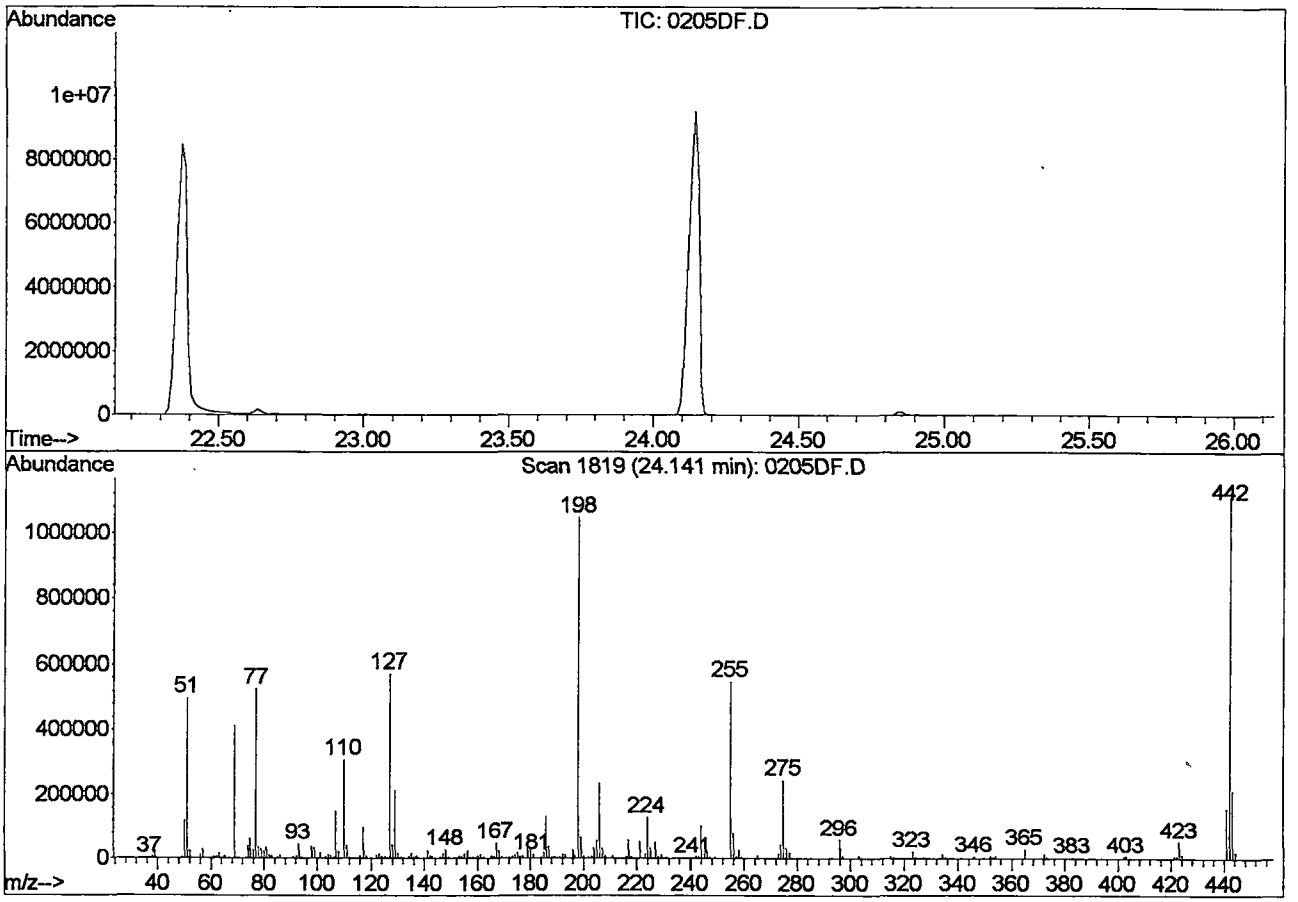
NYC 9/11 Public Portal Document

DFTPP

Data File : C:\MSDCHEM\1\5973N\02FEB05\0205DF.D Vial: 1
Acq On : 5 Feb 2002 8:33 am Operator:
Sample : dftpp Inst : Instrume
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method



Spectrum Information: Scan 1819

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	47.4	496384	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	39.5	413184	PASS
70	69	0.00	2	0.7	2802	PASS
127	198	40	60	54.6	571456	PASS
197	198	0.00	1	0.9	8933	PASS
198	198	100	100	100.0	1046272	PASS
199	198	5	9	6.3	66392	PASS
275	198	10	30	23.5	246336	PASS
365	198	1	99	2.9	30856	PASS
441	443	1	99	74.5	158400	PASS
442	198	40	110	106.2	1111552	PASS
443	442	17	23	19.1	212736	PASS

0205DF.D SCAN508.M Thu Feb 07 08:30:15 2002

NYC 9/11 Public Portal Document

Date extracted 2/1/02

SOS GCMS

ref

Lab #	Description	Sample vol/wt	Drip rate ml/min	Surr add	Spk add	IS add	Final vol.	T.V. pos.	pH	Count		
LB		500		1mL			1mL	3A	7			
Ref		↓			0.5mL			3B				
3✓	re-ext	470										
4	~~49~~ (LB)	490						2A				
28		500						1B				
29232	~~465~~	465						4A				
30644		500						4B				
30648								1A				
28324	2	↓		↓			↓	3B	↓			

BATCH#
$GCMS-17078

Remarks

1mL of 10M NaOH was added to 28324 to bring the pH to 7.

drip rate must be between 5-15 ml/min for liq-liq extractors — drip rate -

Extraction type - sep fun — Solv.lot# VA1470 — NaCl lot# V39618 — Na2SO4 lot# V39H00

STANDARD	INT STD LOG#
CALIBRATION	
REF/SPIKE	
MDL/MDRF	
Q. CHECK	
INT. STD.	
SURROGATE	
LPC	
ENDRIN/DDT	

Reviewed by, 3/29/02

Analyst LF/CM

revision 4/12/01

Verified by _____

Reviewed by DW

Date 2/26/2

NYC 9/11 Public Portal Document

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:01:40

Sample: AE00003
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 2/5/02 09:23 Ended: 2/22/02 09:23 Analyst: WB
Result source: a:\0205c40.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		42		2.0
2	bis(2-Chloroethyl)ether		37		2.0
3	1,3-Dichlorobenzene		35		2.0
4	1,4-Dichlorobenzene		33		2.0
5	1,2-Dichlorobenzene		31		2.0
6	2,2'-oxybis(1-Chloropropane)		32		2.0
7	n-Nitrosodi-n-propylamine		33		2.0
8	Hexachloroethane		35		2.0
9	Nitrobenzene		35		2.0
10	Isophorone		38		2.0
11	bis(2-Chloroethoxy)methane		40		2.0
12	1,2,4-Trichlorobenzene		34		2.0
13	Naphthalene		34		2.0
14	Hexachlorobutadiene		31		2.0
15	2-Chloronaphthalene		33		2.0
16	Dimethylphthalate		34		2.0
17	2,6-Dinitrotoluene		43		2.0
18	Acenaphthylene		35		2.0
19	Acenaphthene		30		2.0
20	2,4-Dinitrotoluene		48		2.0
21	Diethylphthalate		29		2.0
22	4-Chlorophenylphenylether		29		2.0
23	Fluorene		34		2.0
24	Azobenzene/1,2-Diphenylhydra		32		2.0
25	n-Nitrosodiphenylamine		28		2.0
26	4-Bromophenylphenylether		32		2.0
27	Hexachlorobenzene		31		2.0
28	Phenanthrene		32		2.0
29	Anthracene		32		2.0
30	Di-n-butylphthalate		33		2.0
31	Fluoranthene		37		2.0
32	Pyrene		31		2.0
33	Butylbenzylphthalate		34		2.0
34	Benzo(a)anthracene		37		2.0
35	bis(2-Ethylhexyl)phthalate		34		2.0
36	Chrysene		27		2.0
37	Di-n-octylphthalate		37		2.0
38	Benzo(b)fluoranthene		36		2.0
39	Benzo(k)fluoranthene		31		2.0
40	Benzo(a)pyrene		39		2.0
41	Indeno(1,2,3-cd)pyrene		49		2.0
42	Dibenz(a,h)anthracene		43		2.0
43	Benzo(g,h,i)perylene		45		2.0

NYC-WTC_000004772

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\0205C40.D Vial: 2
Acq On : 5 Feb 2002 9:23 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 07 08:30:45 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.73	152	2415753	20.00	ug/L	0.01
10) Naphthalene-d8	13.22	136	10623372	20.00	ug/L	0.00
17) Acenaphthene-d10	18.35	164	5672142	20.00	ug/L	0.00
29) Phenanthrene-d10	22.67	188	10062157	20.00	ug/L	0.00
38) Chrysene-d12	30.53	240	8393643	20.00	ug/L	0.02
44) Perylene-d12	34.45	264	6764501	20.00	ug/L	0.03
System Monitoring Compounds						
37) 2,4-DDD	27.59	235	73015	0.46	ug/L	-0.14
Spiked Amount 5.000			Recovery = 9.20%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	4.00	74	4369866	42.45	ug/L	57
3) bis(2-Chloroethyl)ether	9.29	93	5614521	36.57	ug/L	84
4) 1,3-Dichlorobenzene	9.62	146	6278930	34.64	ug/L	99
5) 1,4-Dichlorobenzene	9.78	146	6063065	33.31	ug/L	98
6) 1,2-Dichlorobenzene	10.26	146	4997224	30.92	ug/L	99
7) 2,2'-oxybis (1-Chloropropa	10.69	45	8812598	31.54	ug/L	96
8) n-Nitroso-di-n-propylamine	11.10	70	4264334	33.45	ug/L	84
9) Hexachloroethane	11.03	117	2279387	34.98	ug/L	98
11) Nitrobenzene	11.40	77	6845514	34.51	ug/L	85
12) Isophorone	12.07	82	13661600	38.18	ug/L	94
13) bis(2-Chloroethoxy)methane	12.82	93	8401359	39.50	ug/L	92
14) 1,2,4-Trichlorobenzene	13.14	180	4723270	34.10	ug/L	98
15) Naphthalene	13.27	128	17448784	34.29	ug/L	99
16) Hexachlorobutadiene	13.85	225	2283964	31.01	ug/L	98
18) Hexachlorocyclopentadiene	15.97	237	1917031	37.82	ug/L	98
19) 2-Chloronaphthalene	16.69	162	10375962	33.13	ug/L	97
20) Dimethylphthalate	17.94	163	12633922	33.73	ug/L	97
21) 2,6-Dinitrotoluene	18.11	165	3160075	43.25	ug/L	84
22) Acenaphthylene	17.90	152	15927296	34.87	ug/L	99
23) Acenaphthene	18.47	153	9641059	29.63	ug/L	99
24) 2,4-Dinitrotoluene	19.24	165	4566234	47.73	ug/L	96
25) Diethylphthalate	20.07	149	10383437	28.93	ug/L	99
26) 4-Chlorophenyl-phenylether	20.05	204	4364382	28.93	ug/L	95
27) Fluorene	19.95	166	12605012	34.06	ug/L	98
28) Azobenzene/1,2-Diphenylhyd	20.51	77	14327782	32.01	ug/L	92
30) N-nitrosodiphenylamine	20.50	169	7037145	27.57	ug/L	100
31) 4-Bromophenyl-phenylether	21.47	248	3356715	32.06	ug/L	91
32) Hexachlorobenzene	21.81	284	3435109	31.05	ug/L	98
33) Phenanthrene	22.75	178	17926403	32.33	ug/L	99
34) Anthracene	22.87	178	17454521	32.45	ug/L	99

(#) = qualifier out of range (m) = manual integration

NYC-WTC_000004773

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\0205C40.D Vial: 2
Acq On : 5 Feb 2002 9:23 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 07 08:30:45 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Di-n-butylphthalate	24.88	149	21613924	33.31	ug/L	98
36)	Fluoranthene	26.26	202	19989887	36.53	ug/L	97
39)	Pyrene	26.90	202	20400160	30.56	ug/L	98
40)	Butylbenzylphthalate	29.28	149	10403380	34.04	ug/L	98
41)	Benzo(a)anthracene	30.49	228	18562081	36.66	ug/L	100
42)	Bis(2-ethylhexyl)phthalate	31.13	149	13305123	34.33	ug/L	97
43)	Chrysene	30.64	228	13412086	27.37	ug/L	99
45)	Di-n-octylphthalate	32.86	149	23400964	36.88	ug/L	100
46)	Benzo(b)fluoranthene	33.50	252	19502354	36.38	ug/L	99
47)	Benzo(k)fluoranthene	33.58	252	16110494	31.44	ug/L	97
48)	Benzo(a)pyrene	34.31	252	17225868	39.23	ug/L	97
49)	Indeno(1,2,3-cd)pyrene	37.10	276	18227611	49.42	ug/L	93
50)	Dibenz(a,h)anthracene	37.19	278	14230122	43.11	ug/L	98
51)	Benzo(g,h,i)perylene	37.83	276	15225200	44.64	ug/L	97

(#) = qualifier out of range (m) = manual integration

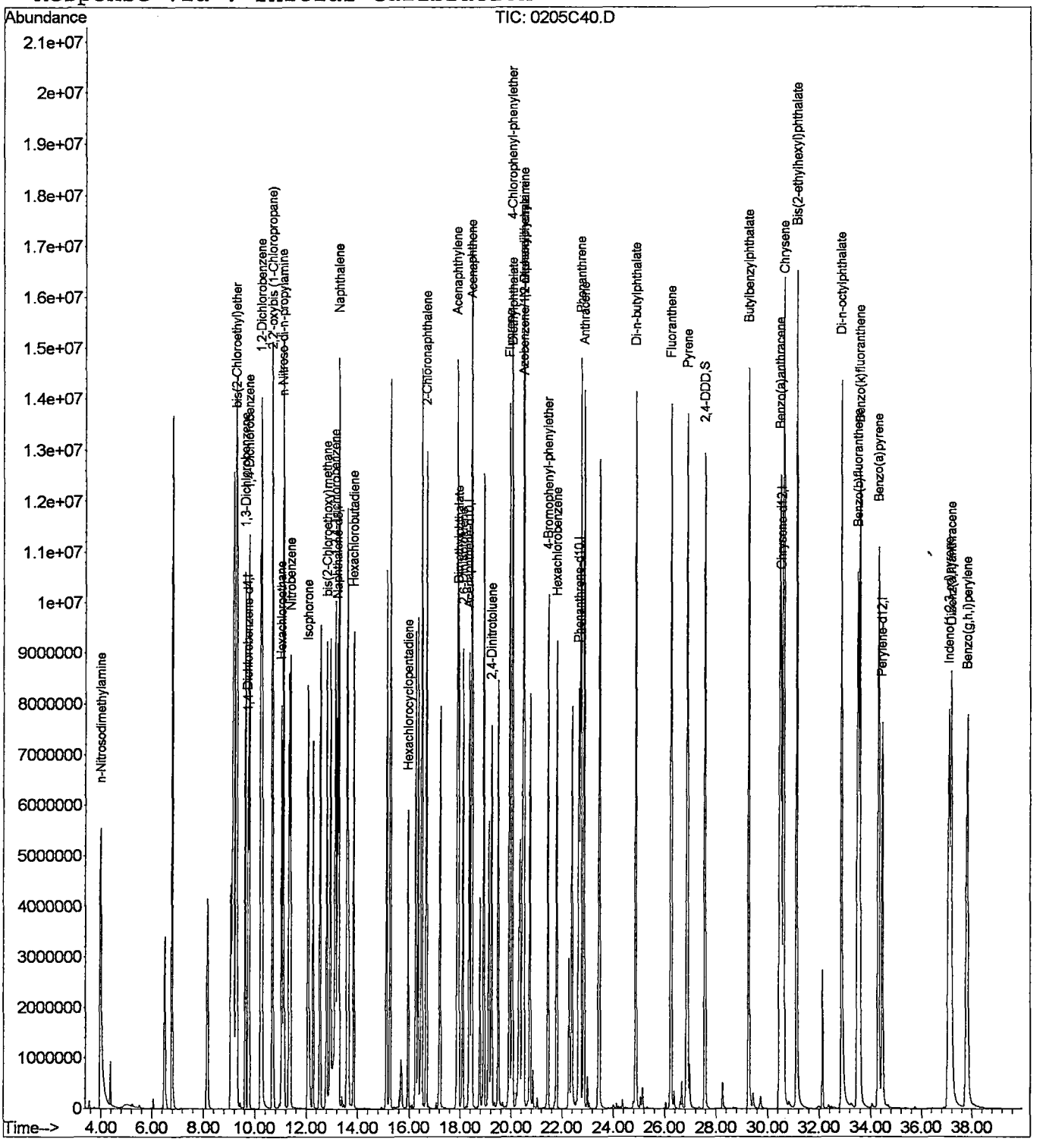
NYC-WTC_000004774

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\0205C40.D Vial: 2
Acq On : 5 Feb 2002 9:23 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 7 8:30 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



NYC-WTC_000004775

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:05:02

Sample: AE00003
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 2/5/02 11:32 Ended: 2/22/02 11:32 Analyst: WB
Result source: a:\0201r.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		2.6		2.0
2	bis(2-Chloroethyl)ether		3.6		2.0
3	1,3-Dichlorobenzene		2.4		2.0
4	1,4-Dichlorobenzene		2.5		2.0
5	1,2-Dichlorobenzene		2.9		2.0
6	2,2-oxybis(1-Chloropropane)		3.1		2.0
7	n-Nitrosodi-n-propylamine		3.2		2.0
8	Hexachloroethane		1.8		2.0
9	Nitrobenzene		2.7		2.0
10	Isophorone		3.3		2.0
11	bis(2-Chloroethoxy)methane		3.7		2.0
12	1,2,4-Trichlorobenzene		2.8		2.0
13	Naphthalene		3.6		2.0
14	Hexachlorobutadiene		1.9		2.0
15	2-Chloronaphthalene		3.3		2.0
16	Dimethylphthalate		3.5		2.0
17	2,6-Dinitrotoluene		2.6		2.0
18	Acenaphthylene		3.6		2.0
19	Acenaphthene		3.7		2.0
20	2,4-Dinitrotoluene		2.6		2.0
21	Diethylphthalate		3.8		2.0
22	4-Chlorophenylphenylether		4.0		2.0
23	Fluorene		3.7		2.0
24	Azobenzene/1,2-Diphenylhydra		3.3		2.0
25	n-Nitrosodiphenylamine		3.6		2.0
26	4-Bromophenylphenylether		3.6		2.0
27	Hexachlorobenzene		3.6		2.0
28	Phenanthrene		4.0		2.0
29	Anthracene		4.0		2.0
30	Di-n-butylphthalate		3.9		2.0
31	Fluoranthene		4.3		2.0
32	Pyrene		3.5		2.0
33	Butylbenzylphthalate		2.6		2.0
34	Benzo(a)anthracene		3.6		2.0
35	bis(2-Ethylhexyl)phthalate		3.4		2.0
36	Chrysene		4.1		2.0
37	Di-n-octylphthalate		2.2		2.0
38	Benzo(b)fluoranthene		2.7		2.0
39	Benzo(k)fluoranthene		4.5		2.0
40	Benzo(a)pyrene		2.9		2.0
41	Indeno(1,2,3-cd)pyrene		3.2		2.0
42	Dibenz(a,h)anthracene		3.1		2.0
43	Benzo(g,h,i)perylene		3.3		2.0

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:05:16

Sample: AE00003
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 2/5/02 11:32 Ended: 2/22/02 11:32 Analyst: WB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		52		2.0
2	bis(2-Chloroethyl)ether		72		2.0
3	1,3-Dichlorobenzene		48		2.0
4	1,4-Dichlorobenzene		50		2.0
5	1,2-Dichlorobenzene		58		2.0
6	2,2-oxybis(1-Chloropropane)		62		2.0
7	n-Nitrosodi-n-propylamine		64		2.0
8	Hexachloroethane		36		2.0
9	Nitrobenzene		54		2.0
10	Isophorone		66		2.0
11	bis(2-Chloroethoxy)methane		74		2.0
12	1,2,4-Trichlorobenzene		56		2.0
13	Naphthalene		72		2.0
14	Hexachlorobutadiene		38		2.0
15	2-Chloronaphthalene		66		2.0
16	Dimethylphthalate		70		2.0
17	2,6-Dinitrotoluene		52		2.0
18	Acenaphthylene		72		2.0
19	Acenaphthene		74		2.0
20	2,4-Dinitrotoluene		52		2.0
21	Diethylphthalate		76		2.0
22	4-Chlorophenylphenylether		80		2.0
23	Fluorene		74		2.0
24	Azobenzene/1,2-Diphenylhydra		66		2.0
25	n-Nitrosodiphenylamine		72		2.0
26	4-Bromophenylphenylether		72		2.0
27	Hexachlorobenzene		72		2.0
28	Phenanthrene		80		2.0
29	Anthracene		80		2.0
30	Di-n-butylphthalate		78		2.0
31	Fluoranthene		86		2.0
32	Pyrene		70		2.0
33	Butylbenzylphthalate		52		2.0
34	Benzo(a)anthracene		72		2.0
35	bis(2-Ethylhexyl)phthalate		68		2.0
36	Chrysene		82		2.0
37	Di-n-octylphthalate		44		2.0
38	Benzo(b)fluoranthene		54		2.0
39	Benzo(k)fluoranthene		90		2.0
40	Benzo(a)pyrene		58		2.0
41	Indeno(1,2,3-cd)pyrene		64		2.0
42	Dibenz(a,h)anthracene		62		2.0
43	Benzo(g,h,i)perylene		66		2.0

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201R.D Vial: 2
Acq On : 5 Feb 2002 11:32 am Operator:
Sample : ref 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:14 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2257242	20.00	ug/L		0.00
10) Naphthalene-d8	13.19	136	9534365	20.00	ug/L		-0.02
17) Acenaphthene-d10	18.34	164	4958940	20.00	ug/L		-0.01
29) Phenanthrene-d10	22.65	188	8150916	20.00	ug/L		-0.02
38) Chrysene-d12	30.51	240	7335854	20.00	ug/L		0.00
44) Perylene-d12	34.43	264	5398399	20.00	ug/L		0.01
System Monitoring Compounds							
37) 2,4-DDD	27.73	235	506204	5.29	ug/L		0.00
Spiked Amount 5.000			Recovery = 105.80%				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.99	74	247464	2.57	ug/L		52
3) bis(2-Chloroethyl)ether	9.24	93	569264	3.59	ug/L		69
4) 1,3-Dichlorobenzene	9.61	146	413157	2.44	ug/L		96
5) 1,4-Dichlorobenzene	9.76	146	429989	2.53	ug/L		96
6) 1,2-Dichlorobenzene	10.24	146	437218	2.90	ug/L		97
7) 2,2'-oxybis (1-Chloropropa	10.67	45	817895	3.13	ug/L	#	73
8) n-Nitroso-di-n-propylamine	11.05	70	382599	3.21	ug/L		80
9) Hexachloroethane	11.03	117	107970	1.77	ug/L		92
11) Nitrobenzene	11.35	77	484818	2.72	ug/L		81
12) Isophorone	12.02	82	1068656	3.33	ug/L		94
13) bis(2-Chloroethoxy)methane	12.77	93	705023	3.69	ug/L		91
14) 1,2,4-Trichlorobenzene	13.11	180	346323	2.79	ug/L		97
15) Naphthalene	13.25	128	1632152	3.57	ug/L		99
16) Hexachlorobutadiene	13.84	225	122644	1.86	ug/L		98
18) Hexachlorocyclopentadiene	15.96	237	14395	0.32	ug/L		96
19) 2-Chloronaphthalene	16.65	162	907624	3.31	ug/L		94
20) Dimethylphthalate	17.88	163	1158295	3.54	ug/L		96
21) 2,6-Dinitrotoluene	18.06	165	168840	2.64	ug/L		81
22) Acenaphthylene	17.86	152	1444273	3.62	ug/L		97
23) Acenaphthene	18.42	153	1042247	3.66	ug/L		98
24) 2,4-Dinitrotoluene	19.17	165	216112	2.58	ug/L		93
25) Diethylphthalate	20.00	149	1185928	3.78	ug/L		98
26) 4-Chlorophenyl-phenylether	20.02	204	521959	3.96	ug/L		89
27) Fluorene	19.91	166	1210187	3.74	ug/L		96
28) Azobenzene/1,2-Diphenylhyd	20.46	77	1303953	3.33	ug/L		84
30) N-nitrosodiphenylamine	20.43	169	740650	3.58	ug/L		98
31) 4-Bromophenyl-phenylether	21.44	248	302166	3.56	ug/L		89
32) Hexachlorobenzene	21.77	284	321828	3.59	ug/L		97
33) Phenanthrene	22.70	178	1817901	4.05	ug/L		99
34) Anthracene	22.83	178	1760802	4.04	ug/L		98

(#) = qualifier out of range (m) = manual integration

NYC-WTC_000004778

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201R.D Vial: 2
Acq On : 5 Feb 2002 11:32 am Operator:
Sample : ref 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:14 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Di-n-butylphthalate	24.85	149	2038872	3.88	ug/L	99
36)	Fluoranthene	26.22	202	1884122	4.25	ug/L	96
39)	Pyrene	26.85	202	2020695	3.46	ug/L	95
40)	Butylbenzylphthalate	29.24	149	702300	2.63	ug/L	95
41)	Benzo(a)anthracene	30.44	228	1604101	3.62	ug/L	98
42)	Bis(2-ethylhexyl)phthalate	31.11	149	1020260	3.36	ug/L	96
43)	Chrysene	30.57	228	1774122	4.14	ug/L	98
45)	Di-n-octylphthalate	32.83	149	1124511	2.22	ug/L	99
46)	Benzo(b)fluoranthene	33.45	252	1145645	2.68	ug/L	97
47)	Benzo(k)fluoranthene	33.50	252	1860343	4.55	ug/L	94
48)	Benzo(a)pyrene	34.25	252	1027148	2.93	ug/L	93
49)	Indeno(1,2,3-cd)pyrene	37.02	276	932522m	3.17	ug/L	
50)	Dibenz(a,h)anthracene	37.11	278	804014	3.05	ug/L	96
51)	Benzo(g,h,i)perylene	37.72	276	911608	3.35	ug/L	89

(#) = qualifier out of range (m) = manual integration

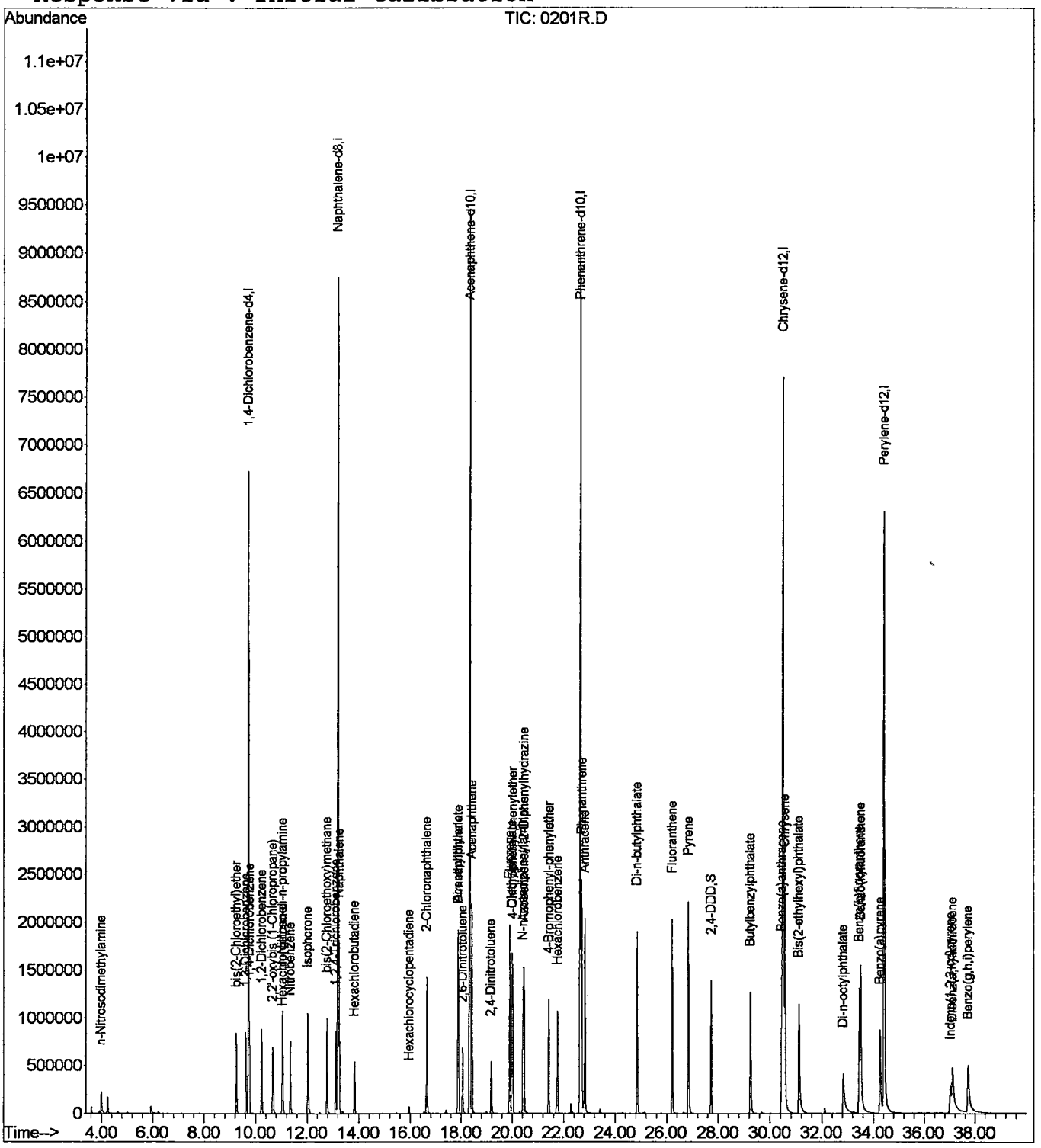
NYC-WTC_000004779

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201R.D Vial: 2
Acq On : 5 Feb 2002 11:32 am Operator:
Sample : ref 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 22 12:07 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration



NYC-WTC_000004780

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:02:11

Sample: AE00003
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 2/5/02 09:23 Ended: 2/22/02 09:23 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MDL		2.0
2	bis(2-Chloroethyl)ether		< MDL		2.0
3	1,3-Dichlorobenzene		< MDL		2.0
4	1,4-Dichlorobenzene		< MDL		2.0
5	1,2-Dichlorobenzene		< MDL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL		2.0
7	n-Nitrosodi-n-propylamine		< MDL		2.0
8	Hexachloroethane		< MDL		2.0
9	Nitrobenzene		< MDL		2.0
10	Isophorone		< MDL		2.0
11	bis(2-Chloroethoxy)methane		< MDL		2.0
12	1,2,4-Trichlorobenzene		< MDL		2.0
13	Naphthalene		< MDL		2.0
14	Hexachlorobutadiene		< MDL		2.0
15	2-Chloronaphthalene		< MDL		2.0
16	Dimethylphthalate		< MDL		2.0
17	2,6-Dinitrotoluene		< MDL		2.0
18	Acenaphthylene		< MDL		2.0
19	Acenaphthene		< MDL		2.0
20	2,4-Dinitrotoluene		< MDL		2.0
21	Diethylphthalate		< MDL		2.0
22	4-Chlorophenylphenylether		< MDL		2.0
23	Fluorene		< MDL		2.0
24	Azobenzene/1,2-Diphenylhydra		< MDL		2.0
25	n-Nitrosodiphenylamine		< MDL		2.0
26	4-Bromophenylphenylether		< MDL		2.0
27	Hexachlorobenzene		< MDL		2.0
28	Phenanthrene		< MDL		2.0
29	Anthracene		< MDL		2.0
30	Di-n-butylphthalate		< MDL		2.0
31	Fluoranthene		< MDL		2.0
32	Pyrene		< MDL		2.0
33	Butylbenzylphthalate		< MDL		2.0
34	Benzo(a)anthracene		< MDL		2.0
35	bis(2-Ethylhexyl)phthalate		< MDL		2.0
36	Chrysene		< MDL		2.0
37	Di-n-octylphthalate		< MDL		2.0
38	Benzo(b)fluoranthene		< MDL		2.0
39	Benzo(k)fluoranthene		< MDL		2.0
40	Benzo(a)pyrene		< MDL		2.0
41	Indeno(1,2,3-cd)pyrene		< MDL		2.0
42	Dibenz(a,h)anthracene		< MDL		2.0
43	Benzo(g,h,i)perylene		< MDL		2.0

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:12 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2273716	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	9738275	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	5119703	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	8448020	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	7420482	20.00	ug/L	-0.01
44) Perylene-d12	34.43	264	5317150	20.00	ug/L	0.01
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	507370	5.12	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.40%			
Target Compounds						Qvalue
3) bis(2-Chloroethyl)ether	9.25	93	8250	Below Cal		69
21) 2,6-Dinitrotoluene	18.34	165	645539	9.79	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	38996	0.65	ug/L	92

(#) = qualifier out of range (m) = manual integration
0201B.D SCAN508.M Thu Feb 21 10:12:13 2002 Page 1

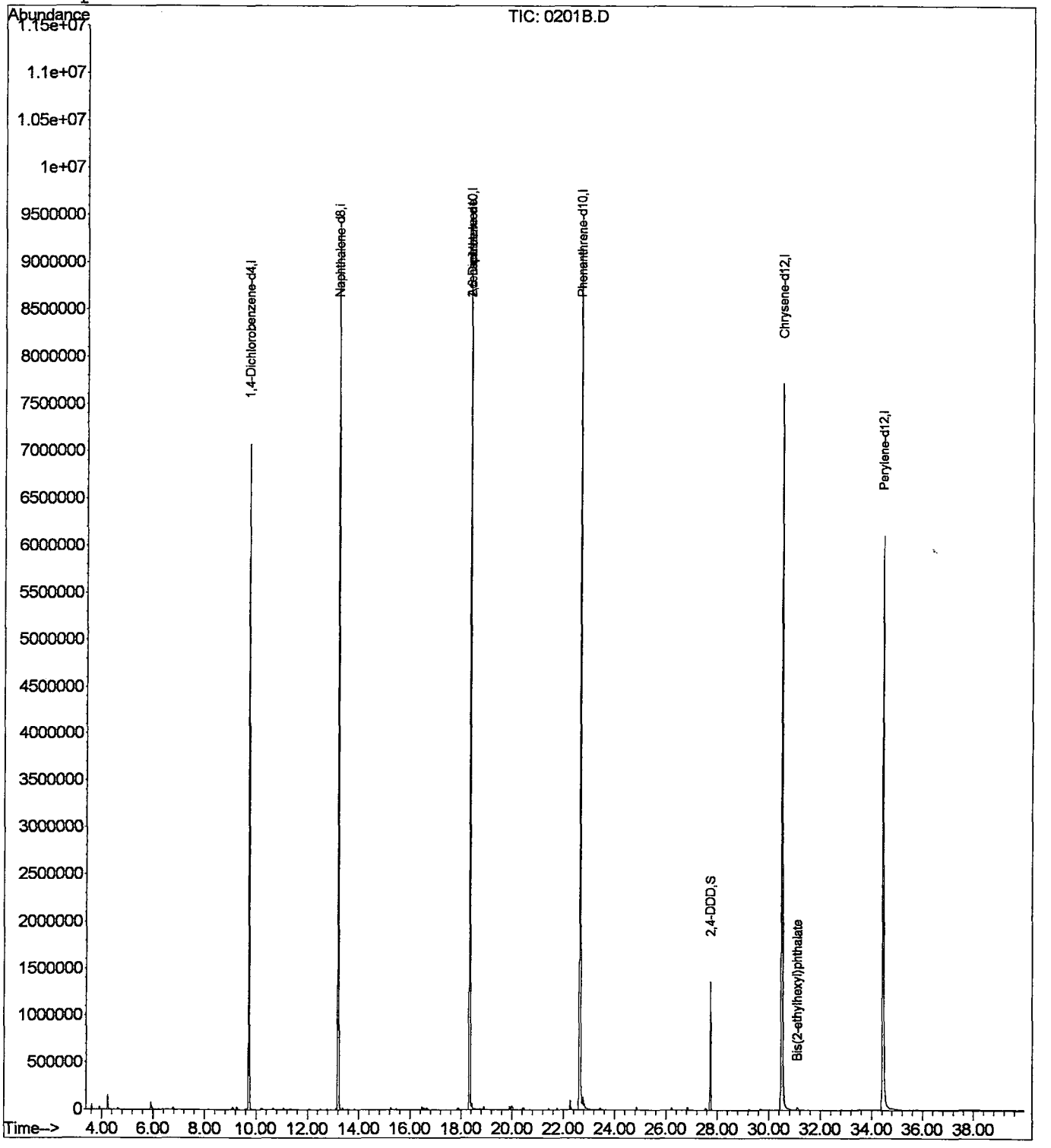
NYC-WTC_000004782

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration



NYC-WTC_000004783

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.613	17	21	25	rBV	53015	82186	0.37%	0.069%
2	4.241	73	76	79	rBV	150685	261555	1.16%	0.220%
3	5.920	219	223	235	rBV	78898	180036	0.80%	0.152%
4	9.082	493	500	509	rVV3	24042	87972	0.39%	0.074%
5	9.242	509	514	521	rVV3	25989	76315	0.34%	0.064%
6	9.710	551	555	561	rBV	7070335	13131619	58.48%	11.065%
7	13.192	855	860	865	rBV	9292784	18900981	84.18%	15.926%
8	17.885	1265	1271	1277	rVB2	24386	82225	0.37%	0.069%
9	18.341	1305	1311	1315	rBV	9582069	20582527	91.66%	17.343%
10	18.421	1315	1318	1329	rVB	64180	179260	0.80%	0.151%
11	19.997	1451	1456	1463	rVB3	40412	123473	0.55%	0.104%
12	20.465	1489	1497	1501	rBV2	22109	71635	0.32%	0.060%
13	22.280	1651	1656	1661	rBV2	105614	189929	0.85%	0.160%
14	22.645	1681	1688	1693	rBV2	9152567	22454317	100.00%	18.920%
15	22.771	1697	1699	1719	rVB2	126933	447998	2.00%	0.377%
16	26.847	2051	2056	2061	rBV	31790	74418	0.33%	0.063%
17	27.726	2127	2133	2139	rBV	1361005	2444042	10.88%	2.059%
18	30.500	2369	2376	2381	rBV2	7714048	21294947	94.84%	17.943%
19	31.105	2425	2429	2437	rVB2	28238	78278	0.35%	0.066%
20	34.428	2713	2720	2751	rBV	6106776	17937449	79.88%	15.114%

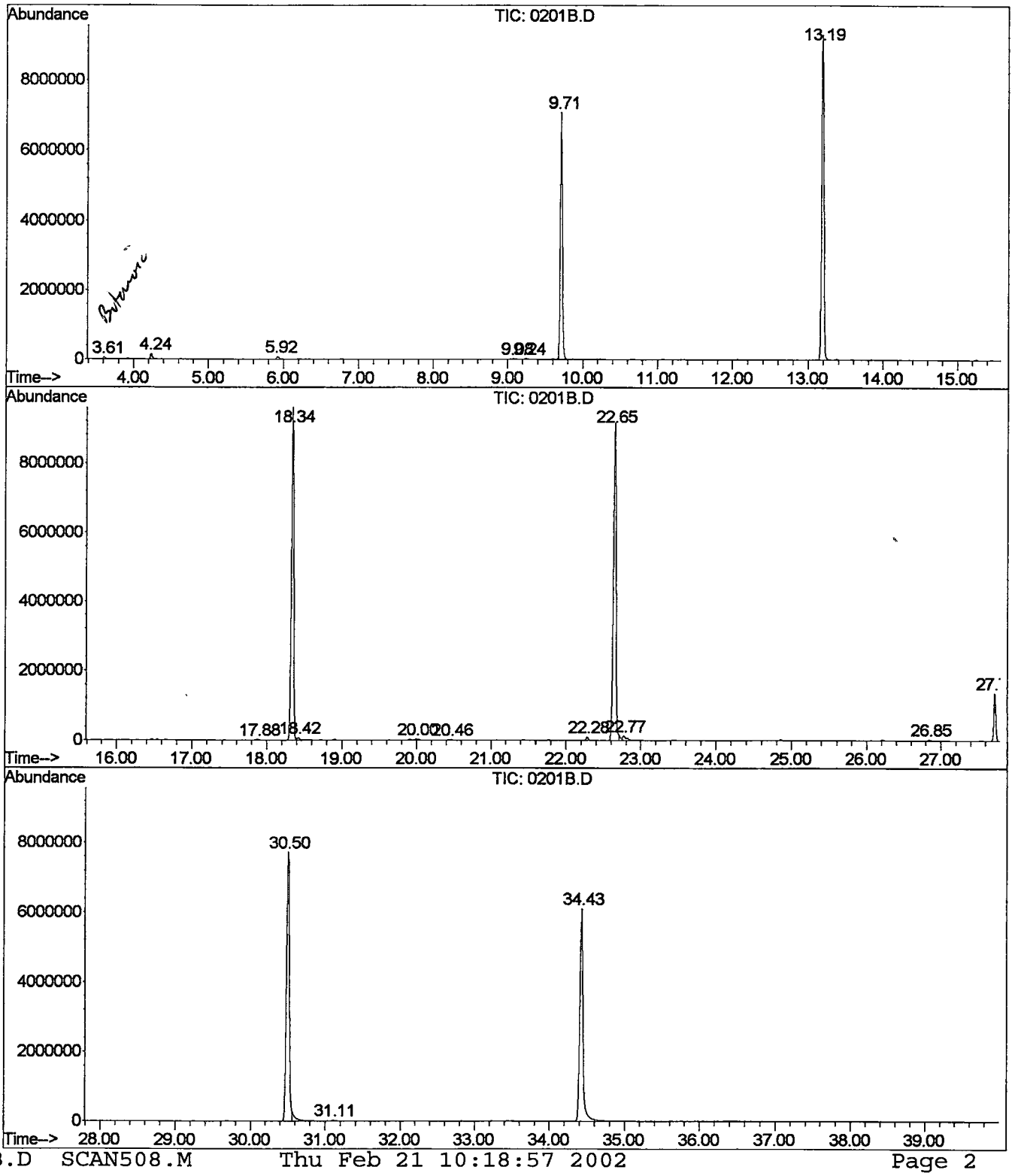
Sum of corrected areas: 118681162

NYC-WTC_000004784

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D
Operator :
Acquired : 5 Feb 2002 10:42 am using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: lab blank 2/1
Misc Info : February 5, 2002
Vial Number: 1
Quant File :HP020702.RES (RTE Integrator)



NYC-WTC_000004785

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

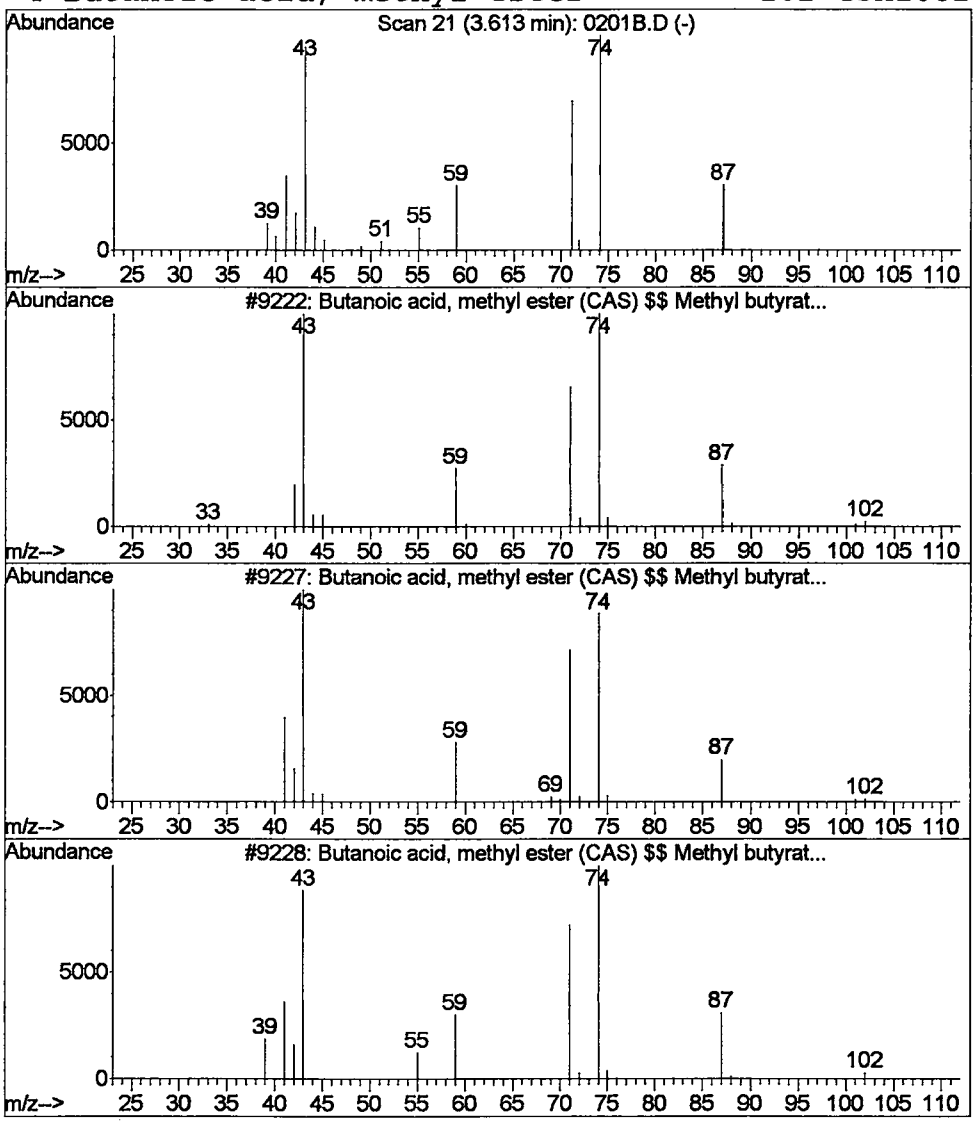
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

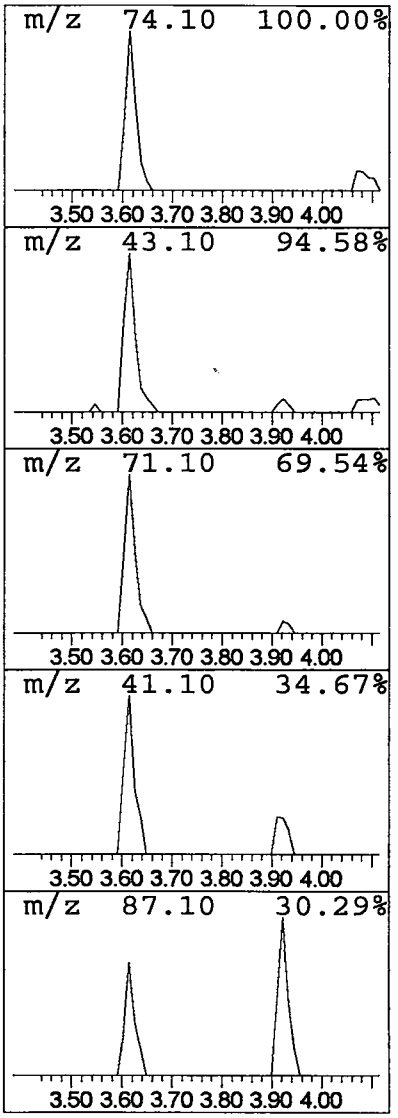
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.13 ug/L	82186	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

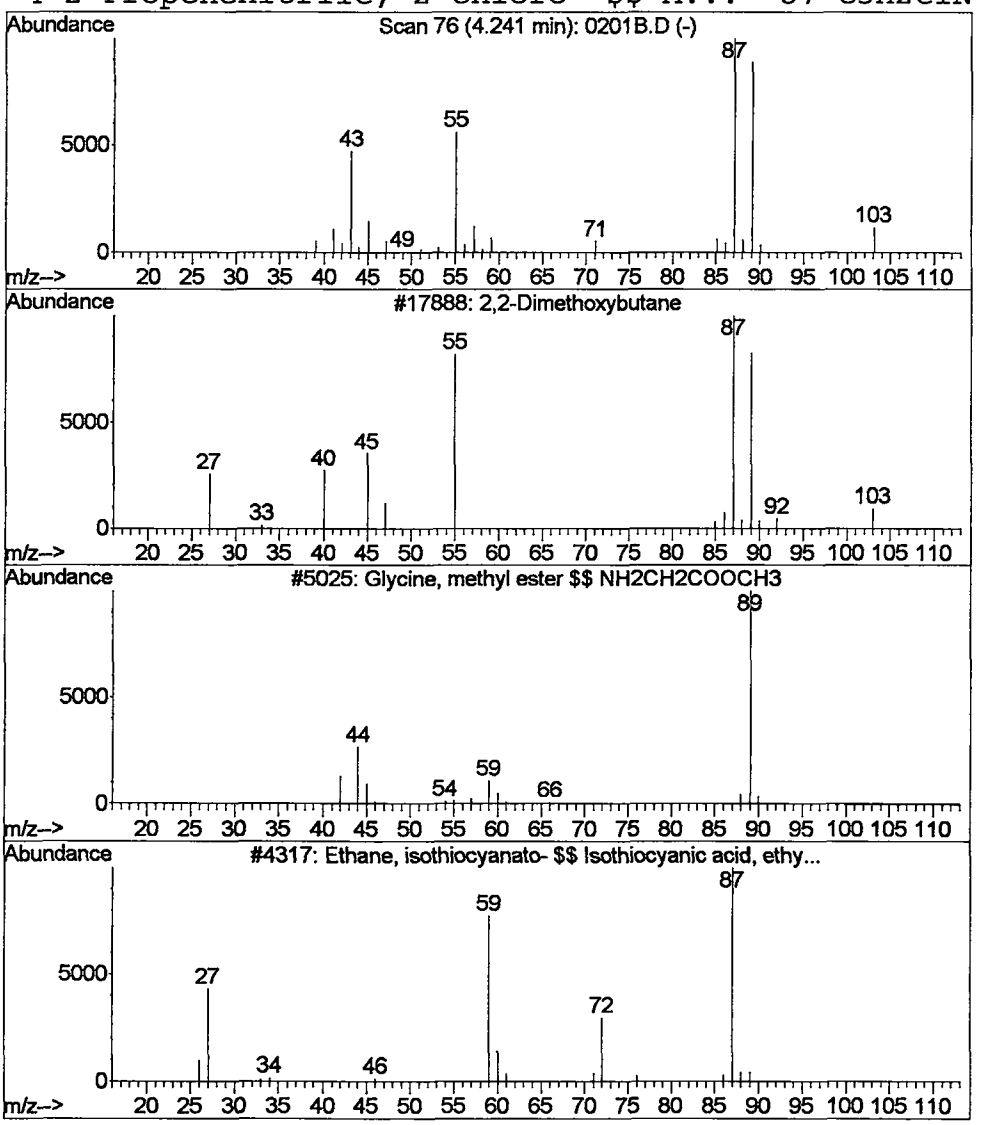
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

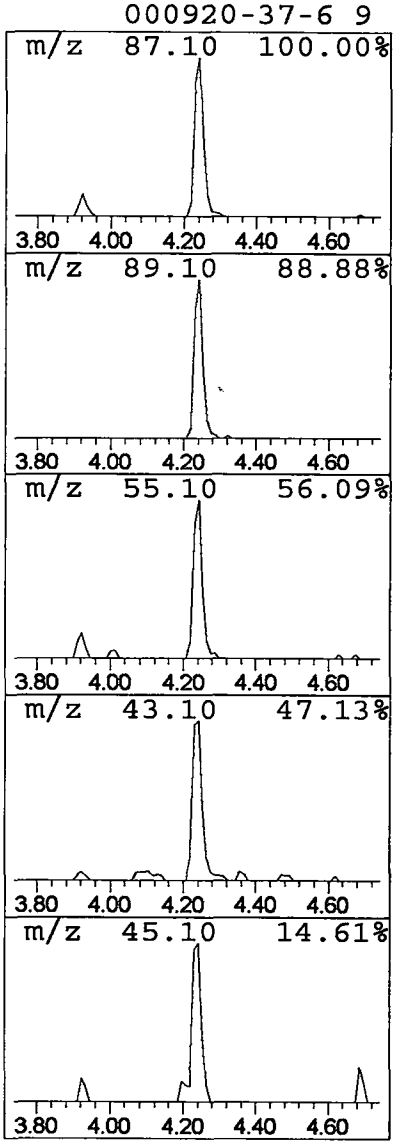
****

Peak Number 2 2,2-Dimethoxybutane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.40 ug/L	261555	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	74
2	Glycine, methyl ester $$ NH2CH2C...	89	C3H7NO2	000616-34-2	38
3	Ethane, isothiocyanato- $$ Isoth...	87	C3H5NS	000542-85-8	9
4	2-Propenenitrile, 2-chloro- $$ A...	87	C3H2ClN	000920-37-6	9





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

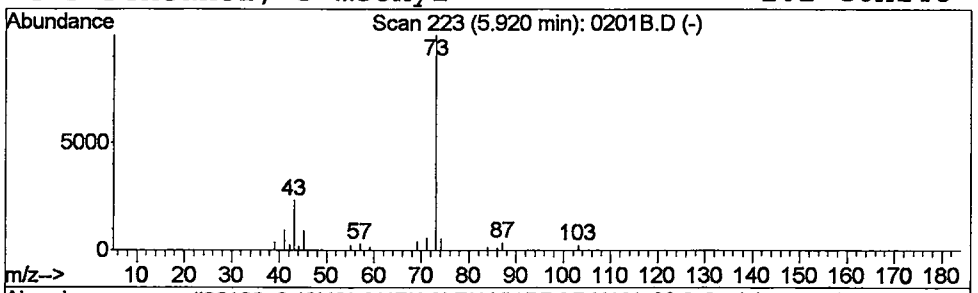
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

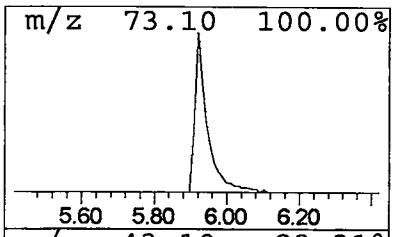
****

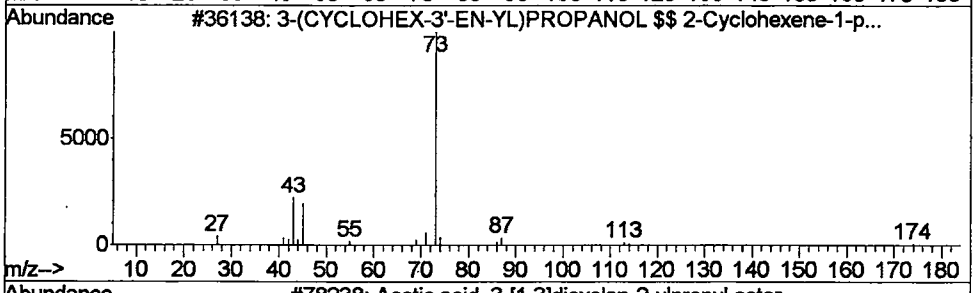
Peak Number 3 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 3

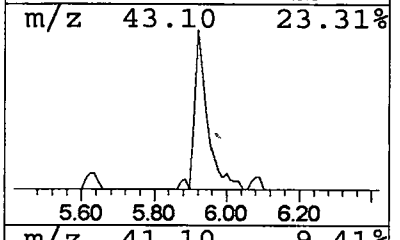
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.27 ug/L	180036	1,4-Dichlorobenzene-d4	9.71

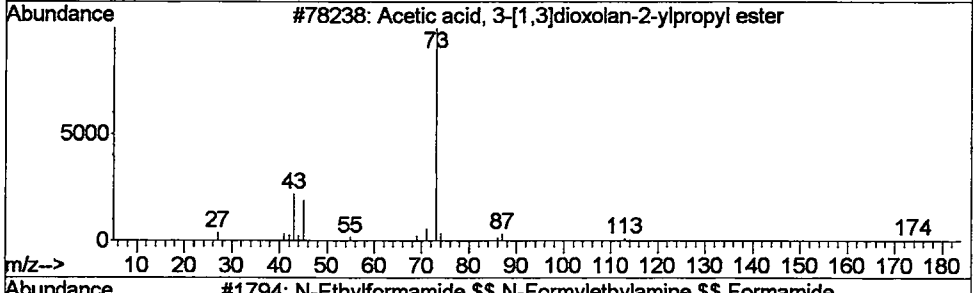
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	40
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	40
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9

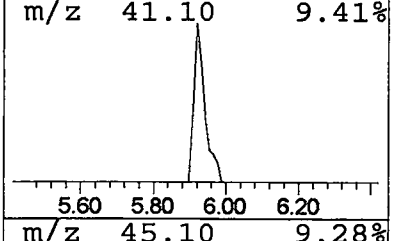


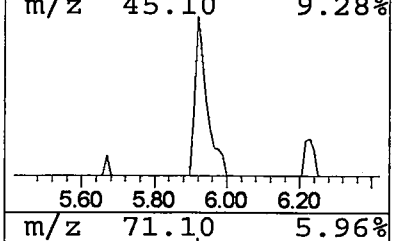


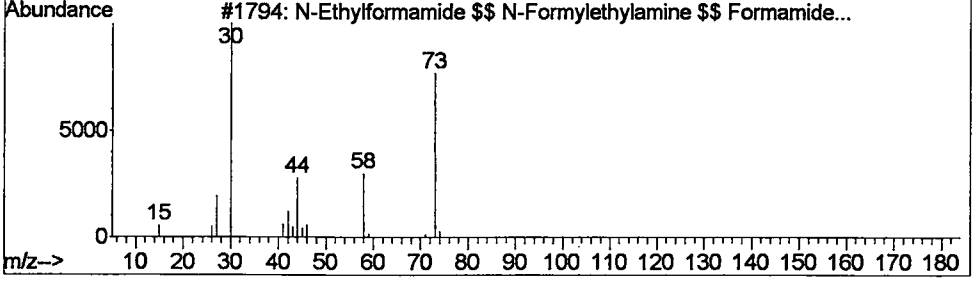


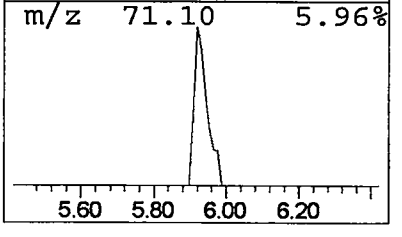












NYC-WTC_000004788

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

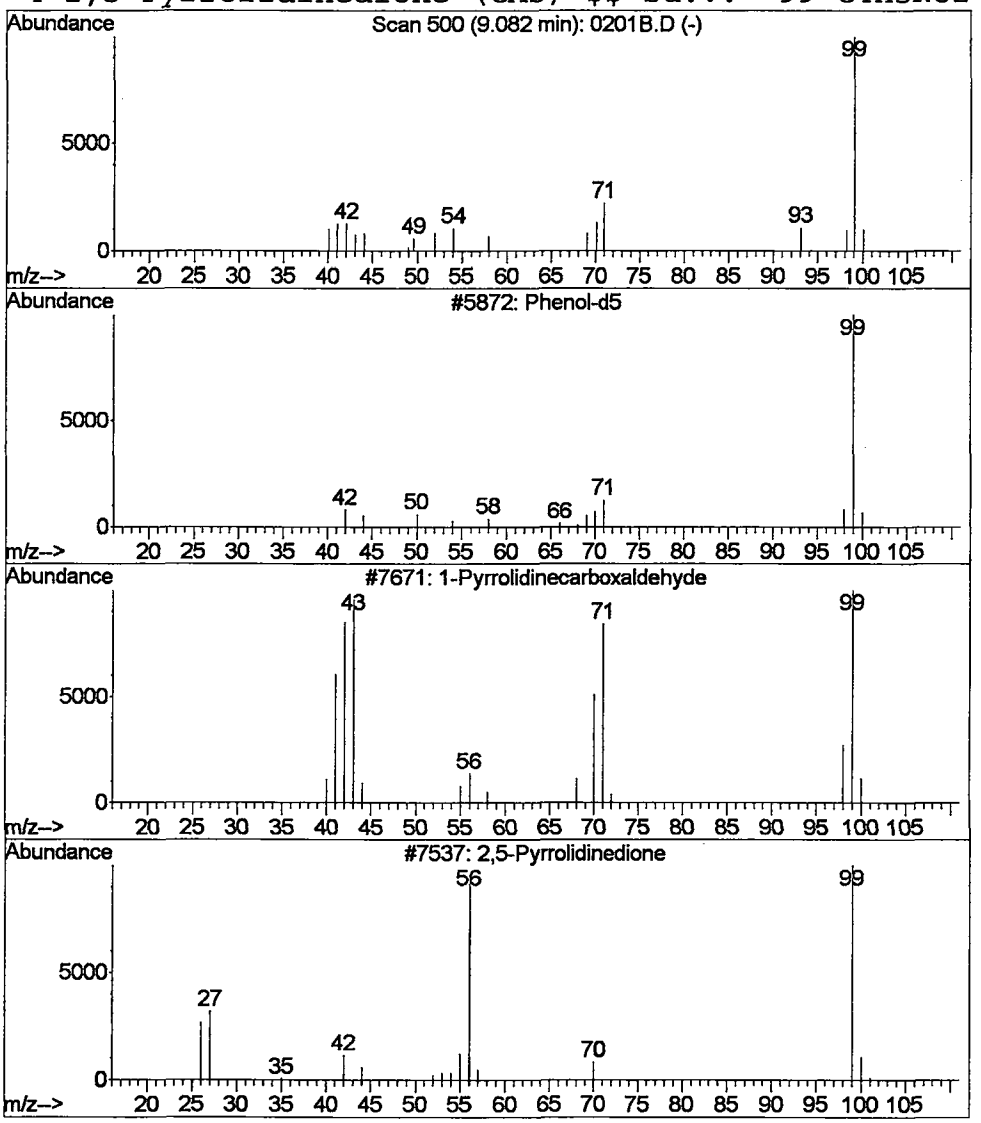
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

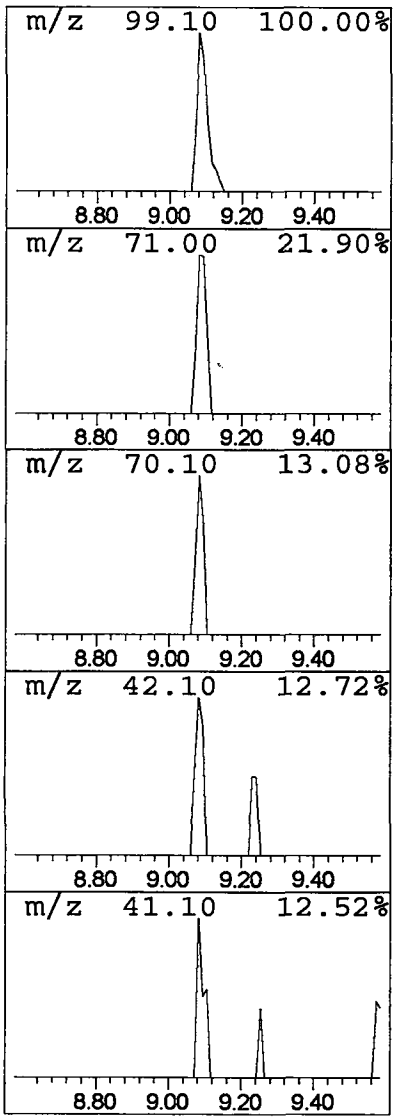
****

Peak Number 4 Phenol-d5 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	0.13 ug/L	87972	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d5	99	C6HD5O	000000-00-0	72
2	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	53
3	2,5-Pyrrolidinedione	99	C4H5NO2	000123-56-8	50
4	2,5-Pyrrolidinedione (CAS) $$ Su...	99	C4H5NO2	000123-56-8	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

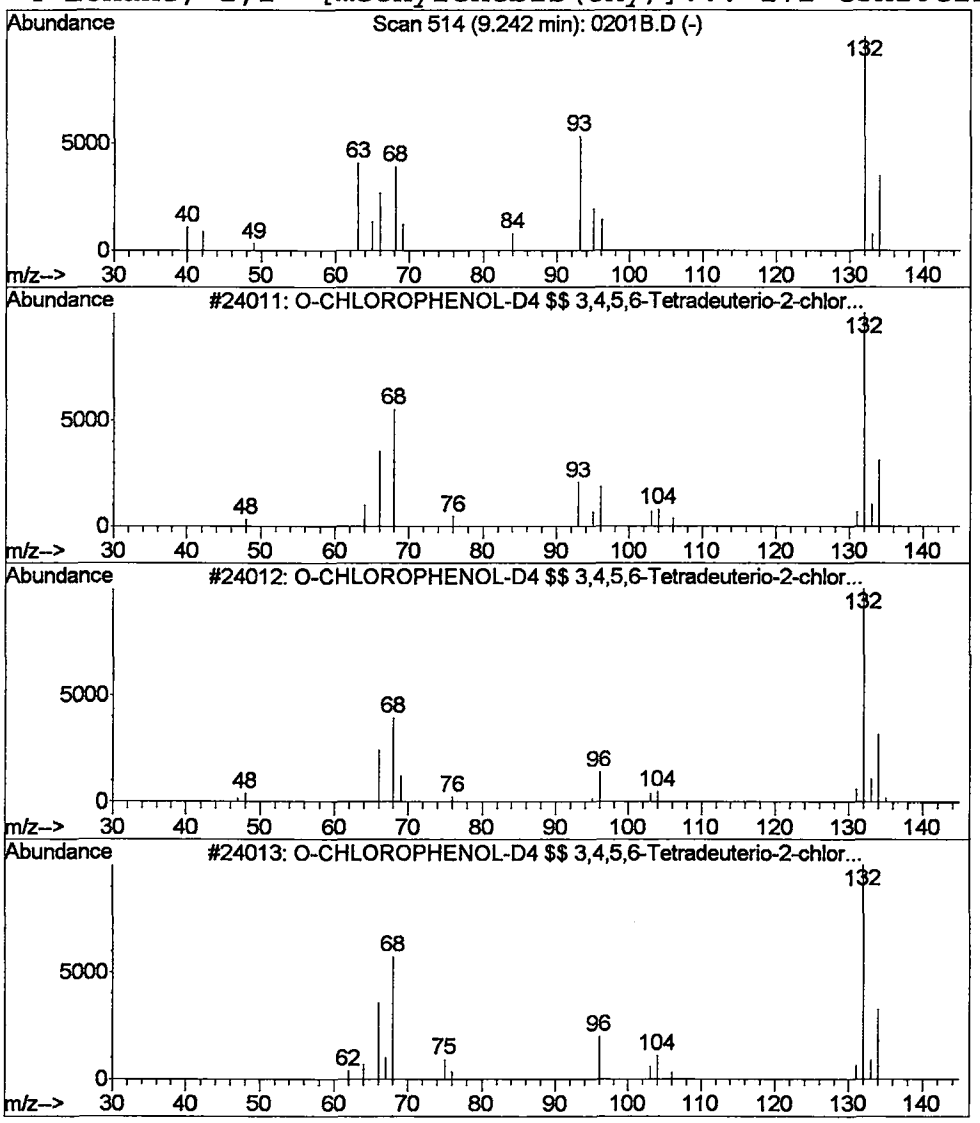
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

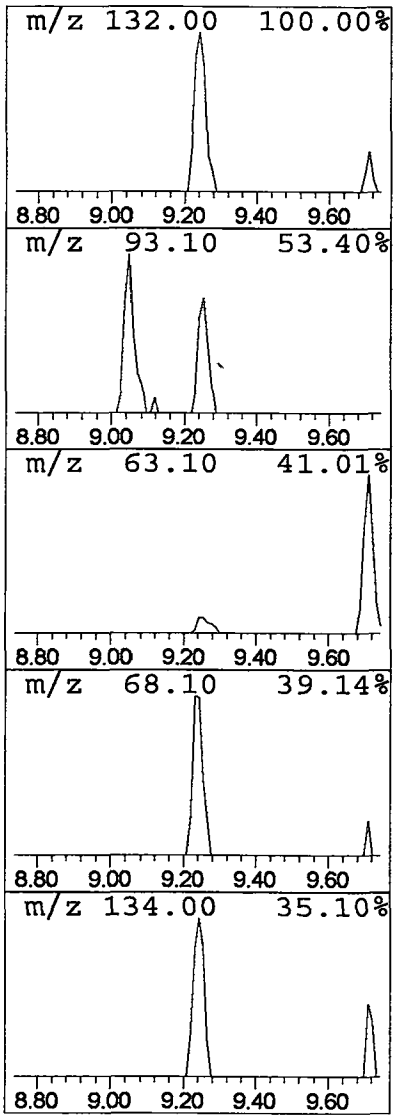
****

Peak Number 5 O-CHLOROPHENOL-D4 $$ 3,4,5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	0.12 ug/L	76315	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-CHLOROPHENOL-D4 $$ 3,4,5,6-Tet...	132	C6HD4ClO	000000-00-0	46
2	O-CHLOROPHENOL-D4 $$ 3,4,5,6-Tet...	132	C6HD4ClO	000000-00-0	43
3	O-CHLOROPHENOL-D4 $$ 3,4,5,6-Tet...	132	C6HD4ClO	000000-00-0	43
4	Ethane, 1,1'-[methylenebis(oxy)]...	172	C5H10Cl2O2	000111-91-1	35





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

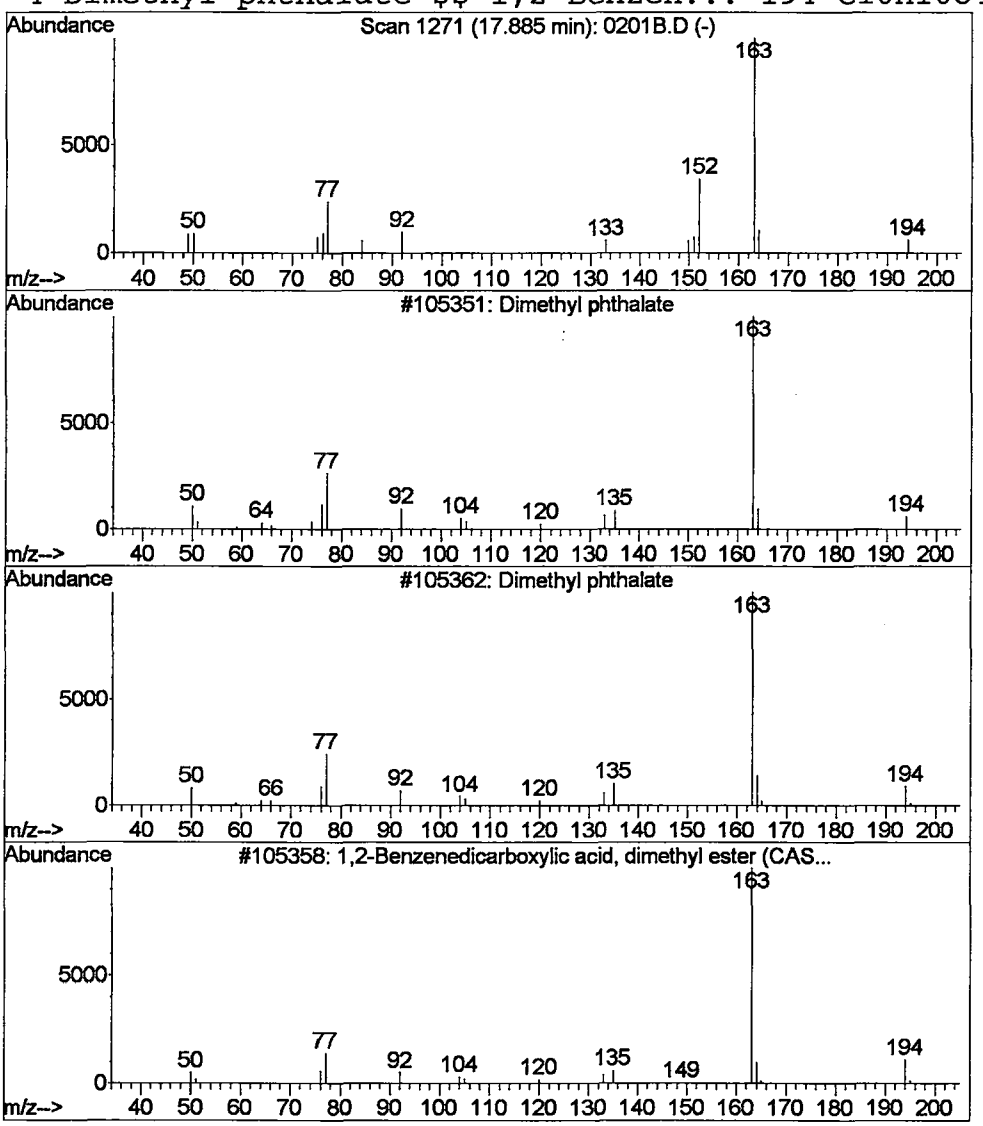
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

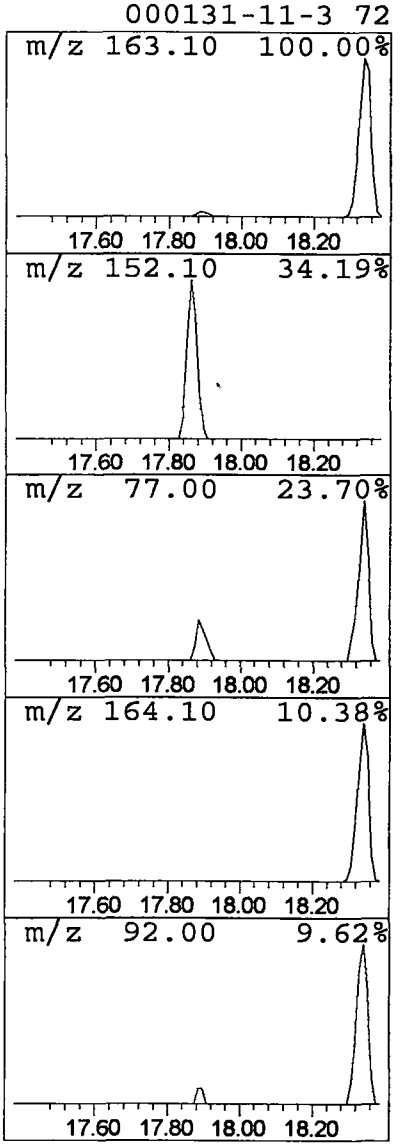
****

Peak Number 6 Dimethyl phthalate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	0.08 ug/L	82225	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	72
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	72
3	1,2-Benzenedicarboxylic acid, di...	194	C10H10O4	000131-11-3	72
4	Dimethyl phthalate $$ 1,2-Benzen...	194	C10H10O4	000131-11-3	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

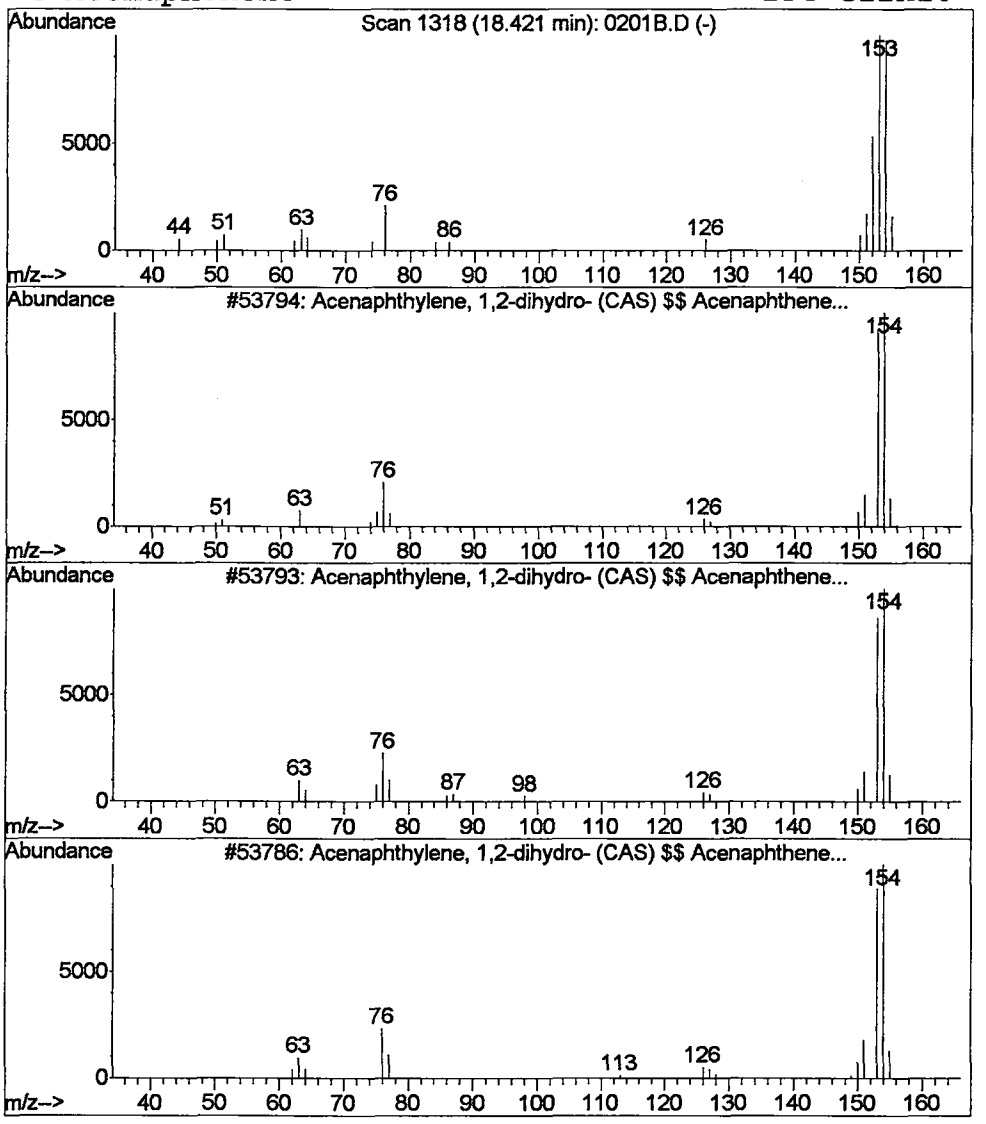
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

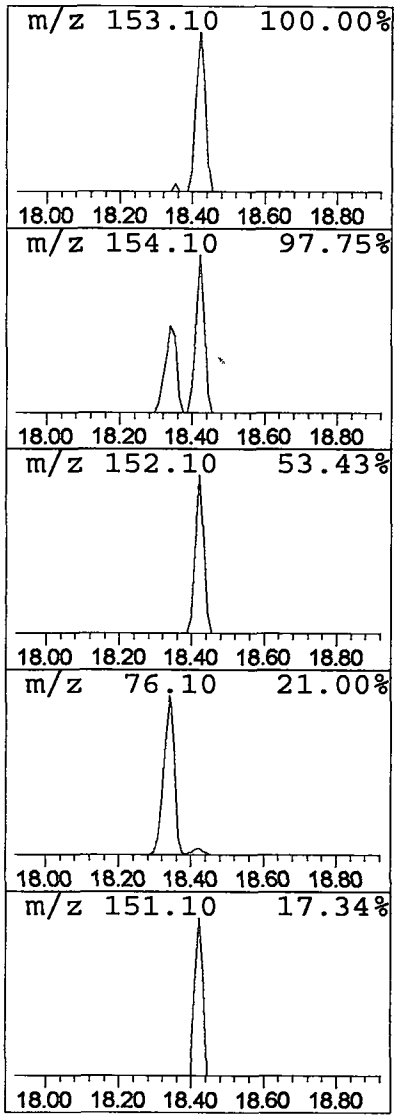
****

Peak Number 7 Acenaphthylene, 1,2-dihydro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	0.17 ug/L	179260	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene, 1,2-dihydro- (CA...	154	C12H10	000083-32-9	81
2	Acenaphthylene, 1,2-dihydro- (CA...	154	C12H10	000083-32-9	81
3	Acenaphthylene, 1,2-dihydro- (CA...	154	C12H10	000083-32-9	81
4	Acenaphthene	154	C12H10	000083-32-9	81





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

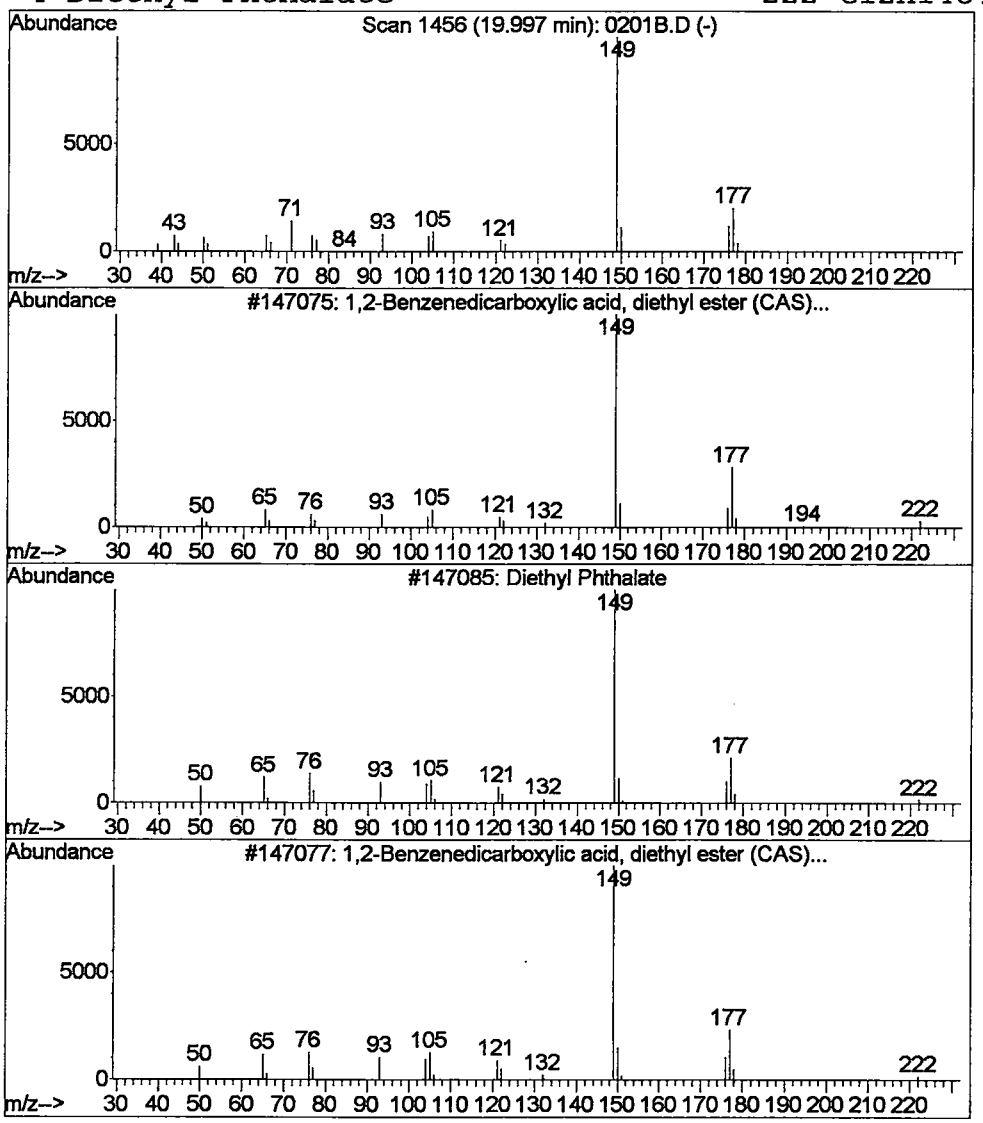
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

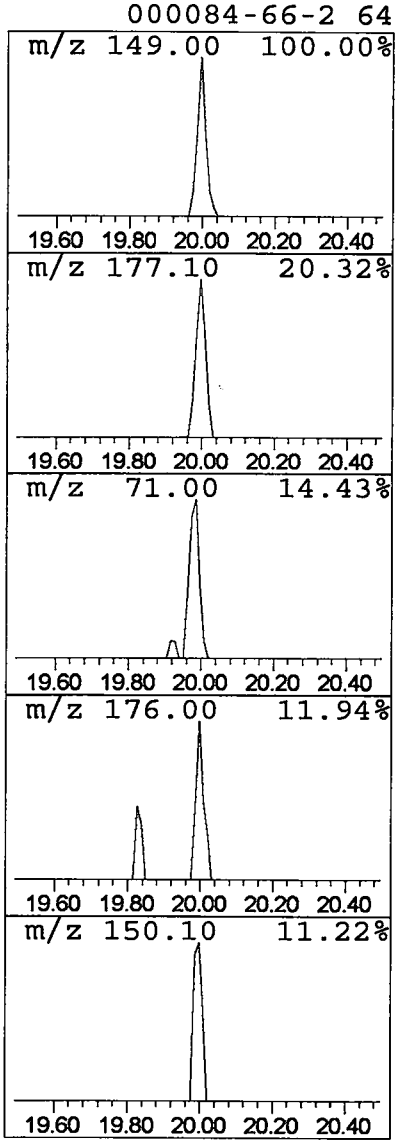
****

Peak Number 8 1,2-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	0.12 ug/L	123473	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	222	C12H14O4	000084-66-2	90
2	Diethyl Phthalate	222	C12H14O4	000084-66-2	83
3	1,2-Benzenedicarboxylic acid, di...	222	C12H14O4	000084-66-2	64
4	Diethyl Phthalate	222	C12H14O4	000084-66-2	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

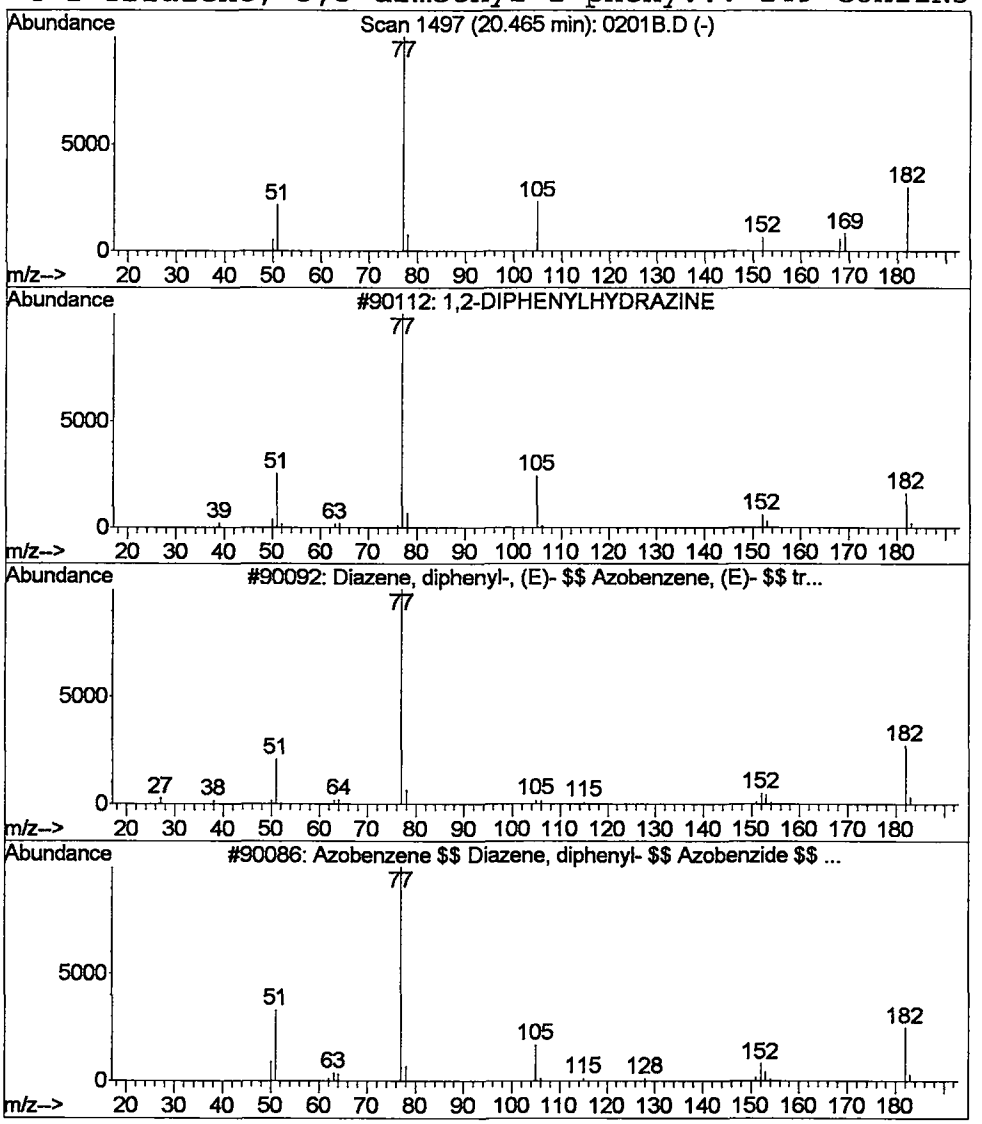
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

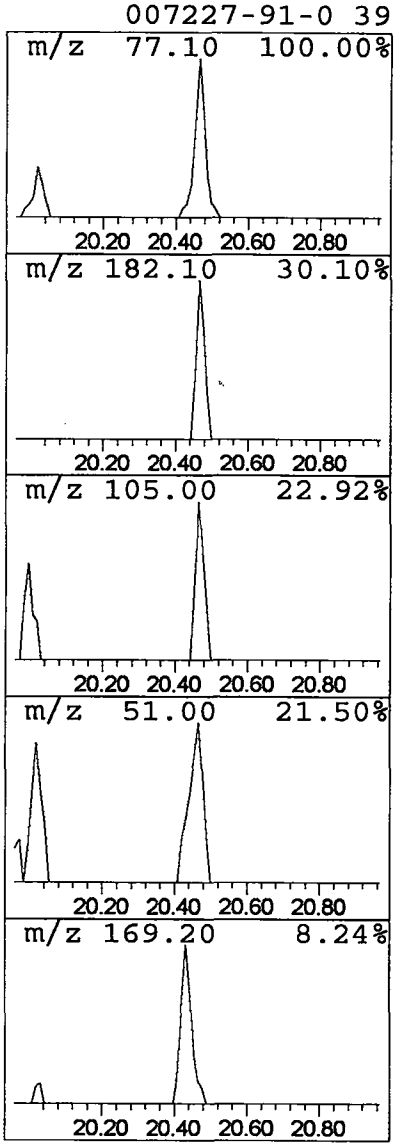
****

Peak Number 9 1,2-DIPHENYLHYDRAZINE Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	0.07 ug/L	71635	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-DIPHENYLHYDRAZINE	182	C12H10N2	000000-00-0	78
2	Diazene, diphenyl-, (E)- $$ Azob...	182	C12H10N2	017082-12-1	72
3	Azobenzene $$ Diazene, diphenyl-...	182	C12H10N2	000103-33-3	64
4	1-Triazene, 3,3-dimethyl-1-pheny...	149	C8H11N3	007227-91-0	39





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

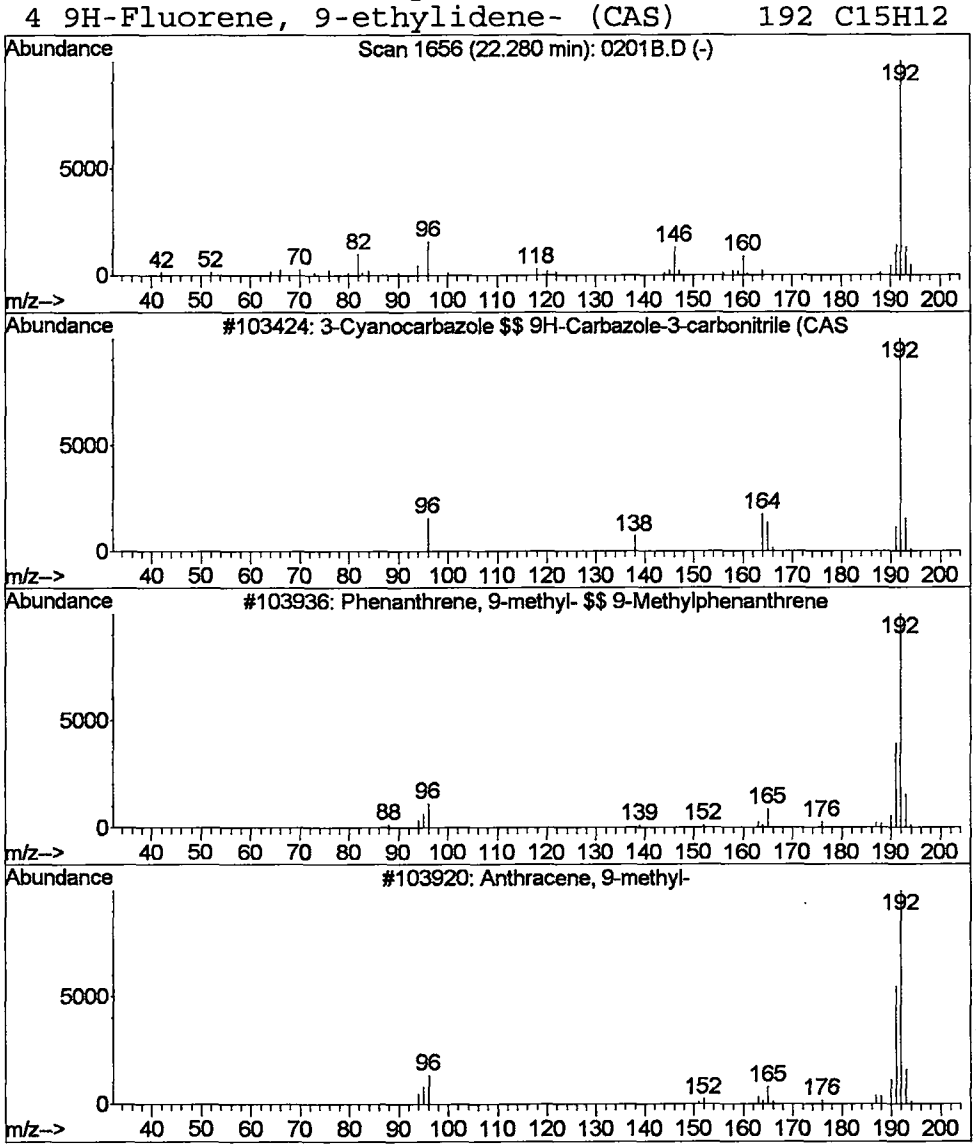
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

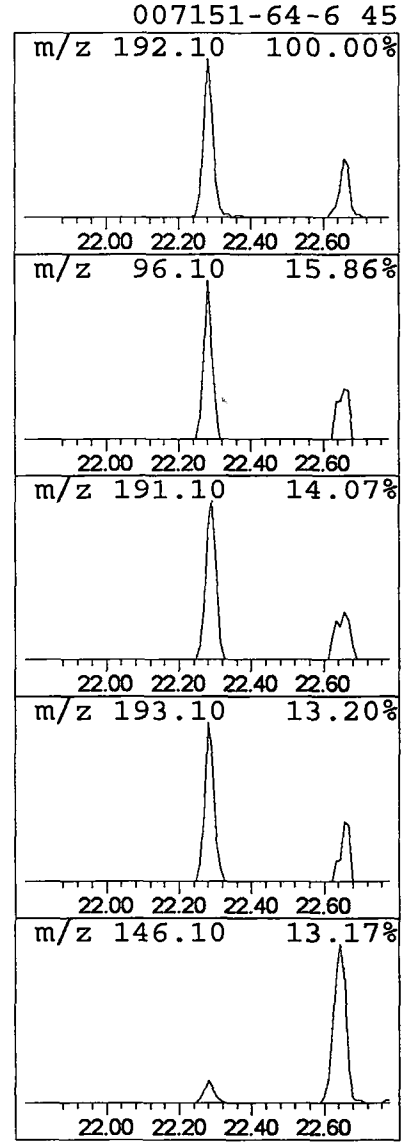
****

Peak Number 10 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.17 ug/L	189929	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
2	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	59
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53
4	9H-Fluorene, 9-ethylidene- (CAS)	192	C15H12	007151-64-6	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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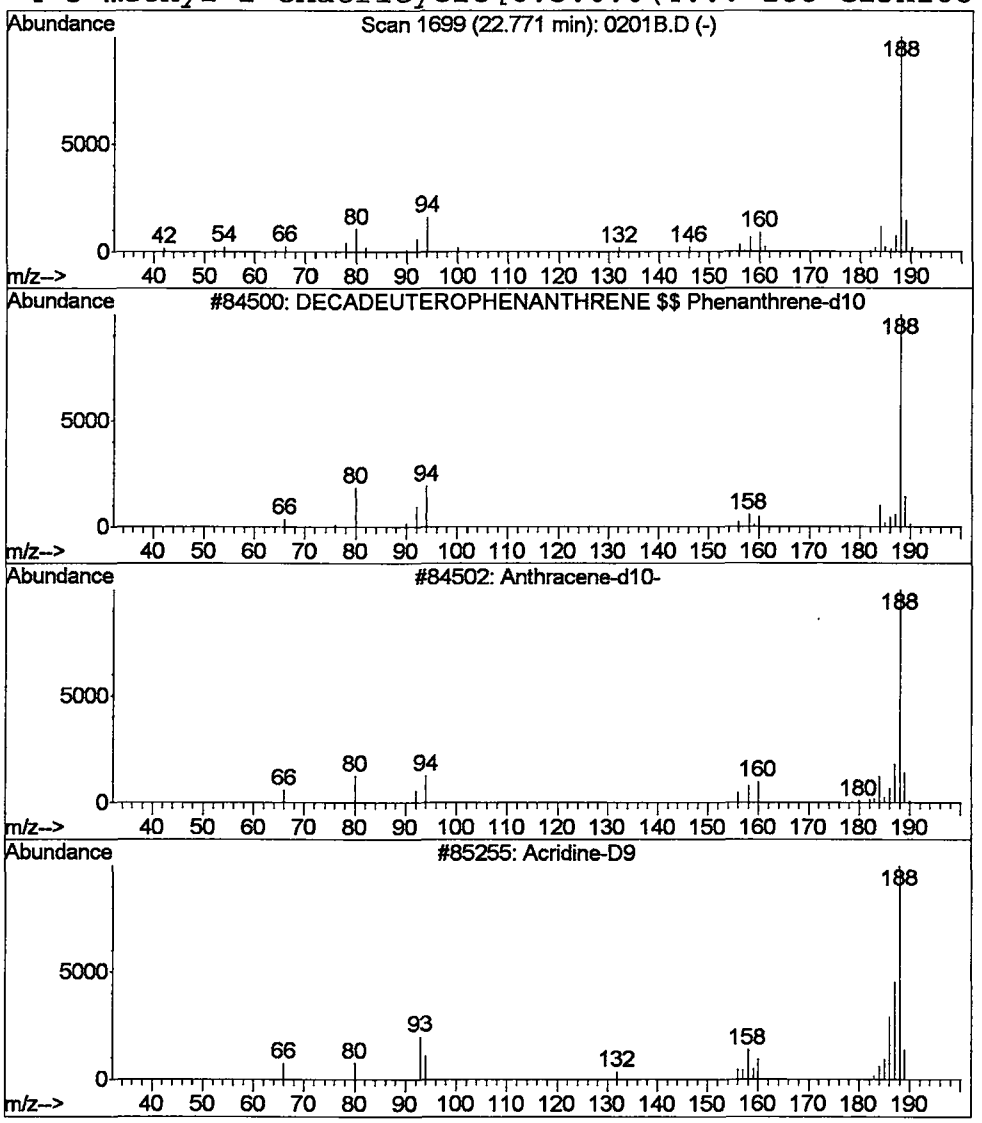
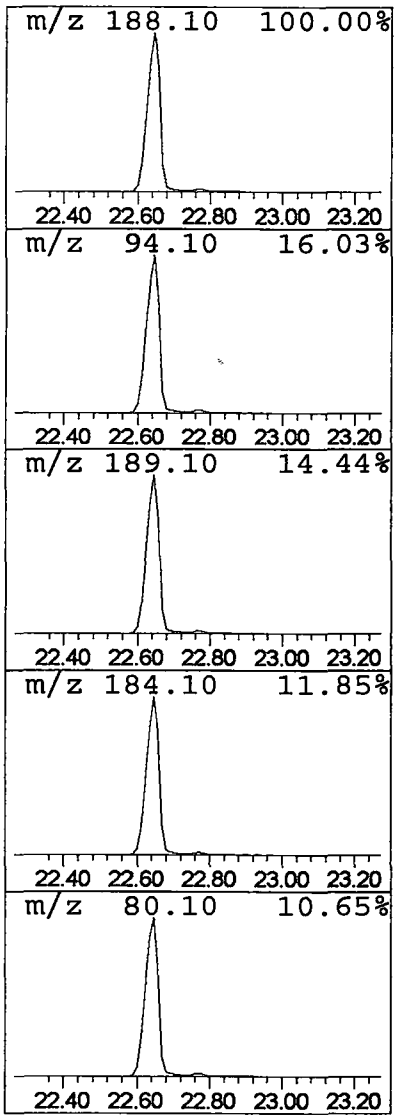
Peak Number 11 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.40 ug/L	447998	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Anthracene-d10-	188	C14D10	001719-06-8	91
3	Acridine-D9	188	C13D9N	000000-00-0	78
4	5-methyl-2-oxatricyclo[6.5.0.0(4...	188	C13H16O	000000-00-0	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

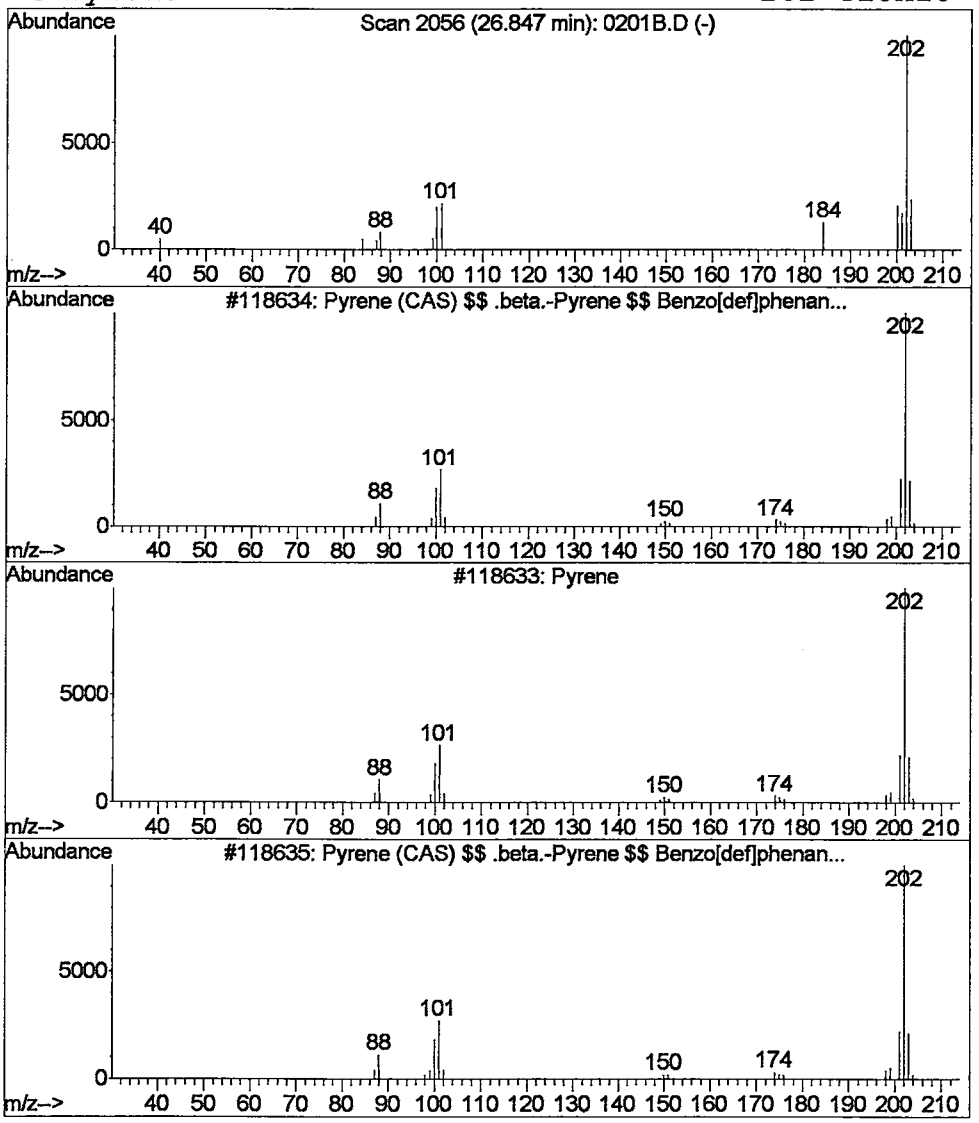
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

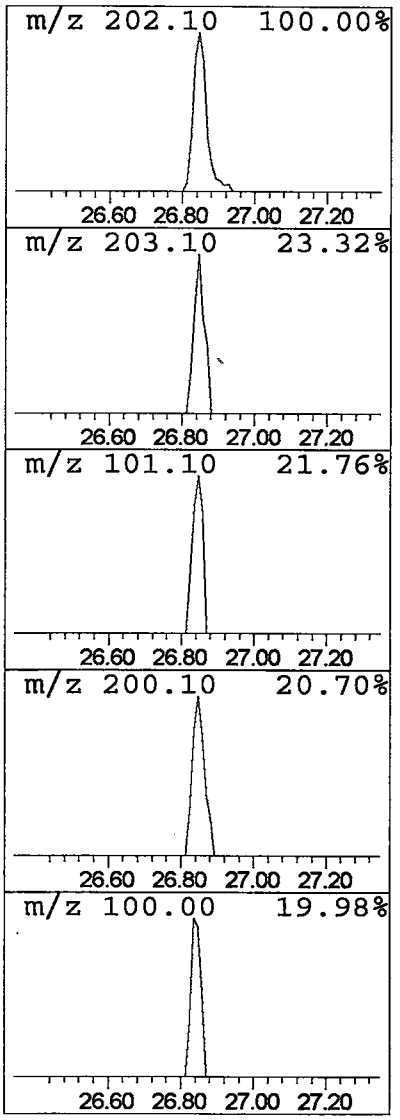
****

Peak Number 12 Pyrene (CAS) $$ .beta.-Pyre... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.85	0.07 ug/L	74418	Chrysene-d12	30.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene (CAS) $$ .beta.-Pyrene $$...	202	C16H10	000129-00-0	74
2	Pyrene	202	C16H10	000129-00-0	74
3	Pyrene (CAS) $$ .beta.-Pyrene $$...	202	C16H10	000129-00-0	74
4	Pyrene	202	C16H10	000129-00-0	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\0201B.D Vial: 1
Acq On : 5 Feb 2002 10:42 am Operator:
Sample : lab blank 2/1 Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

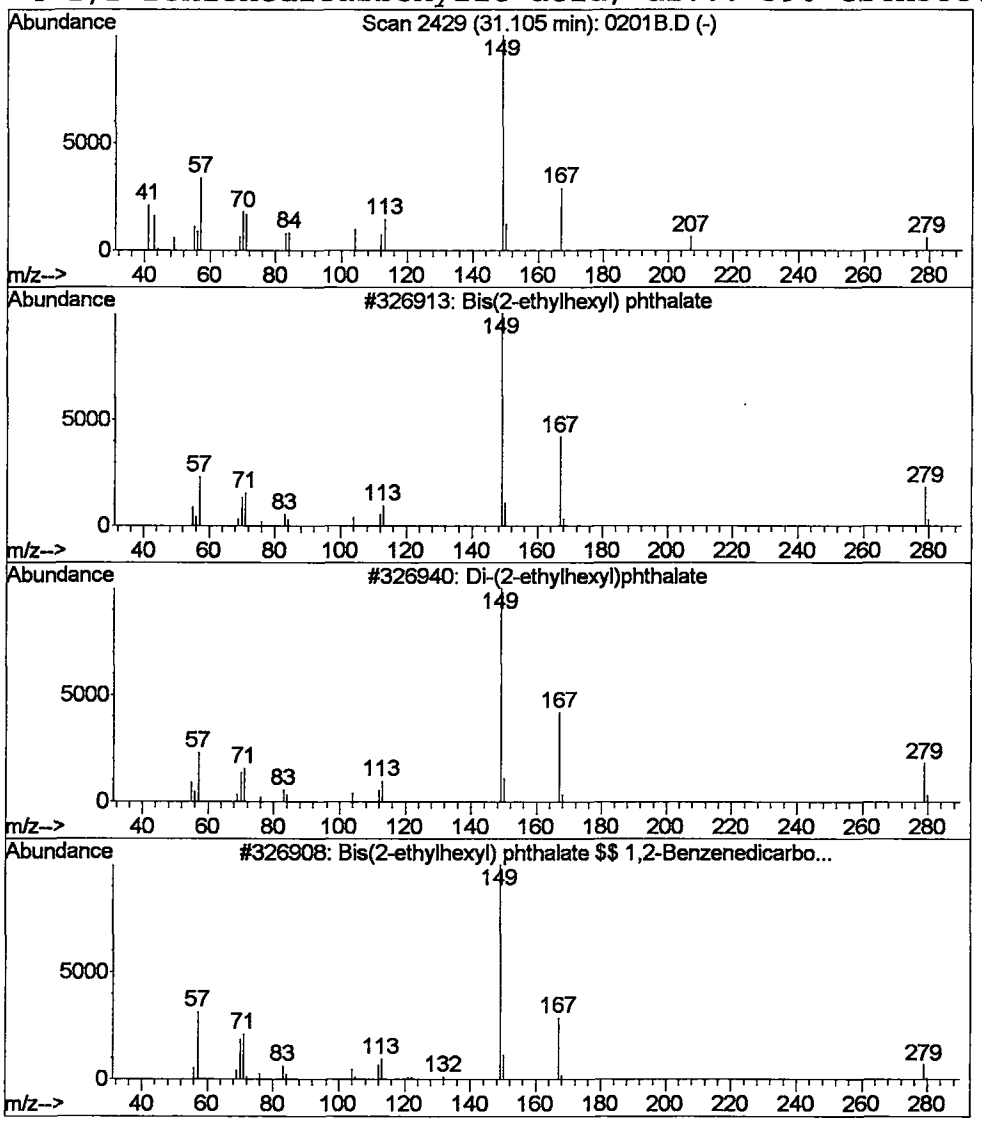
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

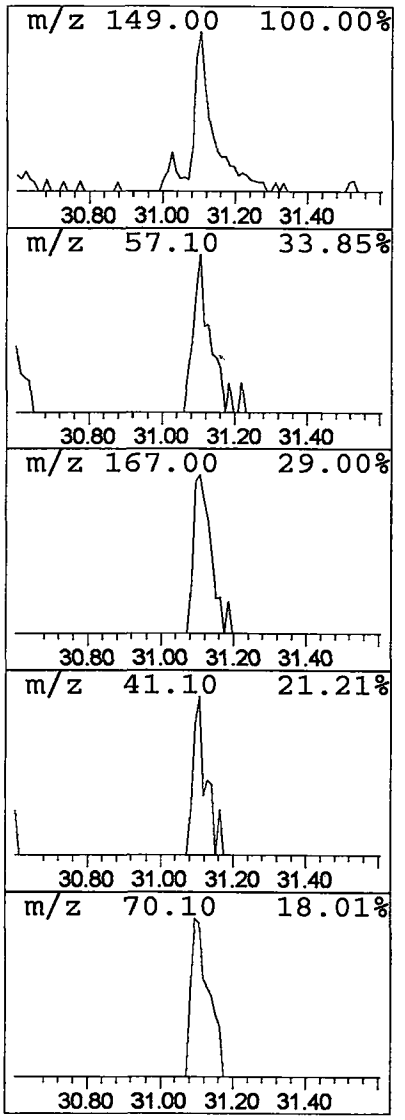
****

Peak Number 13 Bis(2-ethylhexyl) phthalate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.11	0.07 ug/L	78278	Chrysene-d12	30.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	86
2	Di-(2-ethylhexyl)phthalate	390	C24H38O4	000117-81-7	86
3	Bis(2-ethylhexyl) phthalate $$ 1...	390	C24H38O4	000117-81-7	80
4	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	80





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Feb 2002 10:42 am
Data File: C:\MSDCHEM\1\5973N\02FEB05\0201B.D
Name: lab blank 2/1
Misc: February 5, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP020702.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butanoic acid, me...	3.61	0.1	ug/L	82186	1	9.71	13131600	20.0
2,2-Dimethoxybutane	4.24	0.4	ug/L	261555	1	9.71	13131600	20.0
3-(CYCLOHEX-3'-EN...	5.92	0.3	ug/L	180036	1	9.71	13131600	20.0
Phenol-d5	9.08	0.1	ug/L	87972	1	9.71	13131600	20.0
O-CHLOROPHENOL-D4...	9.24	0.1	ug/L	76315	1	9.71	13131600	20.0
Dimethyl phthalate	17.88	0.1	ug/L	82225	3	18.34	20582500	20.0
Acenaphthylene, 1...	18.42	0.2	ug/L	179260	3	18.34	20582500	20.0
1,2-Benzenedicarb...	20.00	0.1	ug/L	123473	3	18.34	20582500	20.0
1,2-DIPHENYLHYDRA...	20.46	0.1	ug/L	71635	3	18.34	20582500	20.0
3-Cyanocarbazole ...	22.28	0.2	ug/L	189929	4	22.65	22454300	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	447998	4	22.65	22454300	20.0
Pyrene (CAS) $$	26.85	0.1	ug/L	74418	5	30.50	21294900	20.0
Bis(2-ethylhexyl)...	31.11	0.1	ug/L	78278	5	30.50	21294900	20.0

NYC-WTC_000004799

NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 09:17:37

Sample: AE00003
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/26/02 09:17 Ended: 2/26/02 09:17 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		5.0

Comments for Sample AE00003 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-26-2002 Time: 09:17:50

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\00003A.D Vial: 2
Acq On : 5 Feb 2002 3:46 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:07 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2613611	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	10909152	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.34	164	5553817	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	9057998	20.00	ug/L	-0.02
38) Chrysene-d12	30.51	240	7940079	20.00	ug/L	0.00
44) Perylene-d12	34.43	264	5868612	20.00	ug/L	0.01
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	468343	4.41	ug/L	0.00
Spiked Amount 5.000			Recovery = 88.20%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.35	163	885710	2.41	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	704677	9.85	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	6847	0.57	ug/L	82

1N blank

(#) = qualifier out of range (m) = manual integration
00003A.D SCAN508.M Thu Feb 21 10:12:08 2002 Page 1

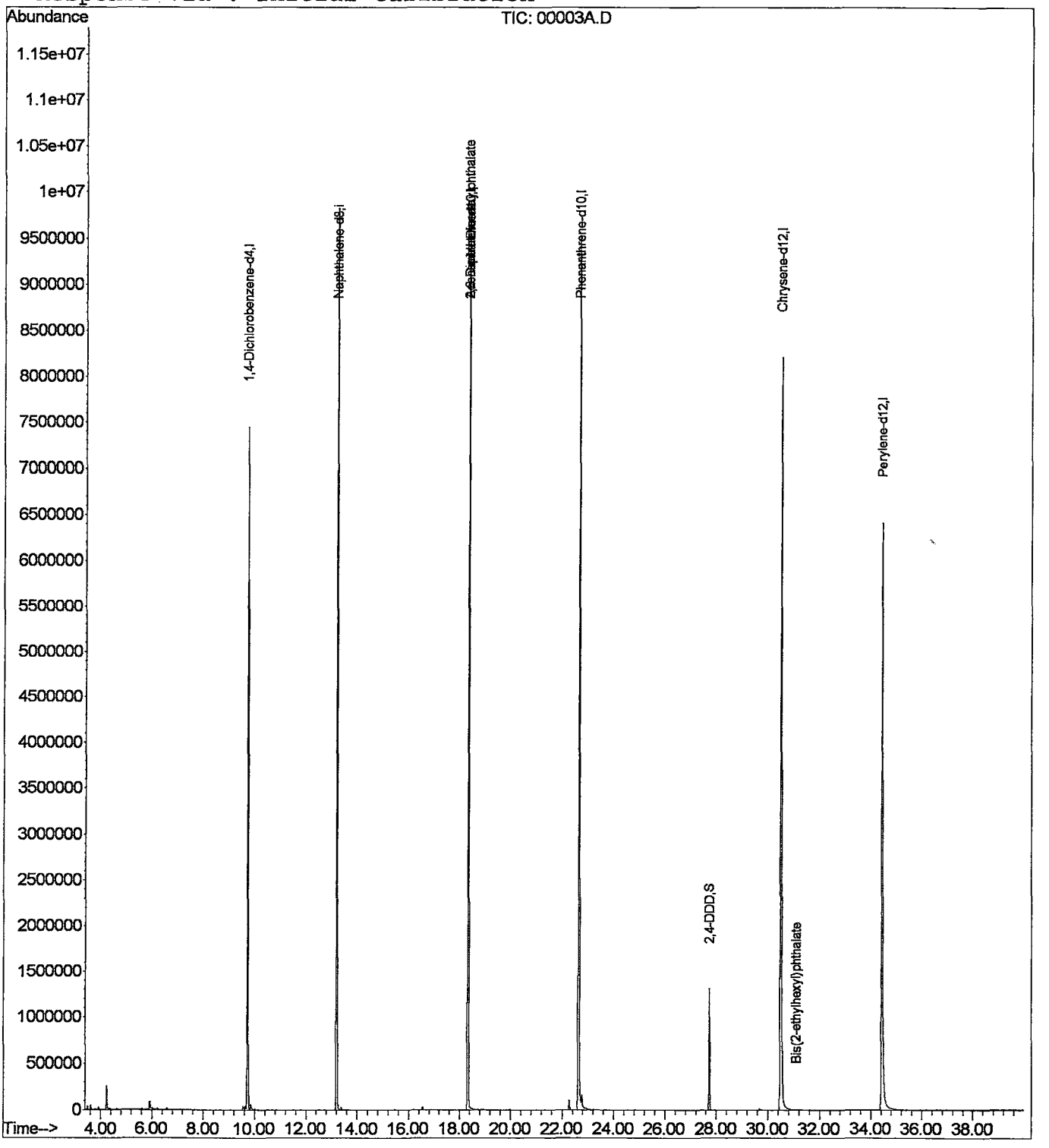
NYC-WTC_000004802

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\00003A.D Vial: 2
Acq On : 5 Feb 2002 3:46 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration



NYC-WTC_000004803

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00003A.D Vial: 2
Acq On : 5 Feb 2002 3:46 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.488	5	10	13	rVB	37614	56485	0.24%	0.043%
2	3.613	19	21	25	rBV	50563	80697	0.34%	0.062%
3	3.922	45	48	53	rBV	26953	42288	0.18%	0.032%
4	4.230	73	75	79	rBV	253103	421269	1.76%	0.323%
5	5.920	221	223	229	rBV	89241	188979	0.79%	0.145%
6	9.539	537	540	545	rBV	41330	94711	0.40%	0.073%
7	9.630	545	548	551	rVV	45862	101248	0.42%	0.078%
8	9.710	551	555	561	rVV	7447219	15089685	63.02%	11.574%
9	9.836	561	566	579	rVV	61640	218603	0.91%	0.168%
10	13.204	855	861	865	rBV	9827405	21220807	88.62%	16.277%
11	13.375	873	876	883	rVB	29127	57830	0.24%	0.044%
12	16.549	1149	1154	1157	rBV	31403	59892	0.25%	0.046%
13	18.341	1305	1311	1317	rBV	9817883	22479326	93.88%	17.242%
14	22.280	1651	1656	1661	rBV2	107994	206220	0.86%	0.158%
15	22.645	1681	1688	1693	rBV2	9531925	23944767	100.00%	18.366%
16	22.771	1697	1699	1717	rVB	153417	437426	1.83%	0.336%
17	27.726	2127	2133	2139	rBV	1315299	2294477	9.58%	1.760%
18	29.678	2299	2304	2317	rBV	15609	51671	0.22%	0.040%
19	30.512	2369	2377	2421	rBV	8213604	23474680	98.04%	18.006%
20	34.428	2713	2720	2761	rBV2	6409734	19851795	82.91%	15.227%

Sum of corrected areas: 130372856

NYC-WTC_000004804

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

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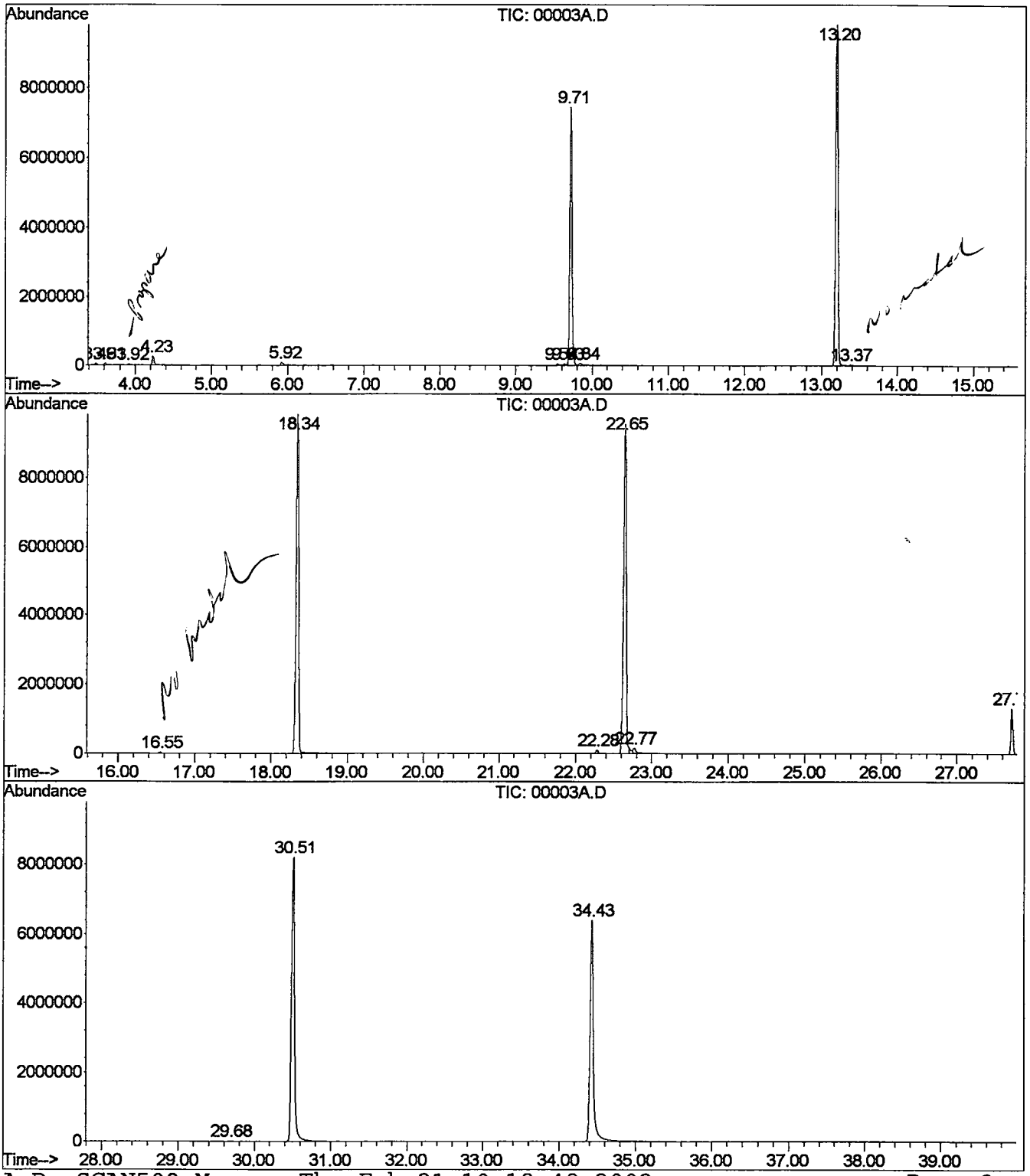
Operator :
Acquired : 5 Feb 2002 3:46 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan; re-ext
Misc Info : February 5, 2002
Vial Number: 2
Quant File :HP020702.RES (RTE Integrator)



NYC-WTC_000004805

Library Search Compound Report

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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

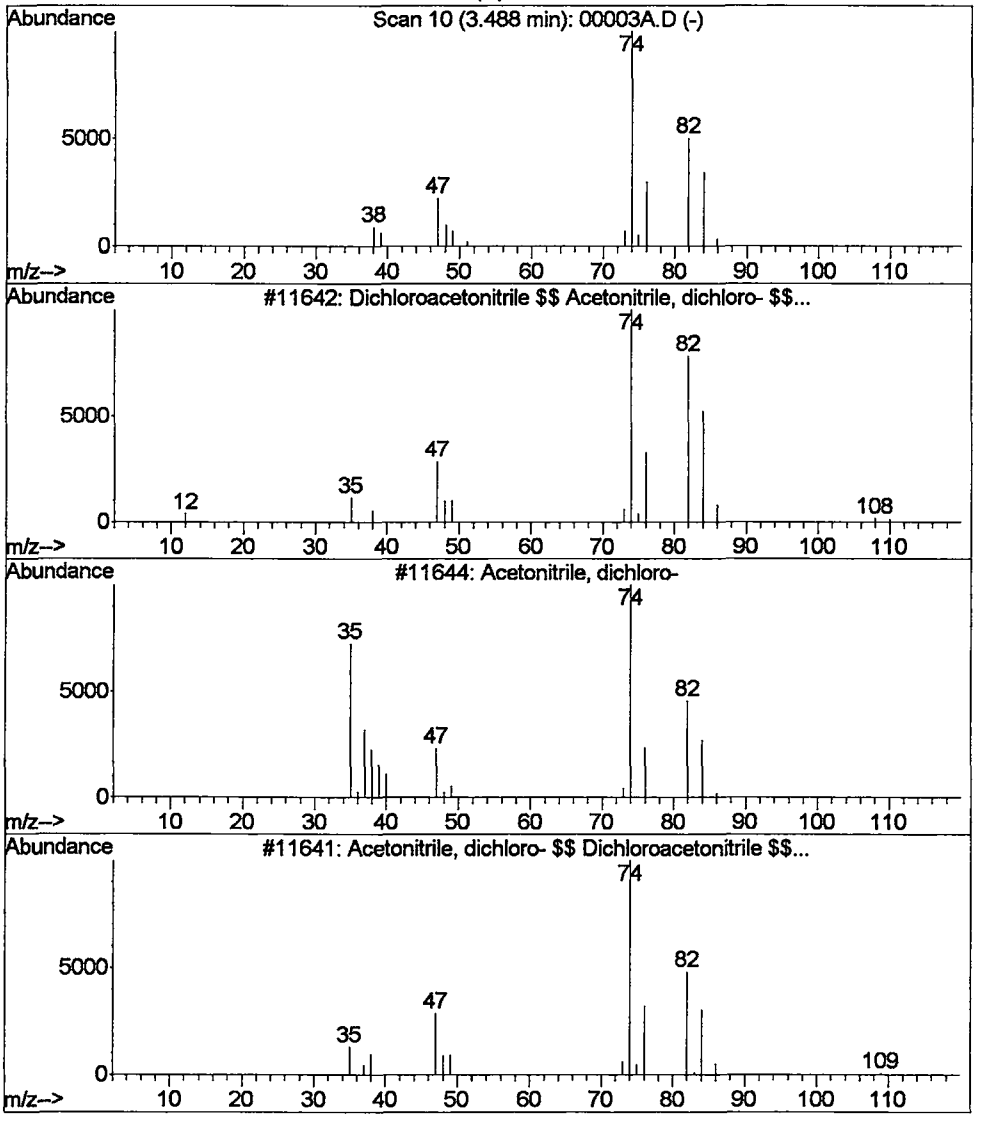
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

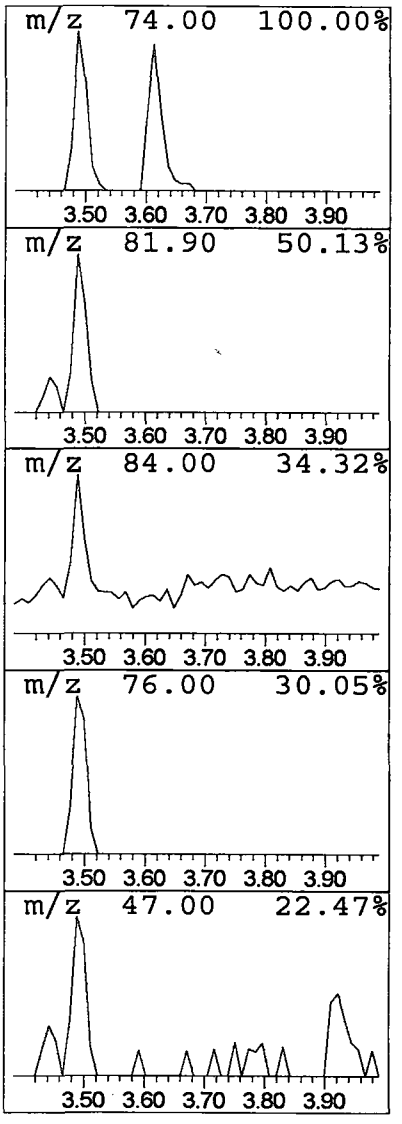
****

Peak Number 1 Dichloroacetonitrile $$ Ace... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	0.07 ug/L	56485	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	83
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	50
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	38





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MS Integration Params: LSCINT.P

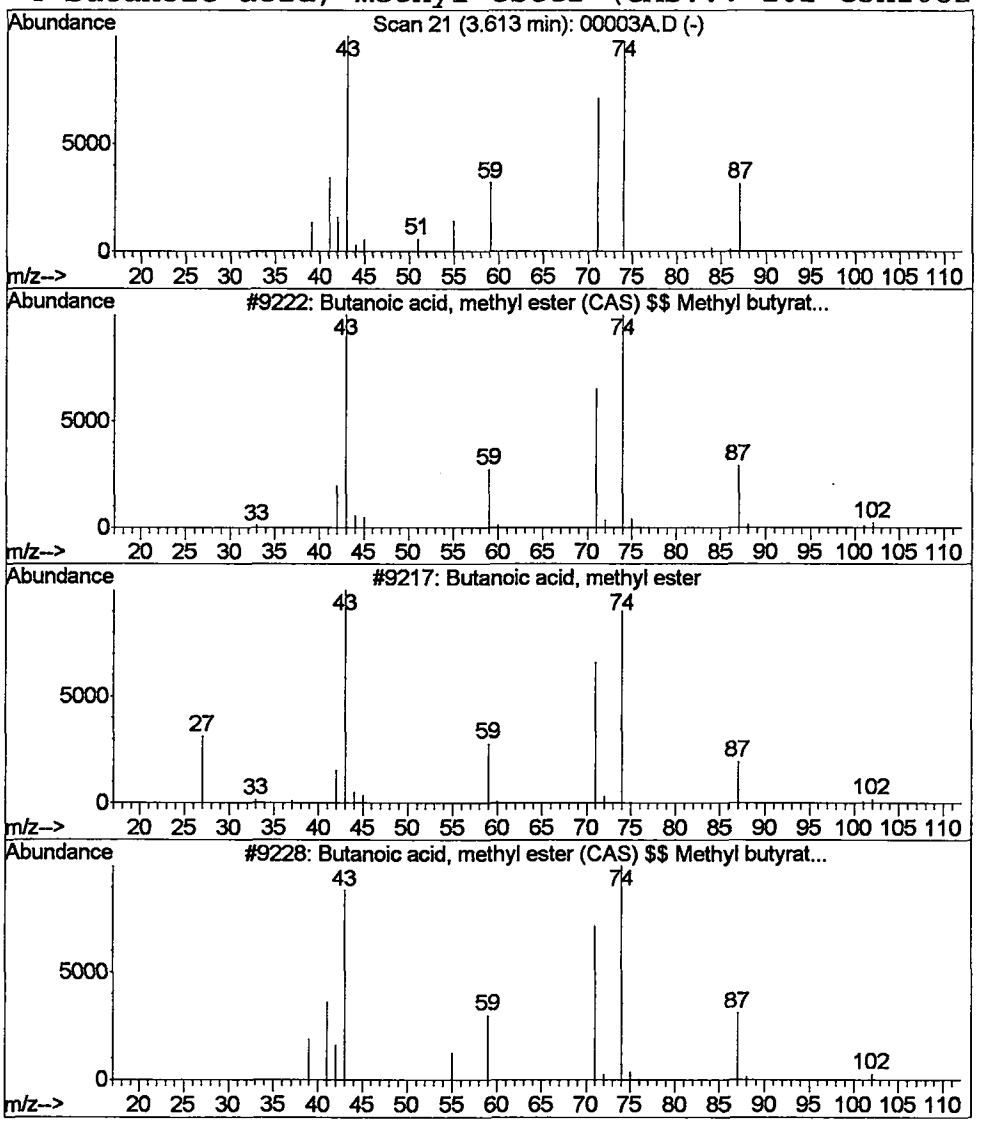
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

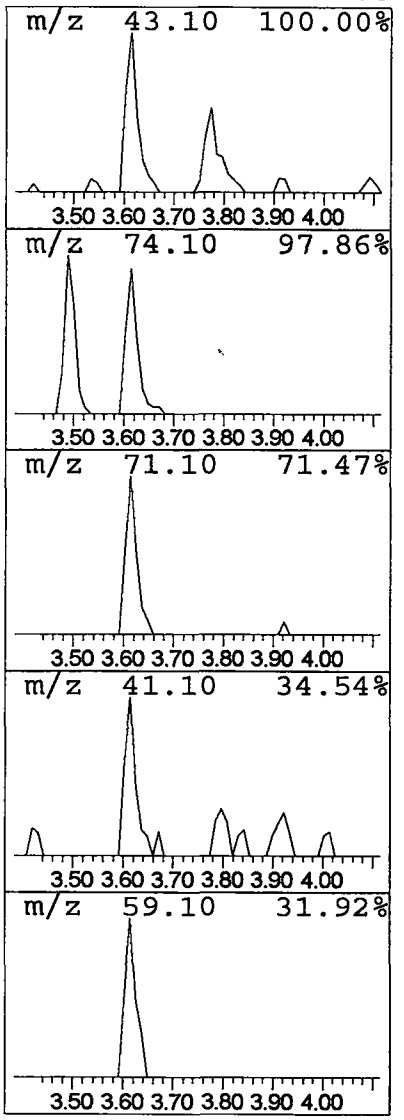
****

Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.11 ug/L	80697	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78





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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

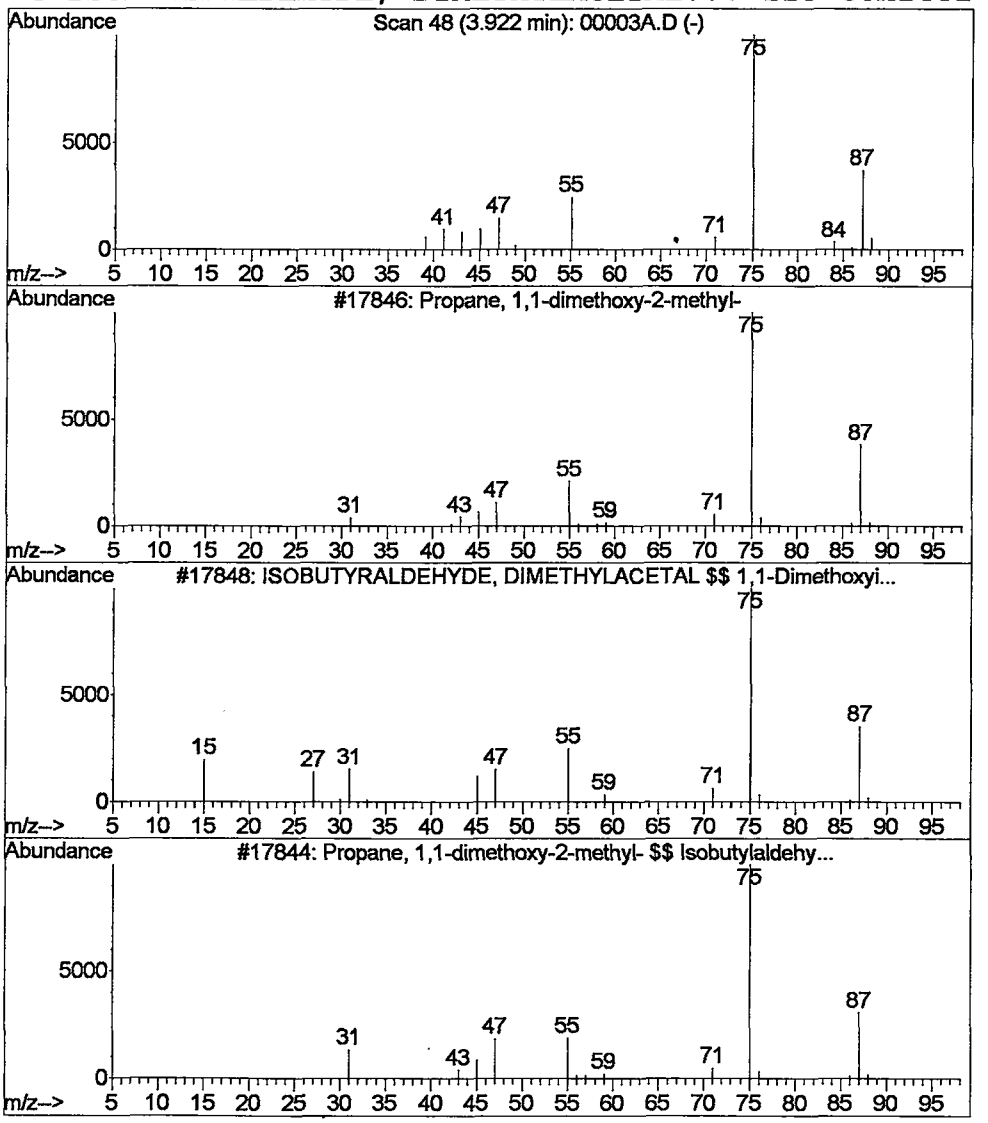
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

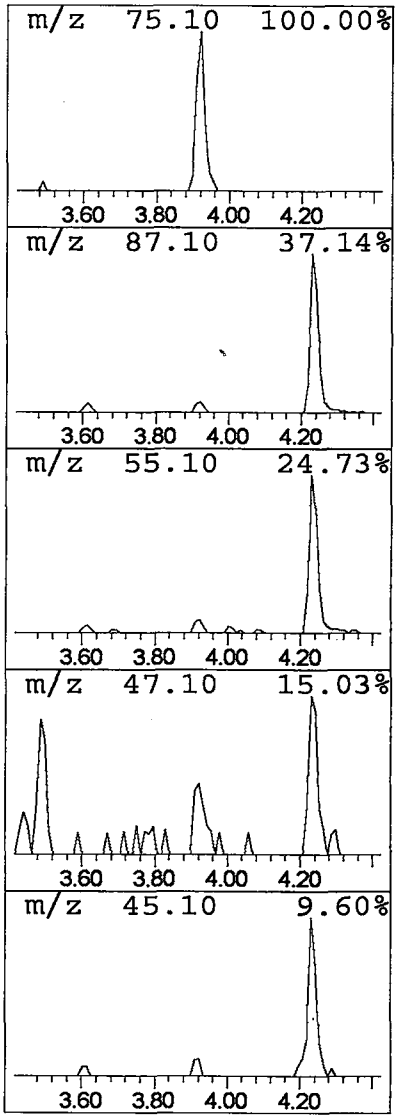
****

Peak Number 3 Propane, 1,1-dimethoxy-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.06 ug/L	42288	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	78
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	78
3	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	64
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	64





Library Search Compound Report

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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

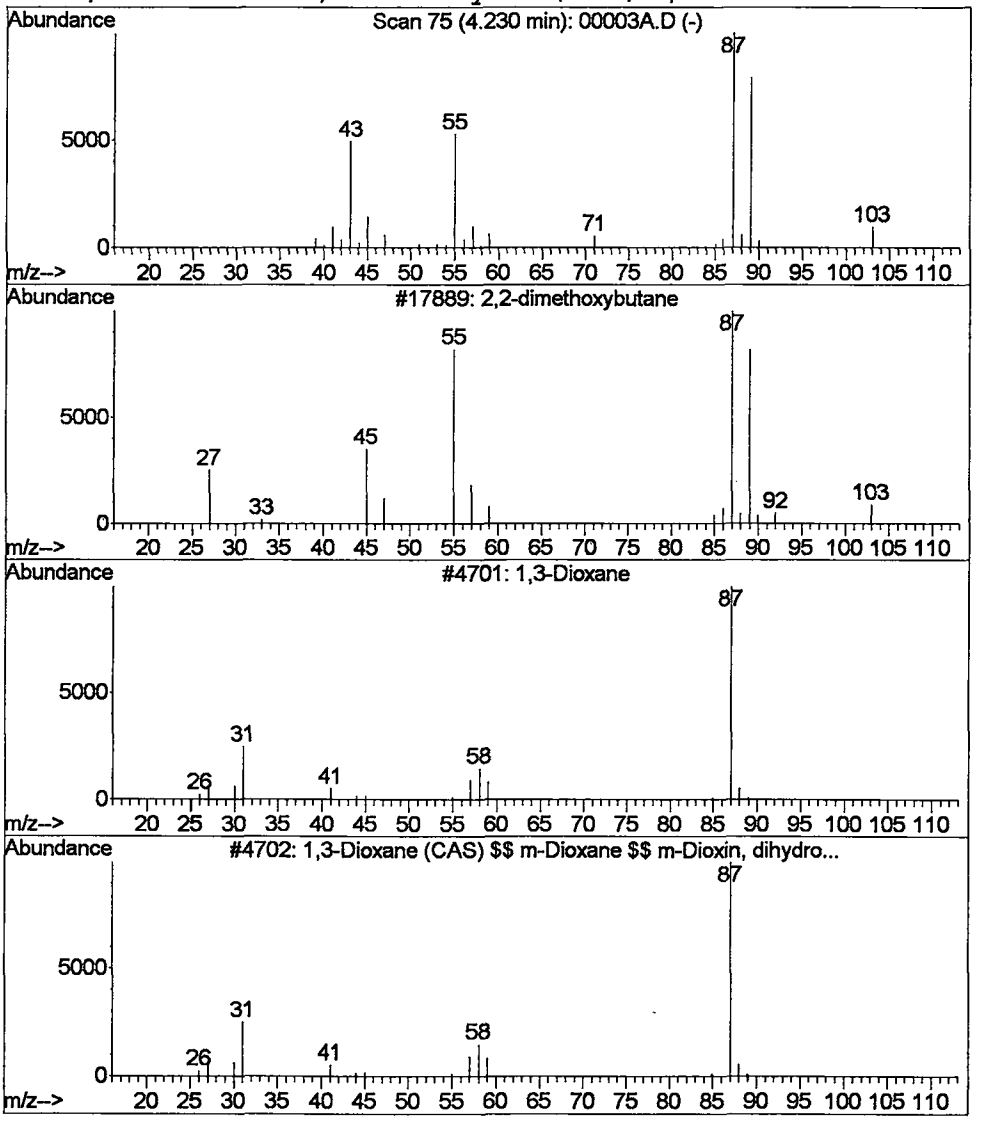
****

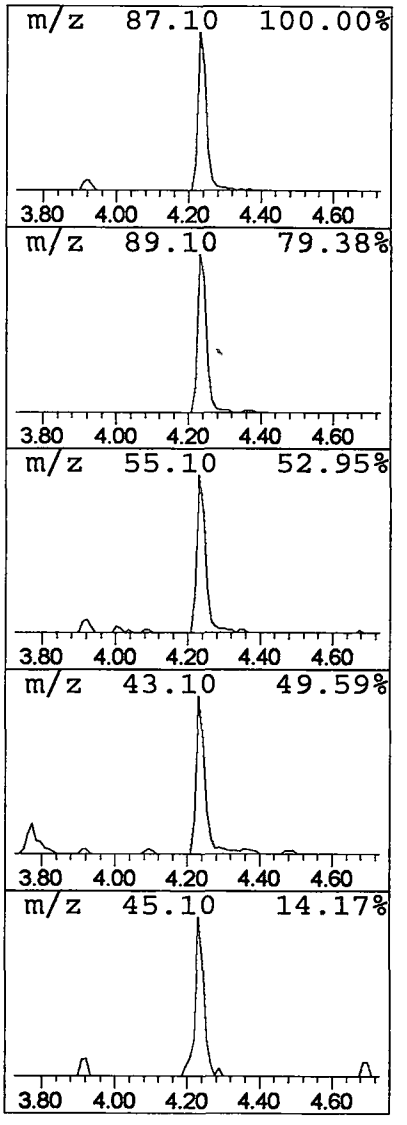
Peak Number 4 2,2-dimethoxybutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	0.56 ug/L	421269	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	74
2	1,3-Dioxane	88	C4H8O2	000505-22-6	10
3	1,3-Dioxane (CAS) $$ m-Dioxane $...	88	C4H8O2	000505-22-6	10
4	1,3-Dioxolane, 2-methyl- (CAS) $...	88	C4H8O2	000497-26-7	9

NO GOOD MATCH





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MS Integration Params: LSCINT.P

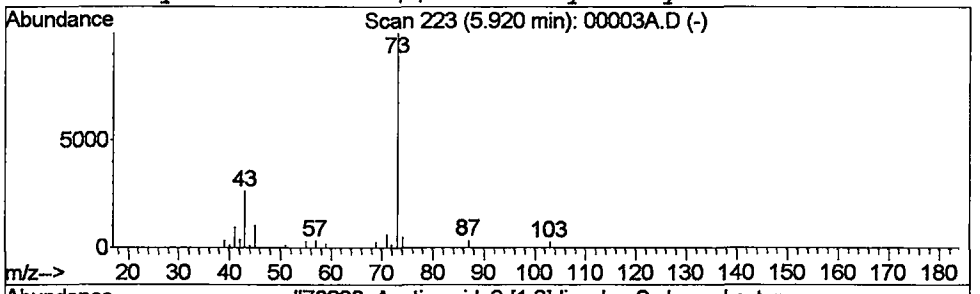
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

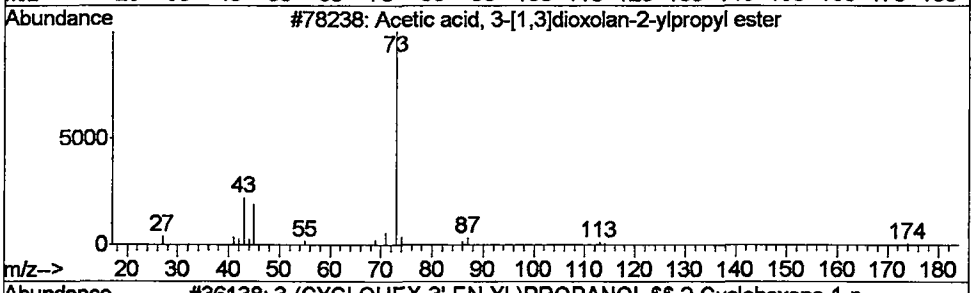
****

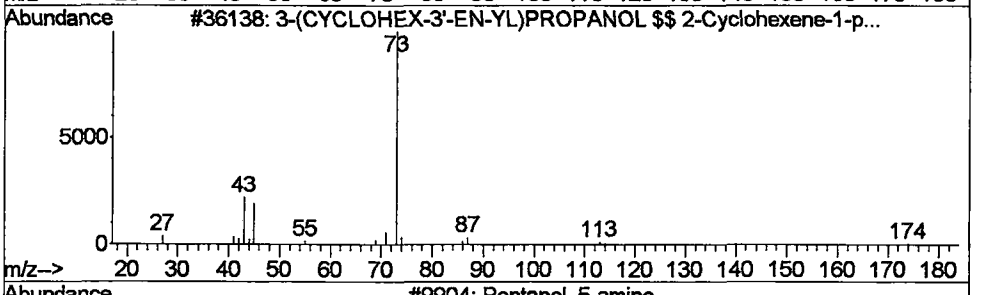
Peak Number 5 Acetic acid, 3-[1,3]dioxola... Concentration Rank 4

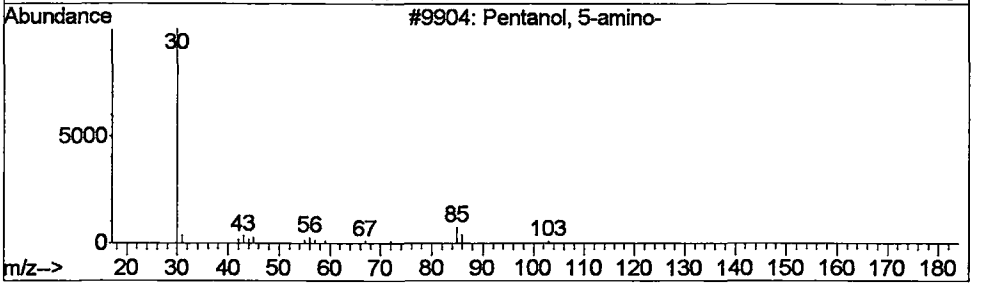
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.25 ug/L	188979	1,4-Dichlorobenzene-d4	9.71

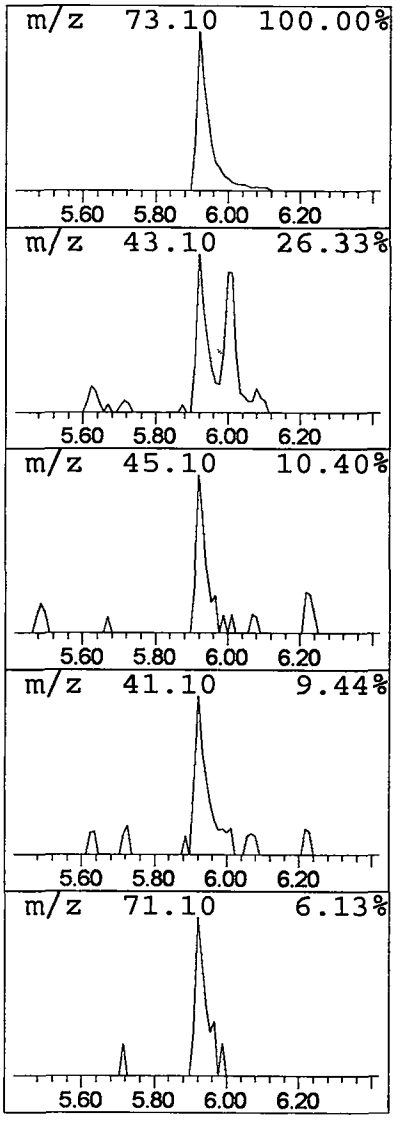
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
2	3-(CYCLOHEX-3'-EN-YL) PROPANOL $$...	174	C8H14O4	015745-87-6	36
3	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9











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Library Search Compound Report

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Acq On : 5 Feb 2002 3:46 pm Operator:
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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

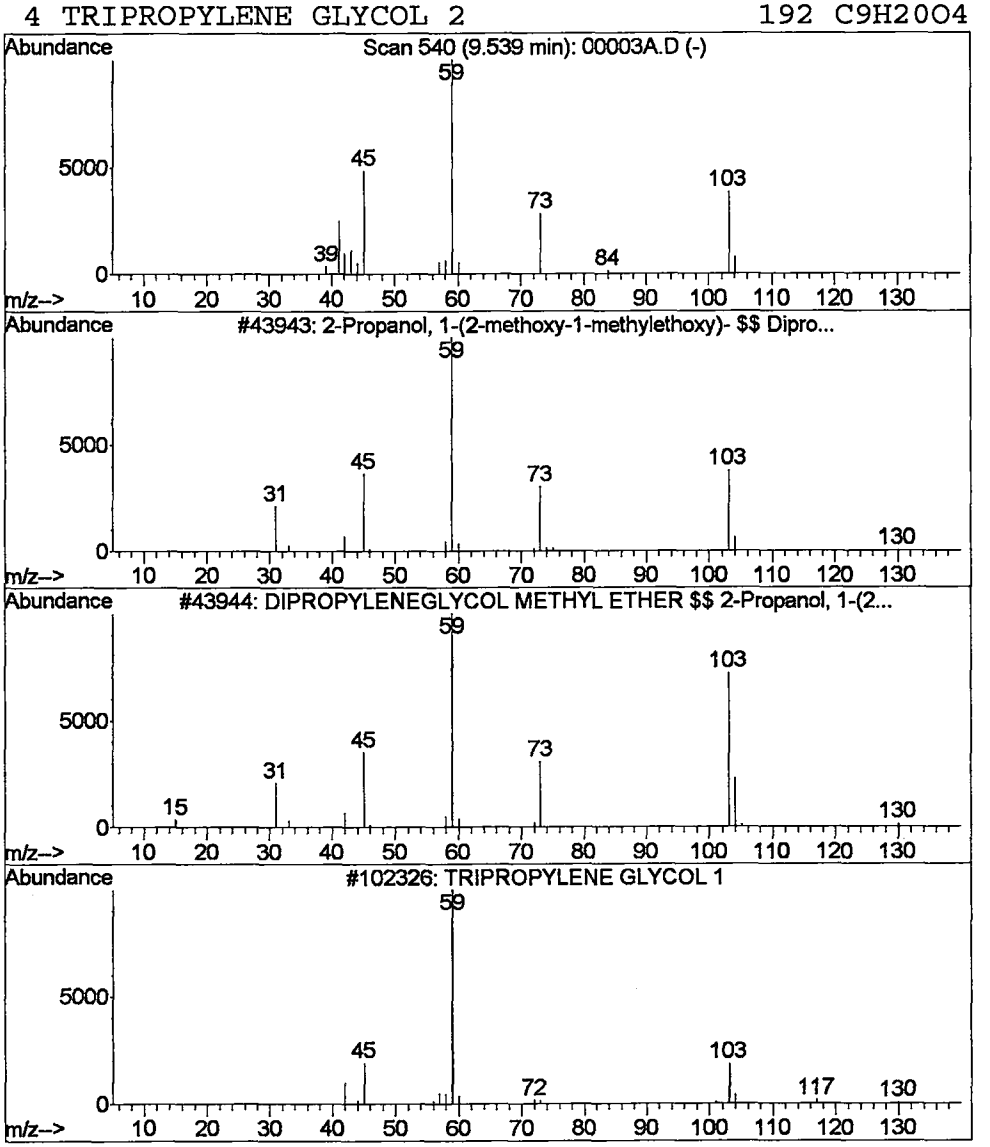
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

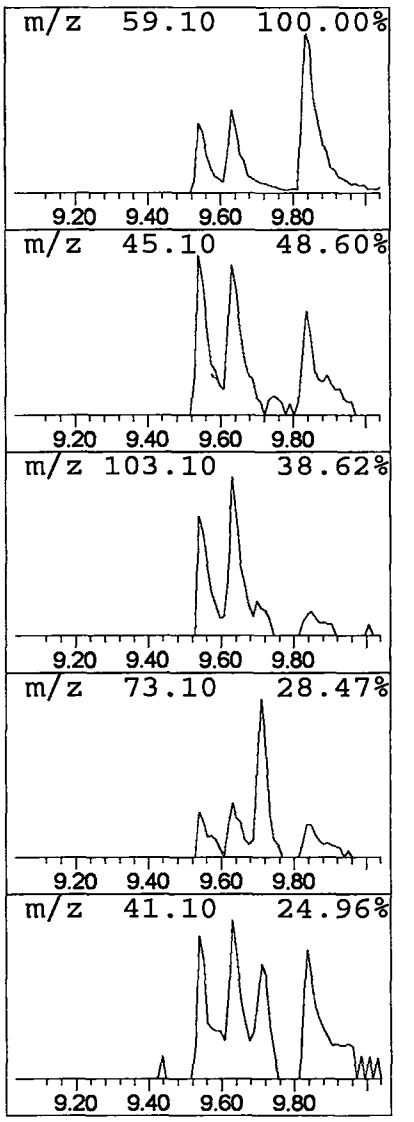
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.13 ug/L	94711	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	72
3	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	59
4	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	56





NYC-WTC_000004811

Library Search Compound Report

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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

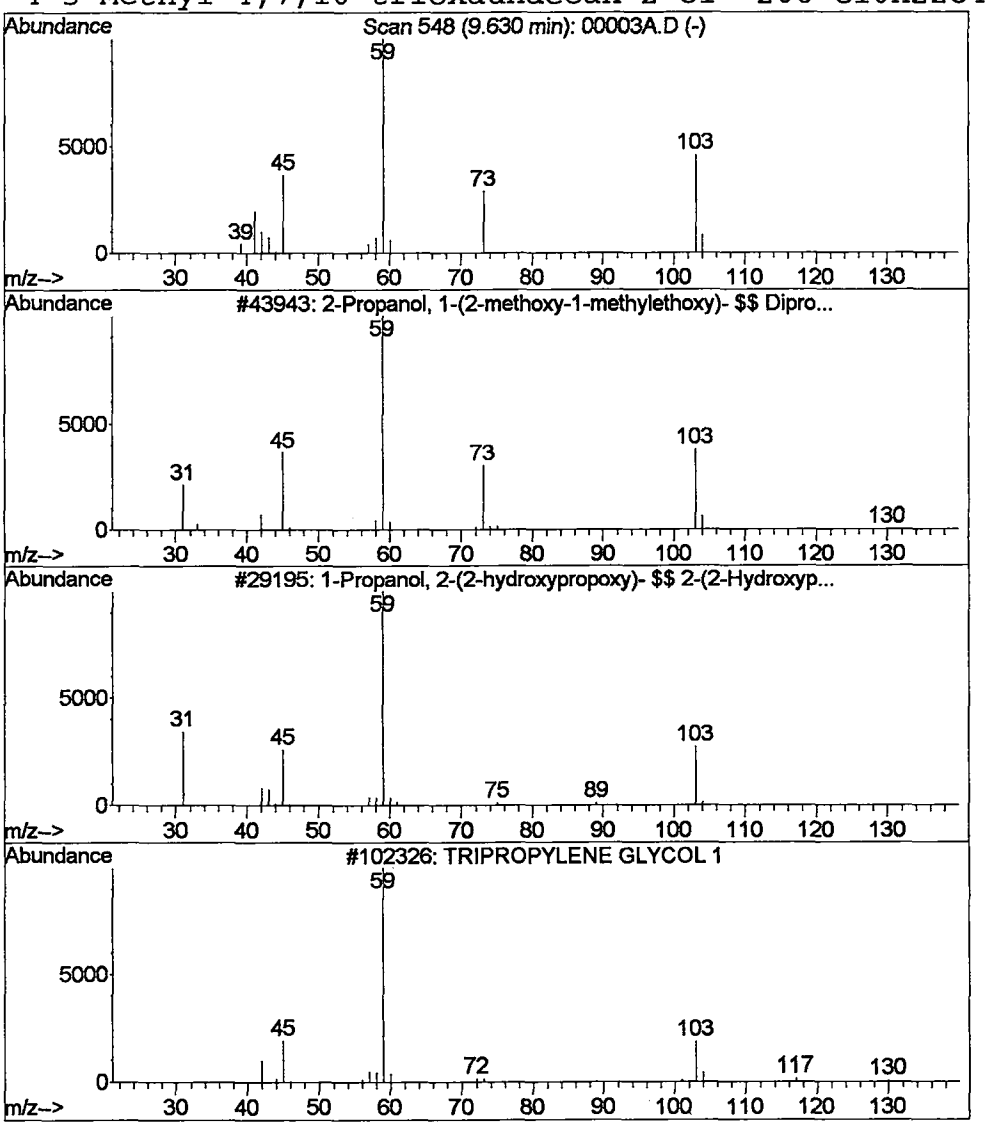
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

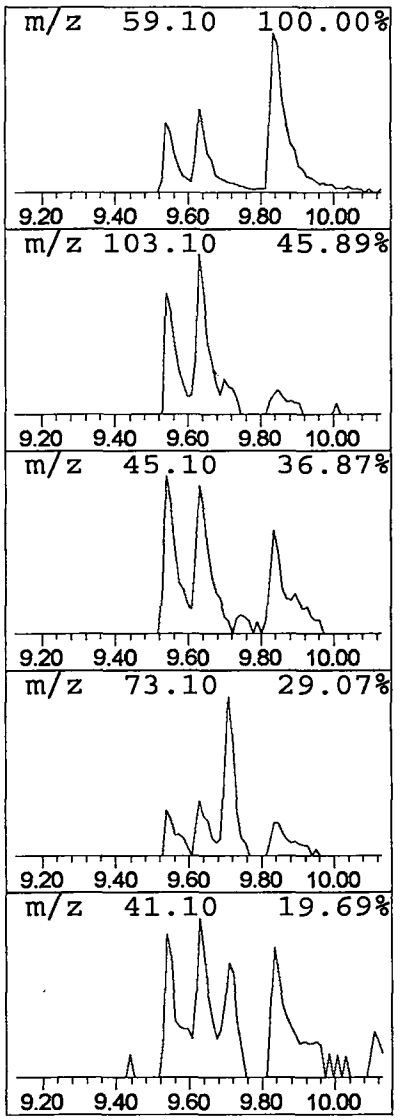
****

Peak Number 7 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.13 ug/L	101248	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	1-Propanol, 2-(2-hydroxypropoxy)...	134	C6H14O3	000106-62-7	50
3	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	39
4	5-Methyl-4,7,10-trioxaundecan-2-ol	206	C10H22O4	000000-00-0	36





NYC 9/11 Public Portal Document

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MS Integration Params: LSCINT.P

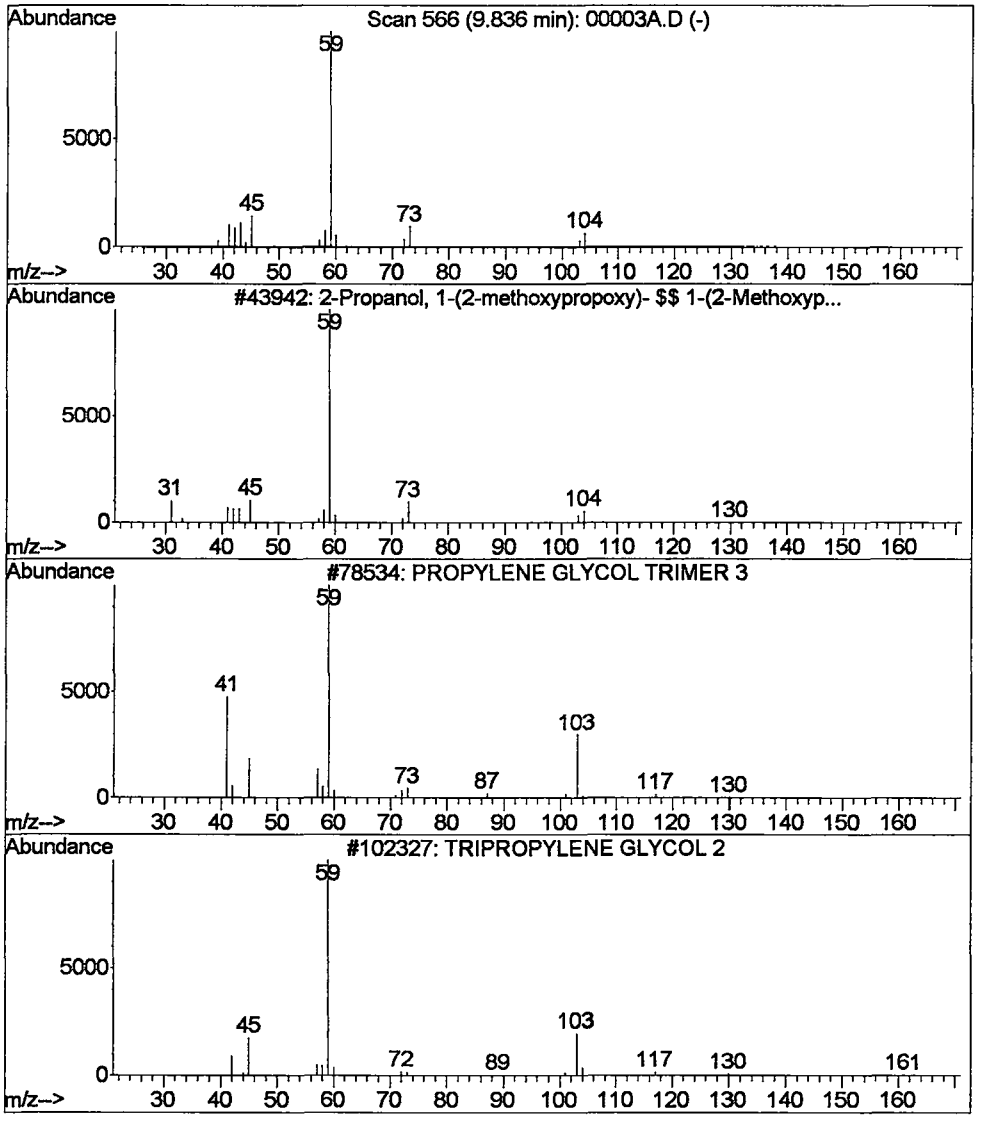
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

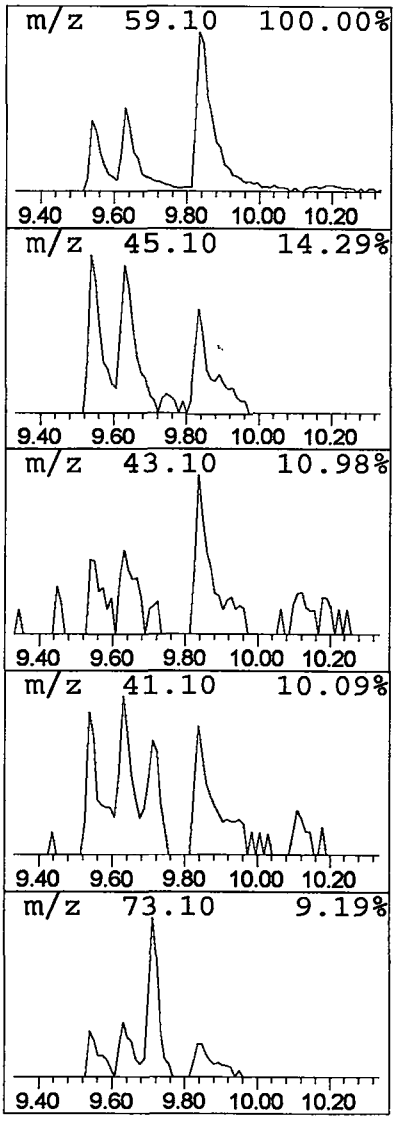
****

Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.29 ug/L	218603	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	90
2	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	72
3	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	56
4	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	56





NYC-WTC_000004813

Library Search Compound Report

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MS Integration Params: LSCINT.P

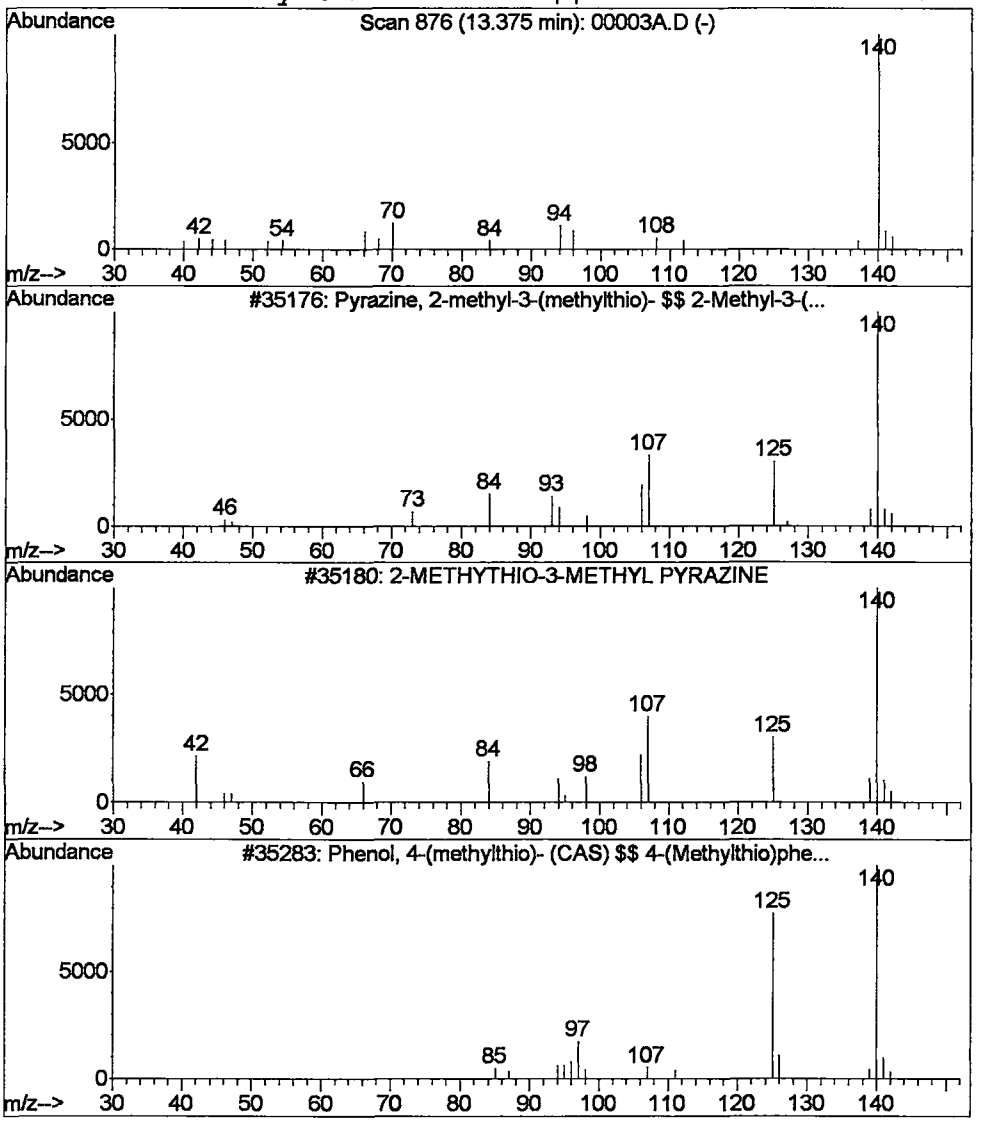
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

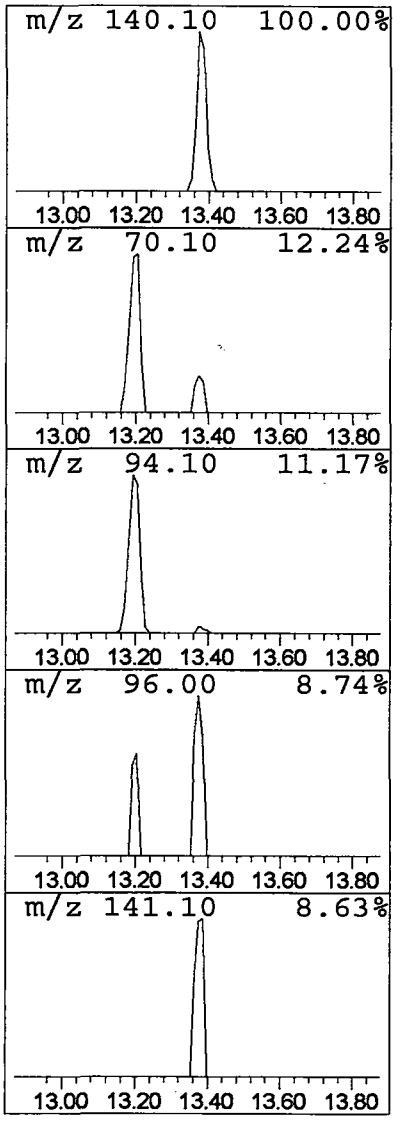
****

Peak Number 9 Pyrazine, 2-methyl-3-(methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	0.05 ug/L	57830	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, 2-methyl-3-(methylthio...	140	C6H8N2S	002882-20-4	64
2	2-METHYTHIO-3-METHYL PYRAZINE	140	C6H8N2S	002882-20-4	64
3	Phenol, 4-(methylthio)- (CAS) $$...	140	C7H8OS	001073-72-9	64
4	meta-Methoxybenzenethiol $$ 3-Me...	140	C7H8OS	015570-12-4	53





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MS Integration Params: LSCINT.P

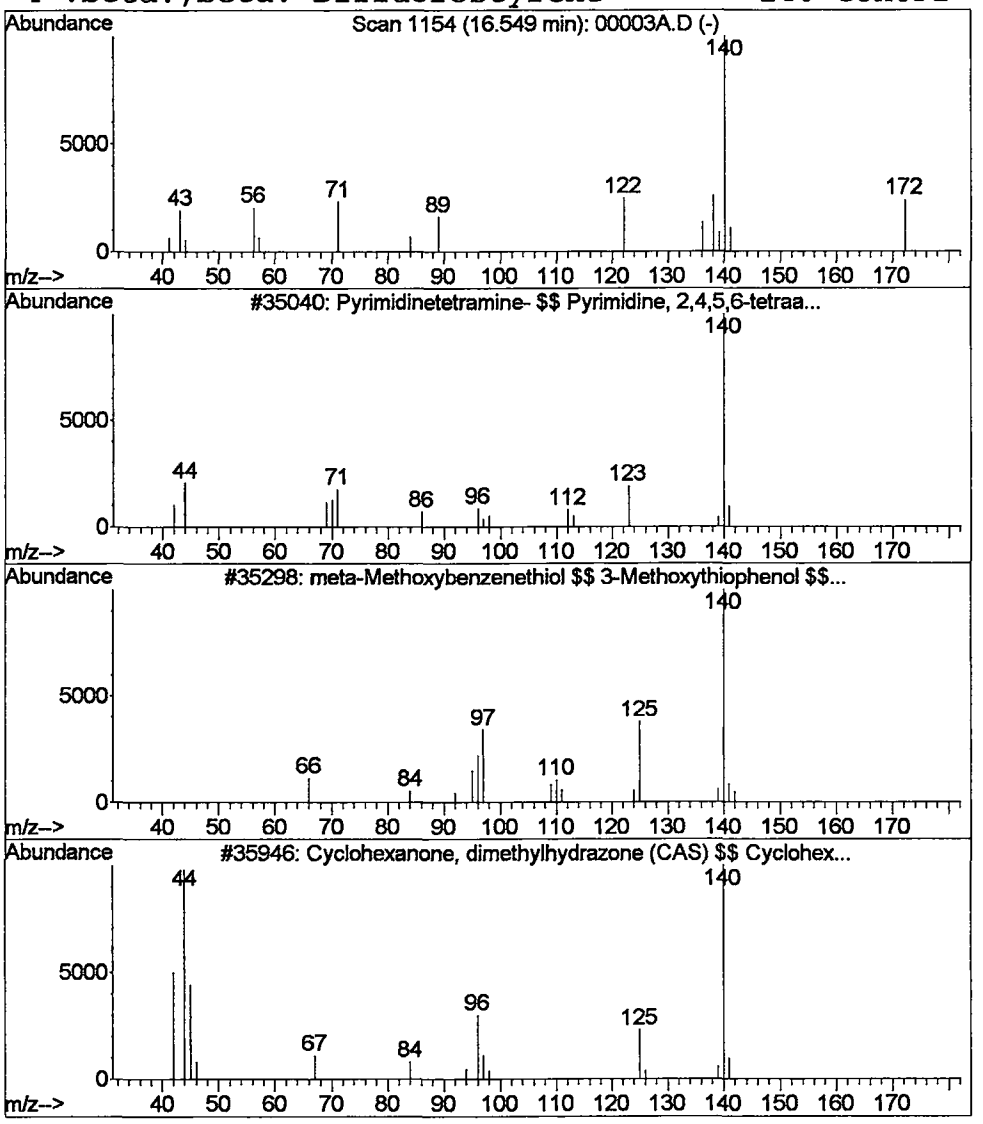
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

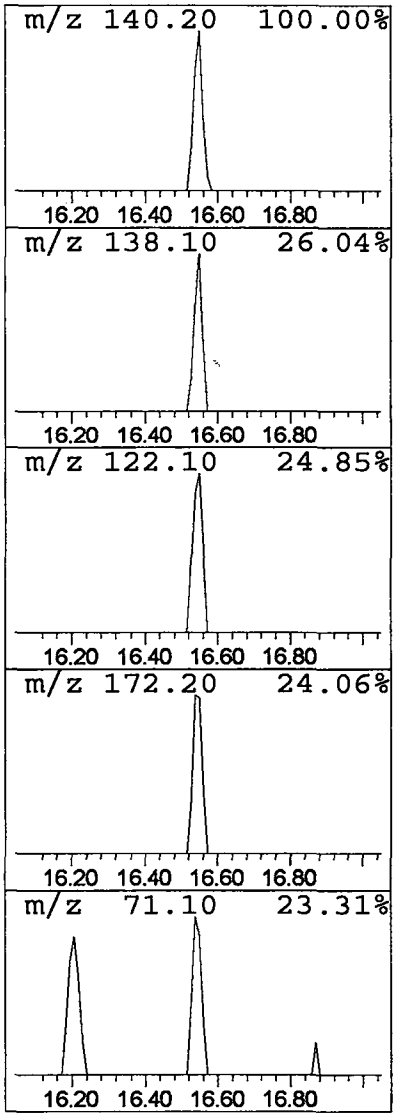
****

Peak Number 10 Pyrimidinetetramine- $$ Pyr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	59892	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	23
2	meta-Methoxybenzenethiol $$ 3-Me...	140	C7H8OS	015570-12-4	9
3	Cyclohexanone, dimethylhydrazone...	140	C8H16N2	010424-93-8	9
4	.beta.,beta.-Difluorostyrene	140	C8H6F2	000000-00-0	9





Library Search Compound Report

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Acq On : 5 Feb 2002 3:46 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

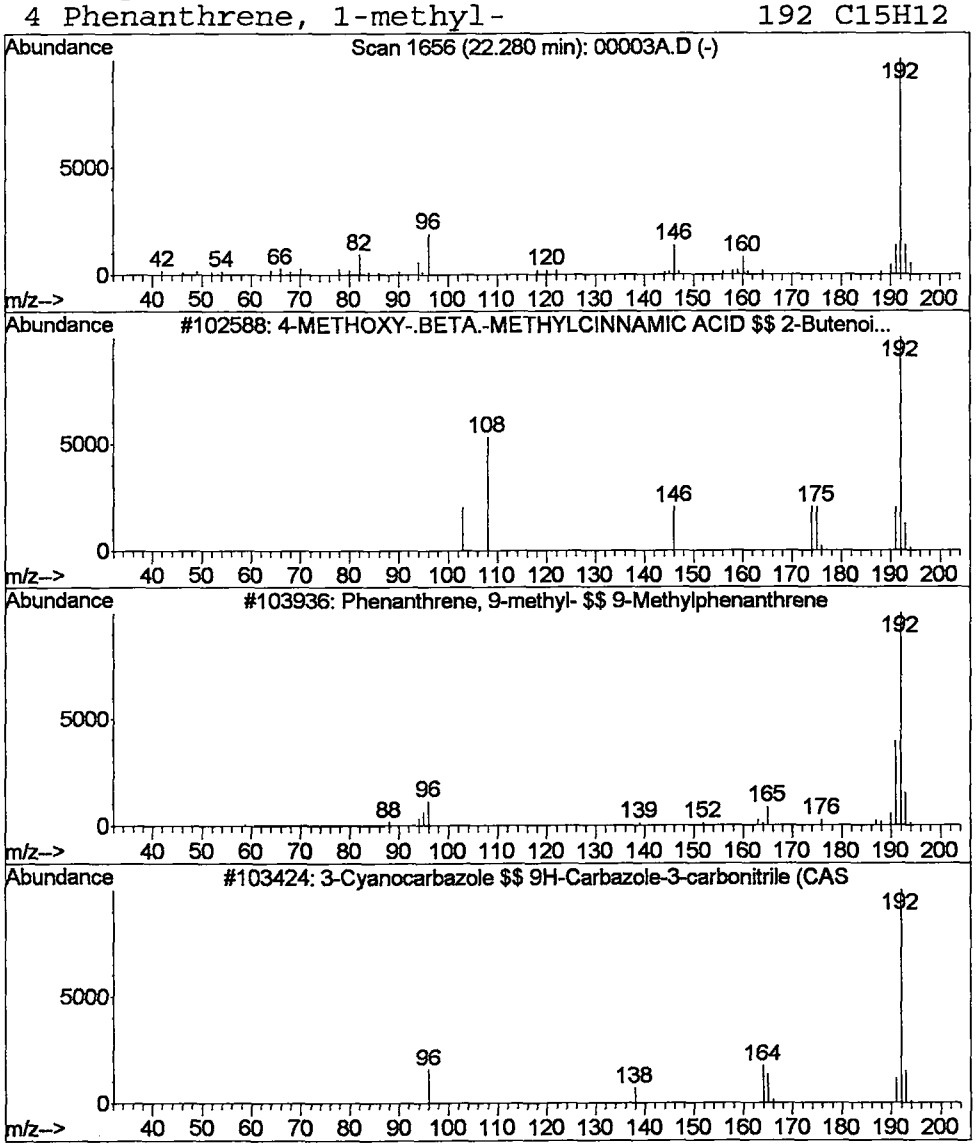
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

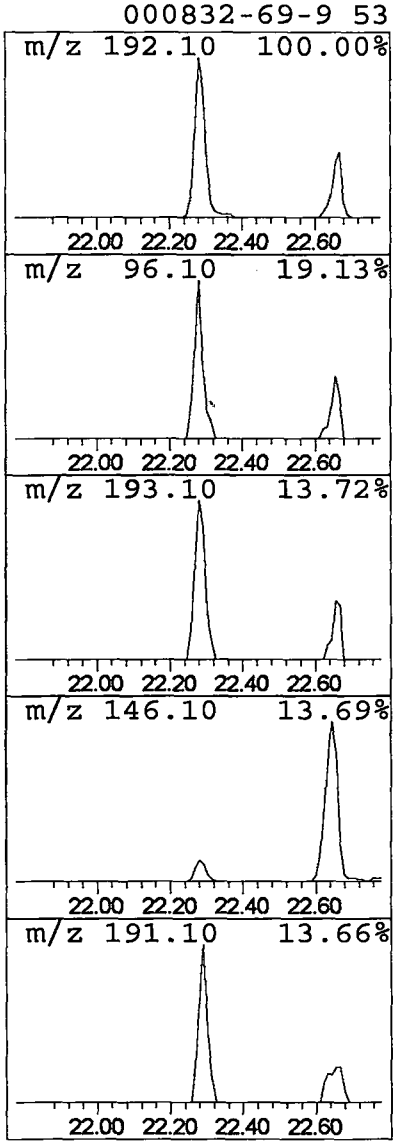
****

Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.17 ug/L	206220	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	64
3	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53





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Misc : February 5, 2002 Multiplr: 1.00
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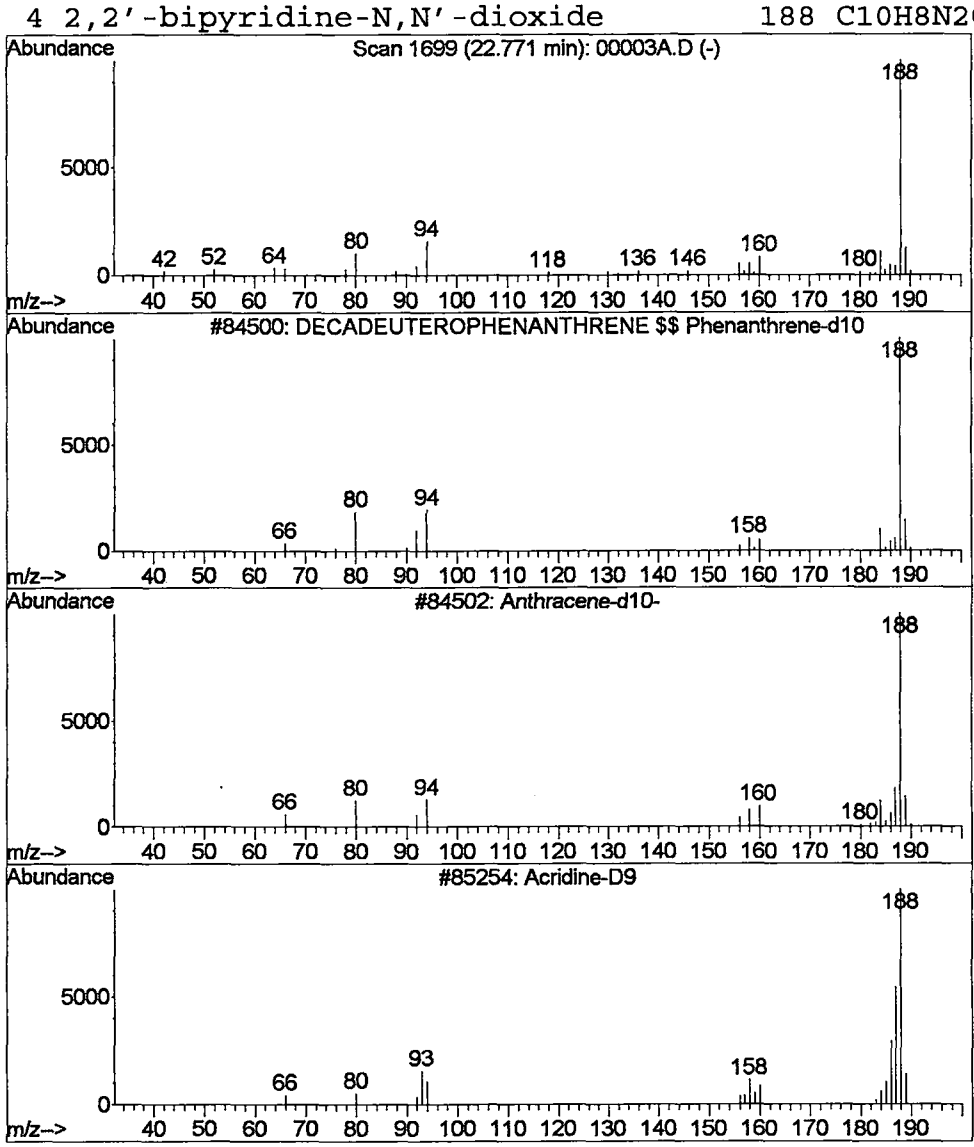
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

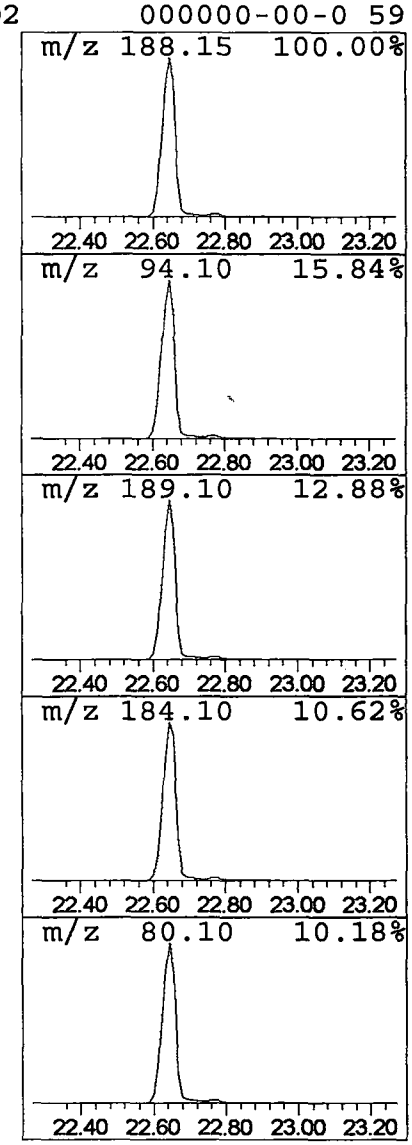
****

Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.37 ug/L	437426	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Anthracene-d10-	188	C14D10	001719-06-8	86
3	Acridine-D9	188	C13D9N	000000-00-0	64
4	2,2'-bipyridine-N,N'-dioxide	188	C10H8N2O2	000000-00-0	59





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00003A.D Vial: 2
Acq On : 5 Feb 2002 3:46 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

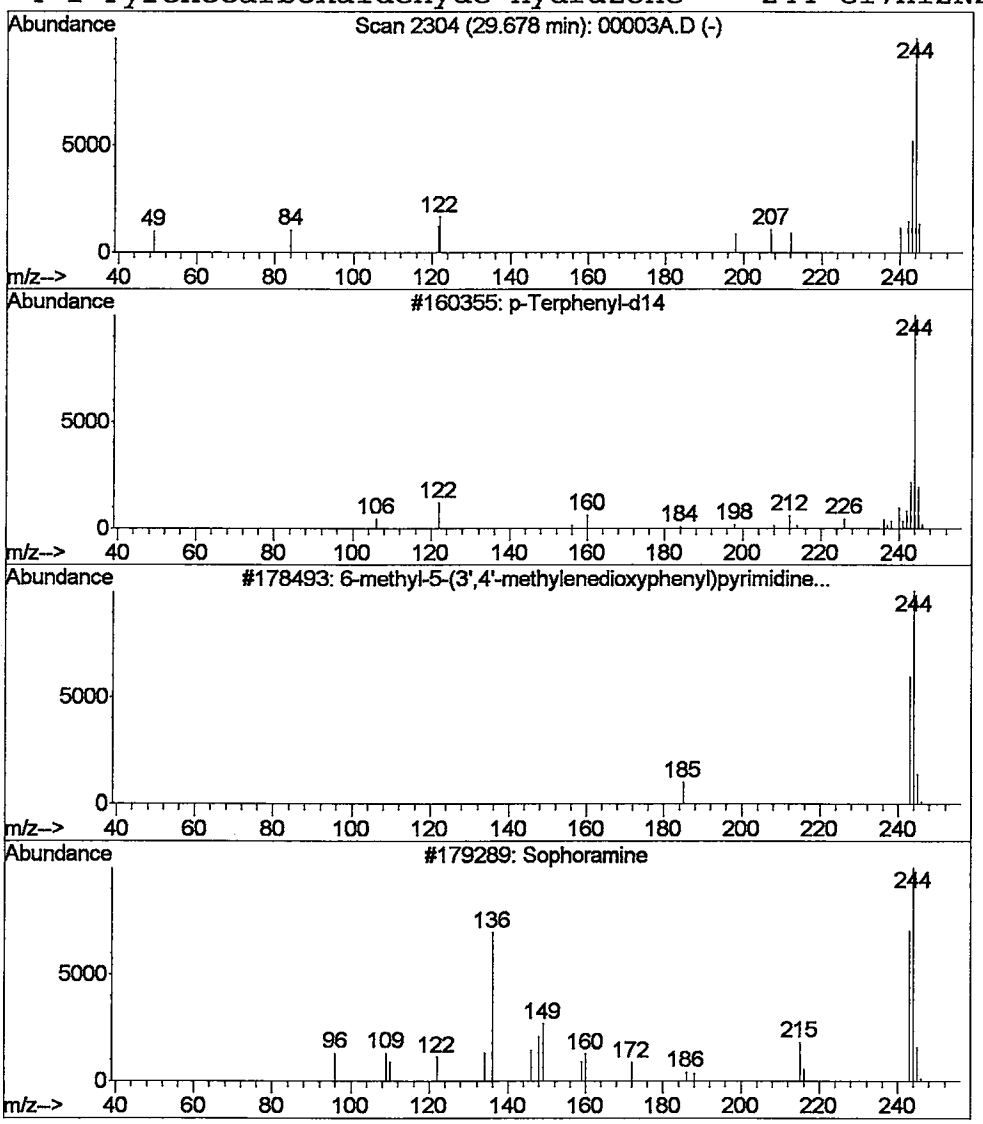
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

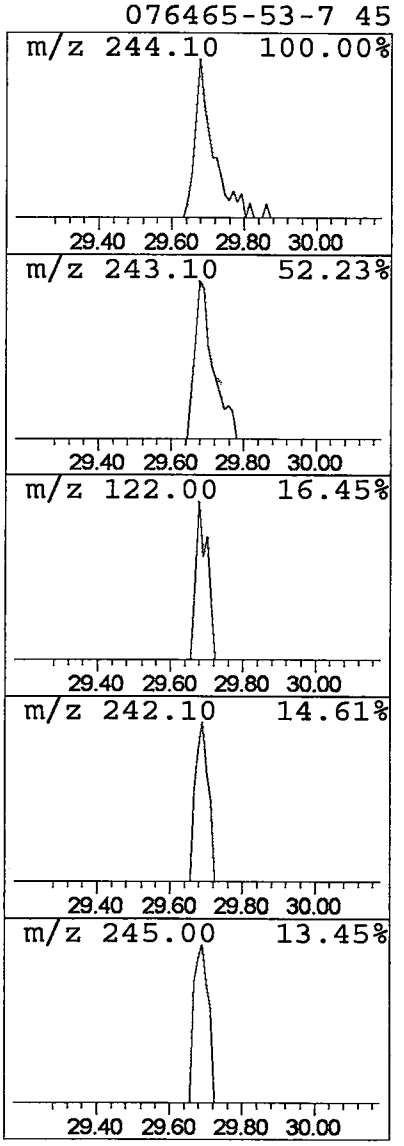
****

Peak Number 13 p-Terphenyl-d14 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.68	0.04 ug/L	51671	Chrysene-d12	30.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Terphenyl-d14	244	C18D14	001718-51-0	53
2	6-methyl-5-(3',4'-methylenedioxy...	244	C12H12N4O2	000000-00-0	50
3	Sophoramine	244	C15H20N2O	006882-66-2	45
4	1-Pyrenecarboxaldehyde hydrazone	244	C17H12N2	076465-53-7	45





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Feb 2002 3:46 pm
Data File: C:\MSDCHEM\1\5973N\02FEB05\00003A.D
Name: 508 scan; re-ext
Misc: February 5, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP020702.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Dichloroacetonitr...	3.49	0.1	ug/L	56485	1	9.71	15089700	20.0
Butanoic acid, me...	3.61	0.1	ug/L	80697	1	9.71	15089700	20.0
Propane, 1,1-dime...	3.92	0.1	ug/L	42288	1	9.71	15089700	20.0
2,2-dimethoxybutane	4.23	0.6	ug/L	421269	1	9.71	15089700	20.0
Acetic acid, 3-[1...	5.92	0.3	ug/L	188979	1	9.71	15089700	20.0
2-Propanol, 1-(2-...	9.54	0.1	ug/L	94711	1	9.71	15089700	20.0
2-Propanol, 1-(2-...	9.63	0.1	ug/L	101248	1	9.71	15089700	20.0
2-Propanol, 1-(2-...	9.84	0.3	ug/L	218603	1	9.71	15089700	20.0
Pyrazine, 2-methy...	13.37	0.1	ug/L	57830	2	13.20	21220800	20.0
Pyrimidinetetrami...	16.55	0.1	ug/L	59892	3	18.34	22479300	20.0
4-METHOXY-.BETA.-...	22.28	0.2	ug/L	206220	4	22.65	23944800	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	437426	4	22.65	23944800	20.0
p-Terphenyl-d14	29.68	0.0	ug/L	51671	5	30.51	23474700	20.0

NYC-WTC_000004819

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 09:30:22

Sample: AE00004
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/26/02 09:30 Ended: 2/26/02 09:30 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AE00004 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-26-2002 Time: 10:32:34

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:08 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2730637	20.00	ug/L	-0.01
10) Naphthalene-d8	13.20	136	11488033	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.35	164	5993877	20.00	ug/L	0.00
29) Phenanthrene-d10	22.65	188	9884097	20.00	ug/L	-0.02
38) Chrysene-d12	30.51	240	8665719	20.00	ug/L	0.00
44) Perylene-d12	34.43	264	6357967	20.00	ug/L	0.01
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	465353	4.01	ug/L	0.00
Spiked Amount 5.000			Recovery = 80.20%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.35	163	968188	2.45	ug/L	# 55
21) 2,6-Dinitrotoluene	18.34	165	762549	9.88	ug/L	# 17

blank

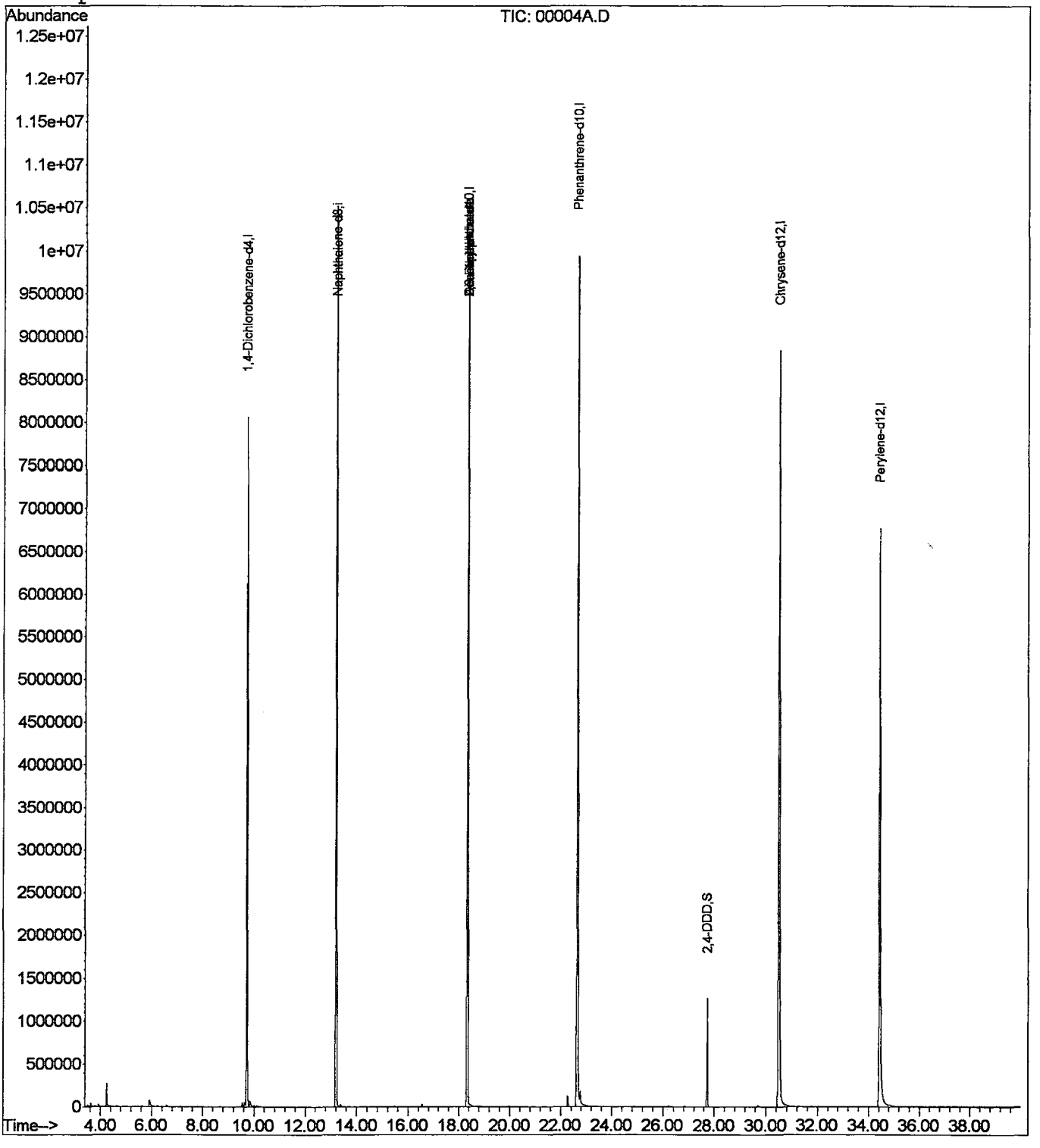
(#) = qualifier out of range (m) = manual integration
00004A.D SCAN508.M Thu Feb 21 10:12:09 2002 Page 1

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration



NYC-WTC_000004823

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP020702.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.613	19	21	27	rBV	40981	75040	0.29%	0.053%
2	3.933	45	49	53	rVB	23813	42323	0.16%	0.030%
3	4.241	71	76	81	rBV	269819	437371	1.67%	0.311%
4	5.920	221	223	229	rBV	74567	170099	0.65%	0.121%
5	9.539	537	540	545	rBV	49374	112783	0.43%	0.080%
6	9.630	545	548	551	rVV	52534	121459	0.46%	0.086%
7	9.710	551	555	561	rVV	8059845	15932881	60.78%	11.331%
8	9.836	561	566	579	rVV	69065	218512	0.83%	0.155%
9	13.204	855	861	865	rBV	10518449	22481137	85.76%	15.987%
10	13.375	873	876	891	rVB	29680	72215	0.28%	0.051%
11	16.549	1149	1154	1157	rVV	33234	60995	0.23%	0.043%
12	18.341	1305	1311	1317	rBV	10188717	24323386	92.78%	17.298%
13	18.421	1317	1318	1337	rVB5	29261	131819	0.50%	0.094%
14	22.280	1651	1656	1661	rBV2	124114	231903	0.88%	0.165%
15	22.645	1681	1688	1693	rBV2	9937381	26214973	100.00%	18.643%
16	22.771	1697	1699	1719	rVB	175447	517863	1.98%	0.368%
17	27.726	2129	2133	2139	rBV	1265871	2275212	8.68%	1.618%
18	29.690	2301	2305	2315	rBV	15144	52379	0.20%	0.037%
19	30.512	2369	2377	2409	rBV2	8841306	25480454	97.20%	18.120%
20	34.428	2713	2720	2767	rBV2	6771611	21664631	82.64%	15.407%

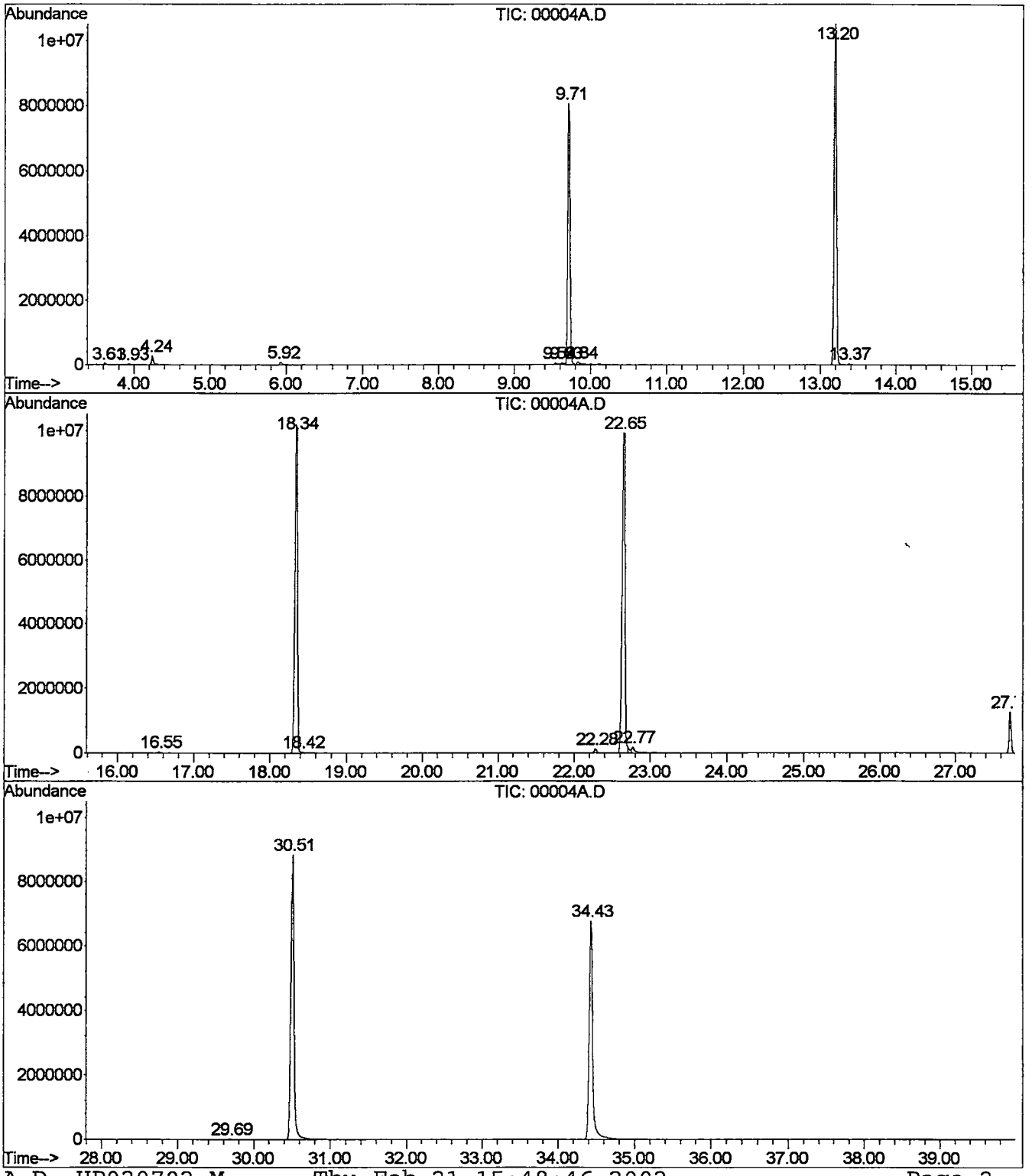
Sum of corrected areas: 140617435

NYC-WTC_000004824

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D
Operator :
Acquired : 5 Feb 2002 4:36 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan; re-ext
Misc Info : February 5, 2002
Vial Number: 3
Quant File :HP020702.RES (RTE Integrator)



NYC-WTC_000004825

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

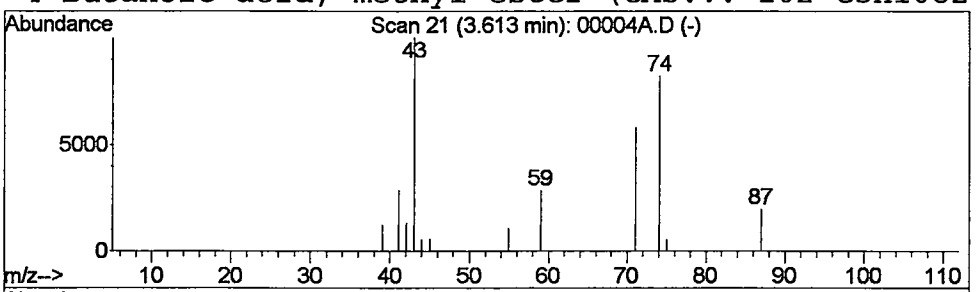
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

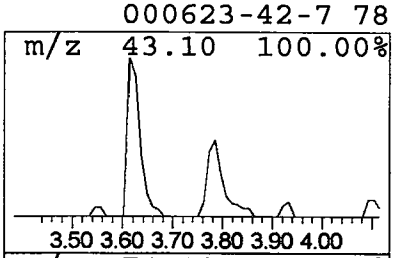
****

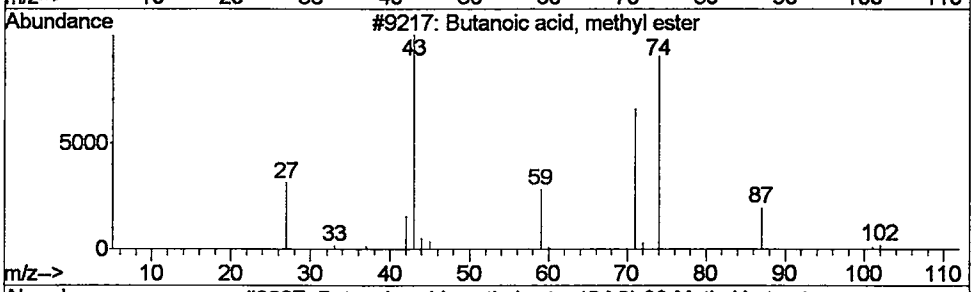
Peak Number 1 Butanoic acid, methyl ester Concentration Rank 9

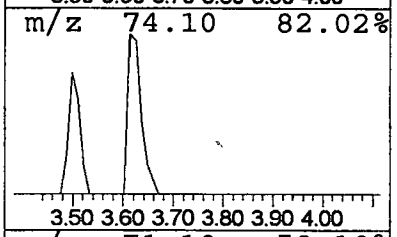
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.09 ug/L	75040	1,4-Dichlorobenzene-d4	9.71

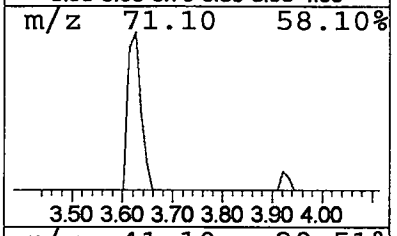
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78

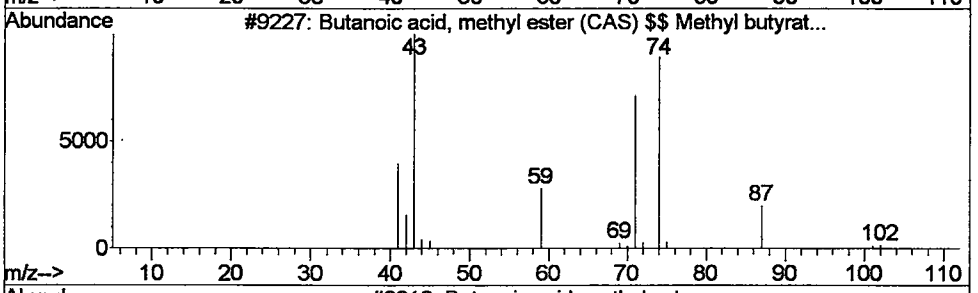


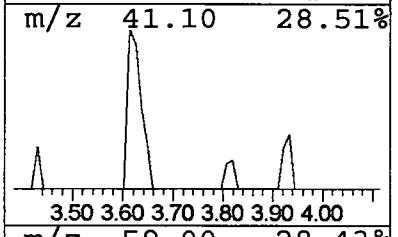


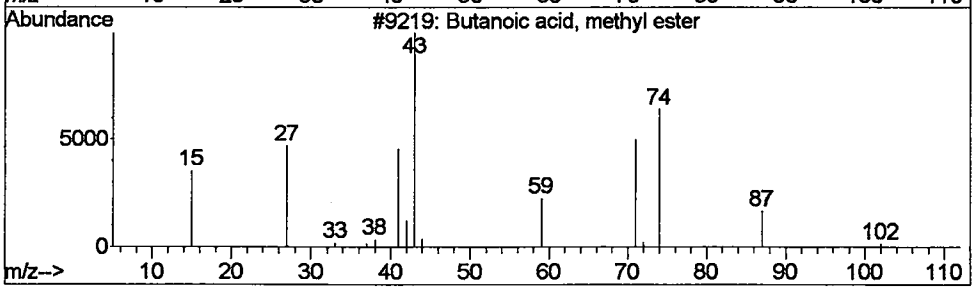


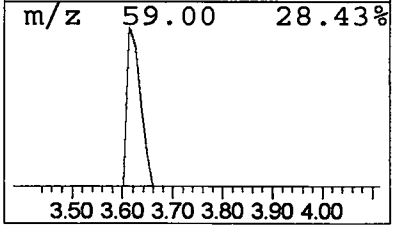












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

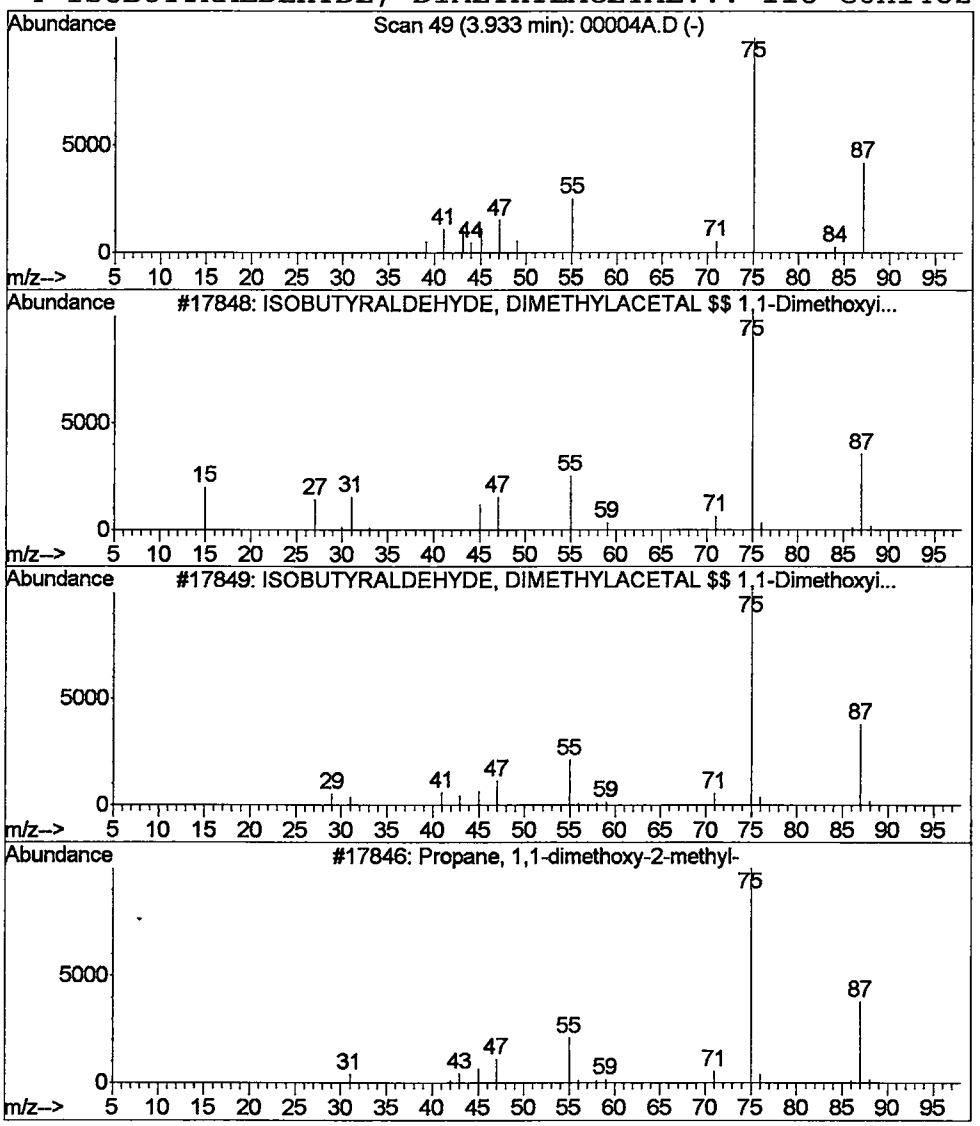
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

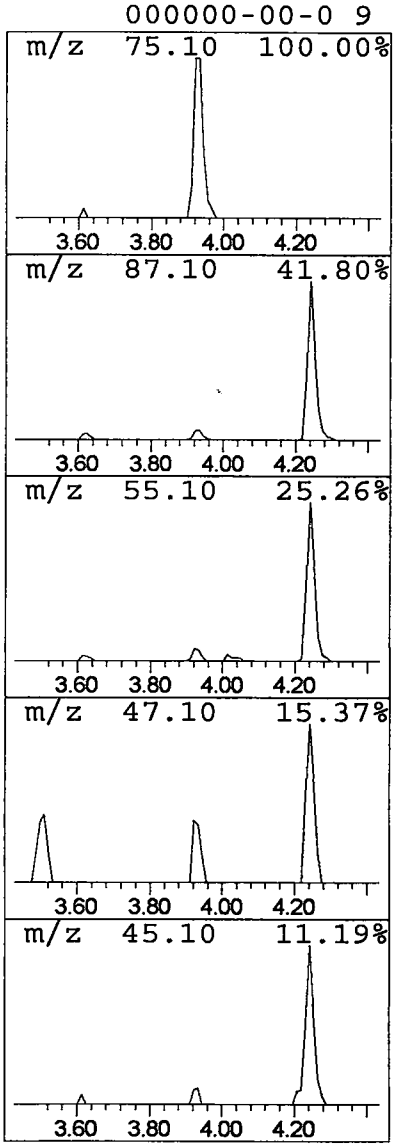
****

Peak Number 2 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.05 ug/L	42323	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
3	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	74
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

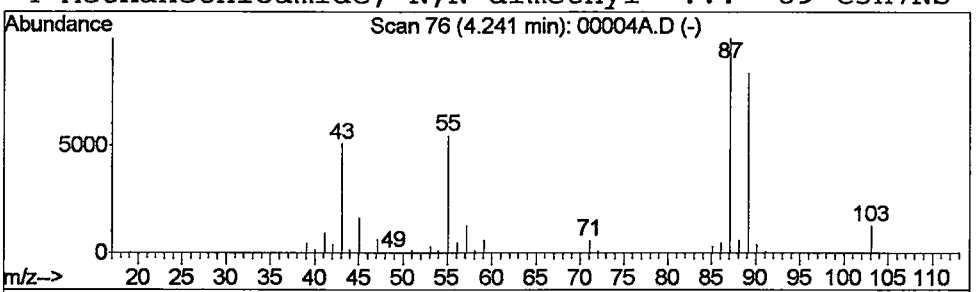
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

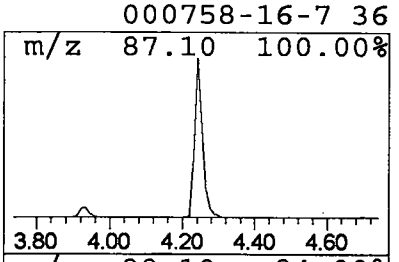
****

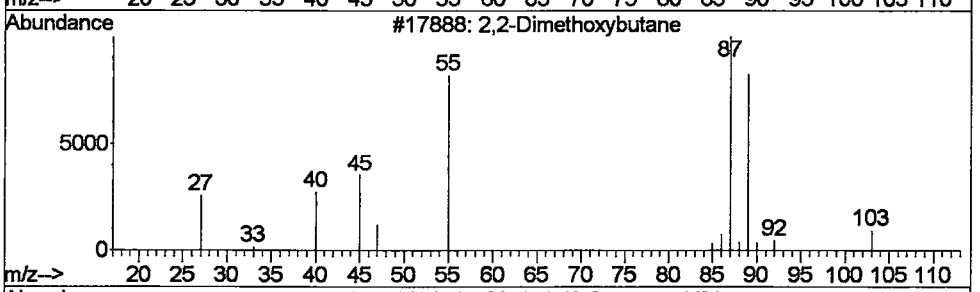
Peak Number 3 2,2-Dimethoxybutane Concentration Rank 1

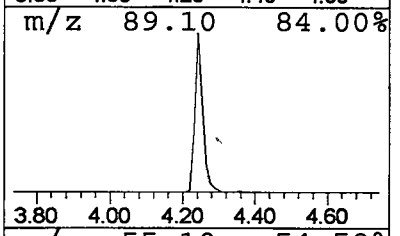
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.55 ug/L	437371	1,4-Dichlorobenzene-d4	9.71

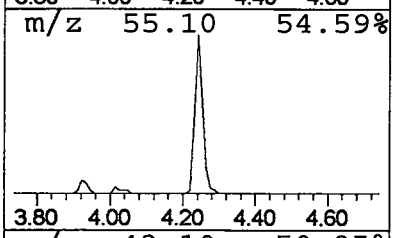
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	43
2	Methyl 1-Methyl-d3-2-propenyl Ether	89	C5H7D3O	000000-00-0	42
3	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	36
4	Methanethioamide, N,N-dimethyl- ...	89	C3H7NS	000758-16-7	36

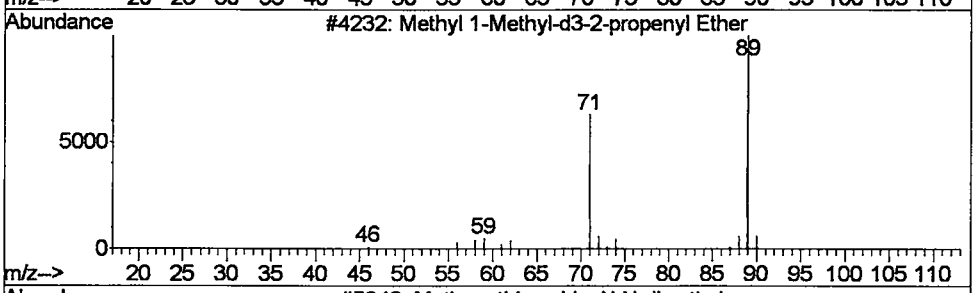


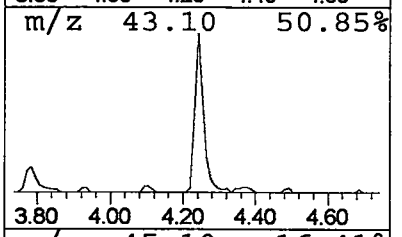


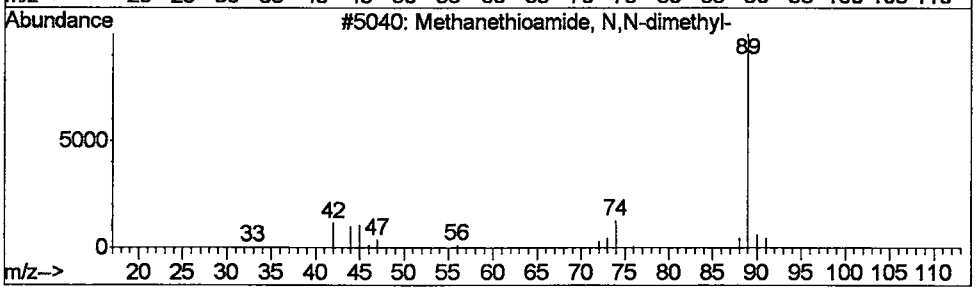


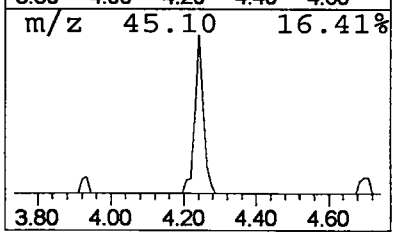












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

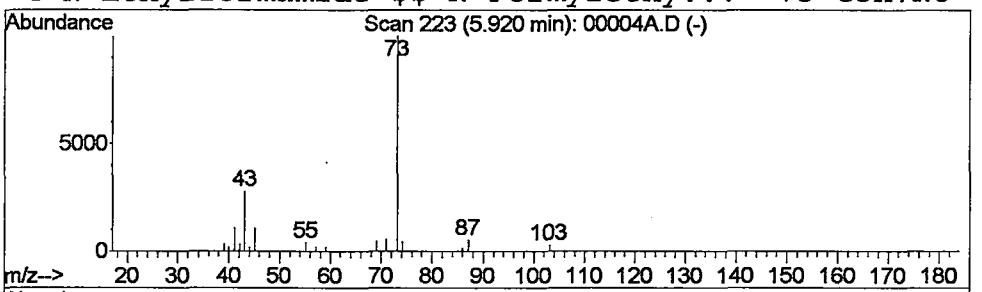
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

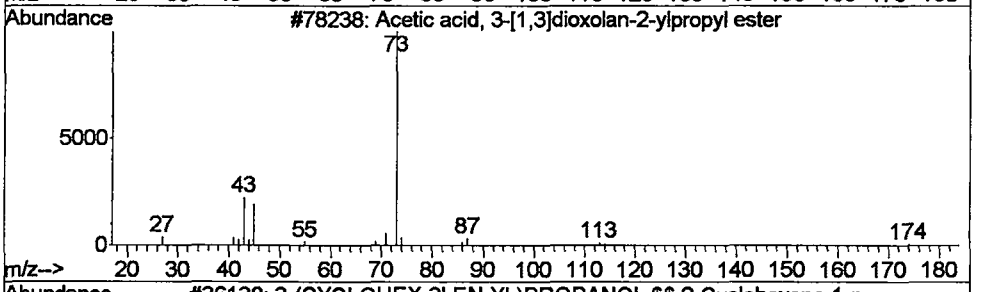
****

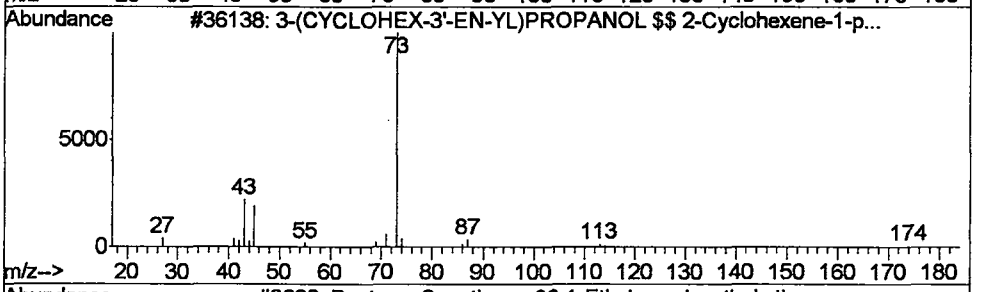
Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 4

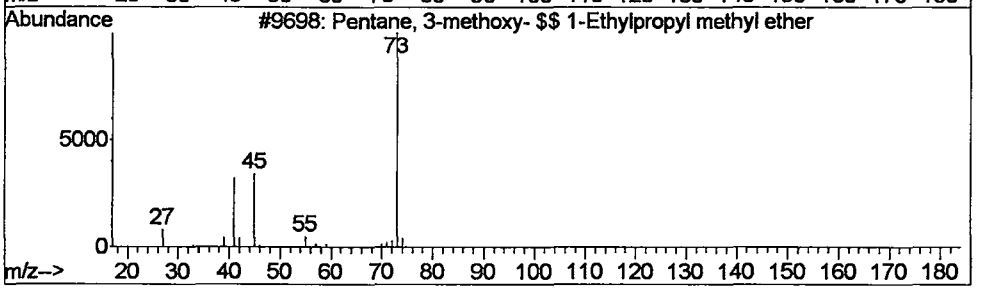
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.21 ug/L	170099	1,4-Dichlorobenzene-d4	9.71

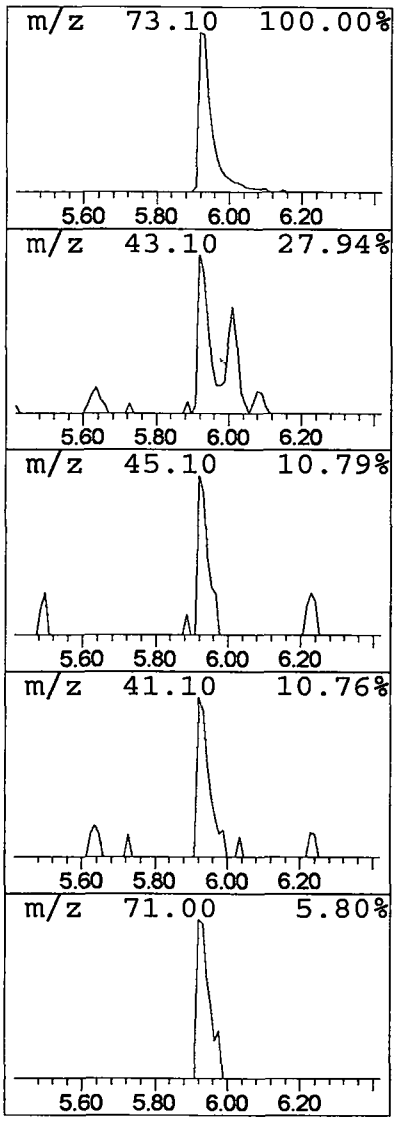
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	42
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	42
3	Pentane, 3-methoxy- $$ 1-Ethylpr...	102	C6H14O	036839-67-5	25
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

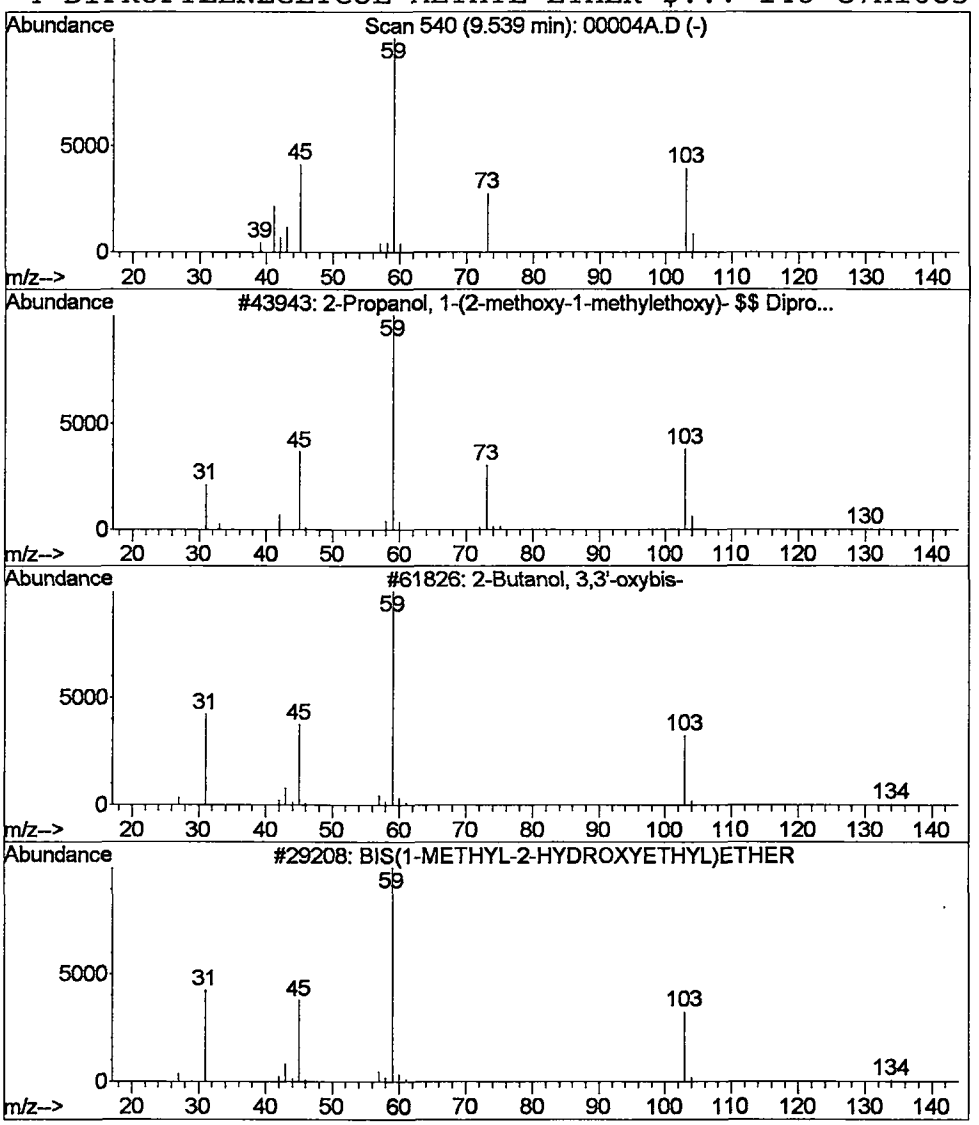
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

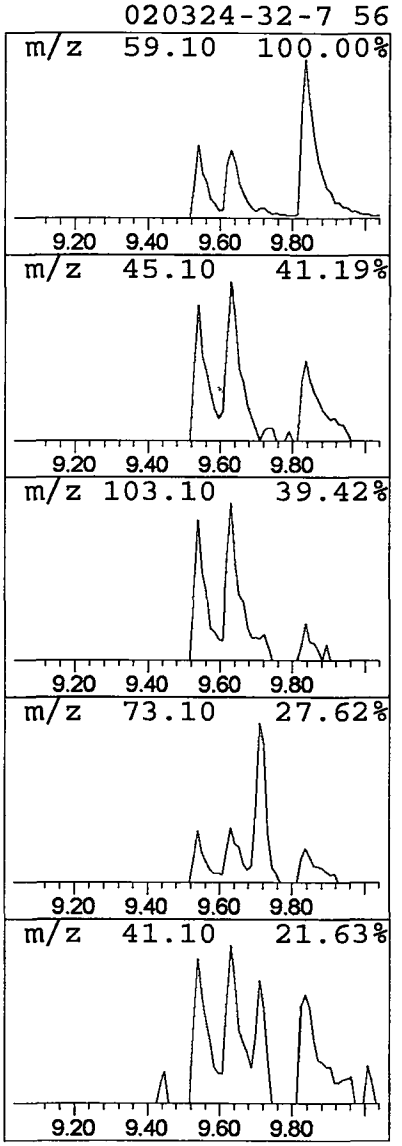
****

Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.14 ug/L	112783	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	56
3	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	56
4	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	56





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

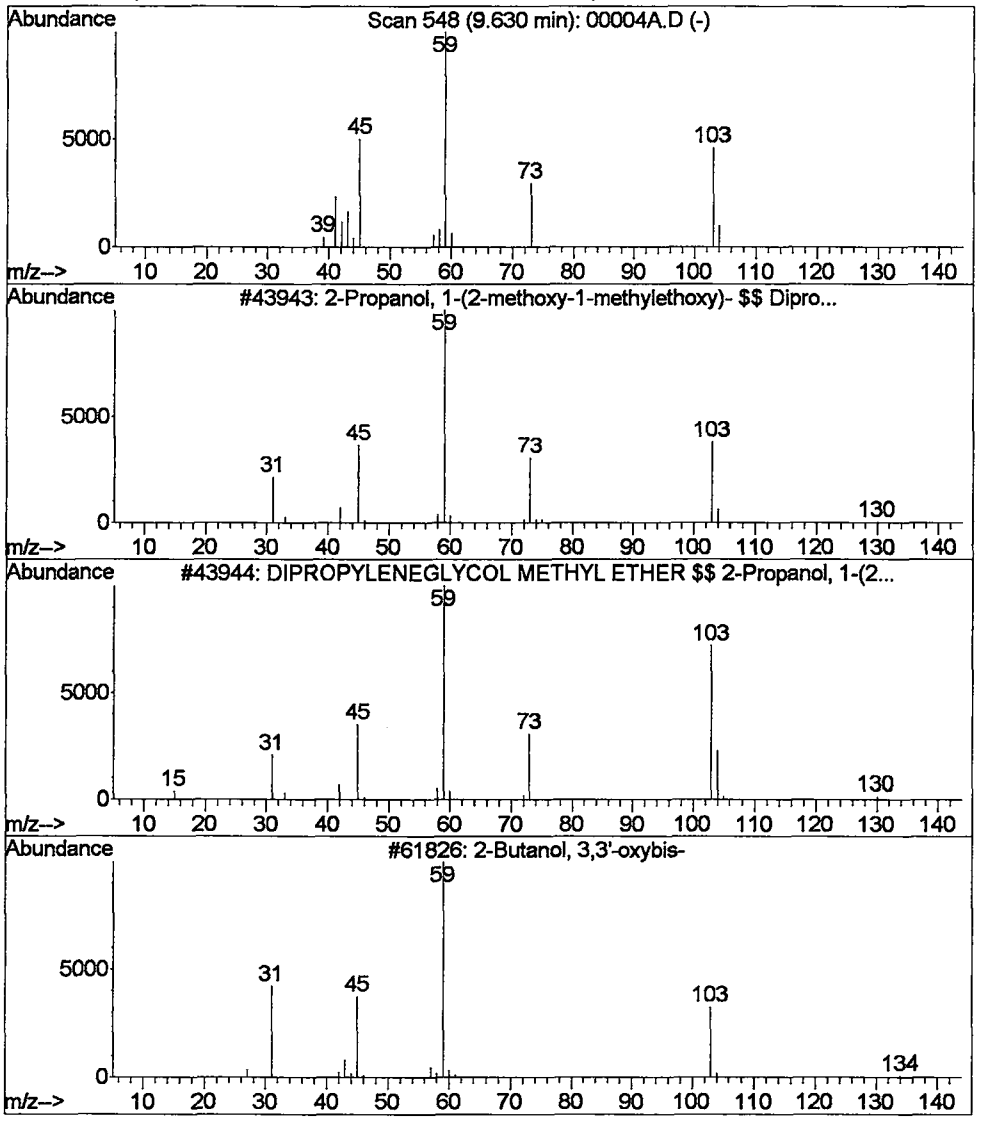
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

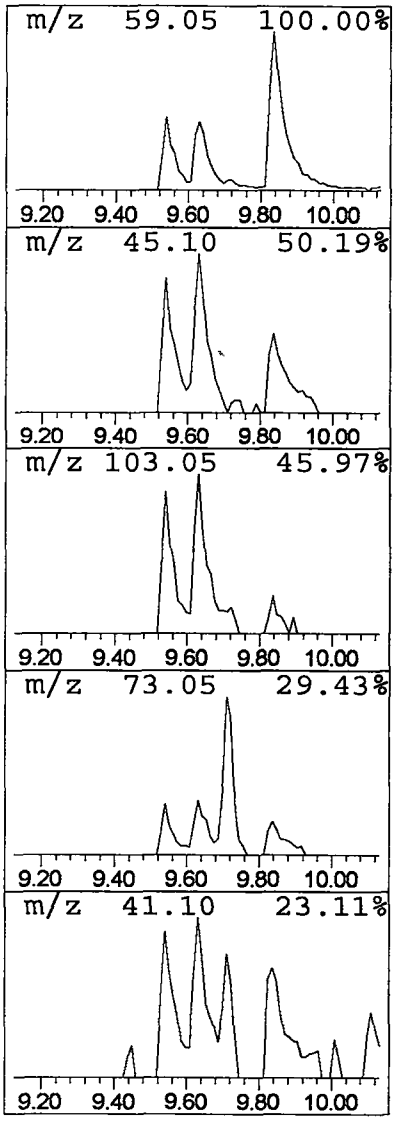
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.15 ug/L	121459	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	72
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	50





NYC-WTC_000004831

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
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MS Integration Params: LSCINT.P

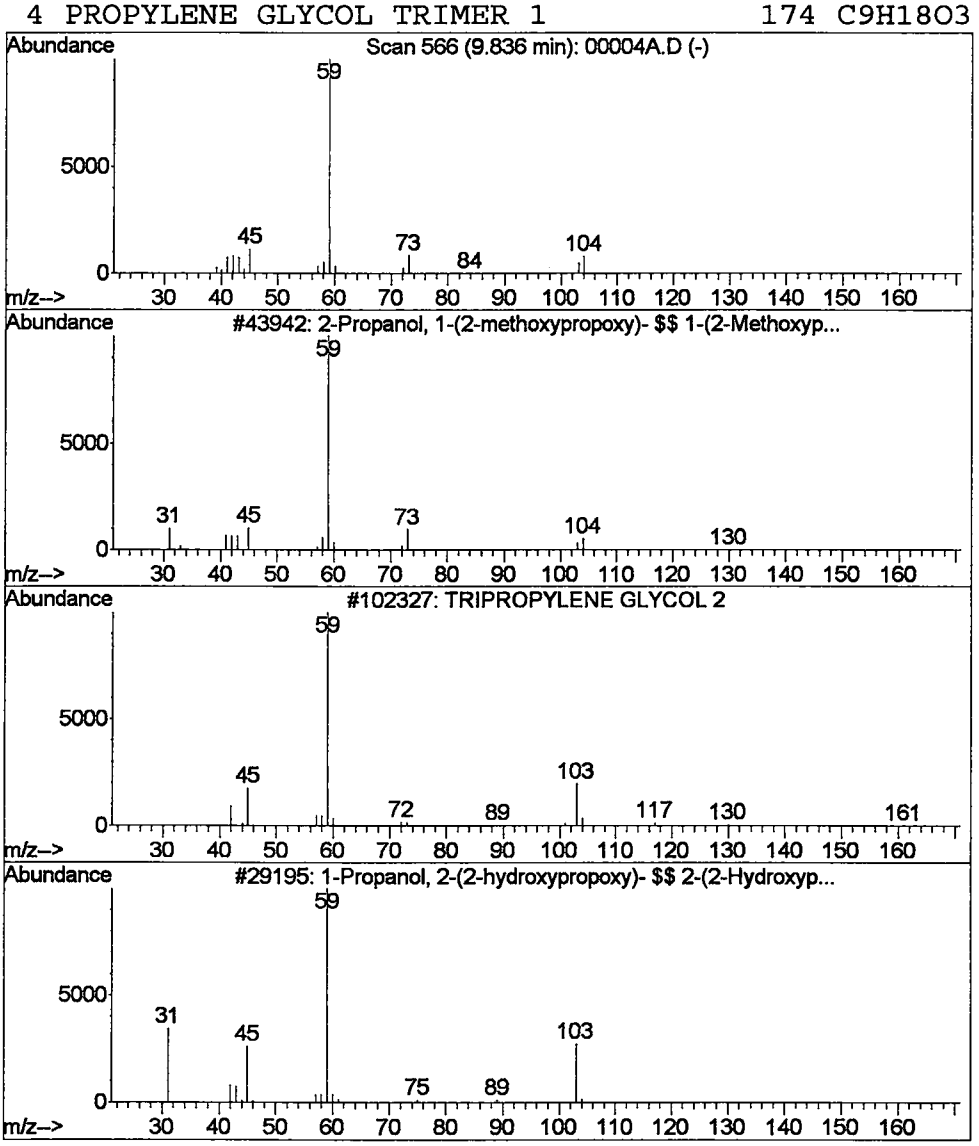
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

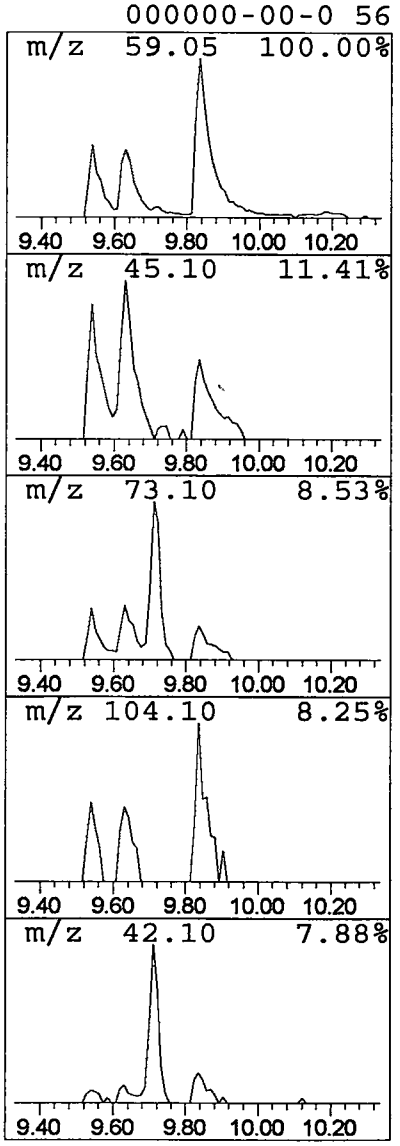
****

Peak Number 7 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.27 ug/L	218512	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	78
3	1-Propanol, 2-(2-hydroxypropoxy)...	134	C6H14O3	000106-62-7	64
4	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	56





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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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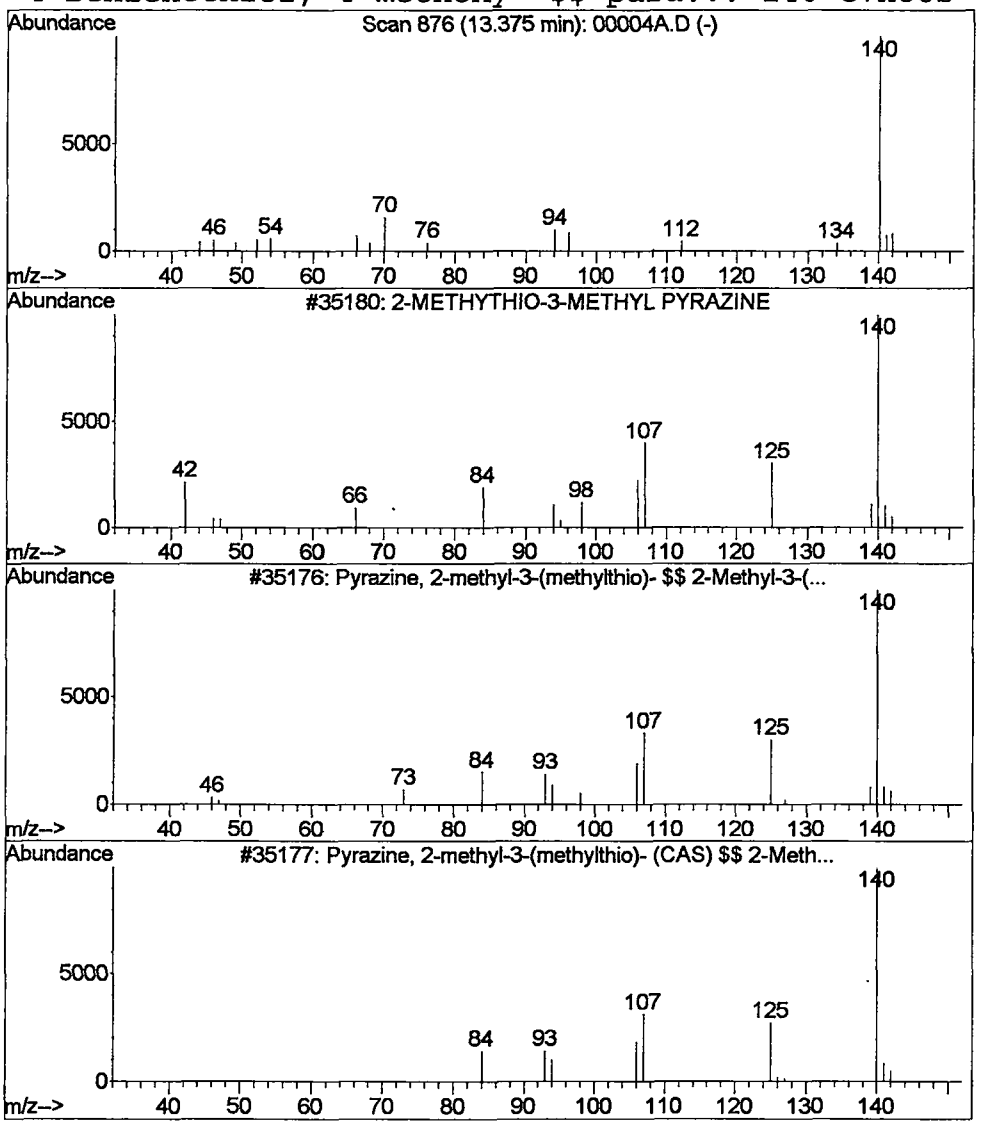
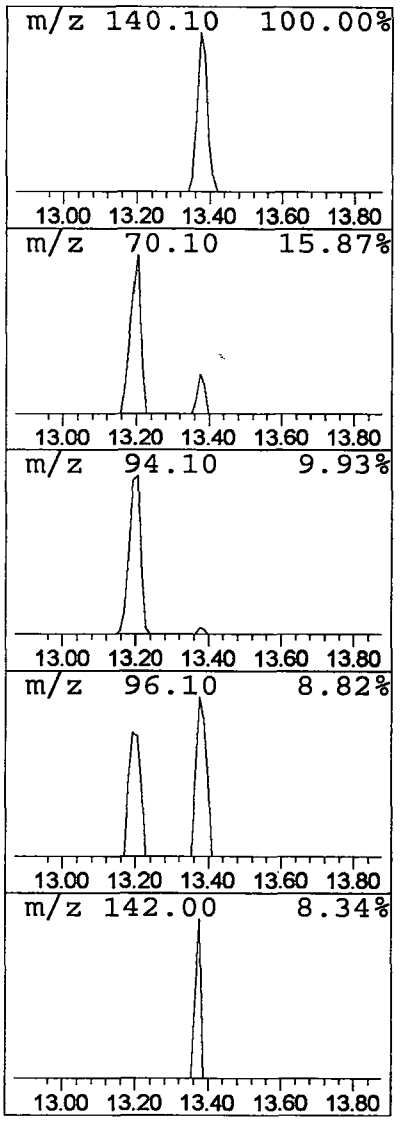
Peak Number 8 2-METHYTHIO-3-METHYL PYRAZINE Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	0.06 ug/L	72215	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-METHYTHIO-3-METHYL PYRAZINE	140	C6H8N2S	002882-20-4	64
2	Pyrazine, 2-methyl-3-(methylthio...	140	C6H8N2S	002882-20-4	64
3	Pyrazine, 2-methyl-3-(methylthio...	140	C6H8N2S	002882-20-4	56
4	Benzenethiol, 4-methoxy- $$ para...	140	C7H8OS	000696-63-9	53





Library Search Compound Report

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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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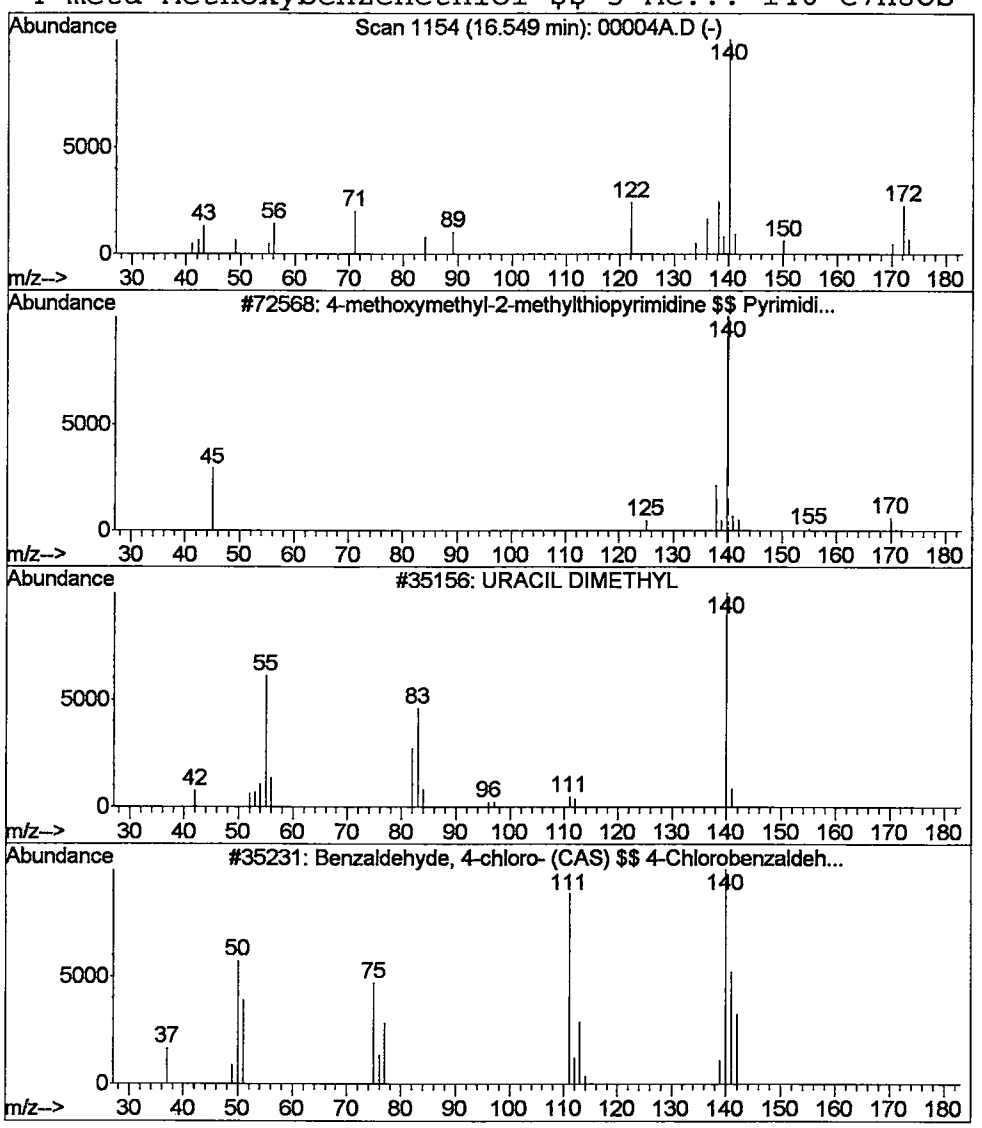
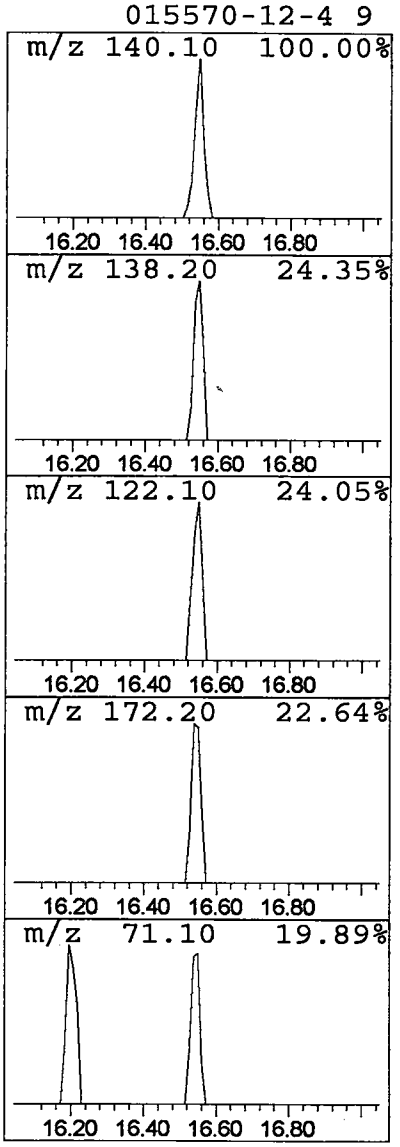
Peak Number 9 4-methoxymethyl-2-methylthi... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	60995	Acenaphthene-d10	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-methoxymethyl-2-methylthiopyri...	170	C7H10N2OS	123061-70-1	43
2	URACIL DIMETHYL	140	C6H8N2O2	000000-00-0	25
3	Benzaldehyde, 4-chloro- (CAS) $$...	140	C7H5ClO	000104-88-1	9
4	meta-Methoxybenzenethiol $$ 3-Me...	140	C7H8OS	015570-12-4	9





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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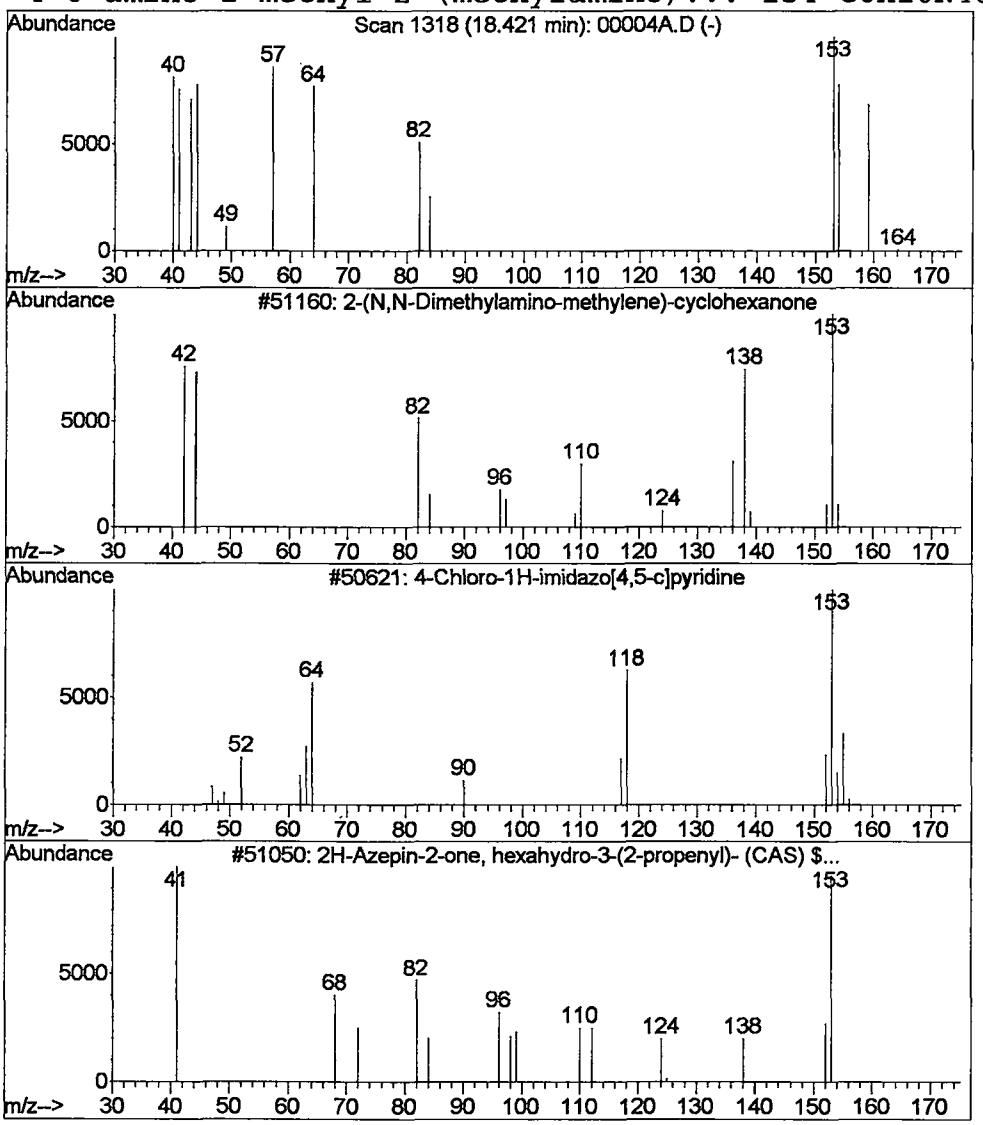
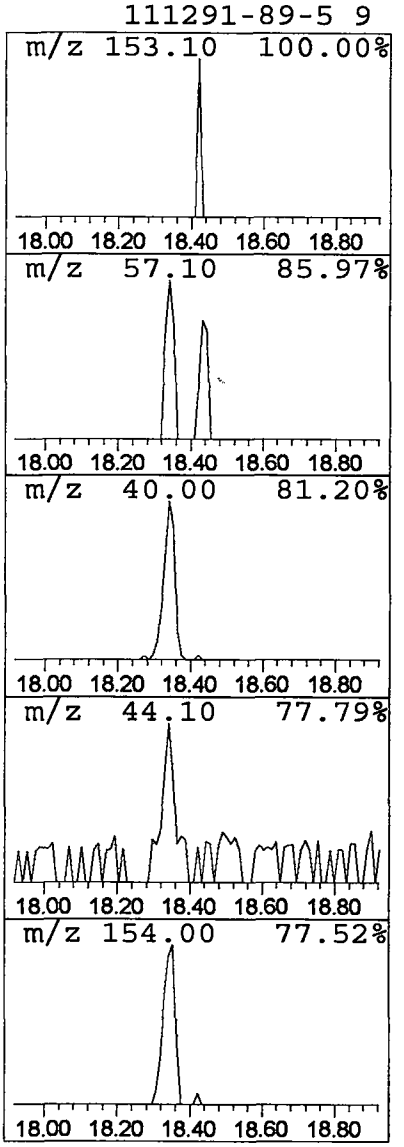
Peak Number 10 2-(N,N-Dimethylamino-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	0.11 ug/L	131819	Acenaphthene-d10	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(N,N-Dimethylamino-methylene)-...	153	C9H15NO	000000-00-0	9
2	4-Chloro-1H-imidazo[4,5-c]pyridine	153	C6H4ClN3	000000-00-0	9
3	2H-Azepin-2-one, hexahydro-3-(2-...	153	C9H15NO	029559-34-0	9
4	6-amino-1-methyl-2-(methylamino)...	154	C6H10N4O	111291-89-5	9





NYC-WTC_000004835

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

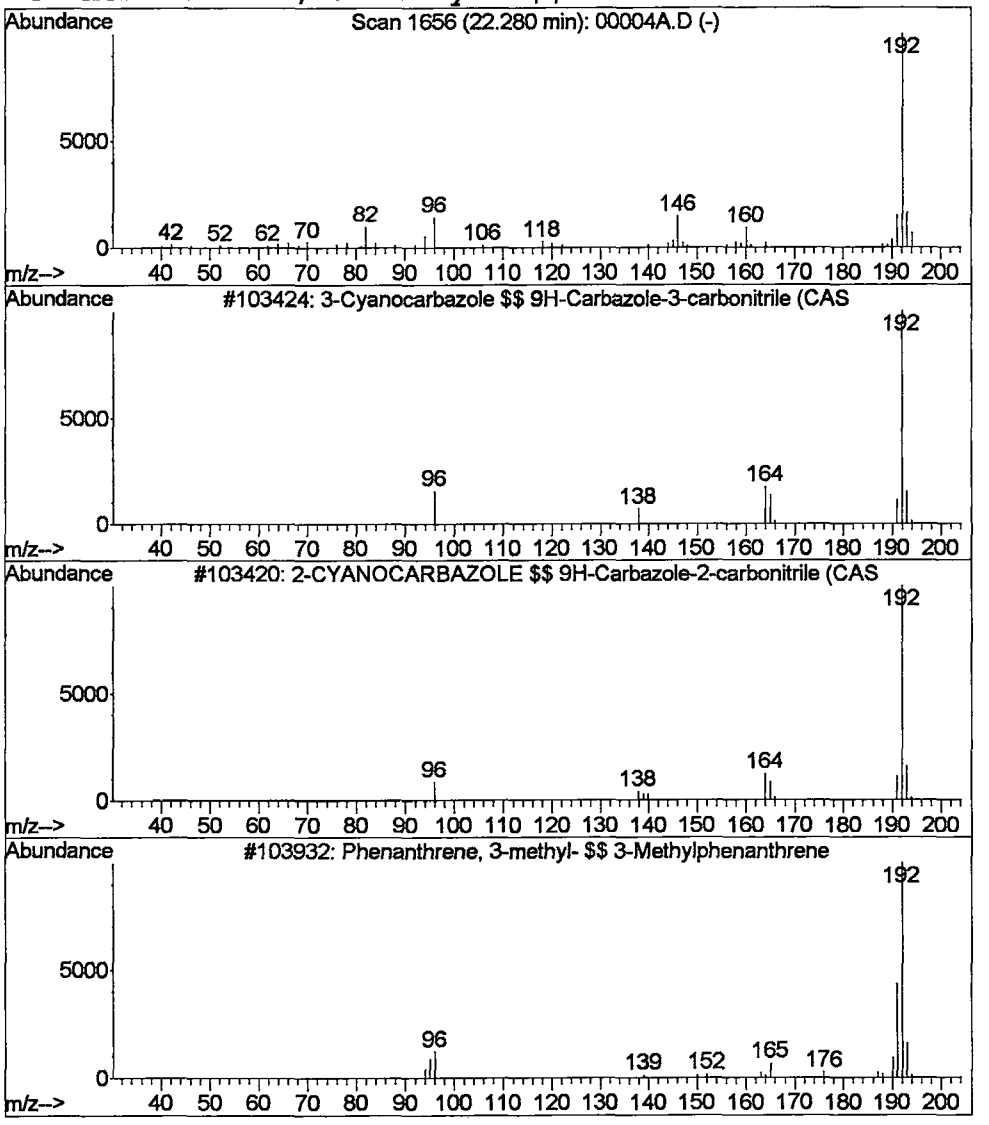
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

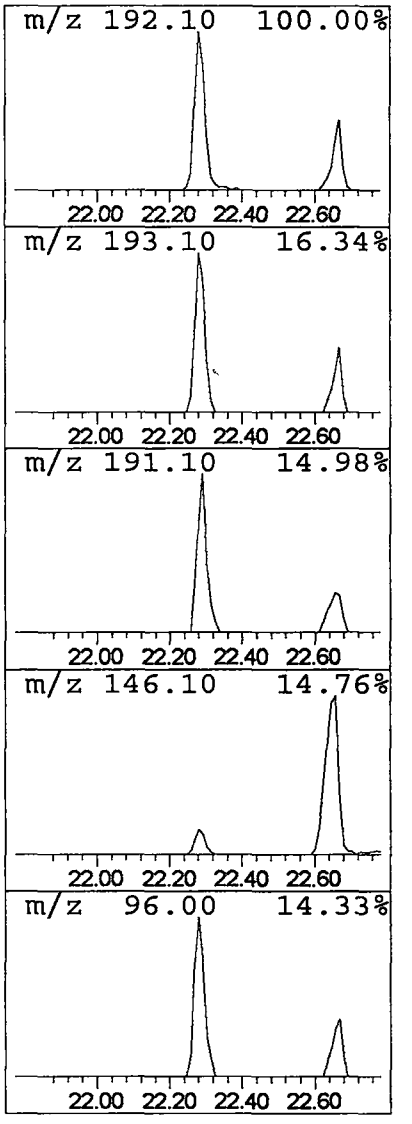
****

Peak Number 11 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.18 ug/L	231903	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	59
2	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	59
3	Phenanthrene, 3-methyl- $$ 3-Met...	192	C15H12	000832-71-3	53
4	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53





Library Search Compound Report

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Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

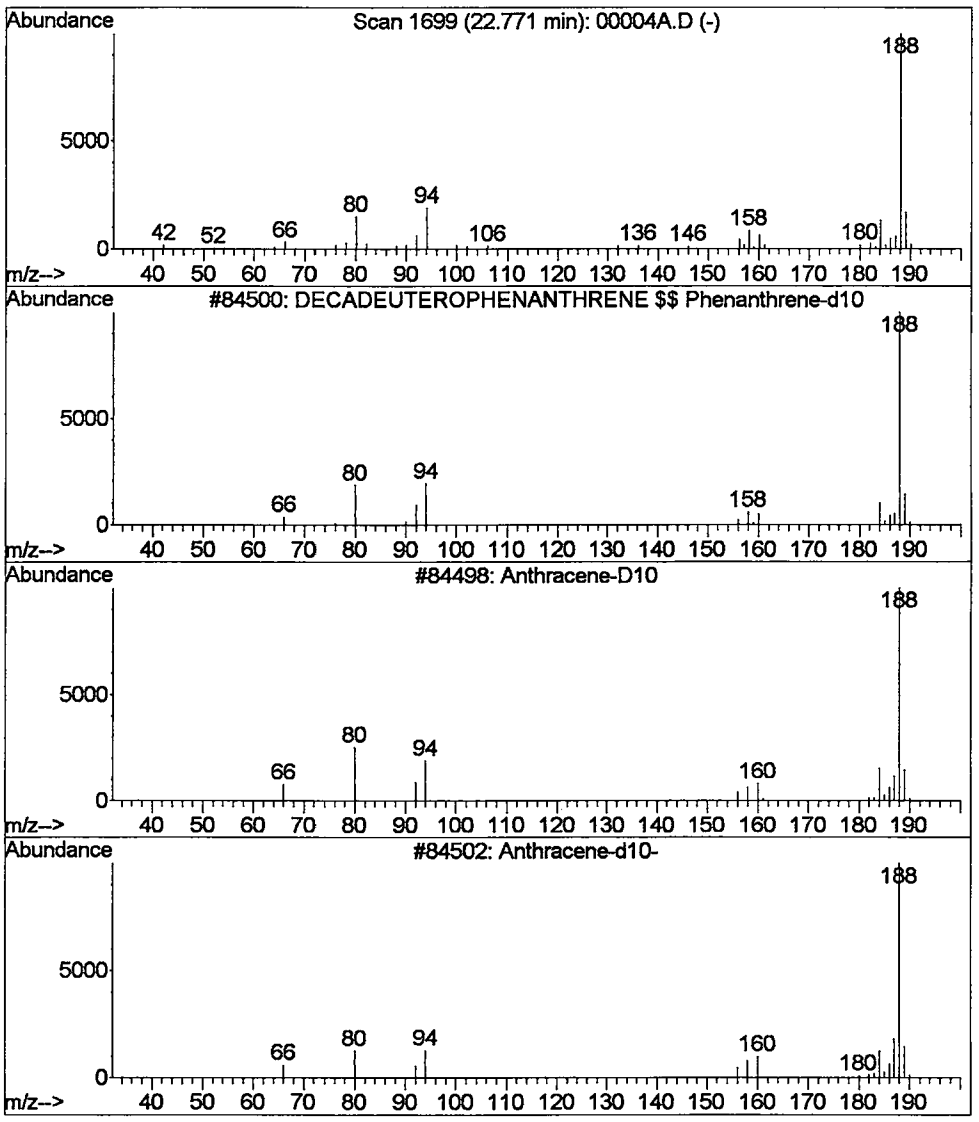
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

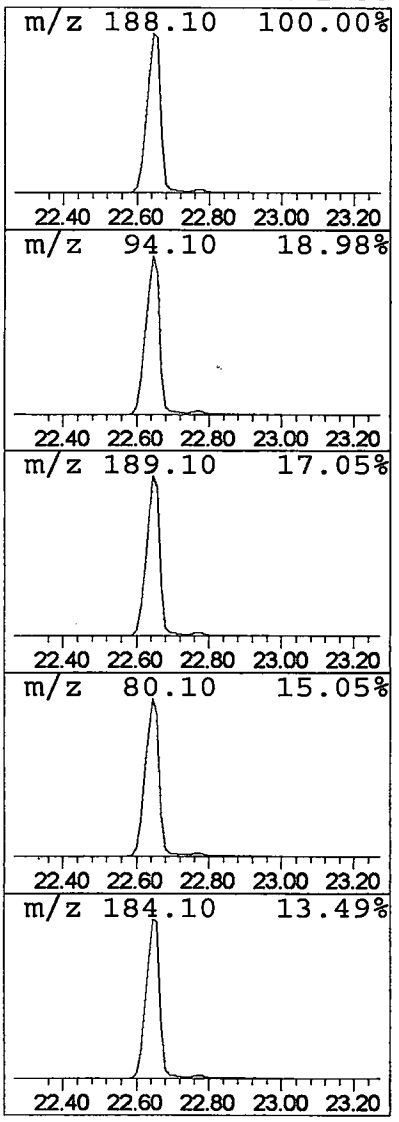
****

Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.40 ug/L	517863	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	94
2	Anthracene-D10	188	C14D10	000000-00-0	86
3	Anthracene-d10-	188	C14D10	001719-06-8	86
4	Phenanthrene-d10	188	C14D10	001517-22-2	80





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00004A.D Vial: 3
Acq On : 5 Feb 2002 4:36 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

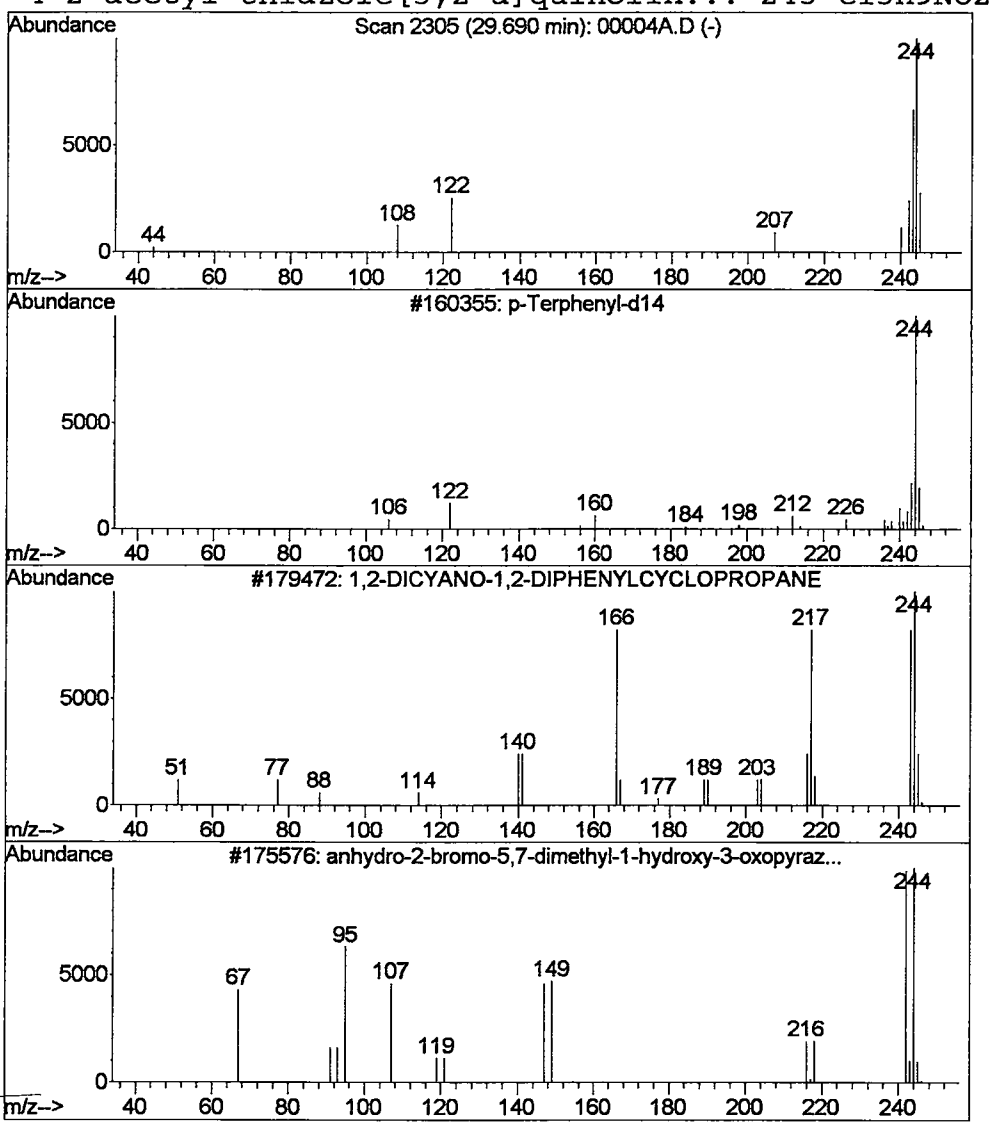
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

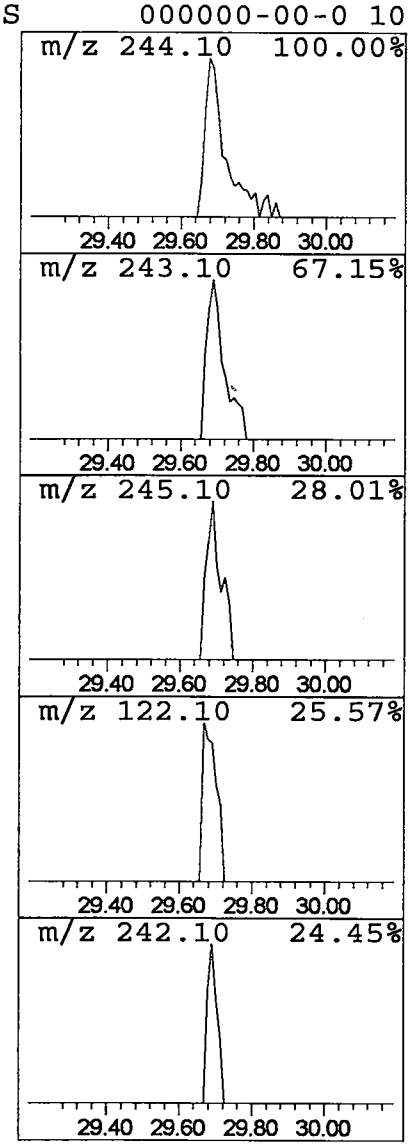
****

Peak Number 13 p-Terphenyl-d14 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.69	0.04 ug/L	52379	Chrysene-d12	30.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Terphenyl-d14	244	C18D14	001718-51-0	64
2	1,2-DICYANO-1,2-DIPHENYLCYCLOPRO...	244	C17H12N2	000000-00-0	42
3	anhydro-2-bromo-5,7-dimethyl-1-h...	242	C8H7BrN2O2	102860-36-6	25
4	2-acetyl-thiazole[3,2-a]quinolin...	243	C13H9NO2S	000000-00-0	10





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Feb 2002 4:36 pm
Data File: C:\MSDCHEM\1\5973N\02FEB05\00004A.D
Name: 508 scan; re-ext
Misc: February 5, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP020702.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.61	0.1	ug/L	75040	1	9.71	15932900	20.0
ISOBUTYRALDEHYDE,...	3.93	0.1	ug/L	42323	1	9.71	15932900	20.0
2,2-Dimethoxybutane	4.24	0.5	ug/L	437371	1	9.71	15932900	20.0
Acetic acid, 3-[1...	5.92	0.2	ug/L	170099	1	9.71	15932900	20.0
2-Propanol, 1-(2-...	9.54	0.1	ug/L	112783	1	9.71	15932900	20.0
2-Propanol, 1-(2-...	9.63	0.2	ug/L	121459	1	9.71	15932900	20.0
2-Propanol, 1-(2-...	9.84	0.3	ug/L	218512	1	9.71	15932900	20.0
2-METHYTHIO-3-MET...	13.37	0.1	ug/L	72215	2	13.20	22481100	20.0
4-methoxymethyl-2...	16.55	0.1	ug/L	60995	3	18.35	24323400	20.0
2-(N,N-Dimethylam...	18.42	0.1	ug/L	131819	3	18.35	24323400	20.0
3-Cyanocarbazole ...	22.28	0.2	ug/L	231903	4	22.65	26215000	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	517863	4	22.65	26215000	20.0
p-Terphenyl-d14	29.69	0.0	ug/L	52379	5	30.51	25480500	20.0

NYC-WTC_000004839

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 10:33:46

Sample: AE00028
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/26/02 10:33 Ended: 2/26/02 10:33 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		5.0

Comments for Sample AE00028 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-26-2002 Time: 10:33:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:10 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2531970	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	10832874	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.35	164	5745359	20.00	ug/L	0.00
29) Phenanthrene-d10	22.65	188	9385907	20.00	ug/L	-0.02
38) Chrysene-d12	30.51	240	7946677	20.00	ug/L	0.00
44) Perylene-d12	34.43	264	5600944	20.00	ug/L	0.01
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	470903	4.27	ug/L	0.00
Spiked Amount 5.000			Recovery = 85.40%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.35	163	928768	2.45	ug/L	# 56
21) 2,6-Dinitrotoluene	18.34	165	728447	9.84	ug/L	# 17

(#) = qualifier out of range (m) = manual integration
00028A.D SCAN508.M Thu Feb 21 10:12:12 2002 Page 1

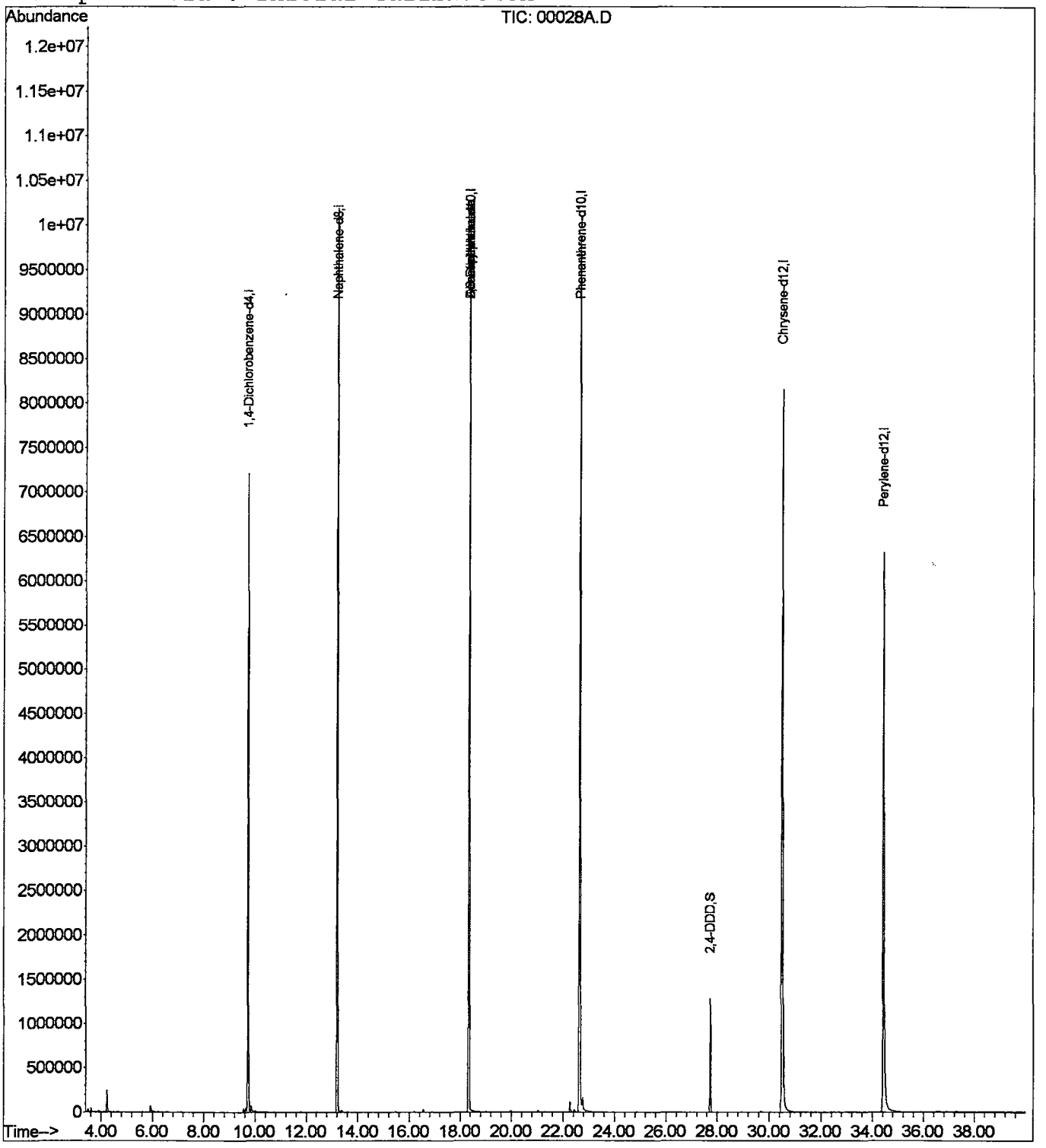
NYC-WTC_000004842

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration



NYC-WTC_000004843

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP020702.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.488	7	10	15	rVB	37804	58189	0.23%	0.045%
2	3.602	17	20	25	rBV	47021	73723	0.30%	0.057%
3	4.230	71	75	79	rBV	241678	383371	1.54%	0.294%
4	5.920	221	223	229	rBV	72689	157009	0.63%	0.120%
5	9.539	535	540	545	rBV	45413	106955	0.43%	0.082%
6	9.630	545	548	551	rVV	53611	119950	0.48%	0.092%
7	9.710	551	555	561	rVV	7206529	14617884	58.87%	11.205%
8	9.836	561	566	579	rVV	68226	224684	0.90%	0.172%
9	13.204	855	861	865	rBV	10188910	21060395	84.81%	16.143%
10	13.375	873	876	881	rVB	24383	45992	0.19%	0.035%
11	16.549	1149	1154	1159	rVV	33894	59272	0.24%	0.045%
12	18.353	1305	1312	1317	rBV	9982155	23169926	93.31%	17.760%
13	22.280	1651	1656	1661	rVV2	115451	216074	0.87%	0.166%
14	22.440	1667	1670	1673	rBV	29232	49358	0.20%	0.038%
15	22.645	1681	1688	1693	rBV2	9862584	24831311	100.00%	19.033%
16	22.771	1697	1699	1729	rVB	160109	530721	2.14%	0.407%
17	27.726	2129	2133	2139	rBV	1281244	2288976	9.22%	1.754%
18	29.690	2301	2305	2311	rVV3	11966	41349	0.17%	0.032%
19	30.512	2369	2377	2407	rBV	8157344	23418247	94.31%	17.950%
20	34.428	2713	2720	2761	rBV	6316590	19010789	76.56%	14.572%

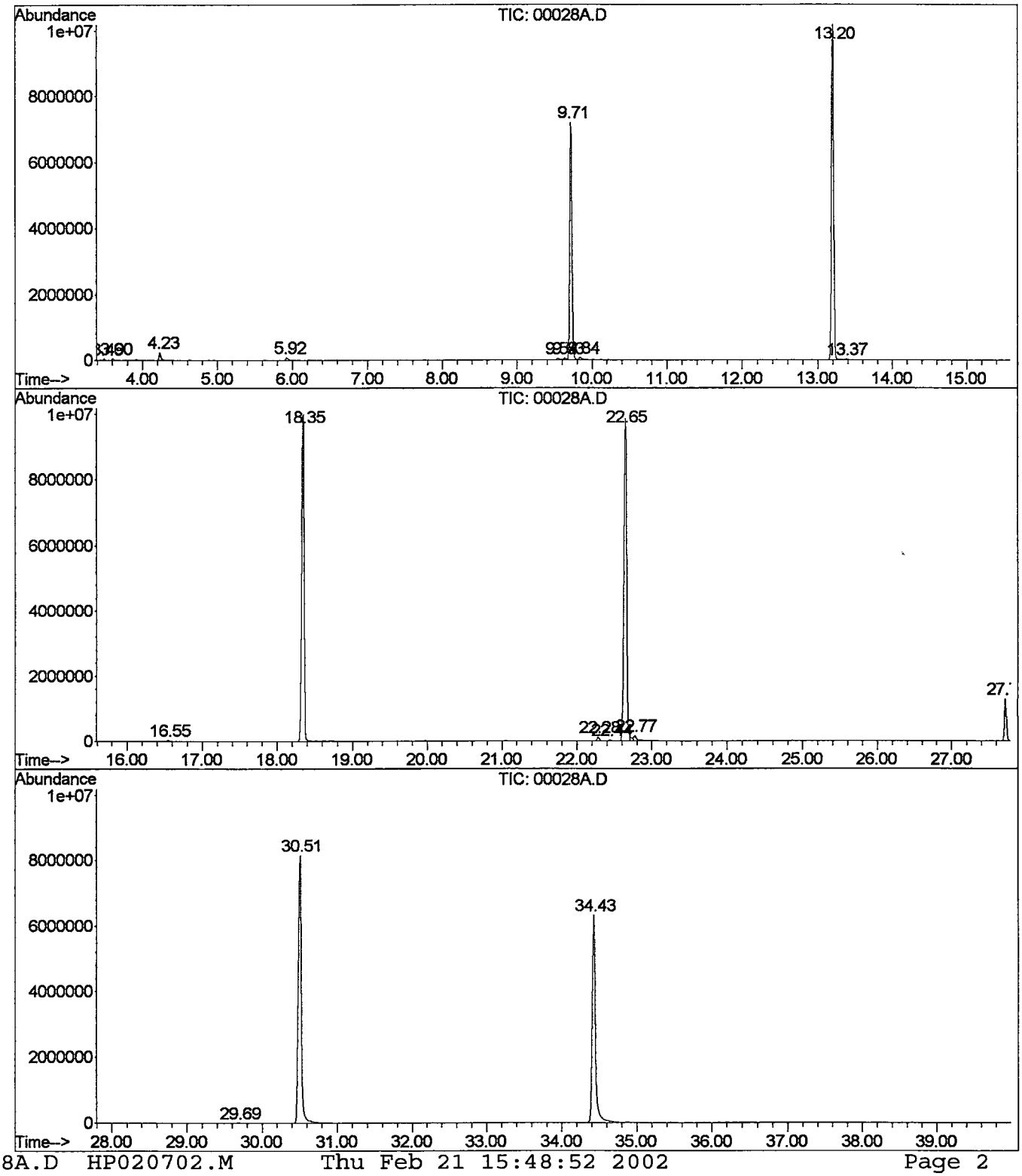
Sum of corrected areas: 130464175

NYC-WTC_000004844

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D
Operator :
Acquired : 5 Feb 2002 5:27 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan; re-ext
Misc Info : February 5, 2002
Vial Number: 4
Quant File :HP020702.RES (RTE Integrator)



NYC-WTC_000004845

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

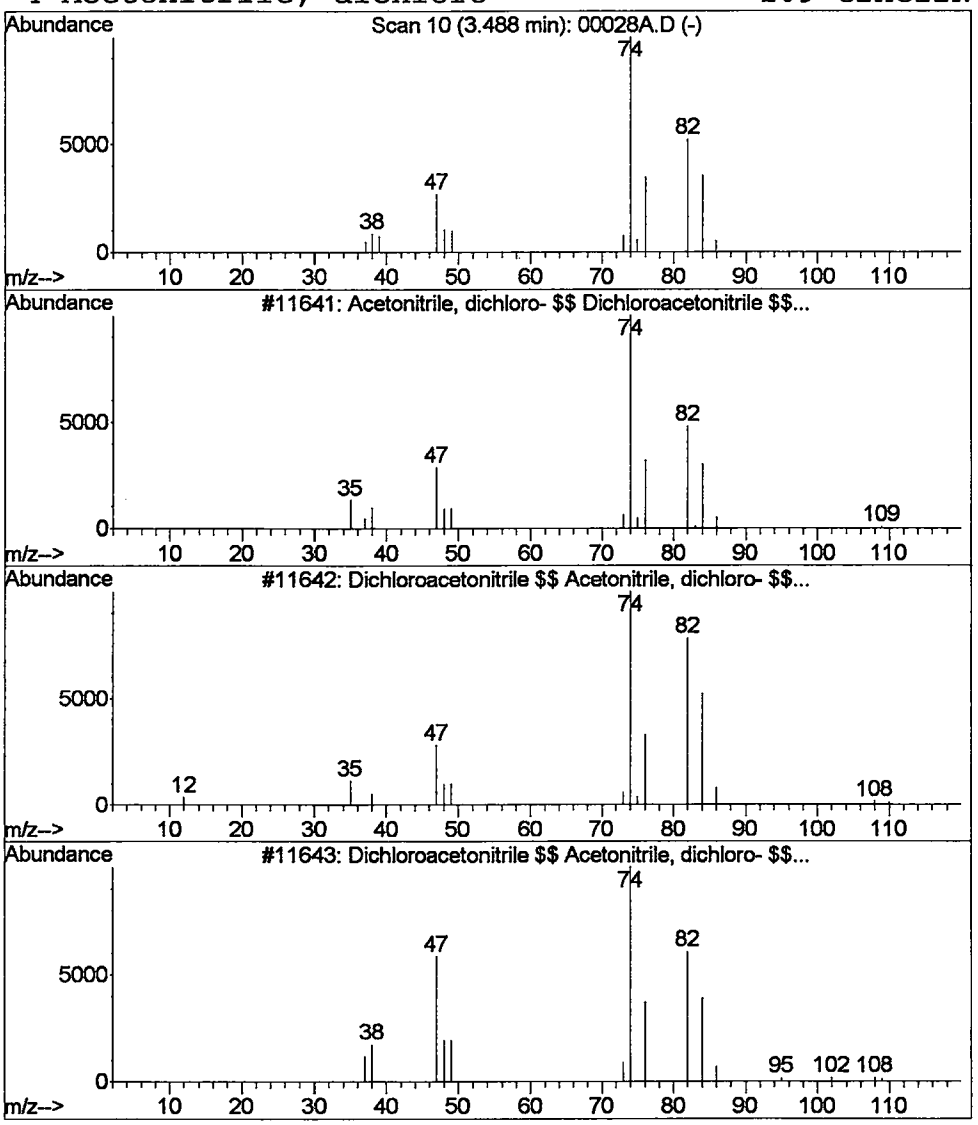
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

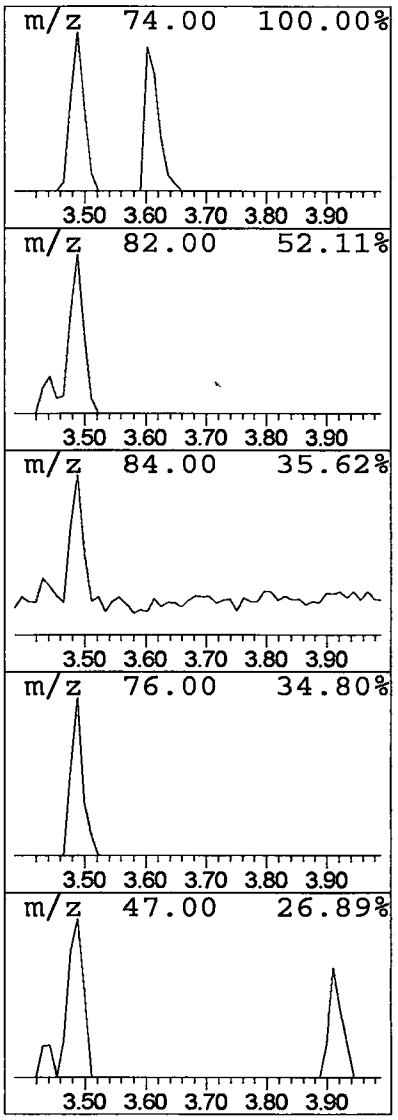
****

Peak Number 1 Acetonitrile, dichloro- $$ ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	0.08 ug/L	58189	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	90
2	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	83
3	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	83
4	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	56





NYC-WTC_000004846

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

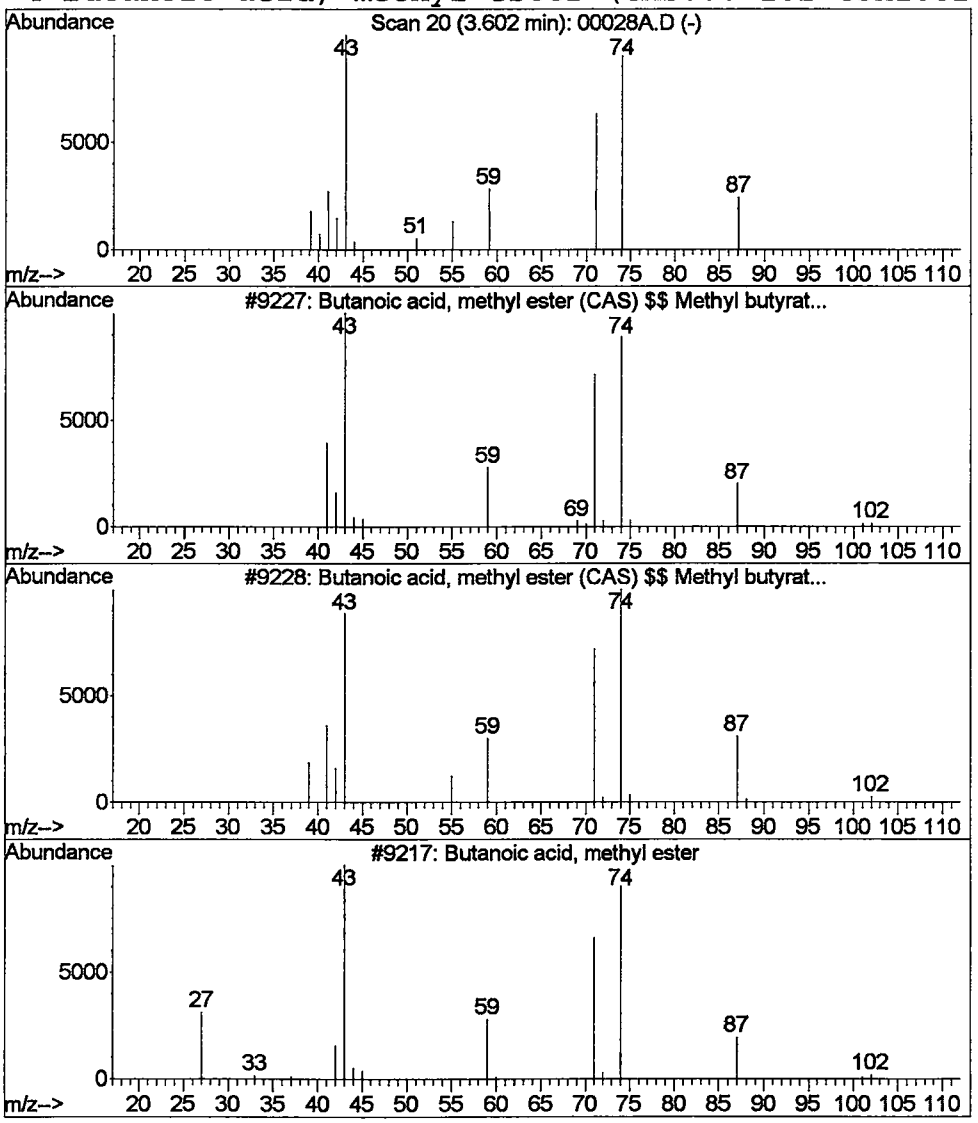
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

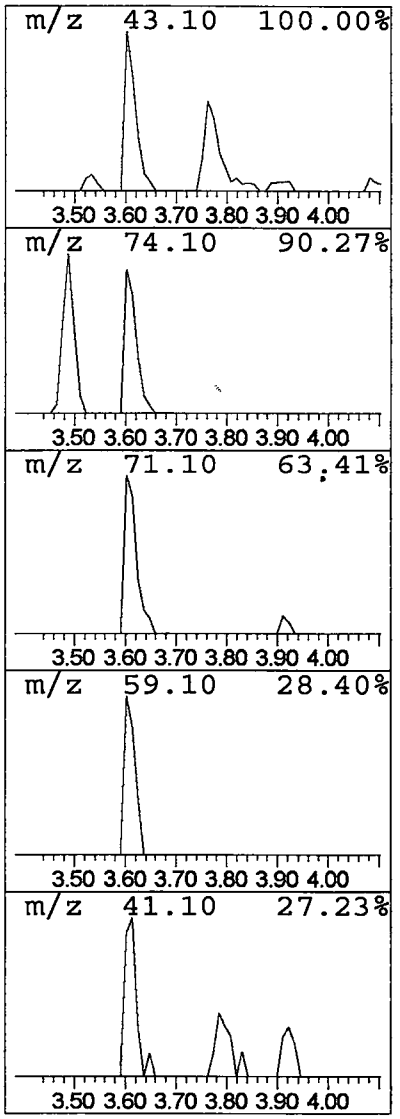
****

Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.10 ug/L	73723	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	74





NYC-WTC_000004847

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

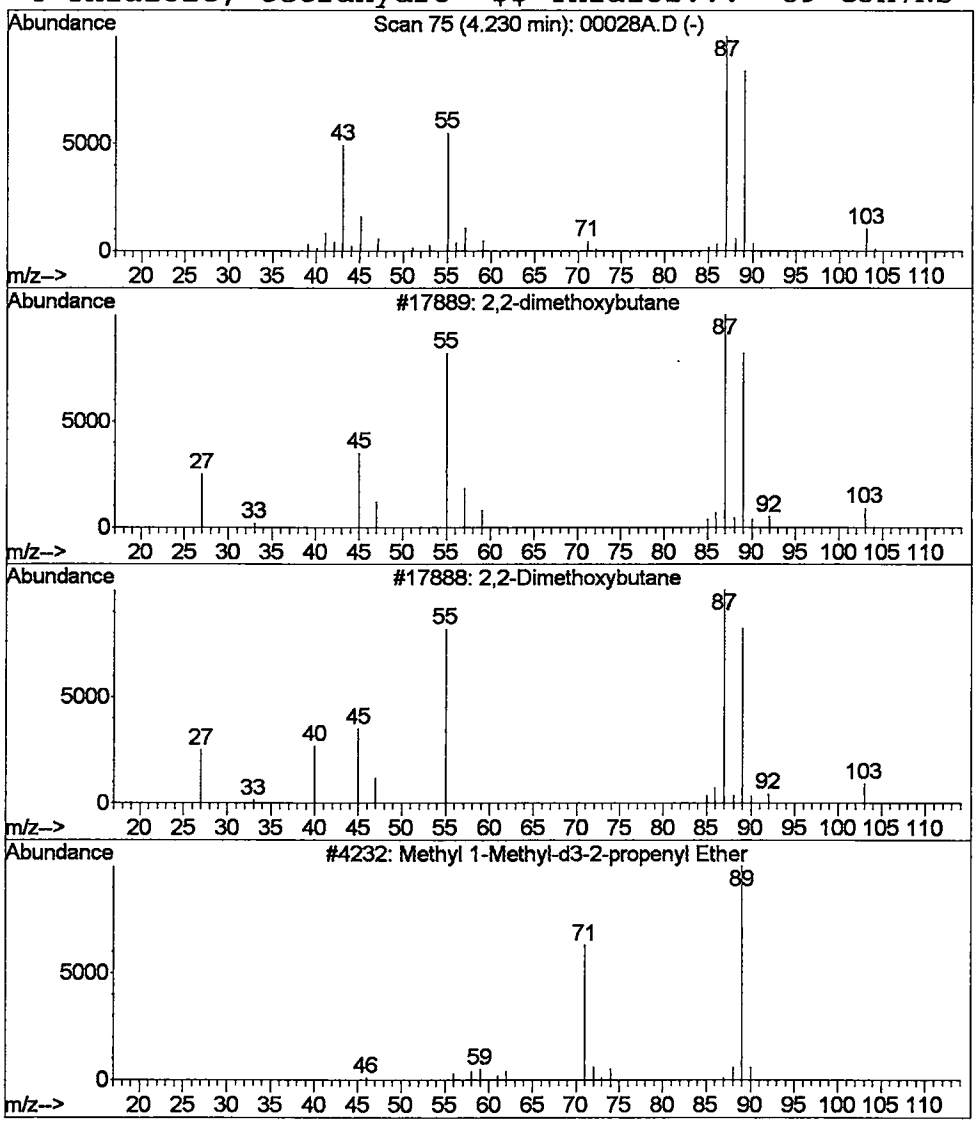
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

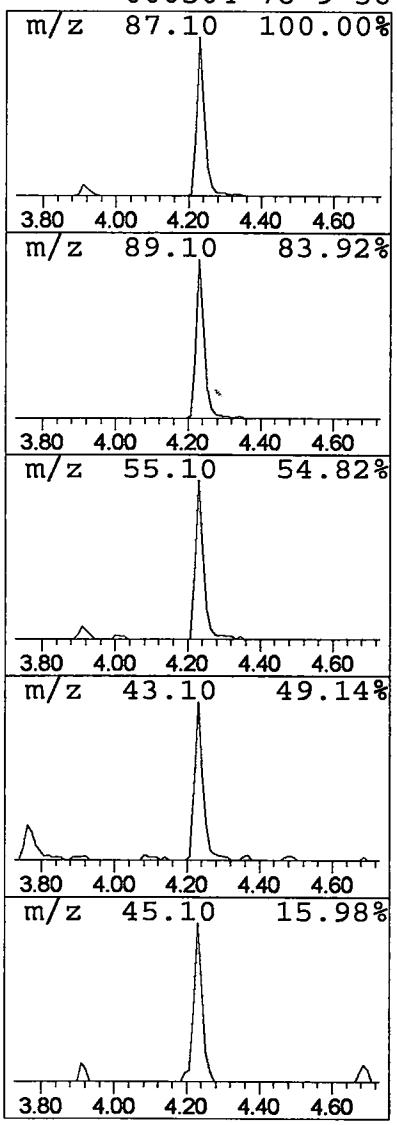
****

Peak Number 3 2,2-dimethoxybutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	0.52 ug/L	383371	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	74
2	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	64
3	Methyl 1-Methyl-d3-2-propenyl Ether	89	C5H7D3O	000000-00-0	38
4	Thiazole, tetrahydro- $$ Thiazol...	89	C3H7NS	000504-78-9	36





NYC-WTC_000004848

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

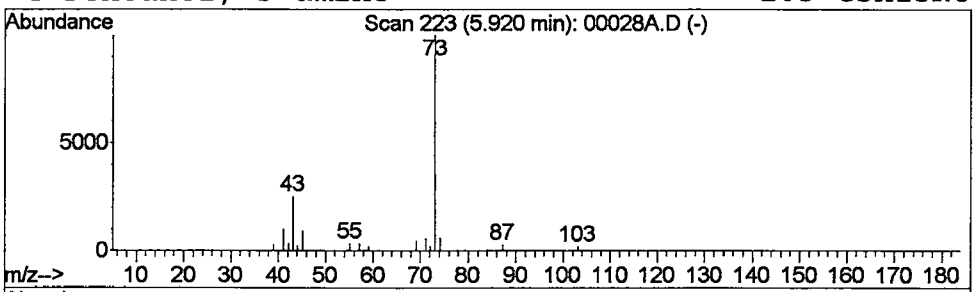
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

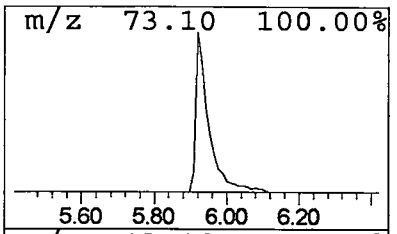
****

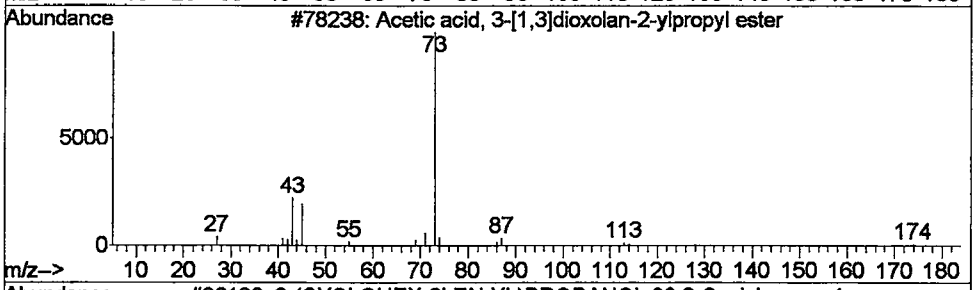
Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 4

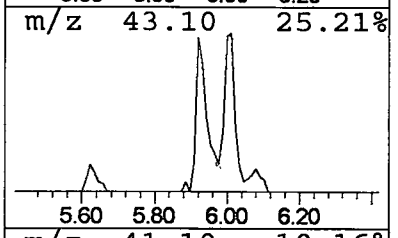
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.21 ug/L	157009	1,4-Dichlorobenzene-d4	9.71

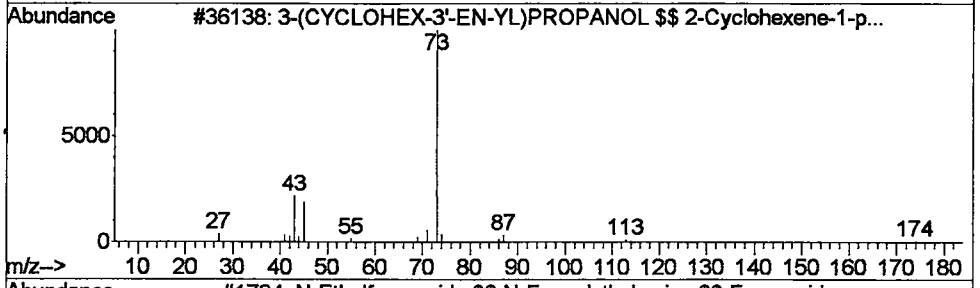
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	28
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	28
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9

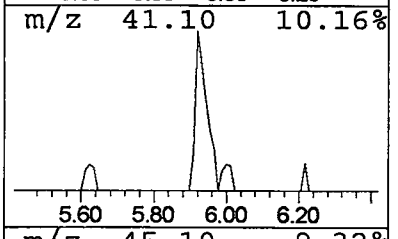


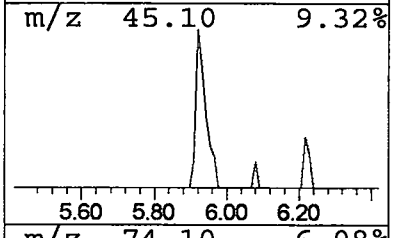


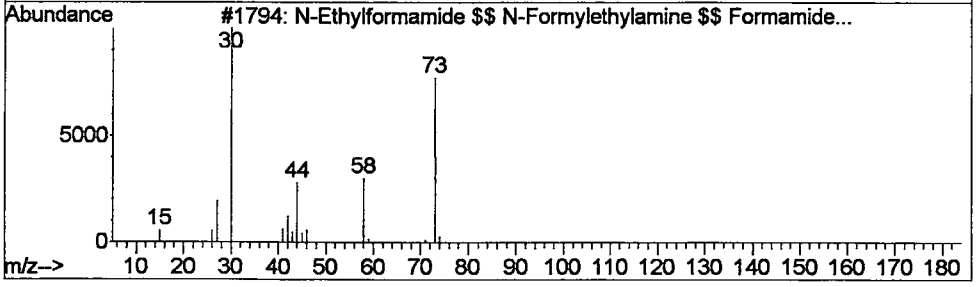


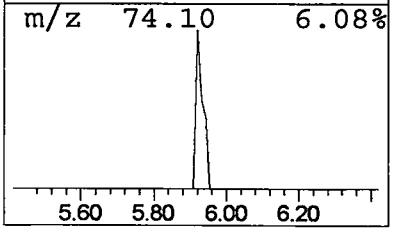












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

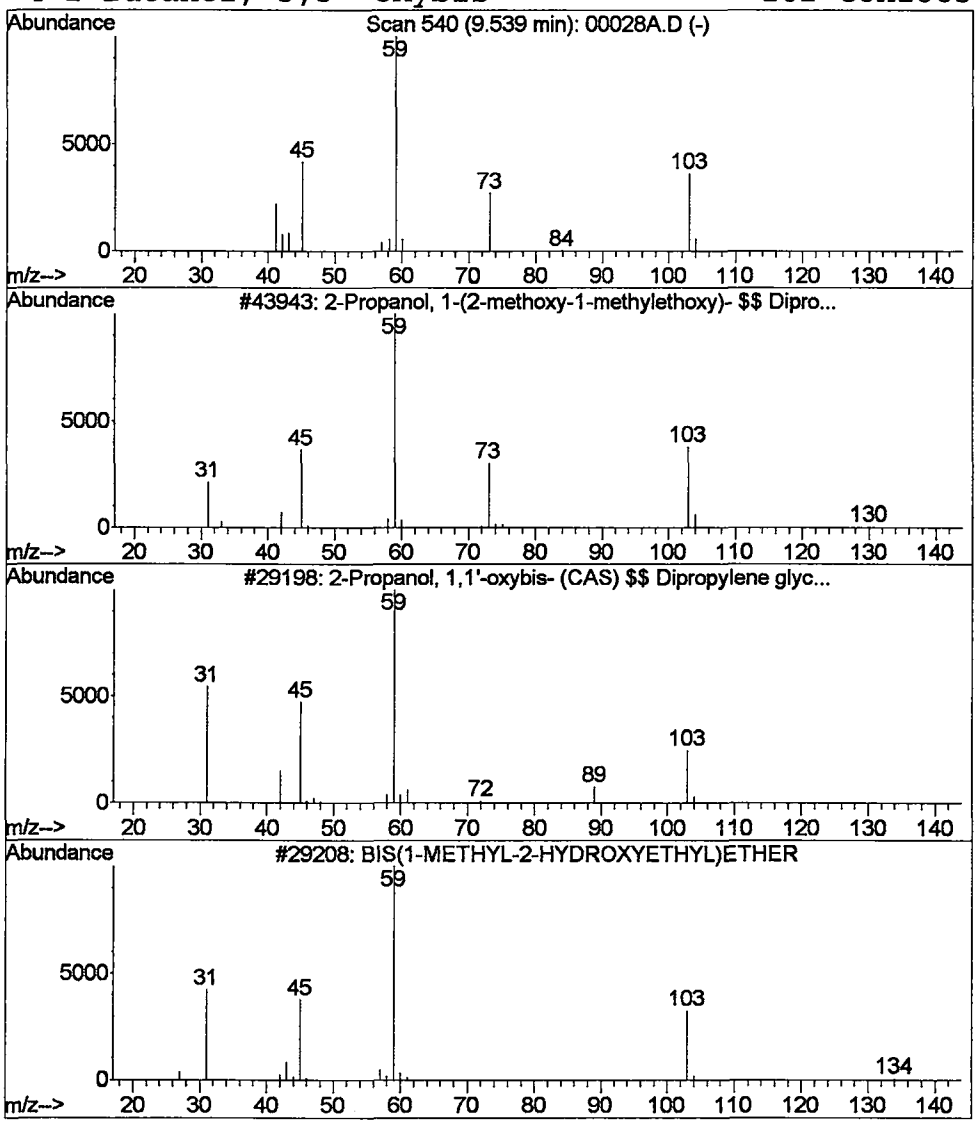
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

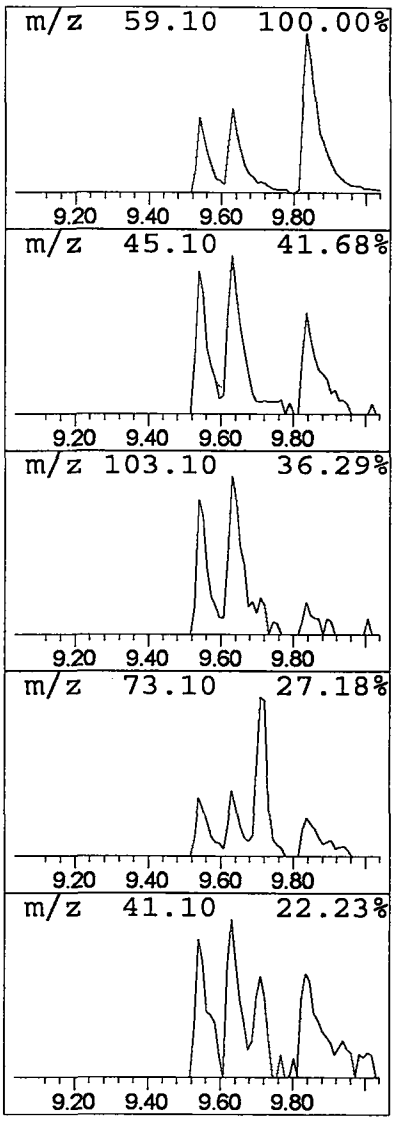
****

Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.15 ug/L	106955	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	72
3	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	56
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	56





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

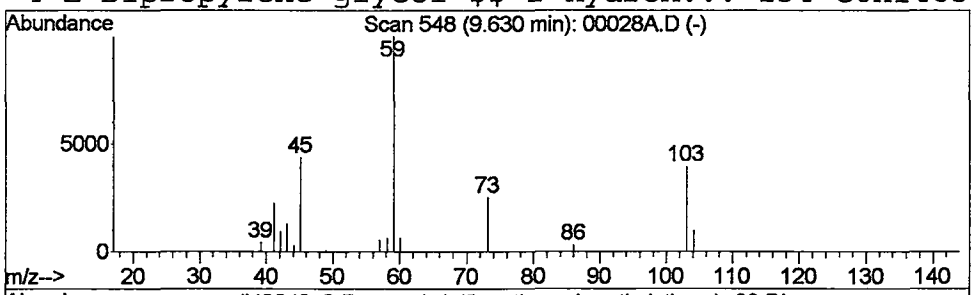
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

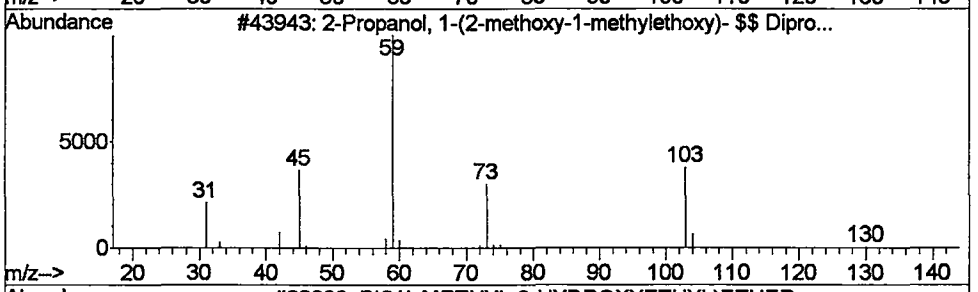
****

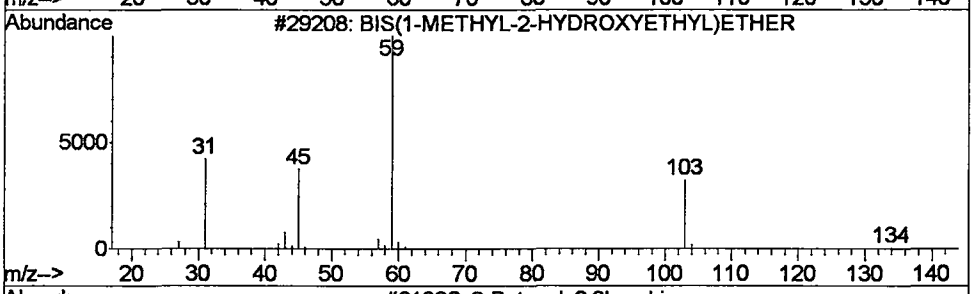
Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

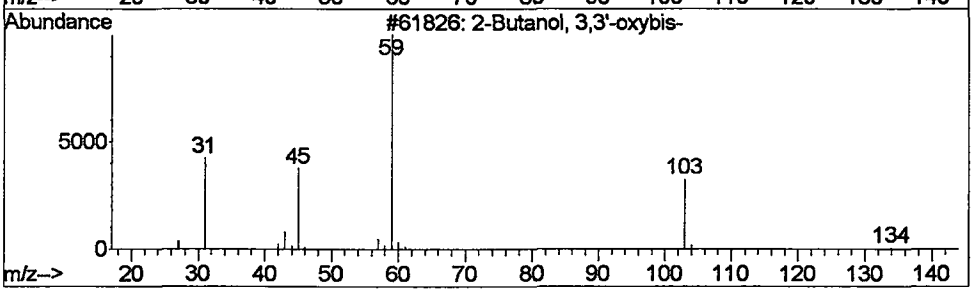
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.16 ug/L	119950	1,4-Dichlorobenzene-d4	9.71

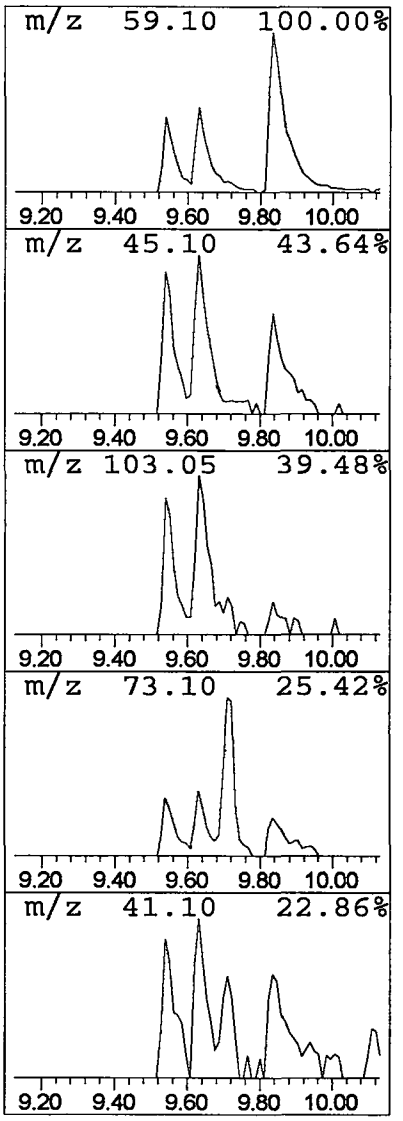
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	64
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
4	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	59











NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

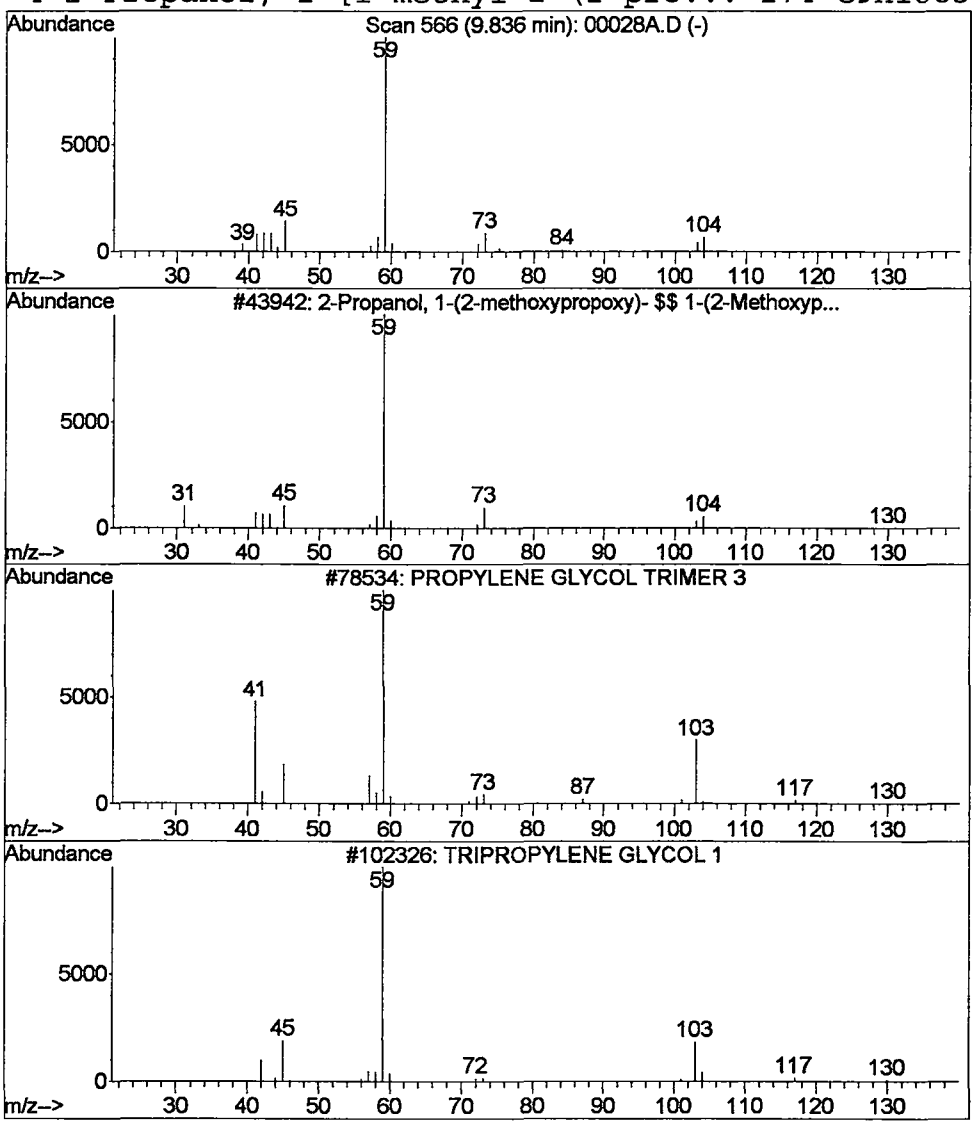
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

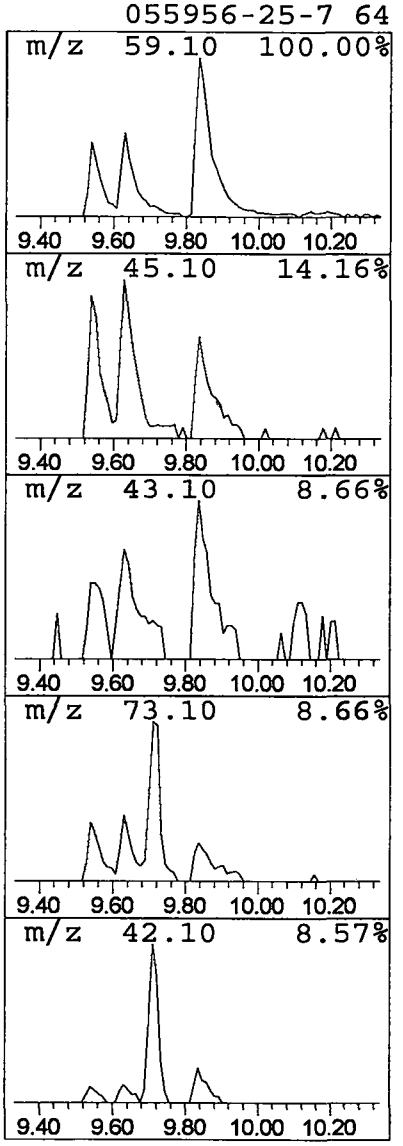
****

Peak Number 7 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.31 ug/L	224684	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	72
3	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	64
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64





NYC-WTC_000004852

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

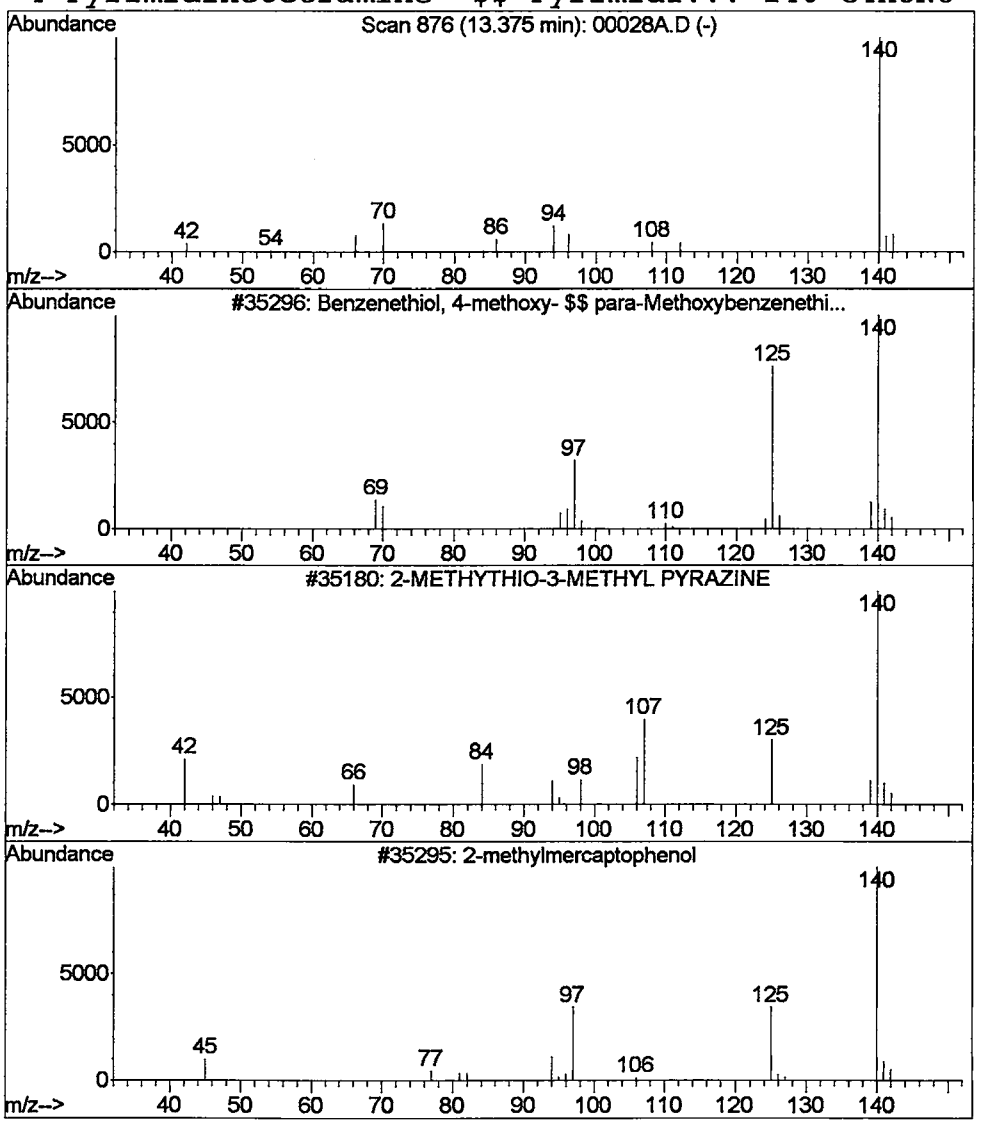
****

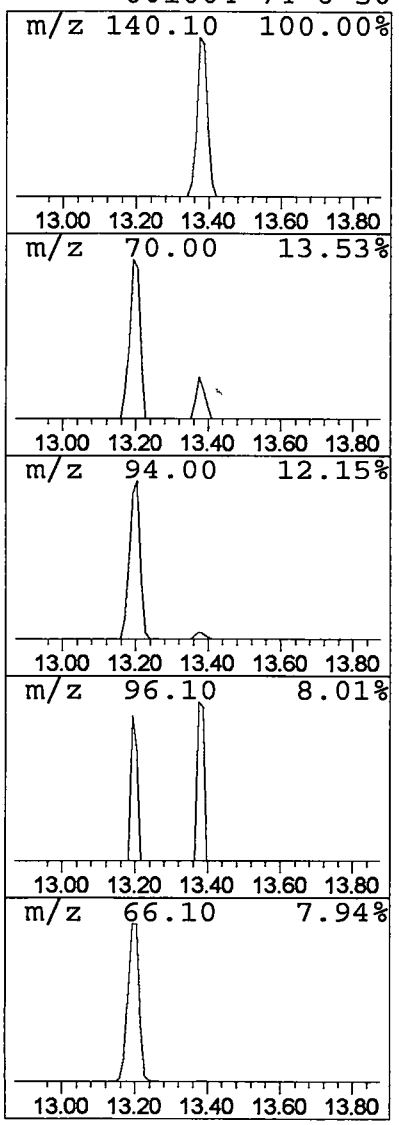
Peak Number 8 Benzenethiol, 4-methoxy- $$... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	0.04 ug/L	45992	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenethiol, 4-methoxy- $$ para...	140	C7H8OS	000696-63-9	64
2	2-METHYTHIO-3-METHYL PYRAZINE	140	C6H8N2S	002882-20-4	64
3	2-methylmercaptophenol	140	C7H8OS	000000-00-0	56
4	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	50

NO Good match





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

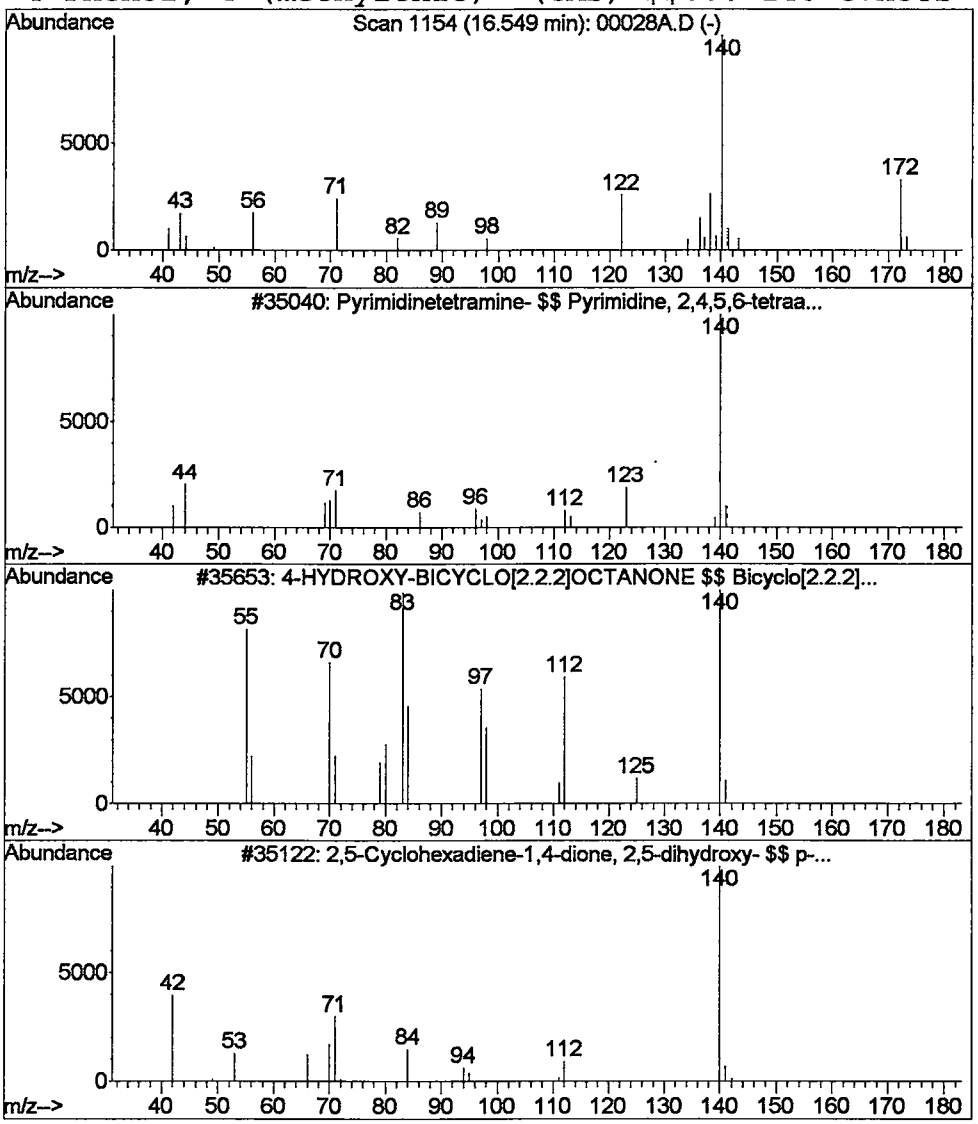
****

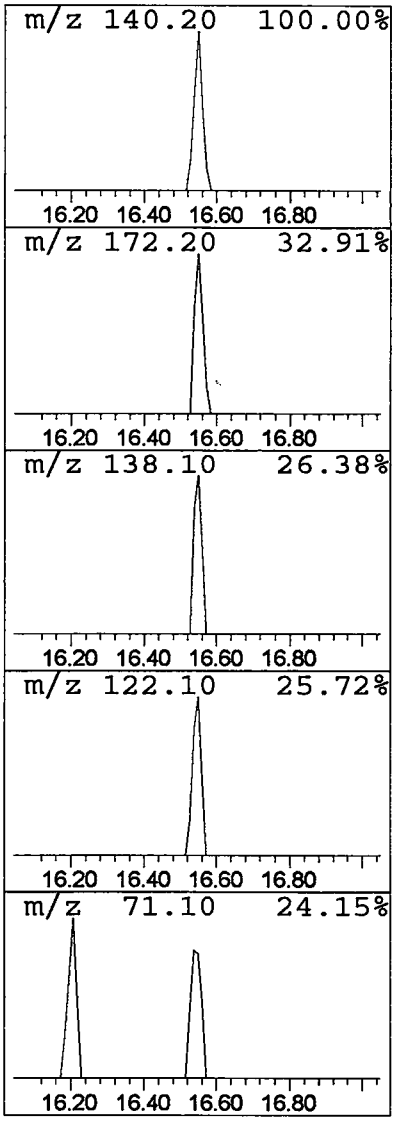
Peak Number 9 Pyrimidinetetramine- $$ Pyr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	59272	Acenaphthene-d10	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	43
2	4-HYDROXY-BICYCLO[2.2.2]OCTANONE...	140	C8H12O2	066348-59-2	43
3	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	37
4	Phenol, 4-(methylthio)- (CAS) $$...	140	C7H8OS	001073-72-9	25

ND GOOD MATCH





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

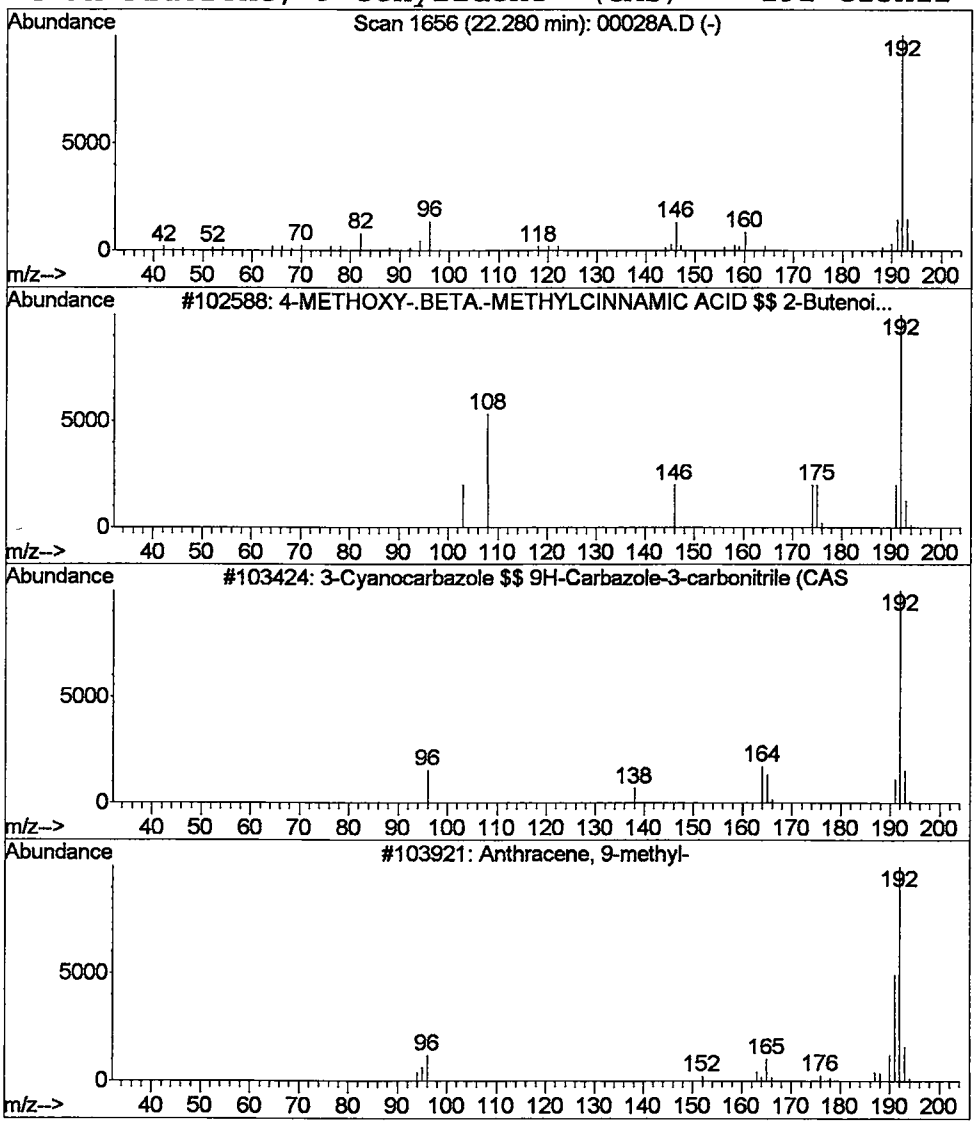
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

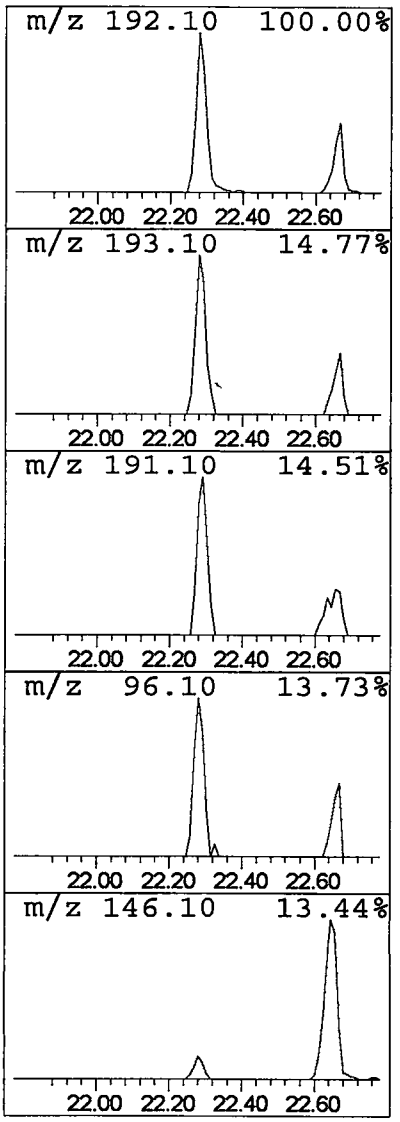
****

Peak Number 10 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.17 ug/L	216074	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	59
4	9H-Fluorene, 9-ethylidene- (CAS)	192	C15H12	007151-64-6	59





NYC-WTC_000004855

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

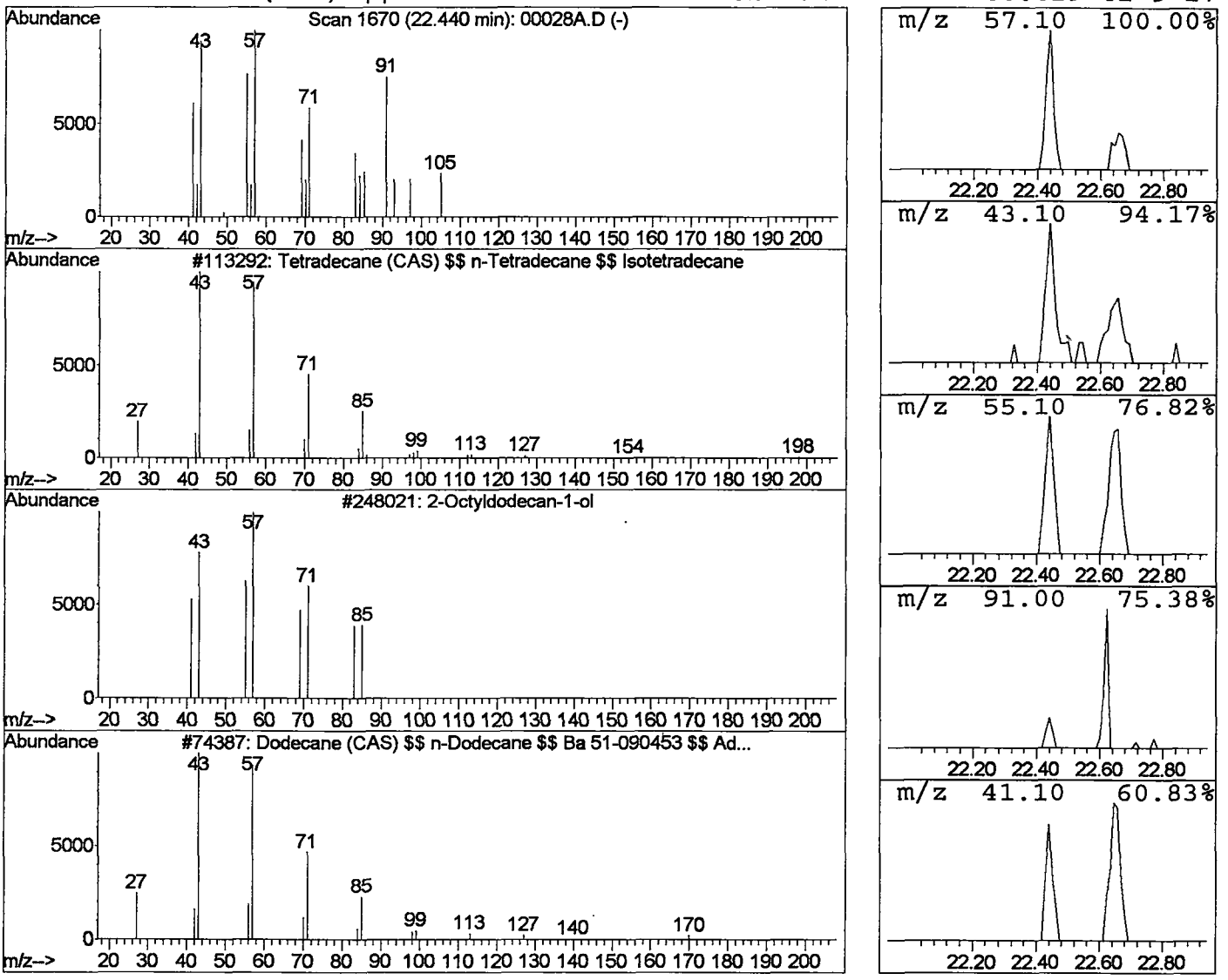
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

****

Peak Number 11 Tetradecane (CAS) $$ n-Tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	0.04 ug/L	49358	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane (CAS) $$ n-Tetradeca...	198	C14H30	000629-59-4	35
2	2-Octyldodecan-1-ol	298	C20H42O	000000-00-0	35
3	Dodecane (CAS) $$ n-Dodecane $$ ...	170	C12H26	000112-40-3	27
4	Pentadecane (CAS) $$ n-Pentadeca...	212	C15H32	000629-62-9	27



NYC-WTC_000004856

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D Vial: 4
Acq On : 5 Feb 2002 5:27 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

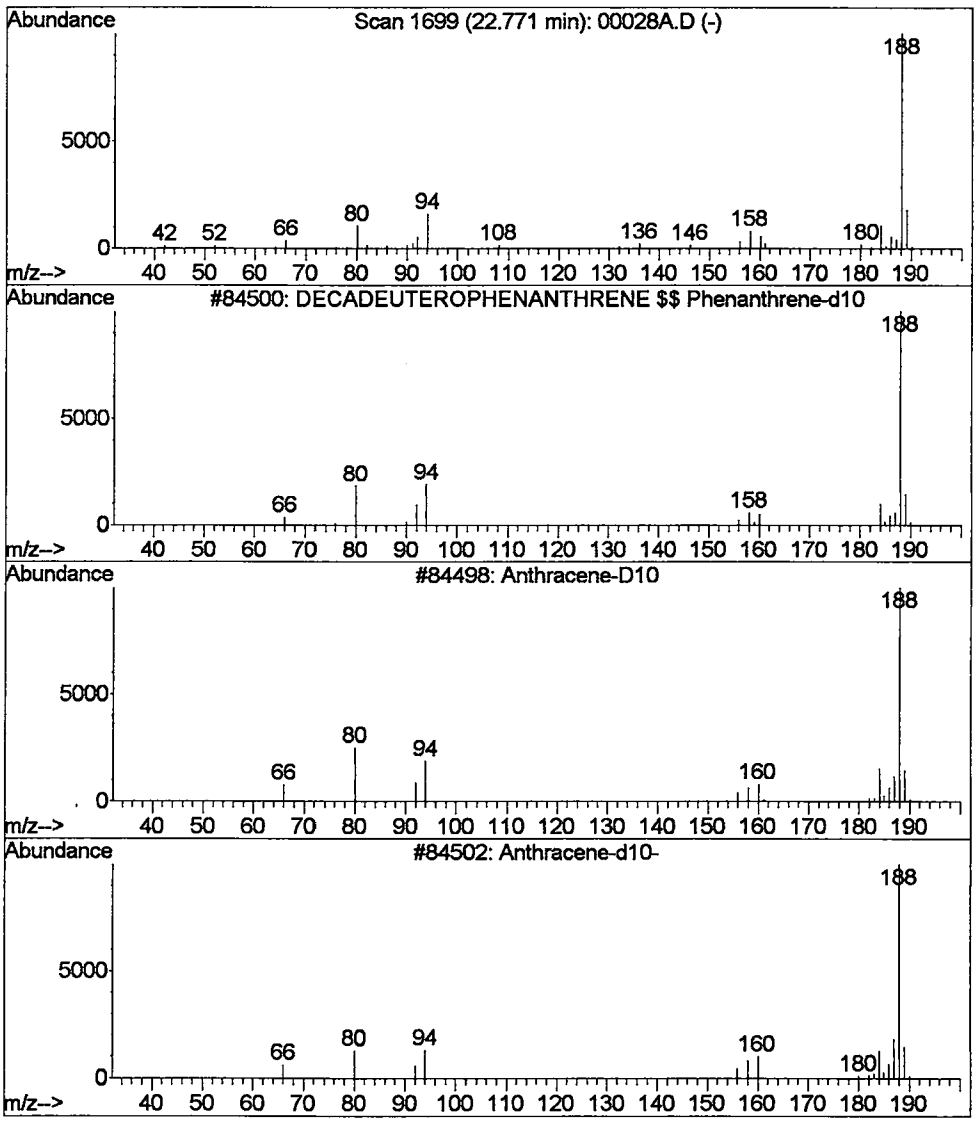
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

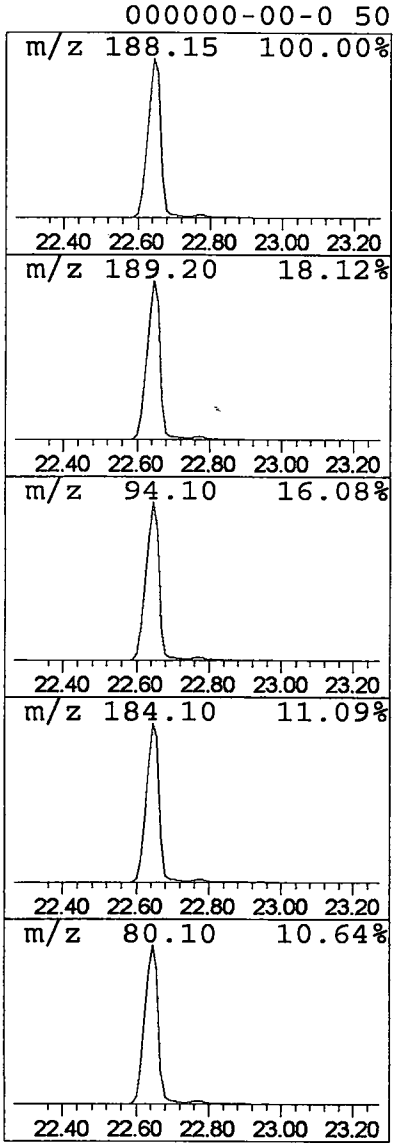
****

Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.43 ug/L	530721	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Anthracene-D10	188	C14D10	000000-00-0	91
3	Anthracene-d10-	188	C14D10	001719-06-8	78
4	Acridine-D9	188	C13D9N	000000-00-0	50





NYC-WTC_000004857

NYC 9/11 Public Portal Document

Library Search Compound Report

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Data File : C:\MSDCHEM\1\5973N\02FEB05\00028A.D          Vial: 4
Acq On    :  5 Feb 2002    5:27 pm                    Operator:
Sample    : 508 scan; re-ext                          Inst    : Instrumen
Misc      : February 5, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

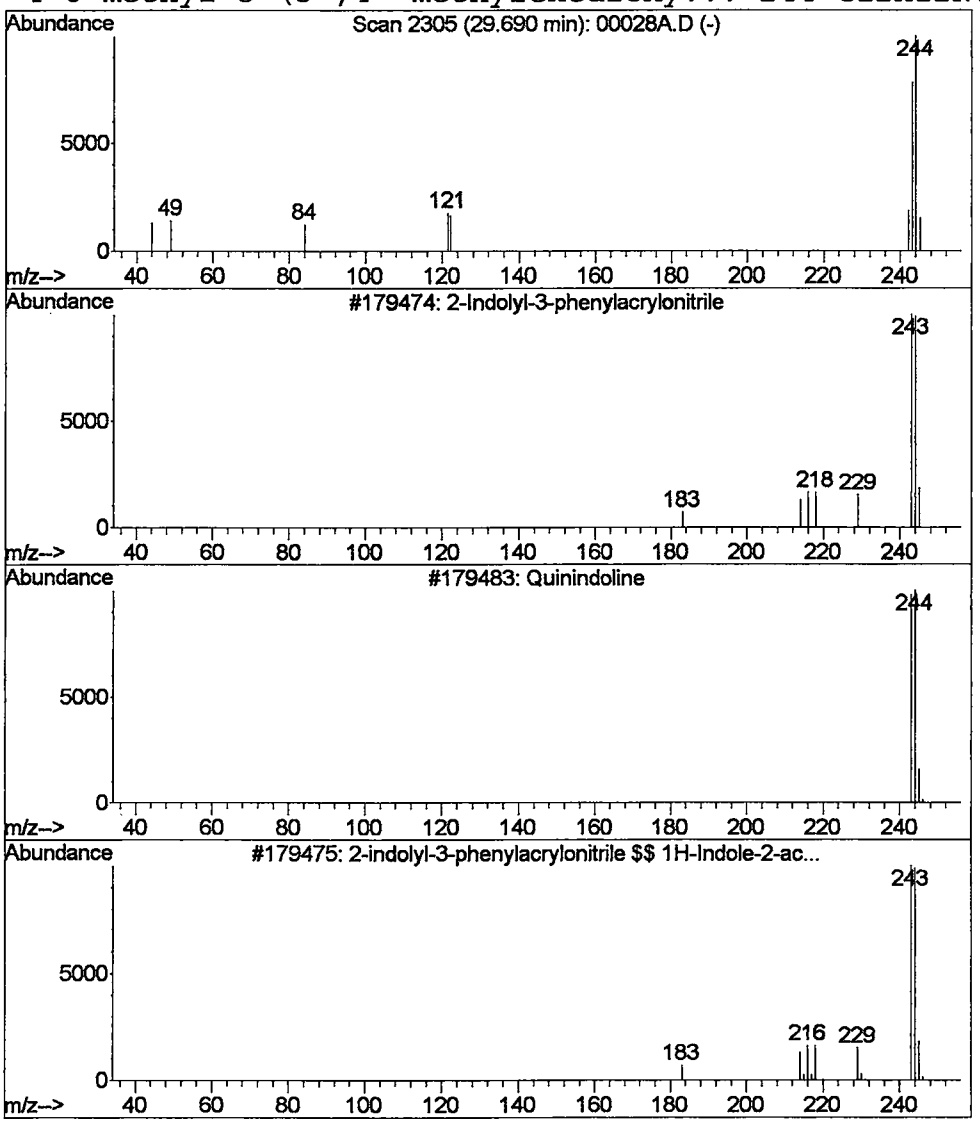
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
```

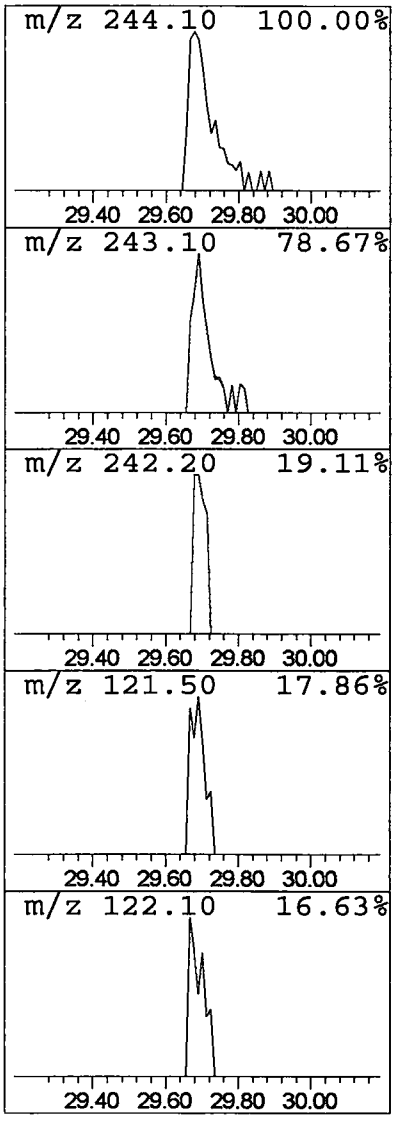
****

Peak Number 13 2-Indolyl-3-phenylacrylonit... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.69	0.04 ug/L	41349	Chrysene-d12	30.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indolyl-3-phenylacrylonitrile	244	C17H12N2	000000-00-0	78
2	Quinindoline	244	C17H12N2	000000-00-0	74
3	2-indolyl-3-phenylacrylonitrile ...	244	C17H12N2	113373-57-2	64
4	6-methyl-5-(3',4'-methylenedioxy...	244	C12H12N4O2	000000-00-0	64





NYC-WTC_000004858

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Feb 2002 5:27 pm
Data File: C:\MSDCHEM\1\5973N\02FEB05\00028A.D
Name: 508 scan; re-ext
Misc: February 5, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP020702.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.49	0.1	ug/L	58189	1	9.71	14617900	20.0
Butanoic acid, me...	3.60	0.1	ug/L	73723	1	9.71	14617900	20.0
2,2-dimethoxybutane	4.23	0.5	ug/L	383371	1	9.71	14617900	20.0
Acetic acid, 3-[1...	5.92	0.2	ug/L	157009	1	9.71	14617900	20.0
2-Propanol, 1-(2-...	9.54	0.1	ug/L	106955	1	9.71	14617900	20.0
2-Propanol, 1-(2-...	9.63	0.2	ug/L	119950	1	9.71	14617900	20.0
2-Propanol, 1-(2-...	9.84	0.3	ug/L	224684	1	9.71	14617900	20.0
Benzenethiol, 4-m...	13.37	0.0	ug/L	45992	2	13.20	21060400	20.0
Pyrimidinetetrami...	16.55	0.1	ug/L	59272	3	18.35	23169900	20.0
4-METHOXY-.BETA.-...	22.28	0.2	ug/L	216074	4	22.65	24831300	20.0
Tetradecane (CAS)...	22.44	0.0	ug/L	49358	4	22.65	24831300	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	530721	4	22.65	24831300	20.0
2-Indolyl-3-pheny...	29.69	0.0	ug/L	41349	5	30.51	23418200	20.0

NYC-WTC_000004859

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\28324A.D Vial: 3
Acq On : 5 Feb 2002 12:22 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:16 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

repeated not needed

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2243485	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	9526309	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	5047658	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	8347159	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	7477918	20.00	ug/L	-0.01
44) Perylene-d12	34.43	264	5367160	20.00	ug/L	0.01
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	431652	4.41	ug/L	0.00
Spiked Amount 5.000			Recovery =	88.20%		
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	808228	2.42	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	640180	9.85	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	15115	0.59	ug/L	85

(#) = qualifier out of range (m) = manual integration
28324A.D SCAN508.M Thu Feb 21 10:12:17 2002 Page 1

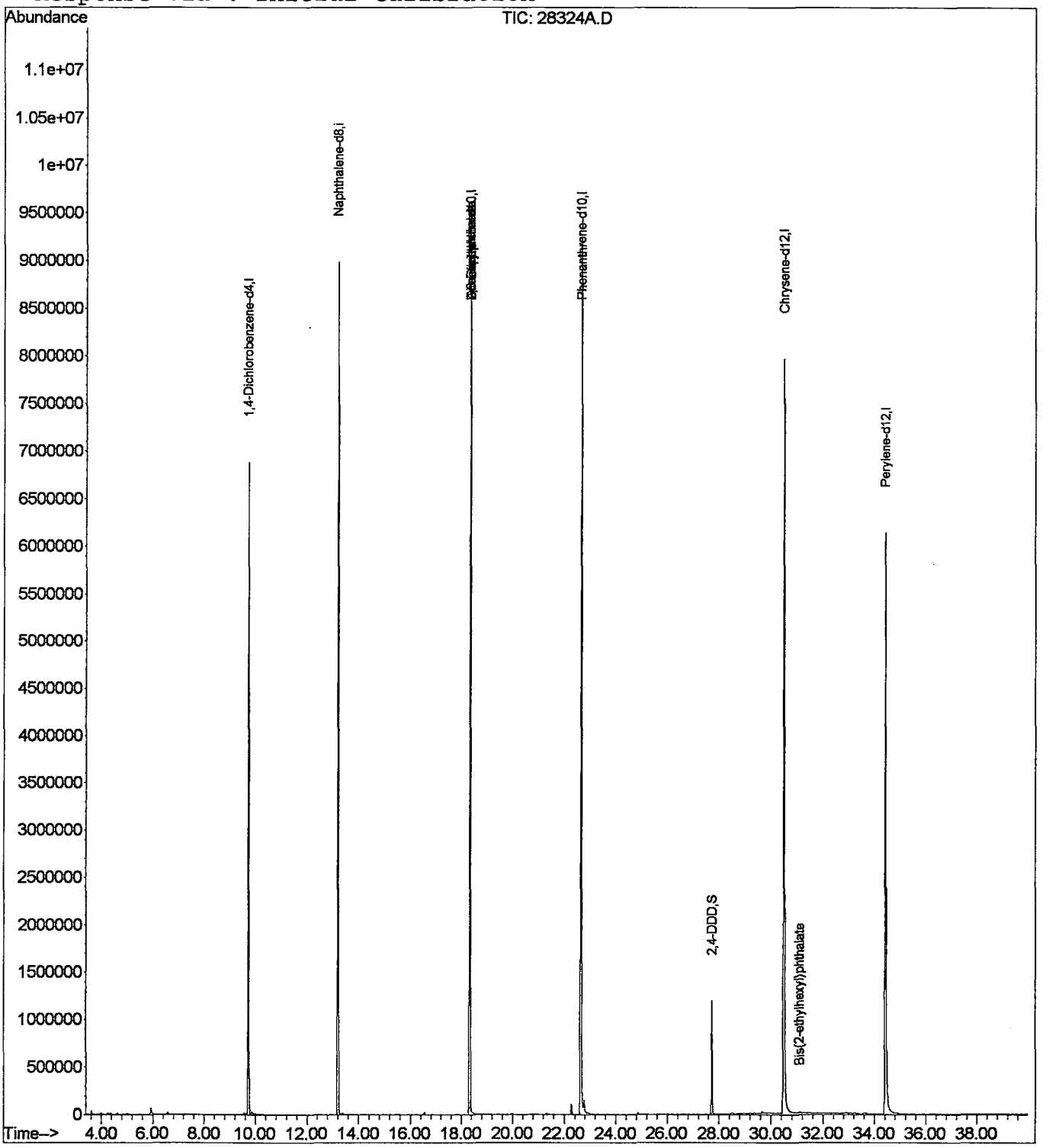
NYC-WTC_000004860

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\28324A.D Vial: 3
Acq On : 5 Feb 2002 12:22 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration



NYC-WTC_000004861

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\28324A.D Vial: 3
Acq On : 5 Feb 2002 12:22 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.614	17	21	25	rVV	35791	61549	0.28%	0.053%
2	4.253	73	77	83	rBV2	16499	44720	0.20%	0.038%
3	5.920	219	223	233	rBV	75395	167003	0.75%	0.143%
4	6.582	275	281	287	rVB	22302	51726	0.23%	0.044%
5	9.550	539	541	547	rBV2	16877	38137	0.17%	0.033%
6	9.710	551	555	561	rVV	6875034	12810484	57.72%	10.945%
7	9.847	565	567	573	rBV	29089	80208	0.36%	0.069%
8	10.007	579	581	593	rVB2	14366	34603	0.16%	0.030%
9	13.192	855	860	865	rBV	8978455	18433255	83.06%	15.749%
10	13.375	873	876	883	rVB2	20103	44291	0.20%	0.038%
11	16.549	1151	1154	1159	rBV	25698	45408	0.20%	0.039%
12	18.341	1305	1311	1317	rBV	9534666	20334715	91.62%	17.374%
13	22.280	1651	1656	1661	rVV	112452	199897	0.90%	0.171%
14	22.646	1681	1688	1693	rBV2	9249342	22193982	100.00%	18.962%
15	22.771	1695	1699	1731	rVB	149768	611596	2.76%	0.523%
16	24.849	1875	1881	1885	rVB	17471	33738	0.15%	0.029%
17	27.726	2127	2133	2139	rVV	1193059	2158941	9.73%	1.845%
18	29.678	2301	2304	2309	rBV3	20676	51160	0.23%	0.044%
19	30.500	2369	2376	2381	rBV2	7956439	21520925	96.97%	18.387%
20	34.428	2713	2720	2753	rBV	6135686	18126752	81.67%	15.487%

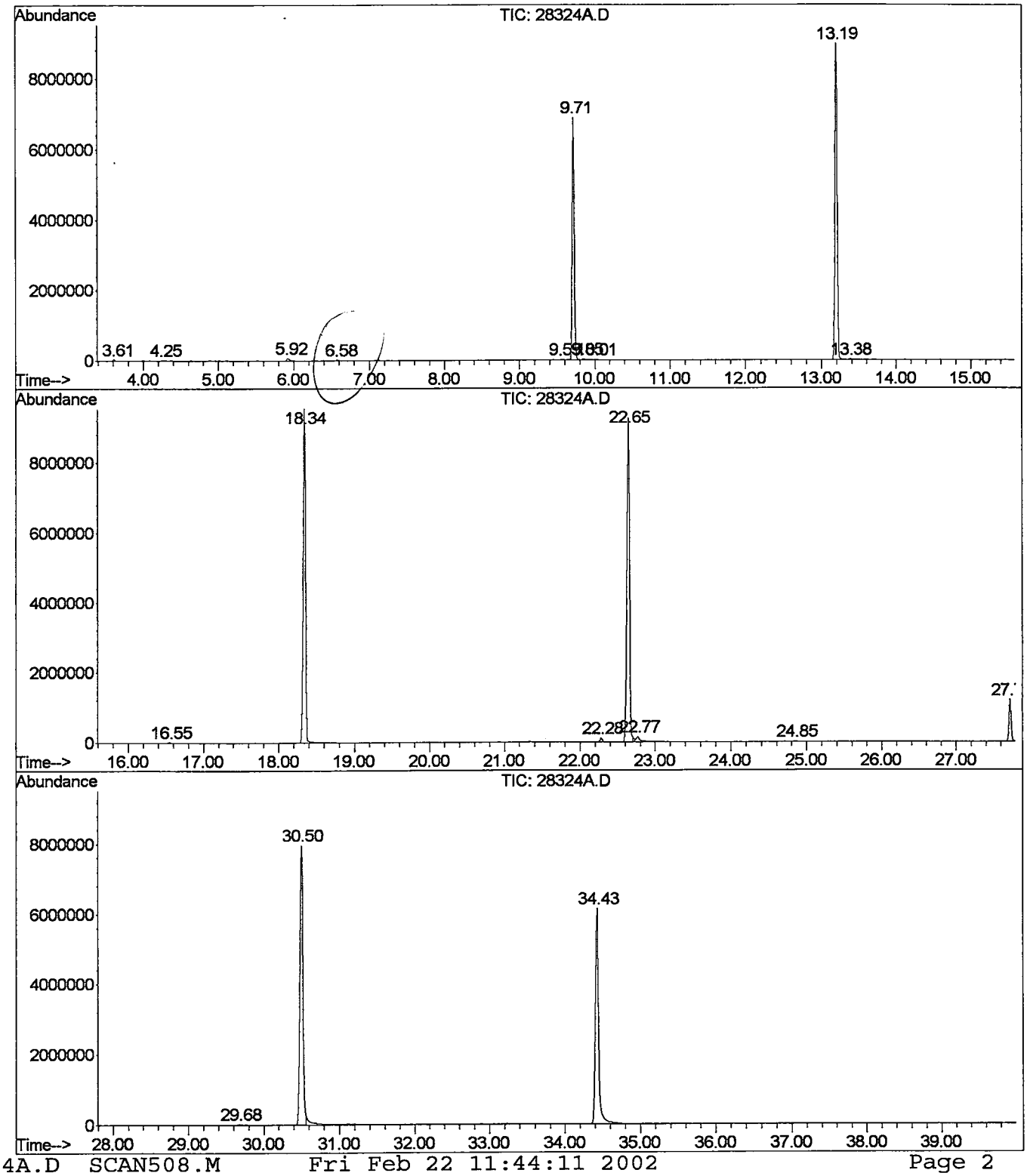
Sum of corrected areas: 117043090

NYC-WTC_000004862

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB05\28324A.D
Operator :
Acquired : 5 Feb 2002 12:22 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan; re-ext
Misc Info : February 5, 2002
Vial Number: 3
Quant File :SCAN508.RES (RTE Integrator)



NYC-WTC_000004863

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\28324A.D Vial: 3
Acq On : 5 Feb 2002 12:22 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

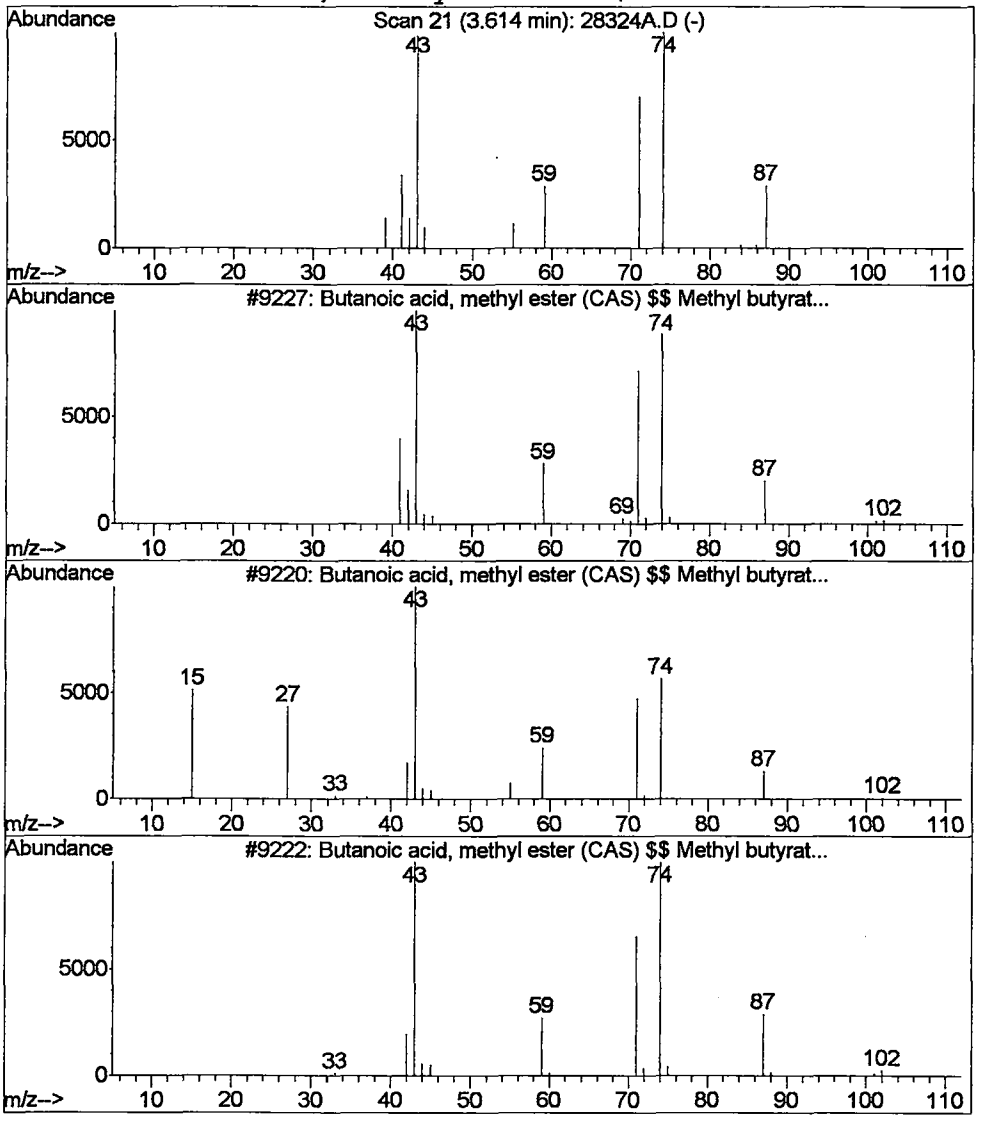
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

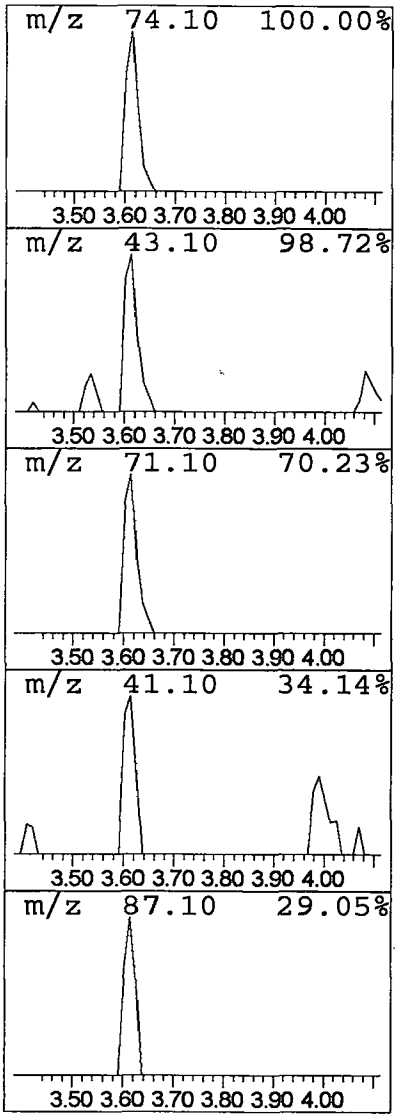
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.10 ug/L	61549	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78





NYC-WTC_000004864

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\28324A.D Vial: 3
Acq On : 5 Feb 2002 12:22 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

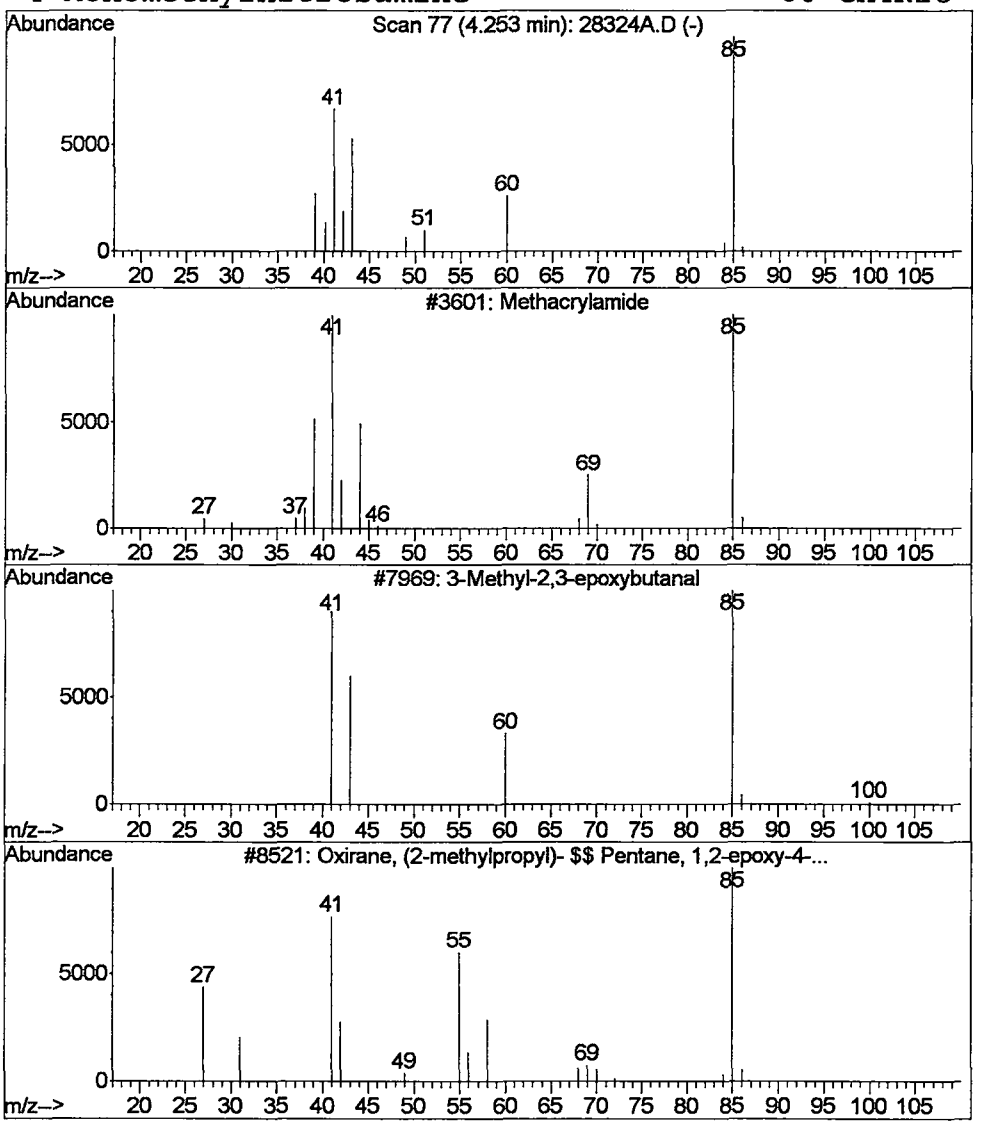
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

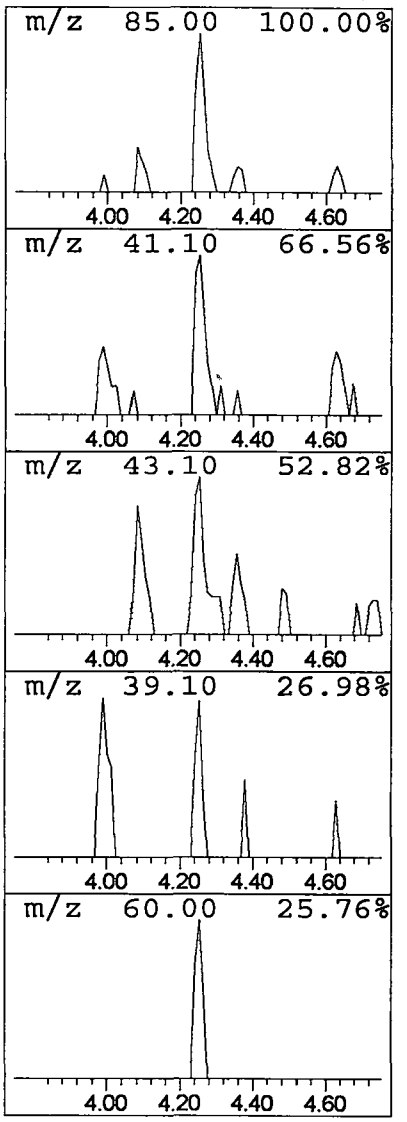
****

Peak Number 2 Methacrylamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	0.07 ug/L	44720	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	9
2	3-Methyl-2,3-epoxybutanal	100	C5H8O2	000000-00-0	9
3	Oxirane, (2-methylpropyl)- $$ Pe...	100	C6H12O	023850-78-4	9
4	Monomethylnitrosamine	60	CH4N2O	064768-29-2	7





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\28324A.D Vial: 3
Acq On : 5 Feb 2002 12:22 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

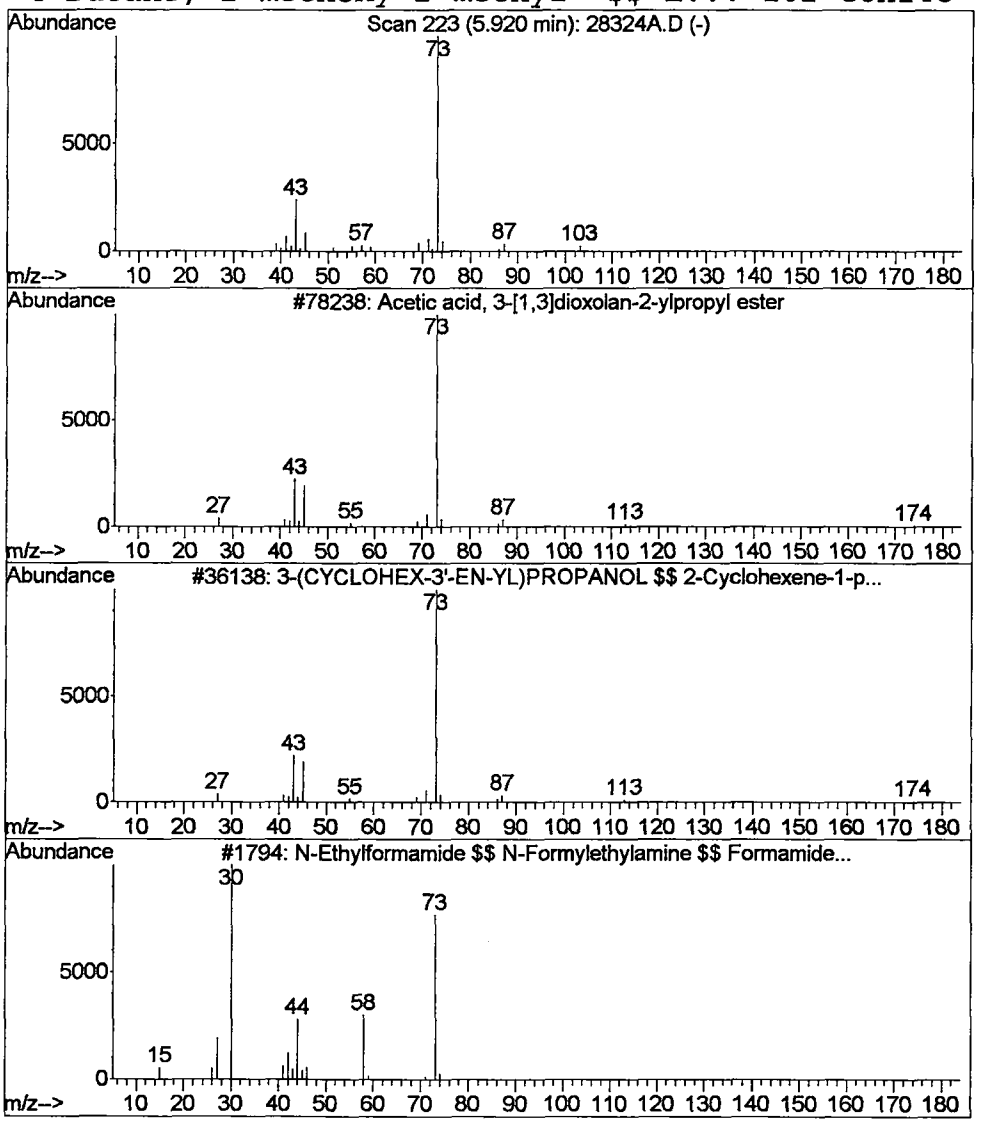
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

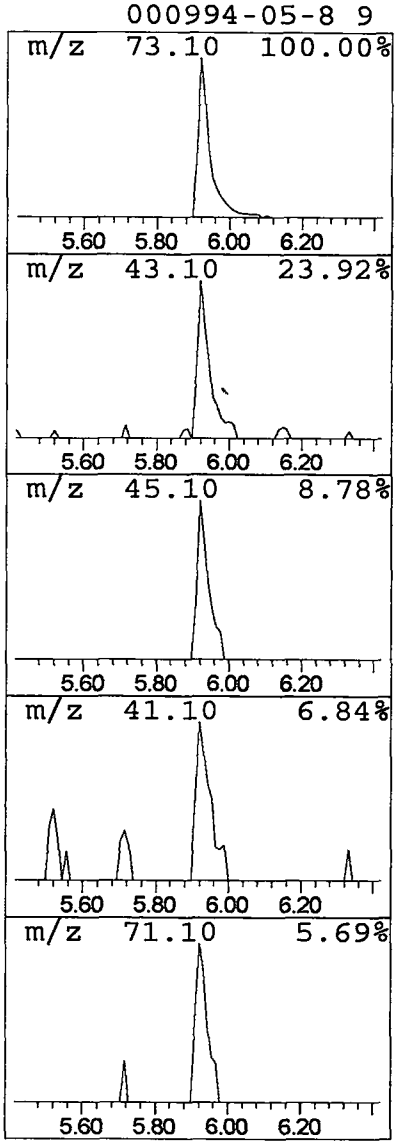
****

Peak Number 3 Acetic acid, 3-[1,3]dioxola... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.26 ug/L	167003	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	9





NYC-WTC_000004866

NYC 9/11 Public Portal Document

Library Search Compound Report

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Acq On : 5 Feb 2002 12:22 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

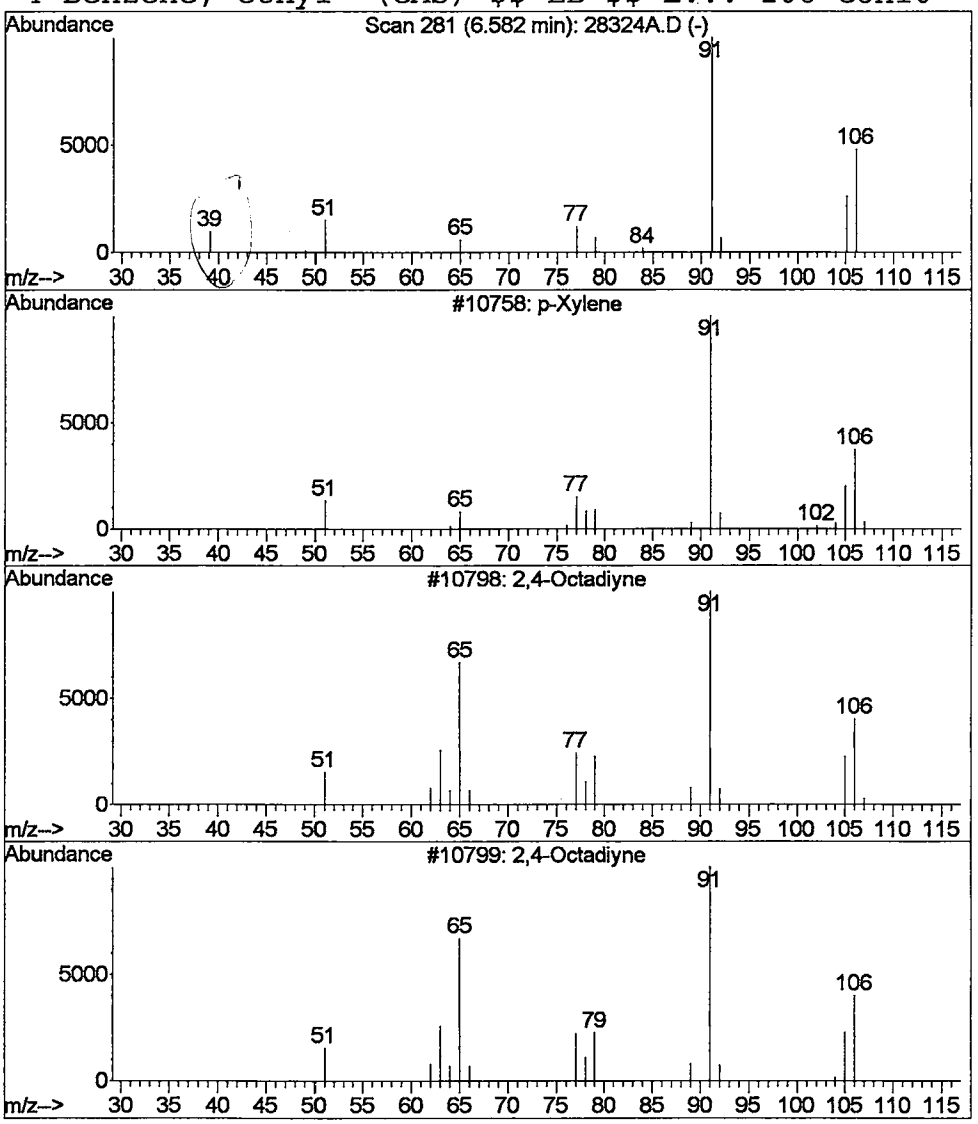
possible p-Xylene

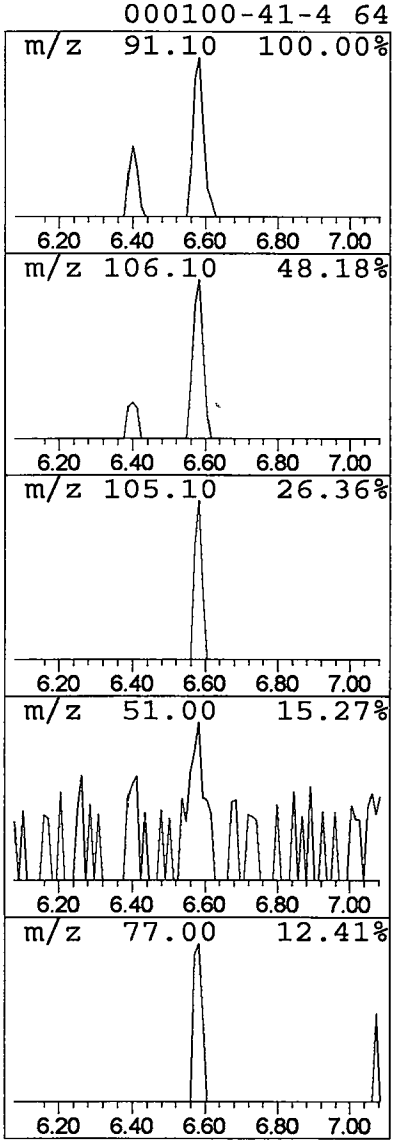
****

Peak Number 4 p-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	0.08 ug/L	51726	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	83
2	2,4-Octadiyne	106	C8H10	002809-71-4	72
3	2,4-Octadiyne	106	C8H10	002809-71-4	72
4	Benzene, ethyl- (CAS) $$ EB $$ E...	106	C8H10	000100-41-4	64





NYC-WTC_000004867

NYC 9/11 Public Portal Document

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MS Integration Params: LSCINT.P

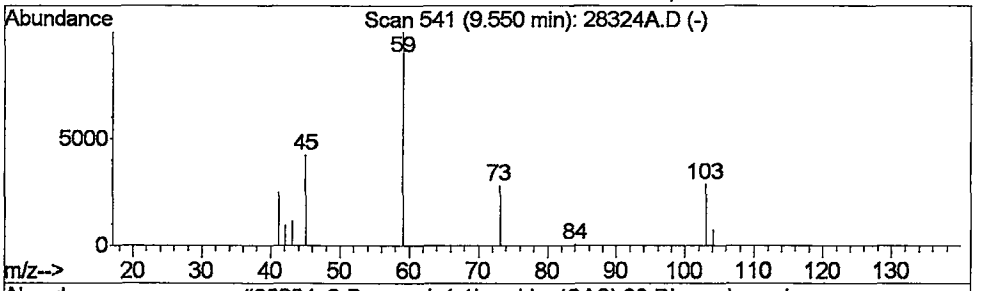
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

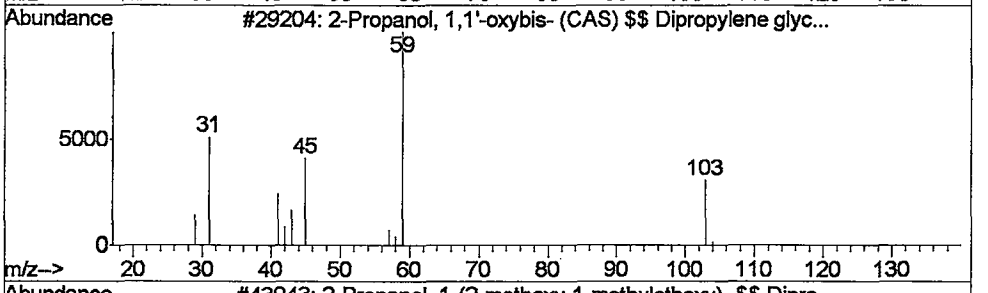
****

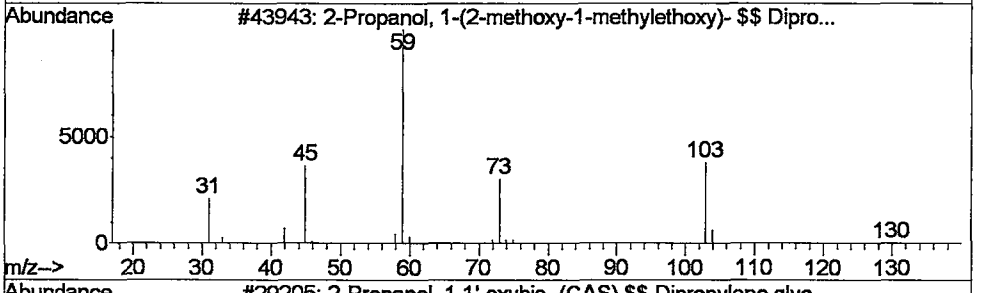
Peak Number 5 2-Propanol, 1,1'-oxybis- (C... Concentration Rank 8

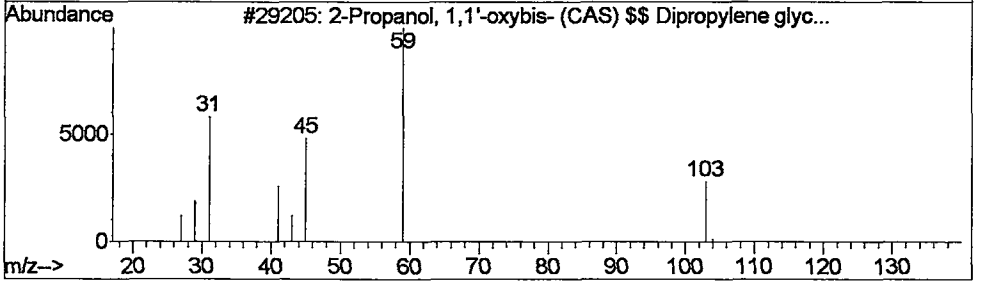
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.06 ug/L	38137	1,4-Dichlorobenzene-d4	9.71

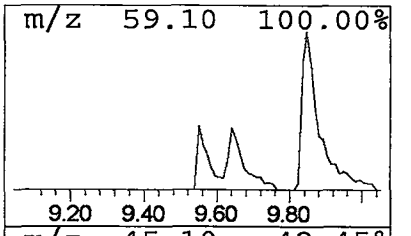
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	56
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	56
3	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	39
4	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	9

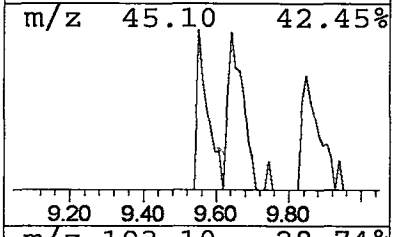


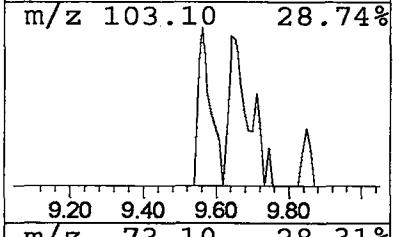


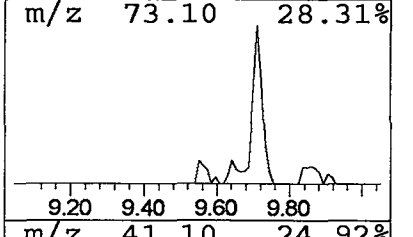


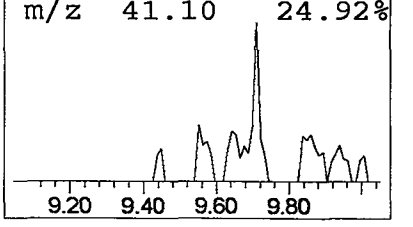












NYC-WTC_000004868

Library Search Compound Report

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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

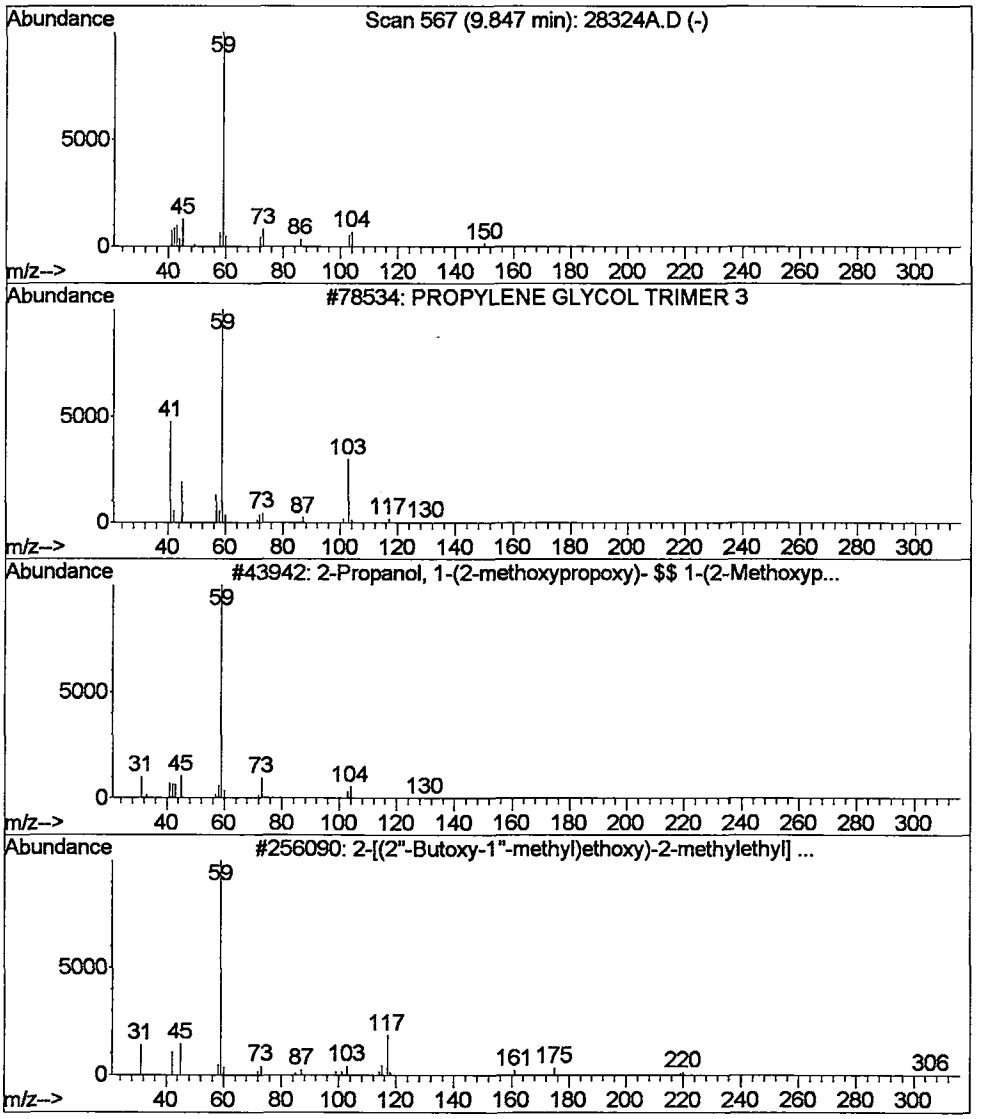
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

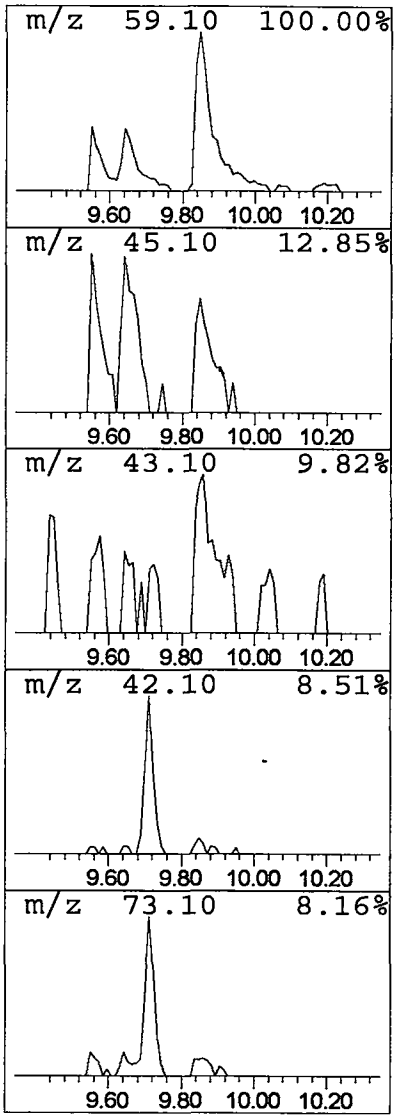
****

Peak Number 6 PROPYLENE GLYCOL TRIMER 3 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.13 ug/L	80208	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	78
2	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	78
3	2-[(2''-Butoxy-1''-methyl)ethoxy...	306	C16H34O5	000000-00-0	72
4	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	72





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Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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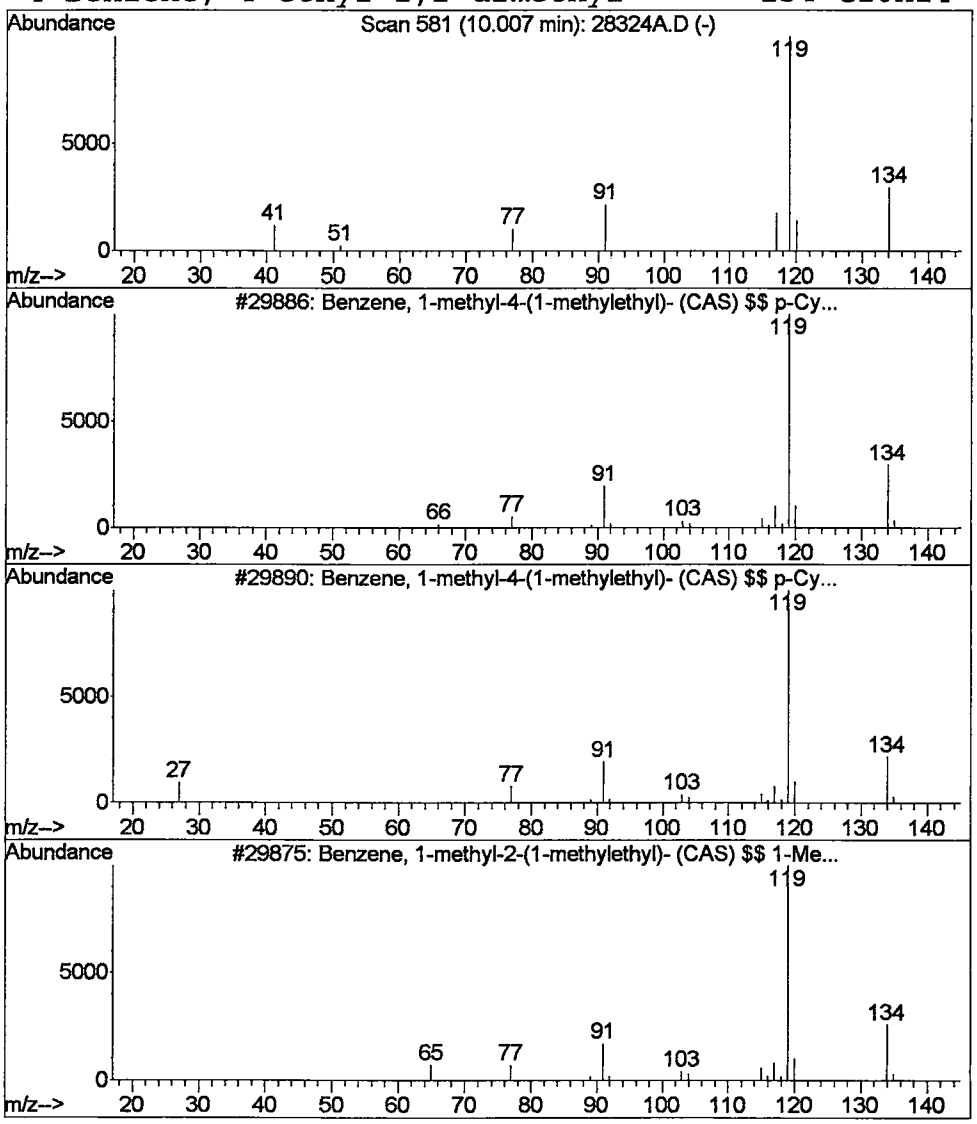
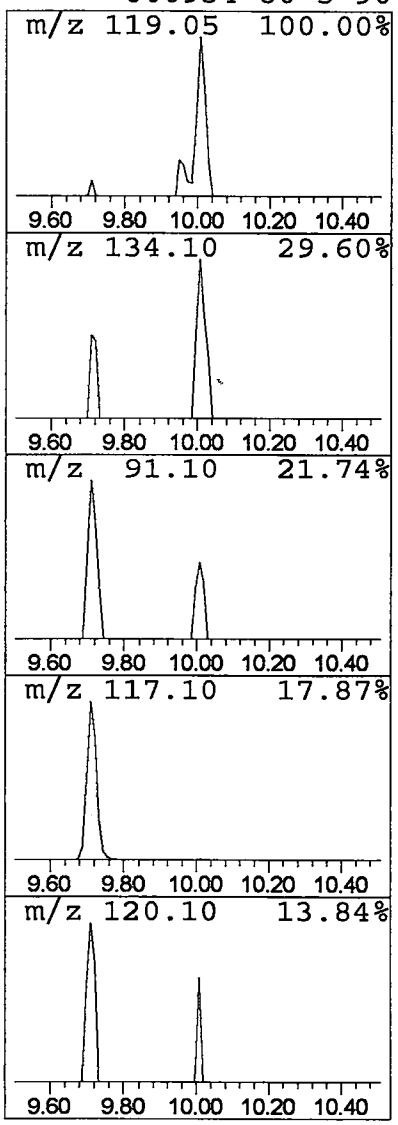
Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	0.05 ug/L	34603	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





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Library Search Compound Report

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Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

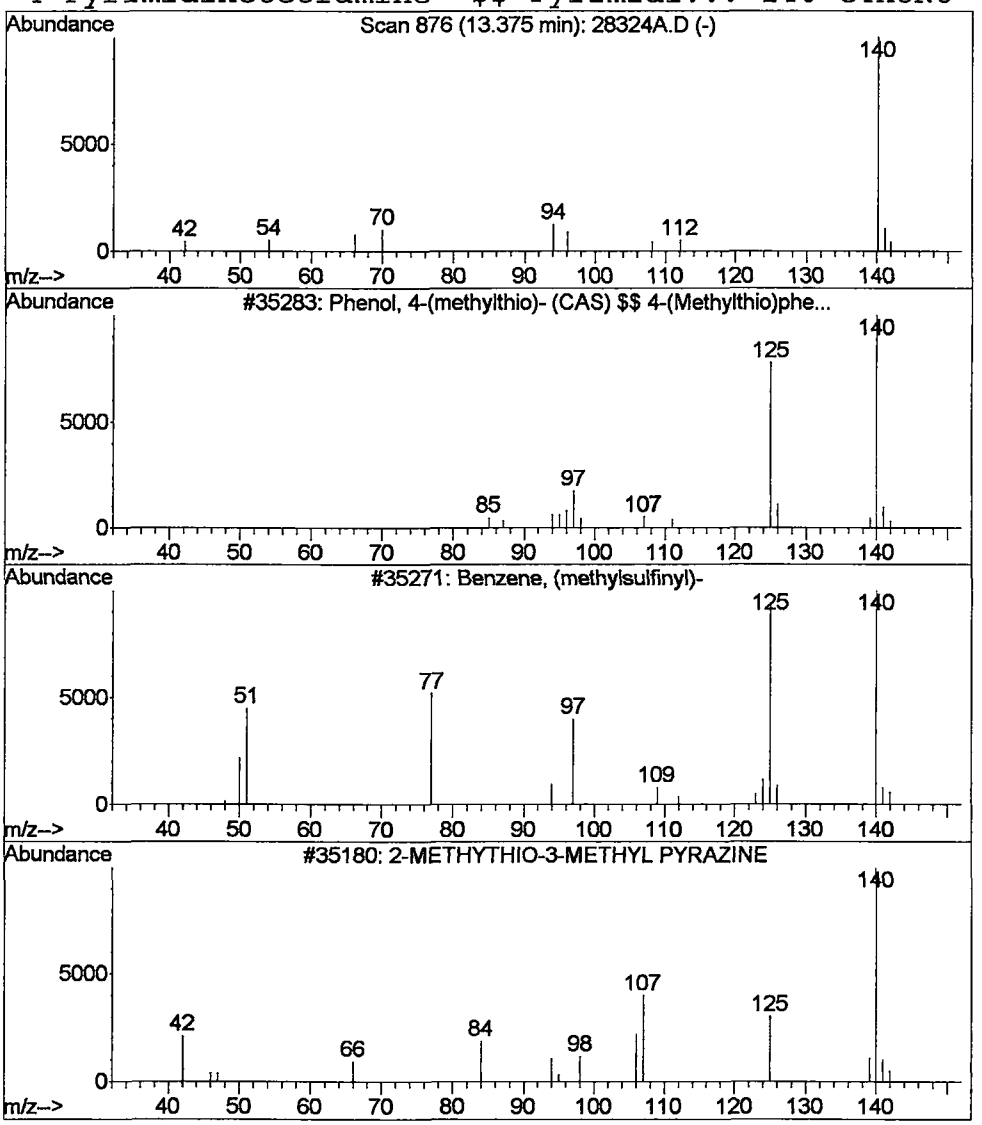
****

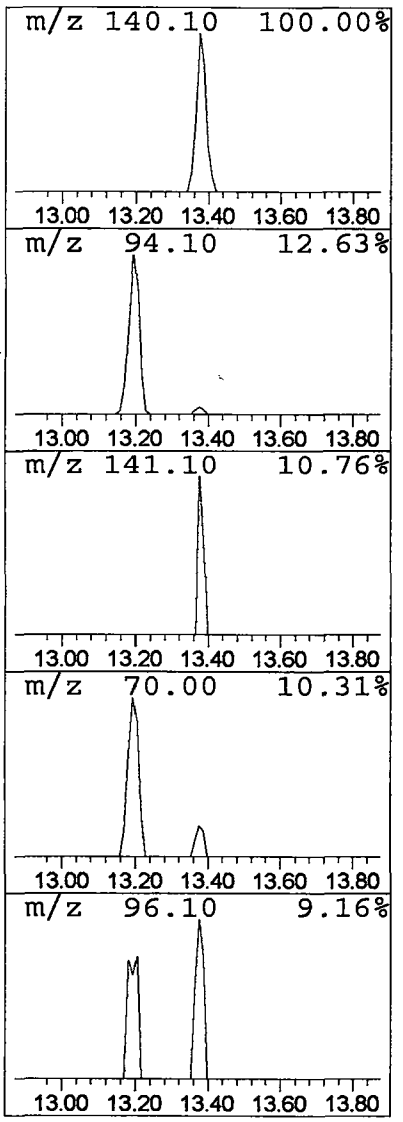
Peak Number 8 Phenol, 4-(methylthio)- (CA... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.05 ug/L	44291	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(methylthio)- (CAS) $$...	140	C7H8OS	001073-72-9	78
2	Benzene, (methylsulfinyl)-	140	C7H8OS	001193-82-4	72
3	2-METHYTHIO-3-METHYL PYRAZINE	140	C6H8N2S	002882-20-4	64
4	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	64

ND GOOD MATCH





NYC-WTC_000004871

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MS Integration Params: LSCINT.P

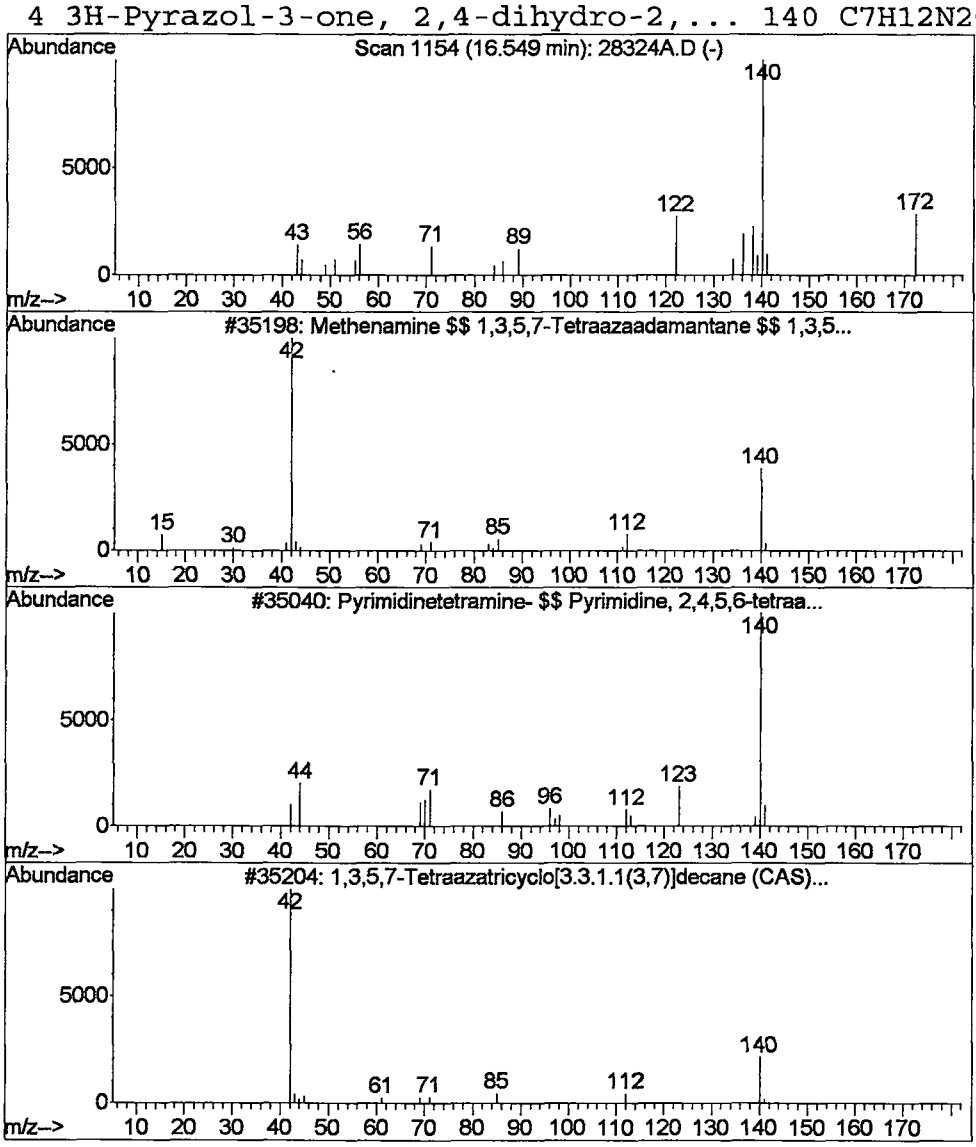
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

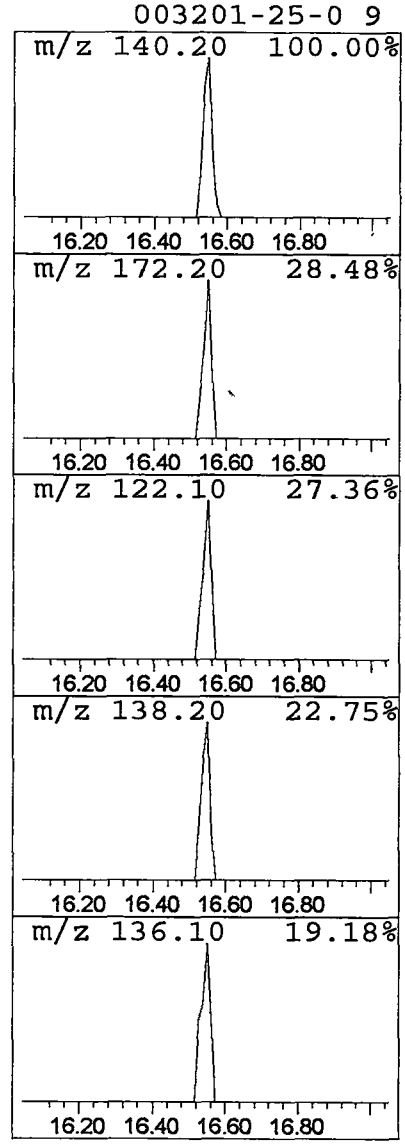
****

Peak Number 9 Methenamine $$ 1,3,5,7-Tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.04 ug/L	45408	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methenamine $$ 1,3,5,7-Tetraazaa...	140	C6H12N4	000100-97-0	25
2	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	17
3	1,3,5,7-Tetraazatricyclo[3.3.1.1...	140	C6H12N4	000100-97-0	9
4	3H-Pyrazol-3-one, 2,4-dihydro-2,...	140	C7H12N2O	003201-25-0	9





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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

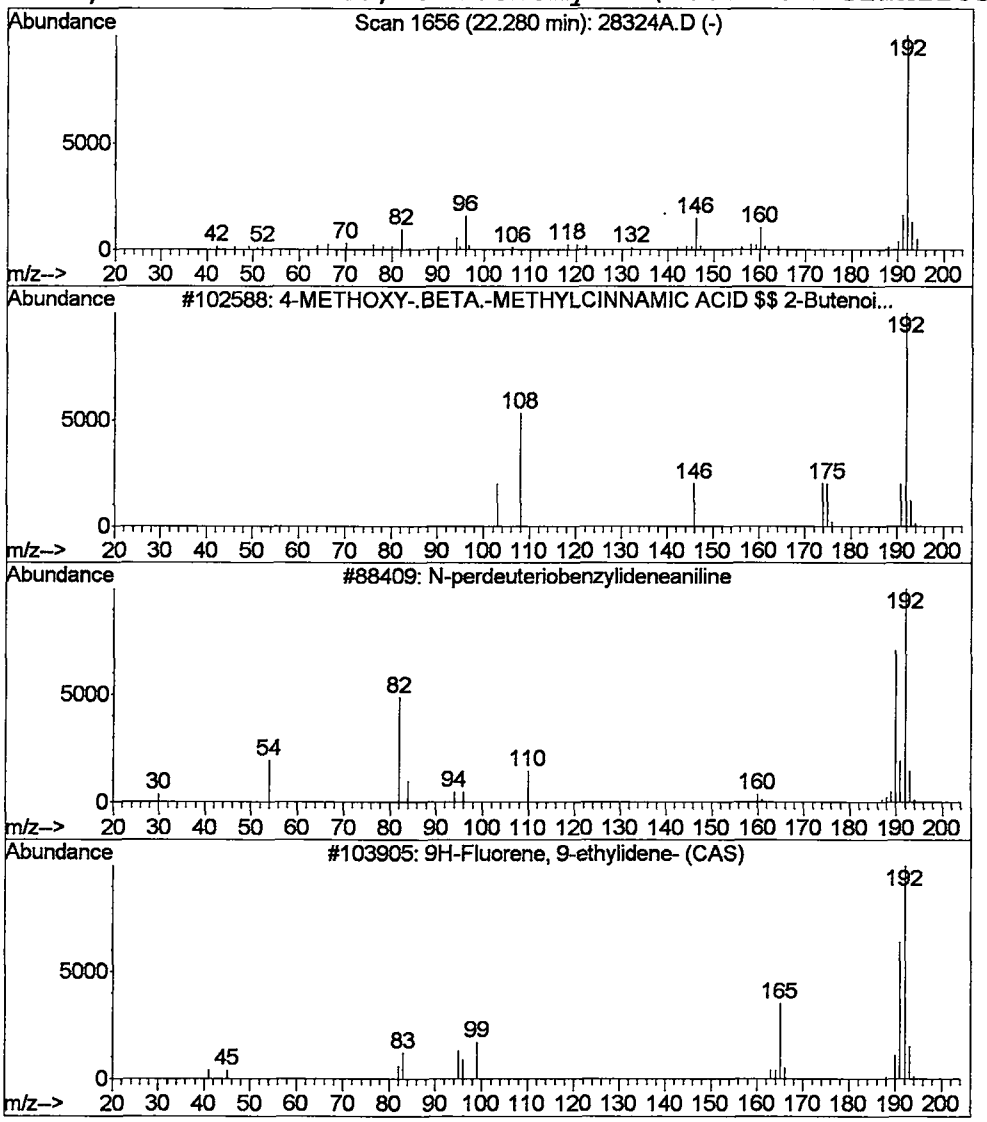
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

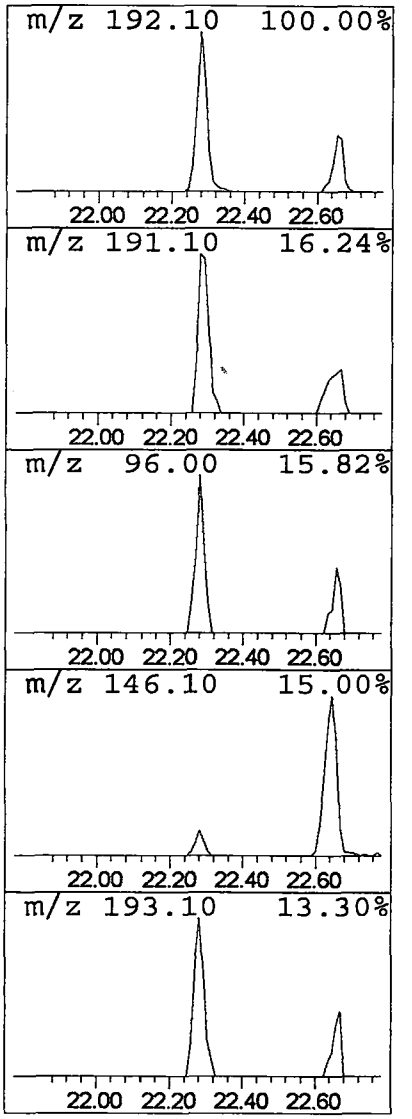
****

Peak Number 10 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.18 ug/L	199897	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	64
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	59
3	9H-Fluorene, 9-ethylidene- (CAS)	192	C15H12	007151-64-6	53
4	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	45





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MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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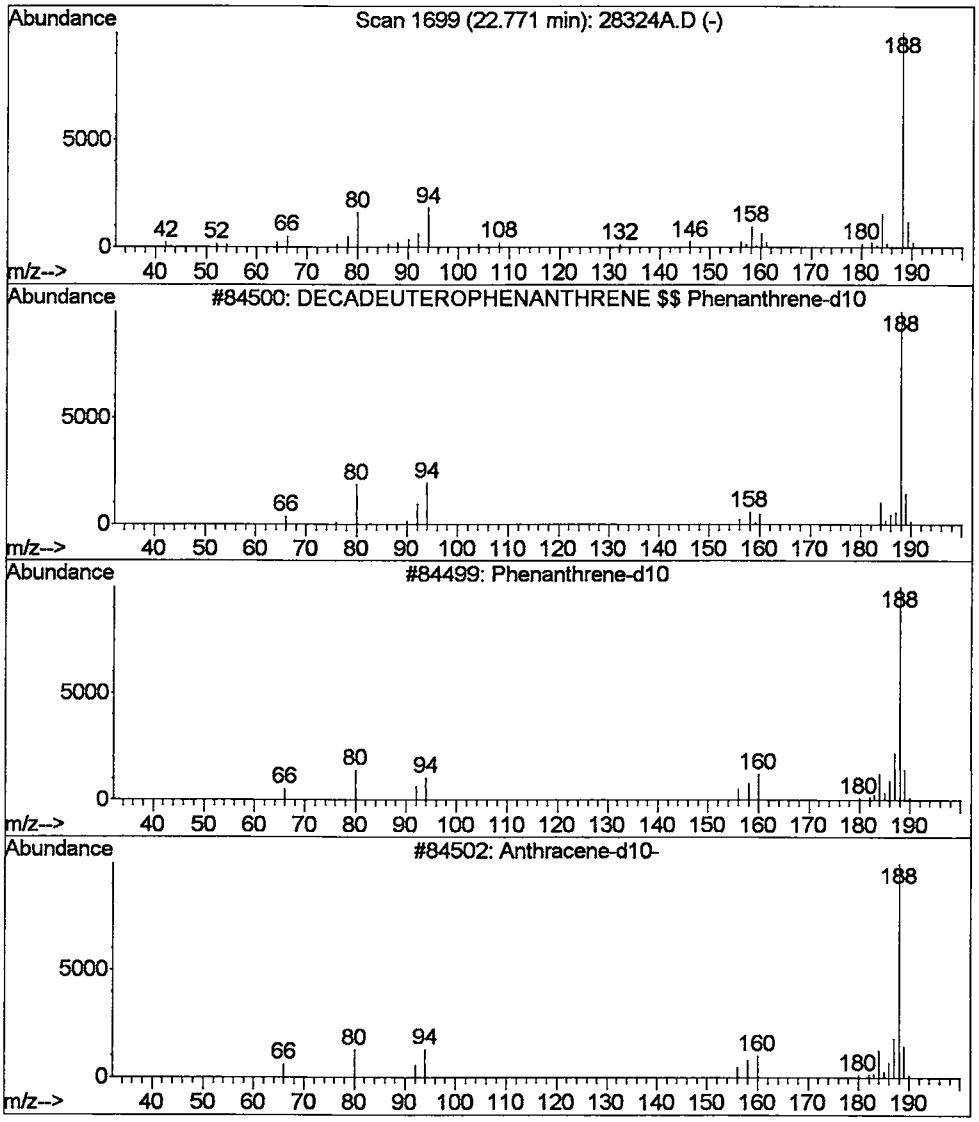
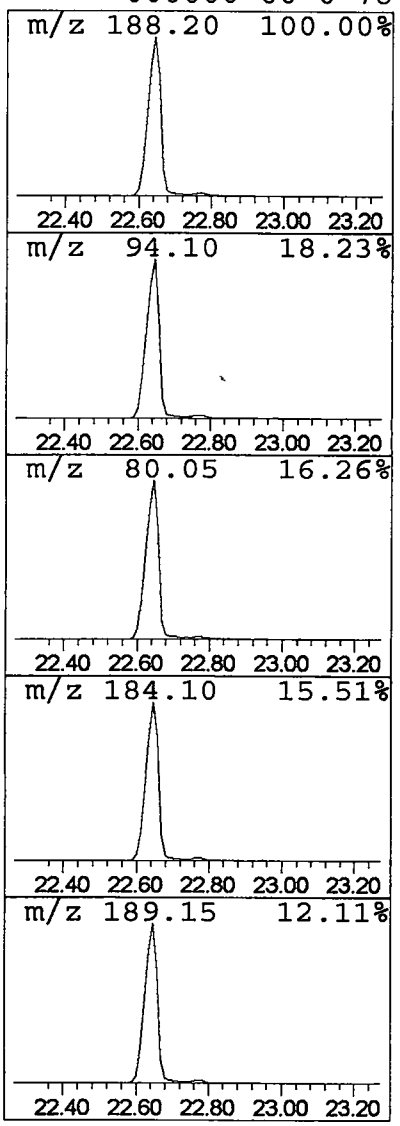
Peak Number 11 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.55 ug/L	611596	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	94
2	Phenanthrene-d10	188	C14D10	001517-22-2	87
3	Anthracene-d10-	188	C14D10	001719-06-8	83
4	Anthracene-D10	188	C14D10	000000-00-0	78





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Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

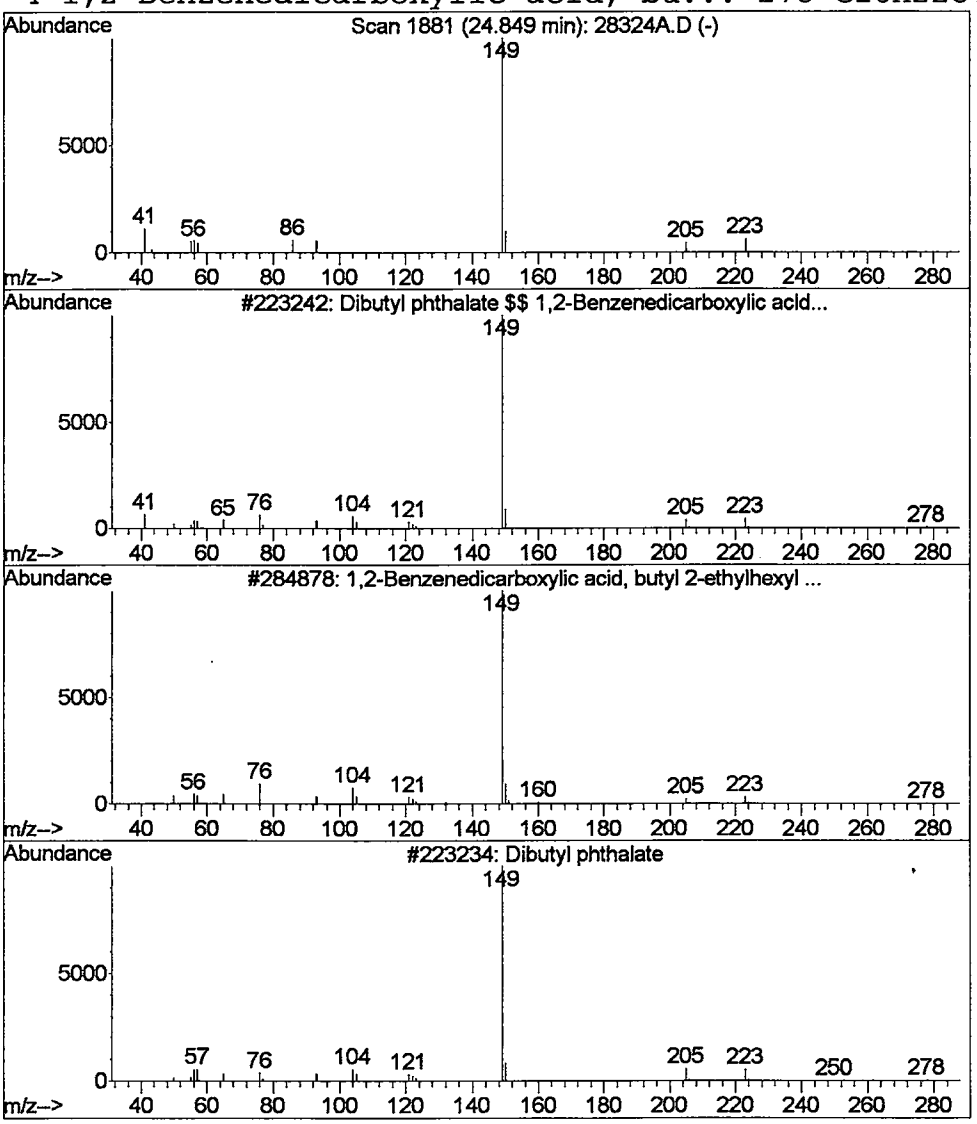
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

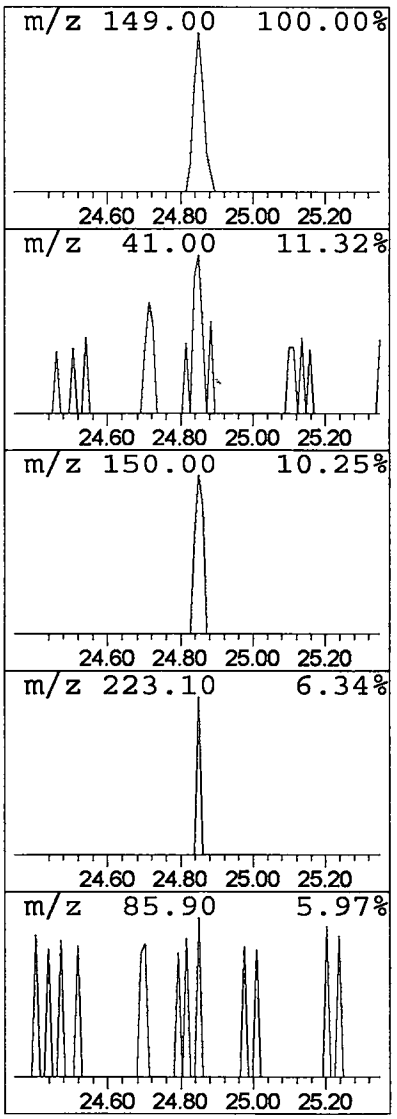
****

Peak Number 12 Dibutyl phthalate $$ 1,2-Be... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	0.03 ug/L	33738	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl phthalate $$ 1,2-Benzene...	278	C16H22O4	000084-74-2	83
2	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	74
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	74
4	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	64





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Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

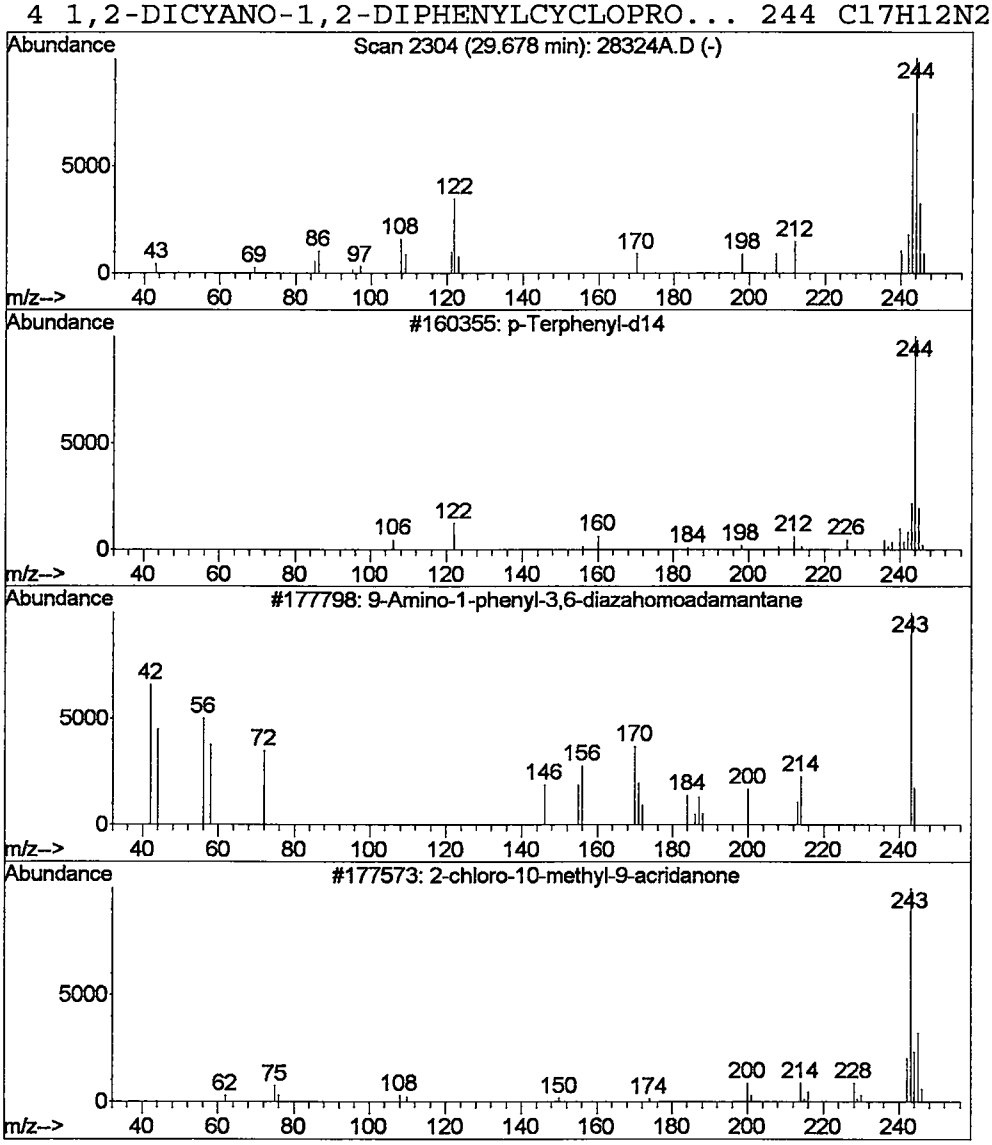
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

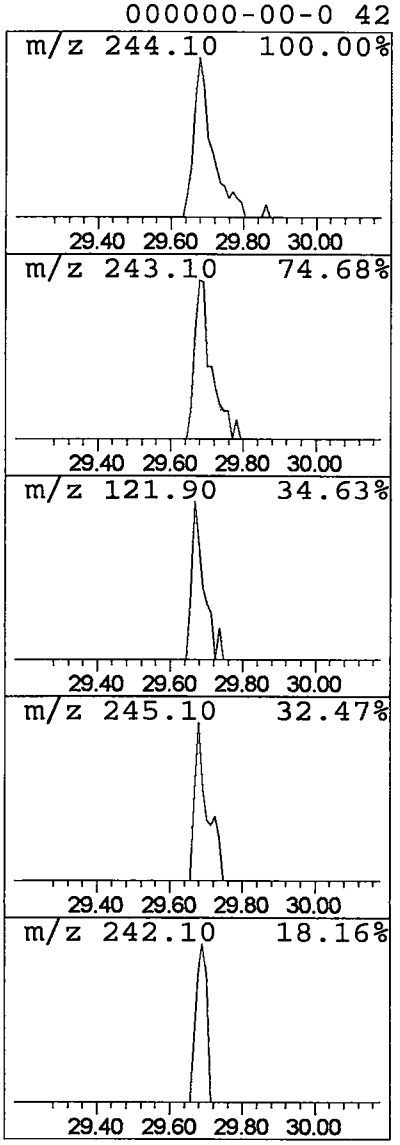
****

Peak Number 13 p-Terphenyl-d14 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.68	0.05 ug/L	51160	Chrysene-d12	30.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Terphenyl-d14	244	C18D14	001718-51-0	50
2	9-Amino-1-phenyl-3,6-diazahomoad...	243	C15H21N3	000000-00-0	47
3	2-chloro-10-methyl-9-acridanone	243	C14H10ClNO	000000-00-0	43
4	1,2-DICYANO-1,2-DIPHENYLCYCLOPRO...	244	C17H12N2	000000-00-0	42





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Feb 2002 12:22 pm
Data File: C:\MSDCHEM\1\5973N\02FEB05\28324A.D
Name: 508 scan; re-ext
Misc: February 5, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butanoic acid, me...	3.61	0.1	ug/L	61549	1	9.71	12810500	20.0
Methacrylamide	4.25	0.1	ug/L	44720	1	9.71	12810500	20.0
Acetic acid, 3-[1...	5.92	0.3	ug/L	167003	1	9.71	12810500	20.0
p-Xylene	6.58	0.1	ug/L	51726	1	9.71	12810500	20.0
2-Propanol, 1,1'-...	9.55	0.1	ug/L	38137	1	9.71	12810500	20.0
PROPYLENE GLYCOL ...	9.85	0.1	ug/L	80208	1	9.71	12810500	20.0
Benzene, 1-methyl...	10.01	0.1	ug/L	34603	1	9.71	12810500	20.0
Phenol, 4-(methyl...	13.38	0.0	ug/L	44291	2	13.19	18433300	20.0
Methenamine $$ 1,...	16.55	0.0	ug/L	45408	3	18.34	20334700	20.0
4-METHOXY-.BETA.-...	22.28	0.2	ug/L	199897	4	22.65	22194000	20.0
DECADEUTEROPHENAN...	22.77	0.6	ug/L	611596	4	22.65	22194000	20.0
Dibutyl phthalate...	24.85	0.0	ug/L	33738	4	22.65	22194000	20.0
p-Terphenyl-d14	29.68	0.0	ug/L	51160	5	30.50	21520900	20.0

NYC-WTC_000004877

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:18 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2612525	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	11047360	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.34	164	5761978	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	9340026	20.00	ug/L	-0.02
38) Chrysene-d12	30.51	240	8048759	20.00	ug/L	0.00
44) Perylene-d12	34.43	264	5813312	20.00	ug/L	0.01
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	526629	4.80	ug/L	0.00
Spiked Amount 5.000			Recovery = 96.00%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.35	163	929113	2.44	ug/L	# 55
21) 2,6-Dinitrotoluene	18.34	165	725855	9.78	ug/L	# 17

(#) = qualifier out of range (m) = manual integration

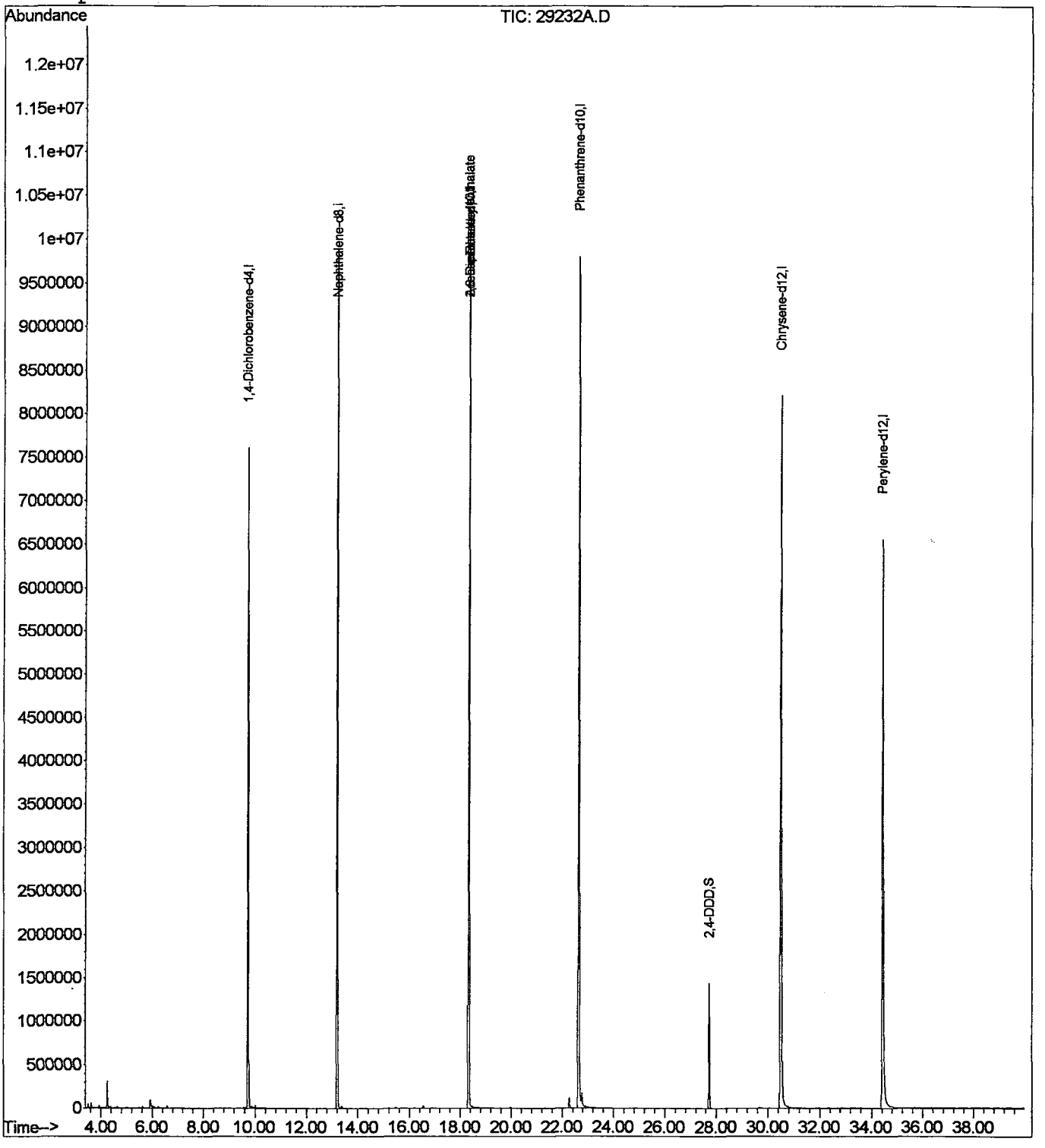
NYC-WTC_000004878

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration



NYC-WTC_000004879

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.499	7	11	15	rBV	43642	65046	0.26%	0.049%
2	3.613	17	21	31	rVV	54655	88839	0.36%	0.067%
3	3.922	45	48	53	rVV	29595	46757	0.19%	0.036%
4	4.241	71	76	81	rVV	304765	539983	2.19%	0.410%
5	5.920	219	223	229	rBV	94679	197392	0.80%	0.150%
6	6.011	229	231	235	rVV	24051	41741	0.17%	0.032%
7	6.582	277	281	287	rBV	25537	45874	0.19%	0.035%
8	9.710	551	555	561	rVV	7602767	15042853	60.99%	11.422%
9	9.847	561	567	573	rVB	18276	48769	0.20%	0.037%
10	10.007	579	581	587	rVB	32402	52261	0.21%	0.040%
11	13.204	855	861	865	rBV	9886257	21520260	87.25%	16.341%
12	13.375	871	876	881	rVB	24808	48532	0.20%	0.037%
13	16.549	1151	1154	1157	rVB	28573	53458	0.22%	0.041%
14	18.341	1305	1311	1317	rBV	10372794	23203389	94.08%	17.619%
15	22.280	1651	1656	1661	rBV	121097	226030	0.92%	0.172%
16	22.645	1681	1688	1693	rBV2	9798012	24664318	100.00%	18.728%
17	22.771	1697	1699	1719	rVB	164945	486649	1.97%	0.370%
18	27.726	2129	2133	2139	rBV	1439393	2568618	10.41%	1.950%
19	30.512	2369	2377	2381	rBV	8209059	23059528	93.49%	17.509%
20	34.428	2713	2720	2765	rBV	6555534	19697327	79.86%	14.956%

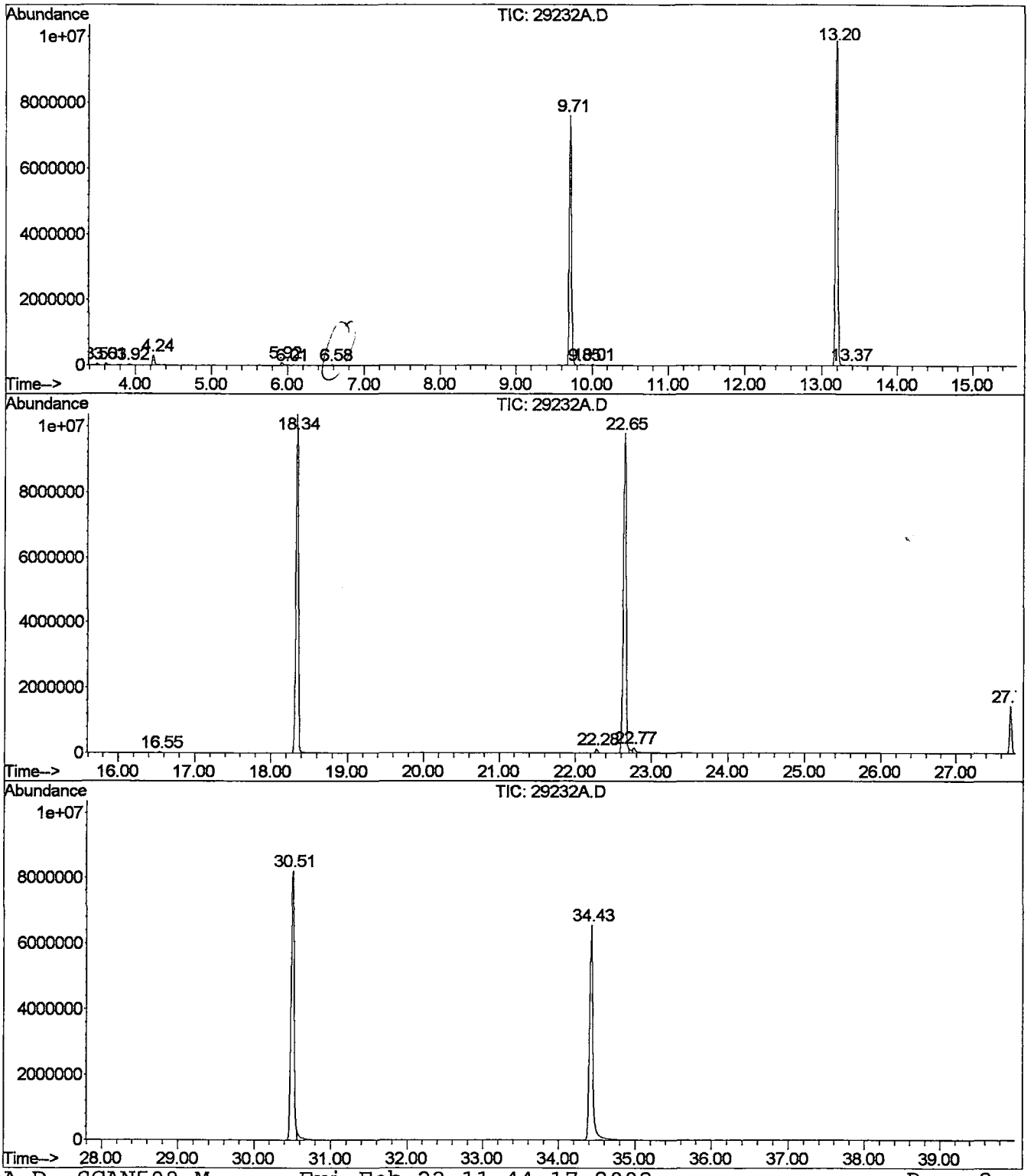
Sum of corrected areas: 131697624

NYC-WTC_000004880

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D
Operator :
Acquired : 5 Feb 2002 1:13 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan; re-ext
Misc Info : February 5, 2002
Vial Number: 4
Quant File :SCAN508.RES (RTE Integrator)



NYC-WTC_000004881

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

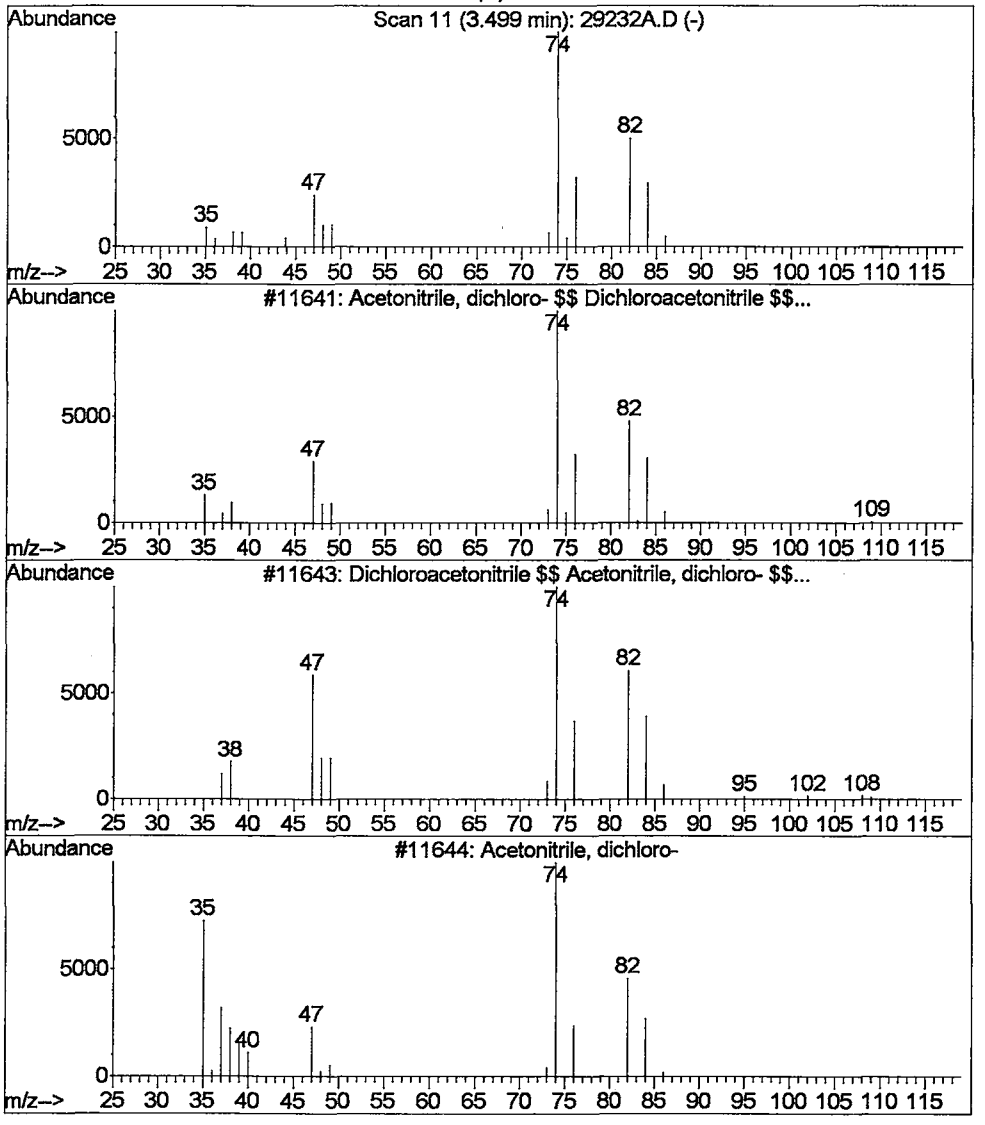
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

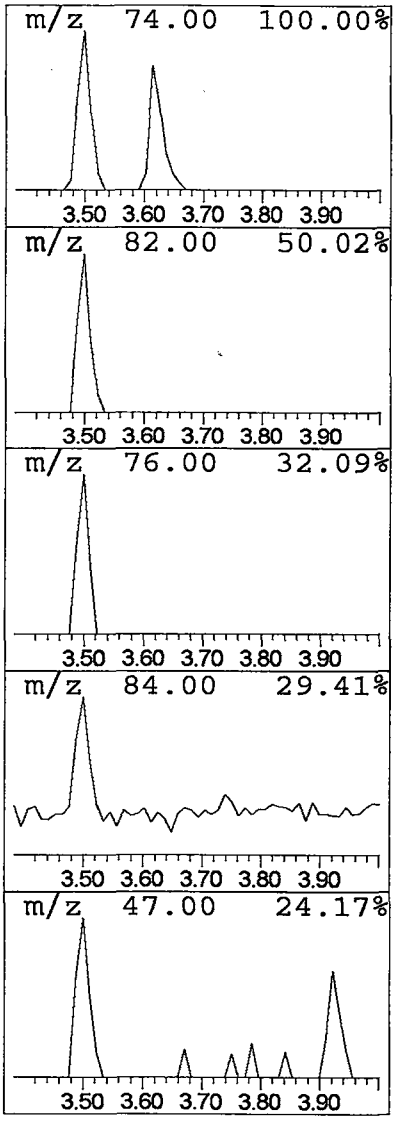
****

Peak Number 1 Acetonitrile, dichloro- $$ ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	0.09 ug/L	65046	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	86
2	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	83
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	72
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	53





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

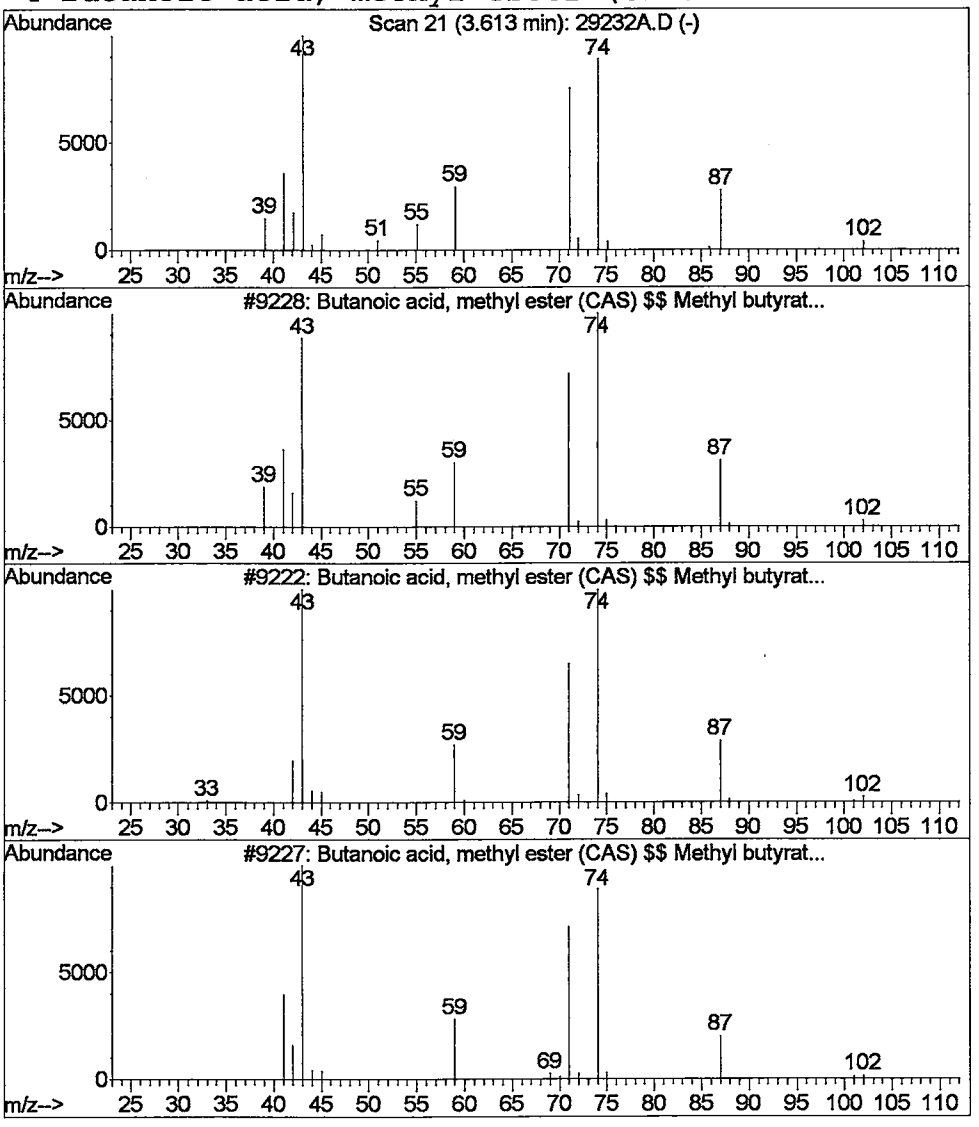
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

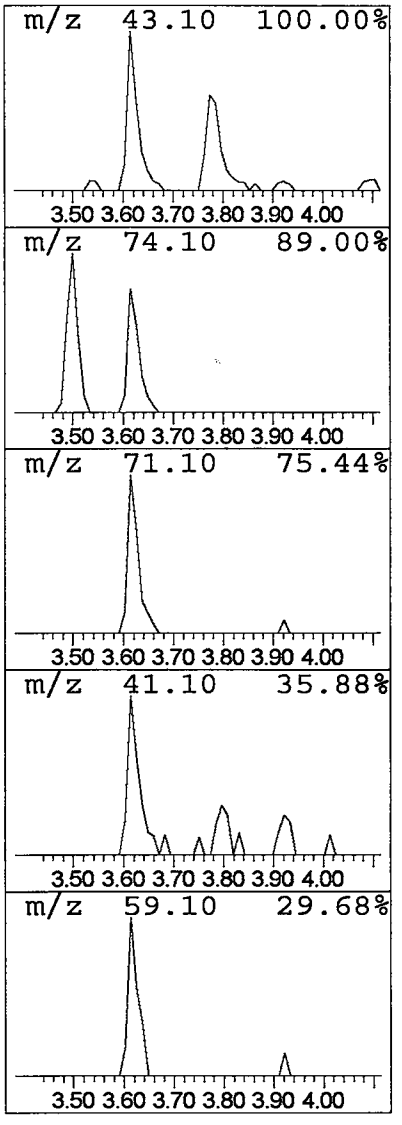
****

Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.12 ug/L	88839	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	91
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	91
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	91
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	91





NYC-WTC_000004883

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

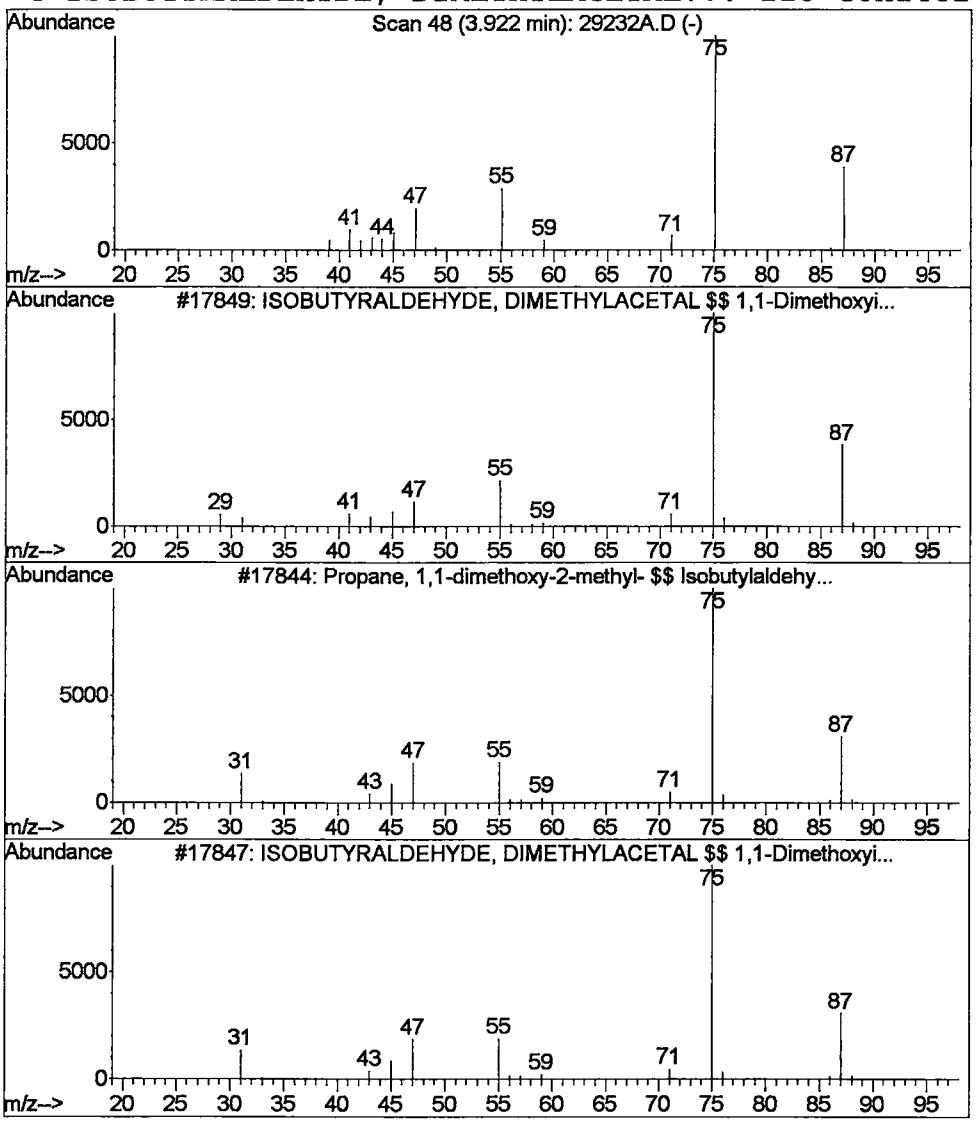
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

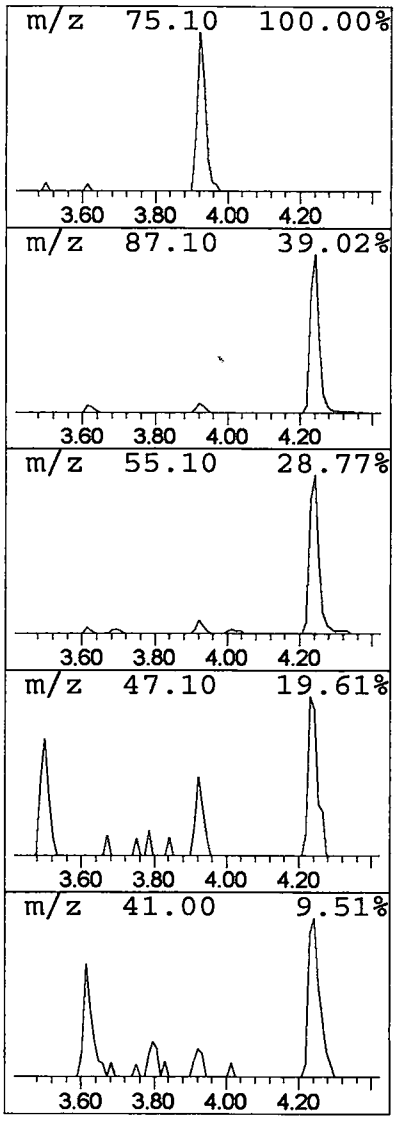
****

Peak Number 3 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.06 ug/L	46757	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
2	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	83
3	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	74





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

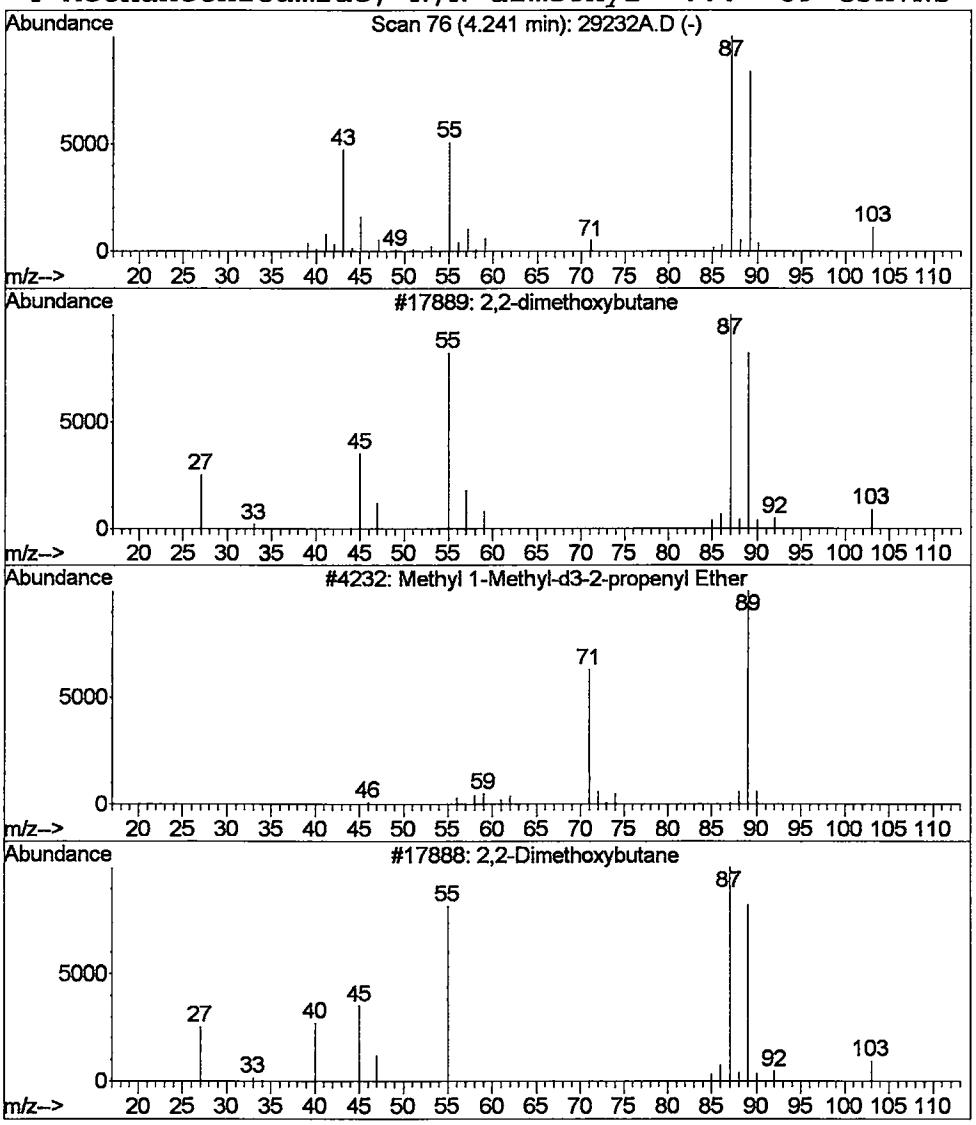
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

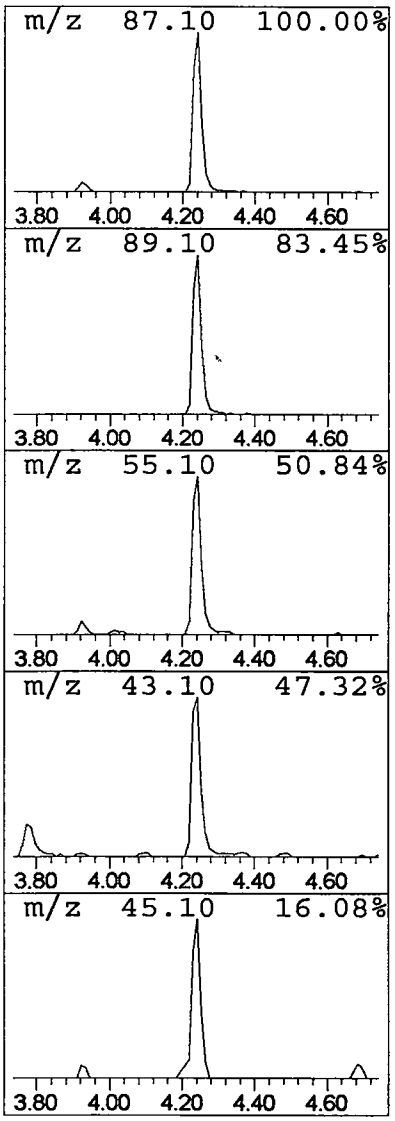
****

Peak Number 4 2,2-dimethoxybutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.72 ug/L	539983	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	74
2	Methyl 1-Methyl-d3-2-propenyl Ether	89	C5H7D3O	000000-00-0	45
3	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	43
4	Methanethioamide, N,N-dimethyl- ...	89	C3H7NS	000758-16-7	36





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

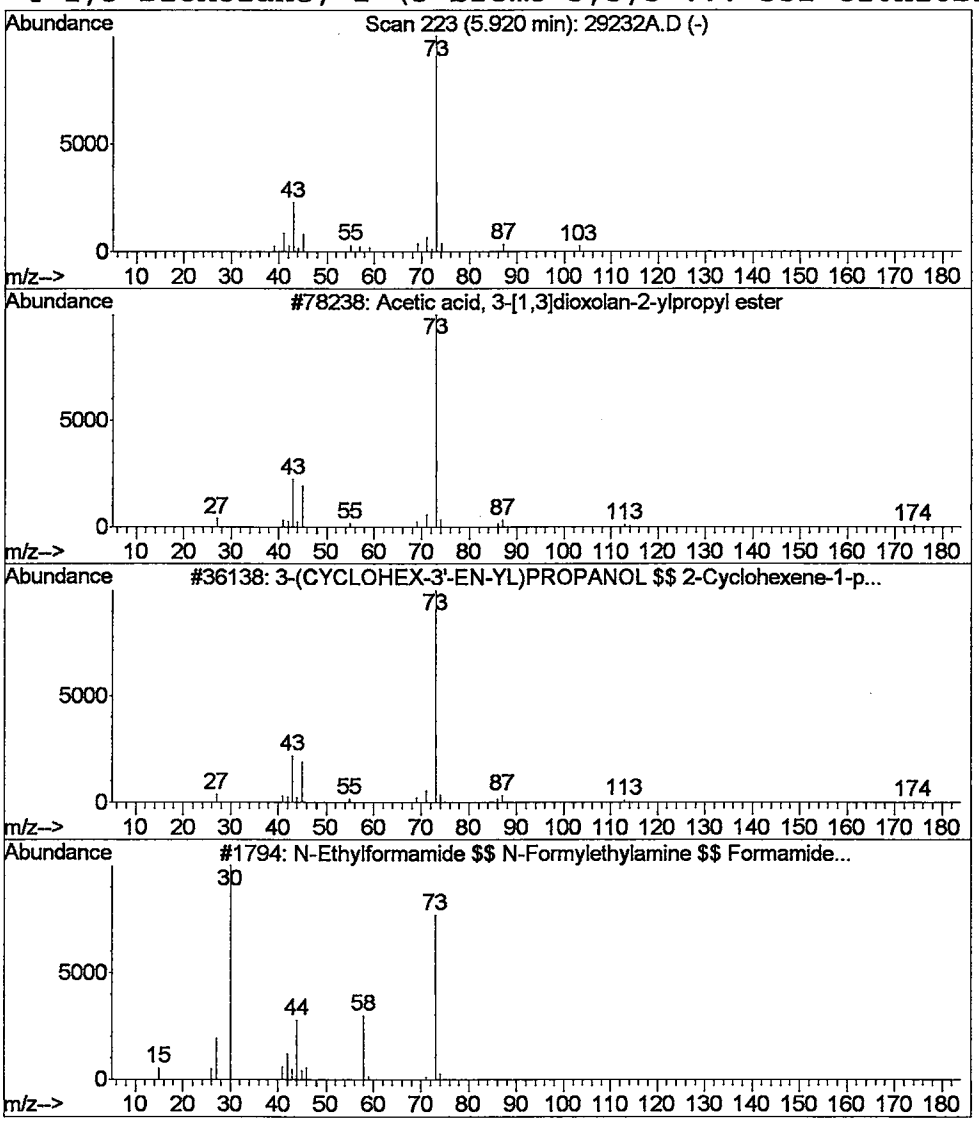
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

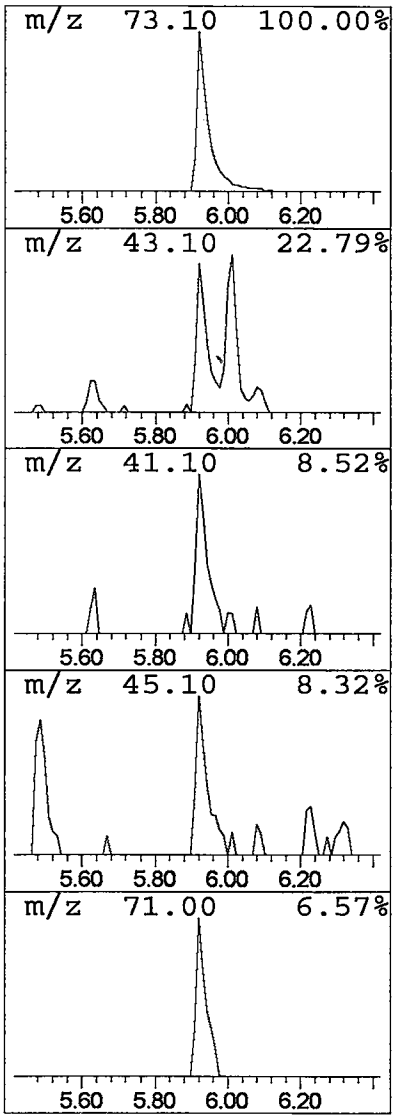
****

Peak Number 5 Acetic acid, 3-[1,3]dioxola... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.26 ug/L	197392	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

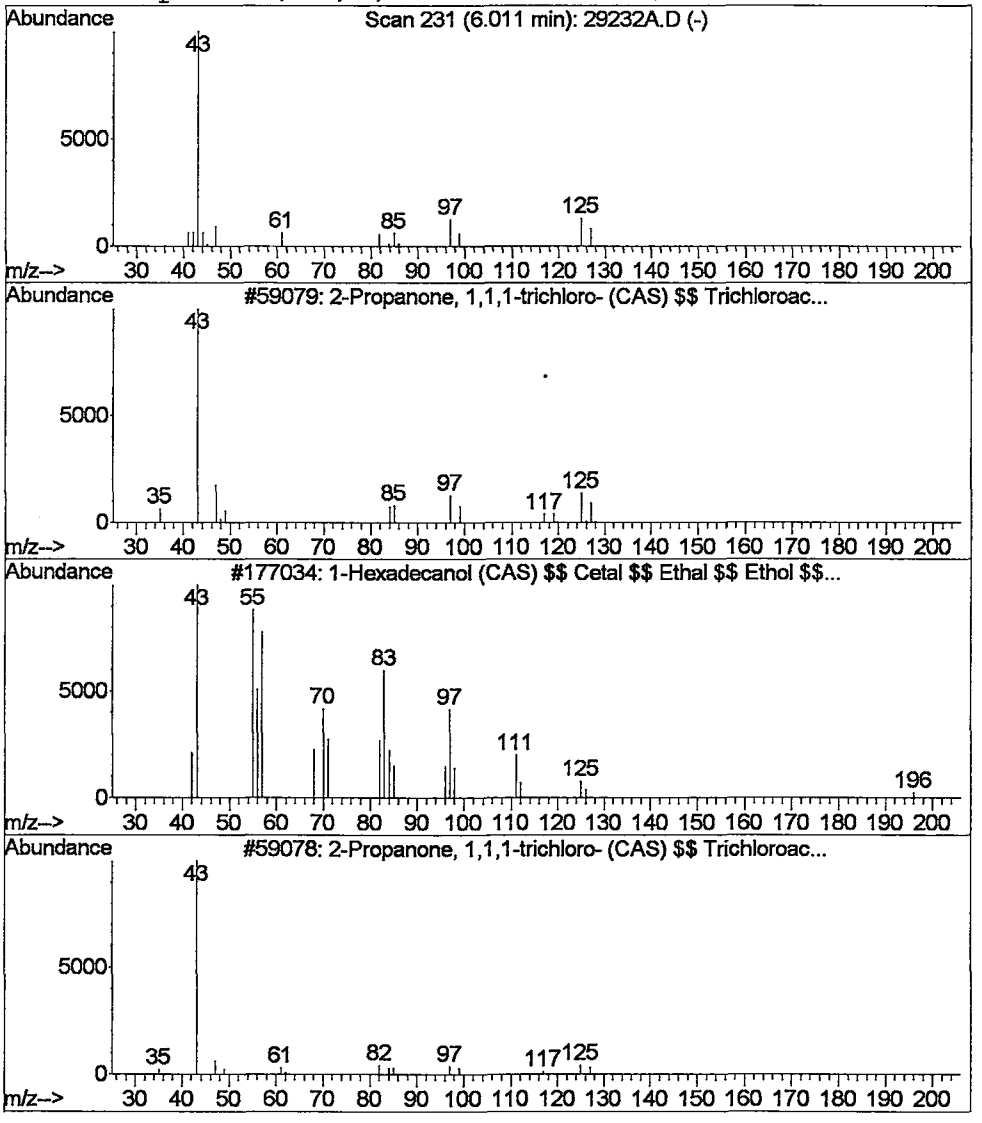
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

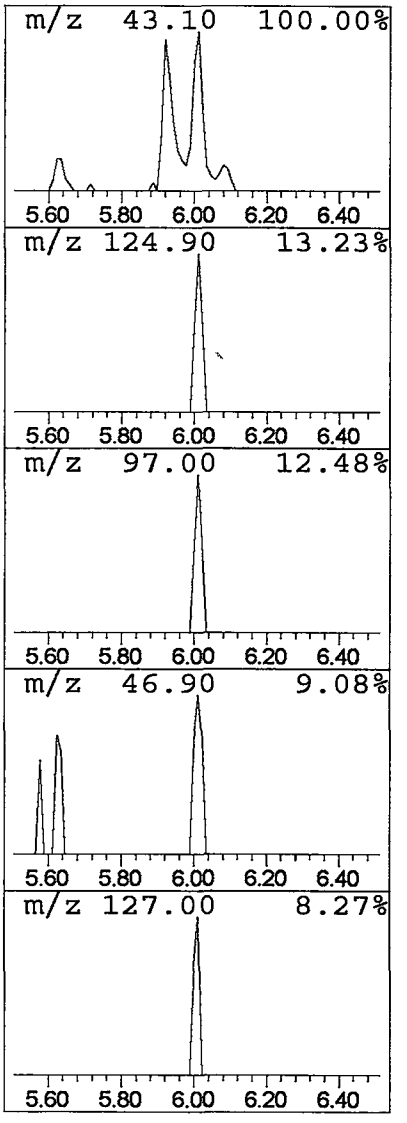
****

Peak Number 6 2-Propanone, 1,1,1-trichlor... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	0.06 ug/L	41741	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	36
2	1-Hexadecanol (CAS) $$ Cetal $$ ...	242	C16H34O	036653-82-4	9
3	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	9
4	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

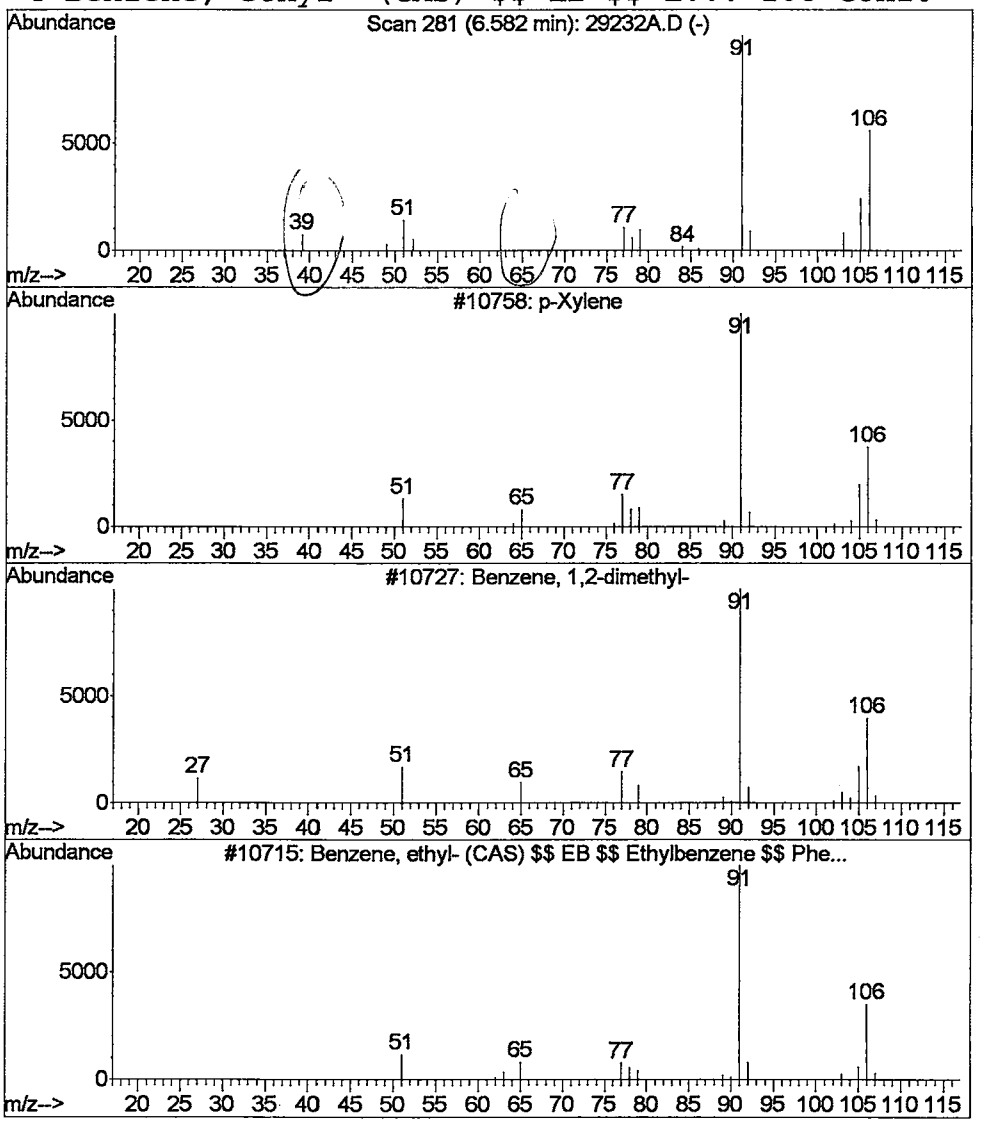
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

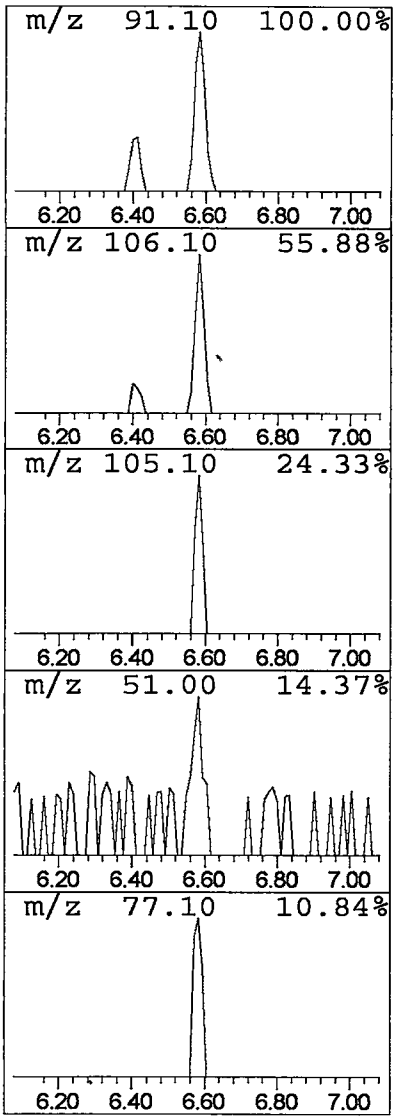
****

Peak Number 7 p-Xylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	0.06 ug/L	45874	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	83
2	Benzene, 1,2-dimethyl-	106	C8H10	000095-47-6	83
3	Benzene, ethyl- (CAS) $$ EB $$ E...	106	C8H10	000100-41-4	72
4	Benzene, ethyl- (CAS) $$ EB $$ E...	106	C8H10	000100-41-4	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

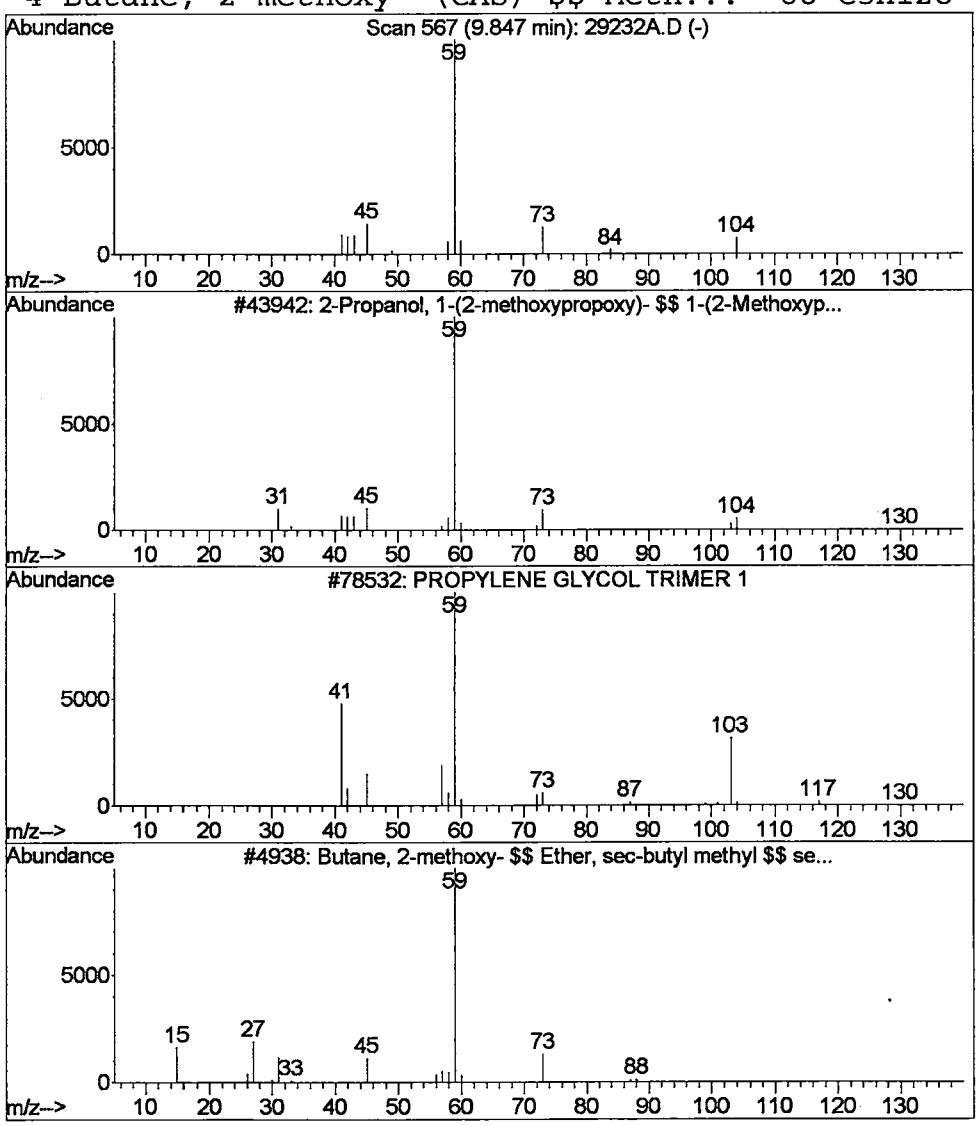
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

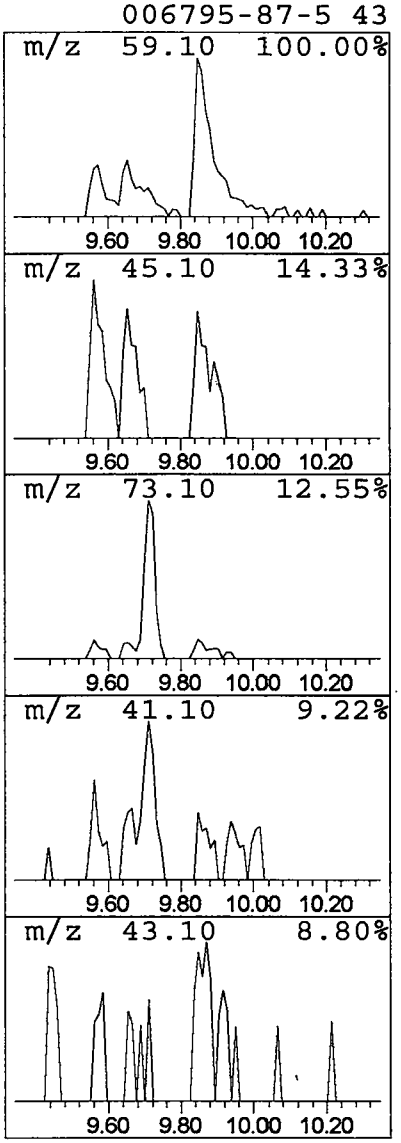
****

Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.06 ug/L	48769	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	43
3	Butane, 2-methoxy- $$ Ether, sec...	88	C5H12O	006795-87-5	43
4	Butane, 2-methoxy- (CAS) $$ Meth...	88	C5H12O	006795-87-5	43





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

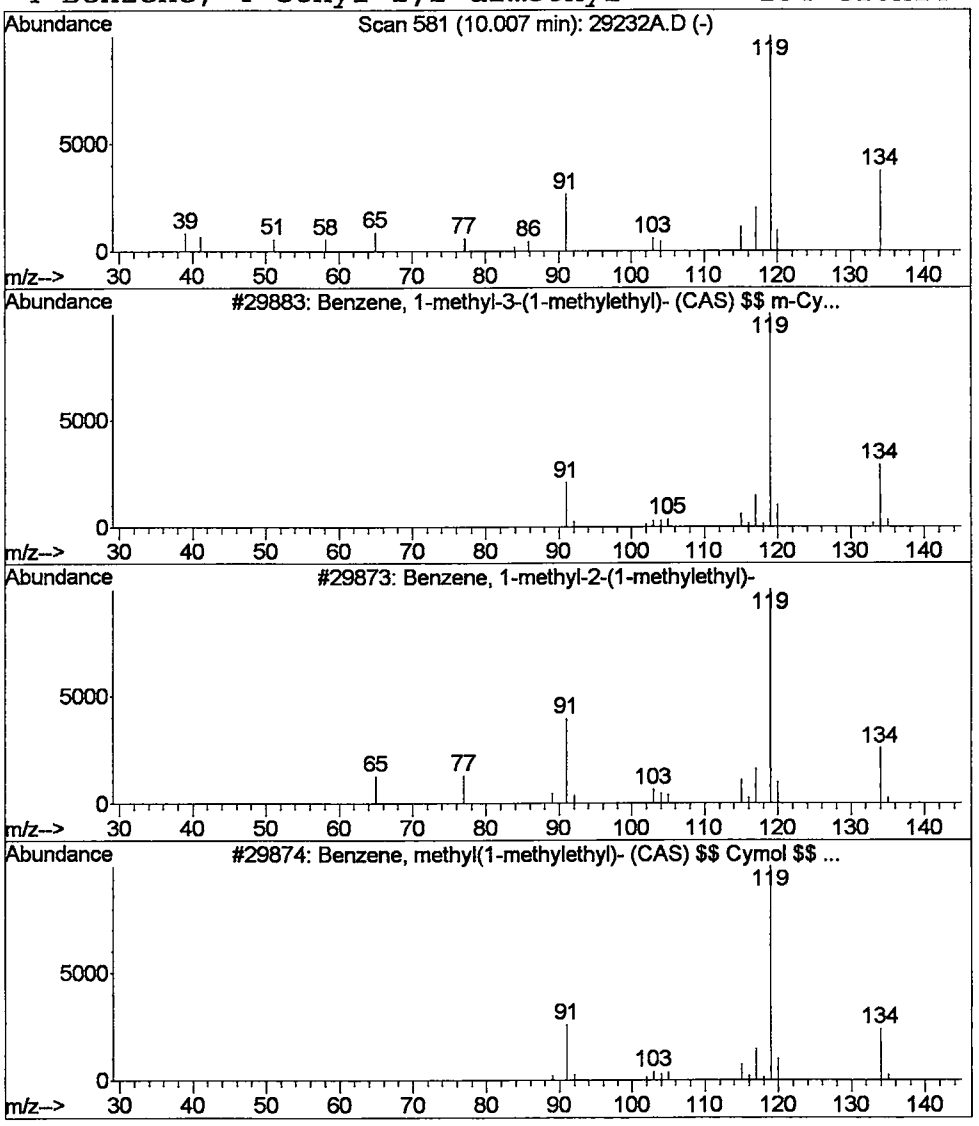
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

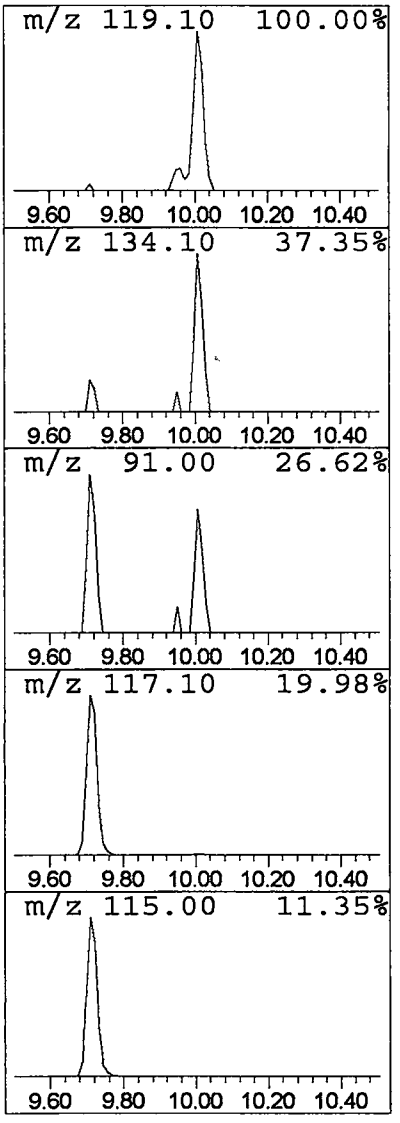
****

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	0.07 ug/L	52261	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
3	Benzene, methyl(1-methylethyl)- ...	134	C10H14	025155-15-1	86
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

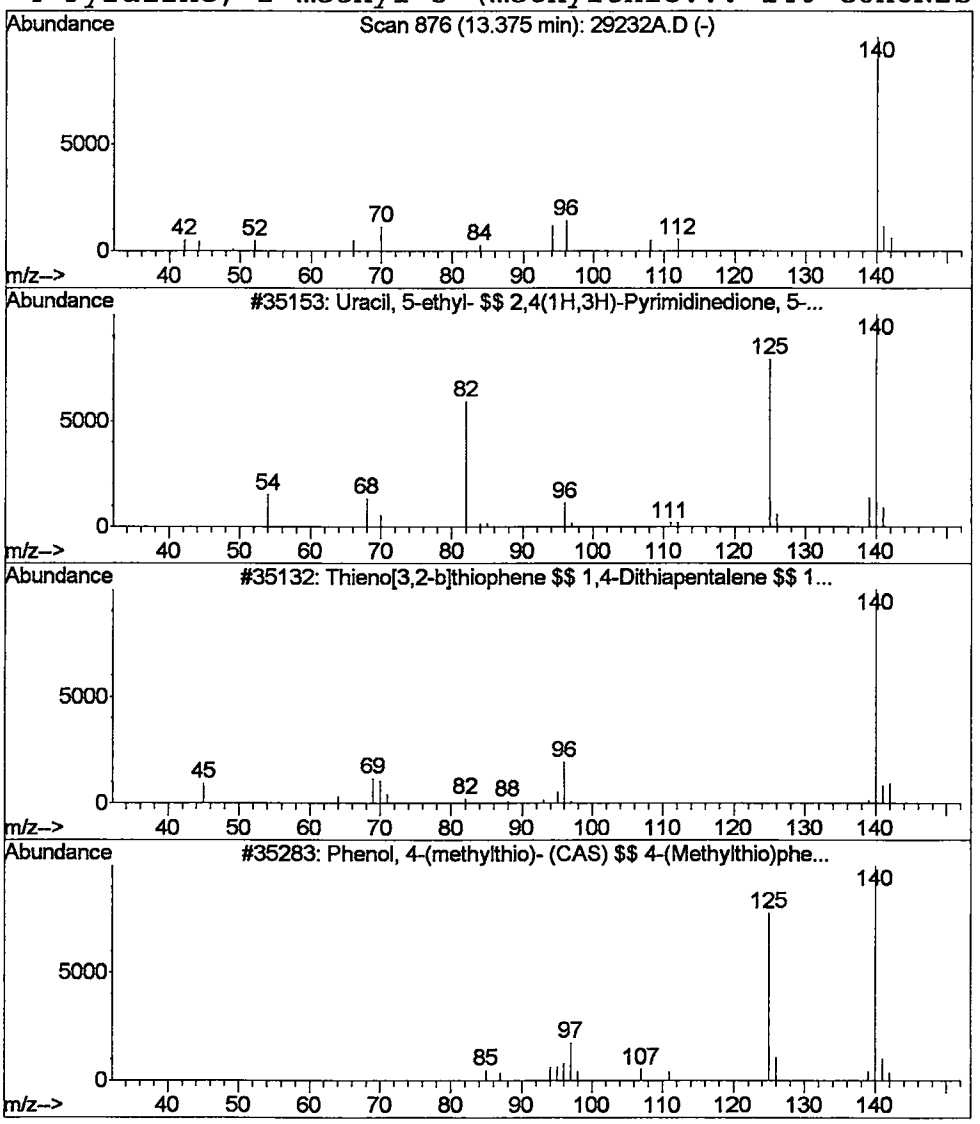
****

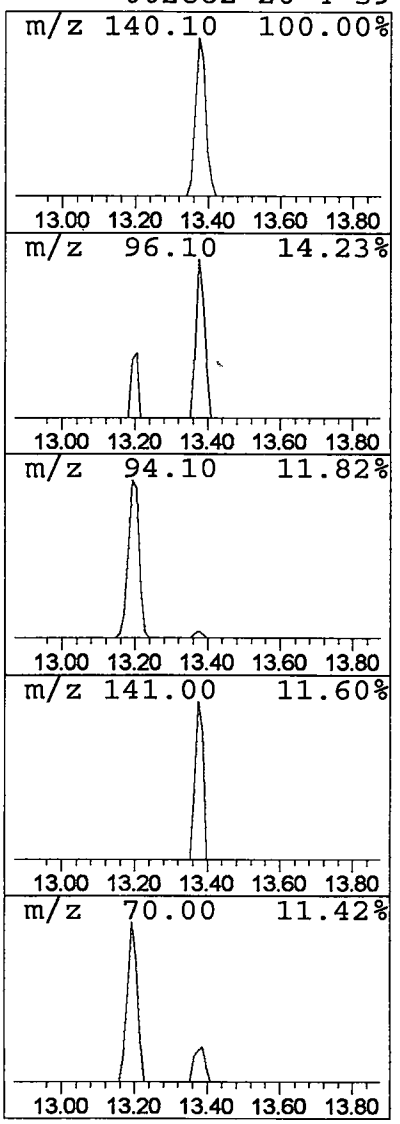
Peak Number 10 Uracil, 5-ethyl- $$ 2,4(1H,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	0.05 ug/L	48532	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Uracil, 5-ethyl- $$ 2,4(1H,3H)-P...	140	C6H8N2O2	004212-49-1	64
2	Thieno[3,2-b]thiophene $$ 1,4-Di...	140	C6H4S2	000251-41-2	64
3	Phenol, 4-(methylthio)- (CAS) $$...	140	C7H8OS	001073-72-9	64
4	Pyrazine, 2-methyl-3-(methylthio...	140	C6H8N2S	002882-20-4	59

NO GOOD MATCH





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

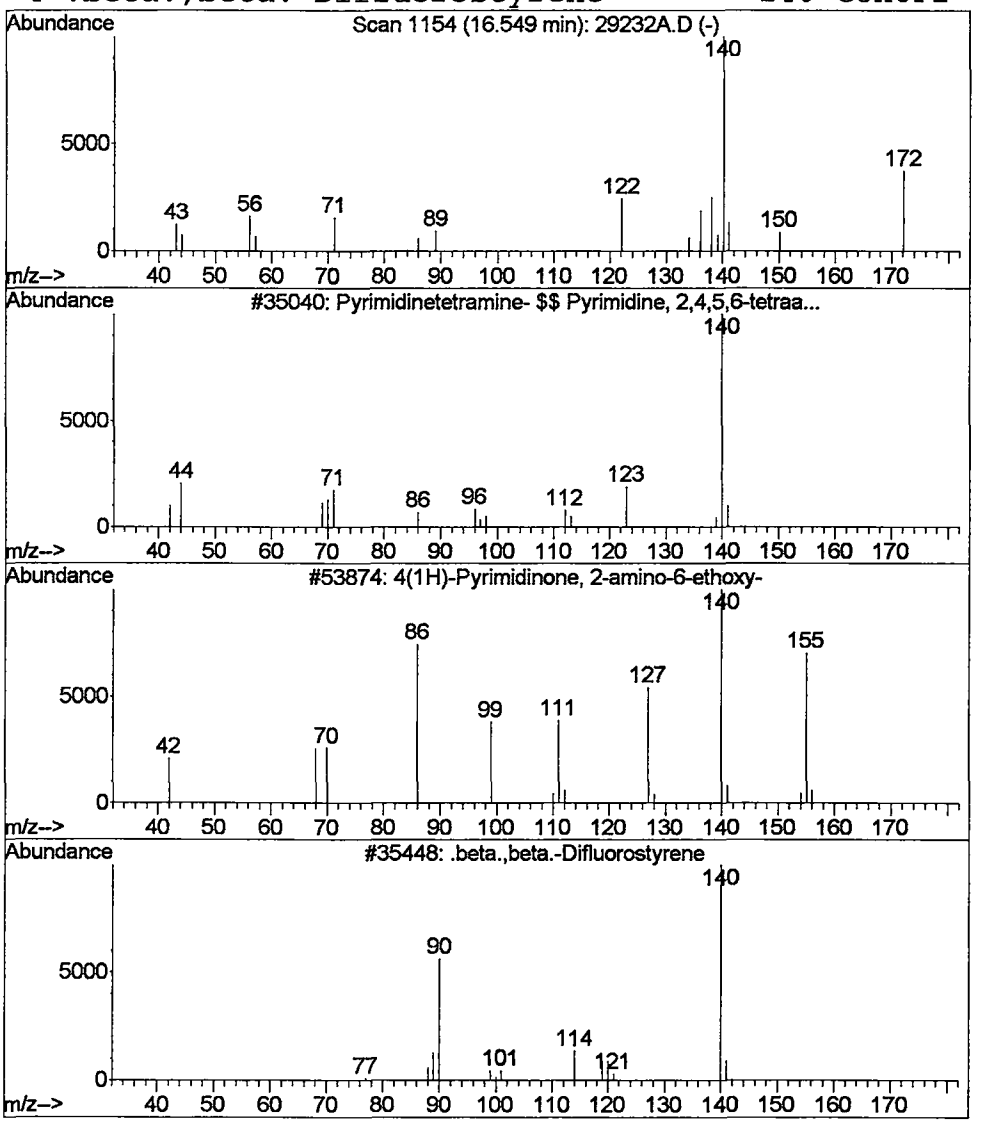
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

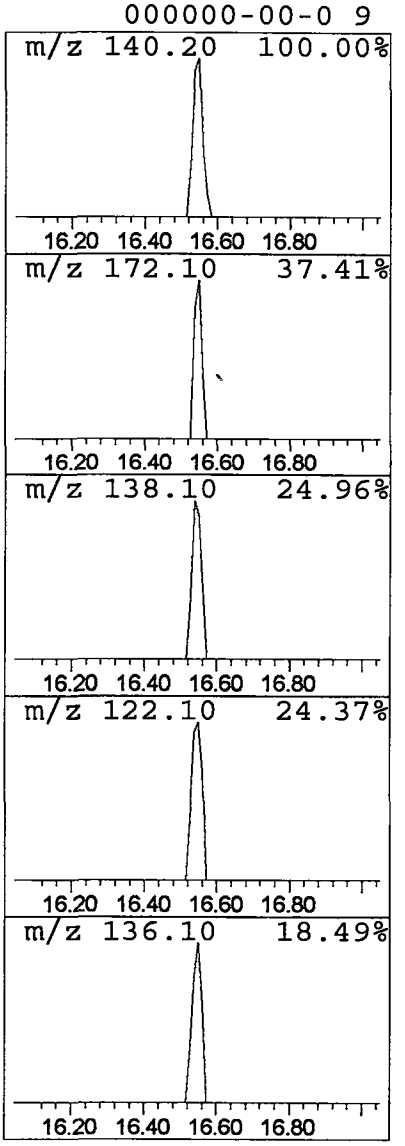
****

Peak Number 11 Pyrimidinetetramine- $$ Pyr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	53458	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	38
2	4(1H)-Pyrimidinone, 2-amino-6-et...	155	C6H9N3O2	042956-82-1	9
3	.beta.,beta.-Difluorostyrene	140	C8H6F2	000000-00-0	9
4	.beta.,beta.-Difluorostyrene	140	C8H6F2	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

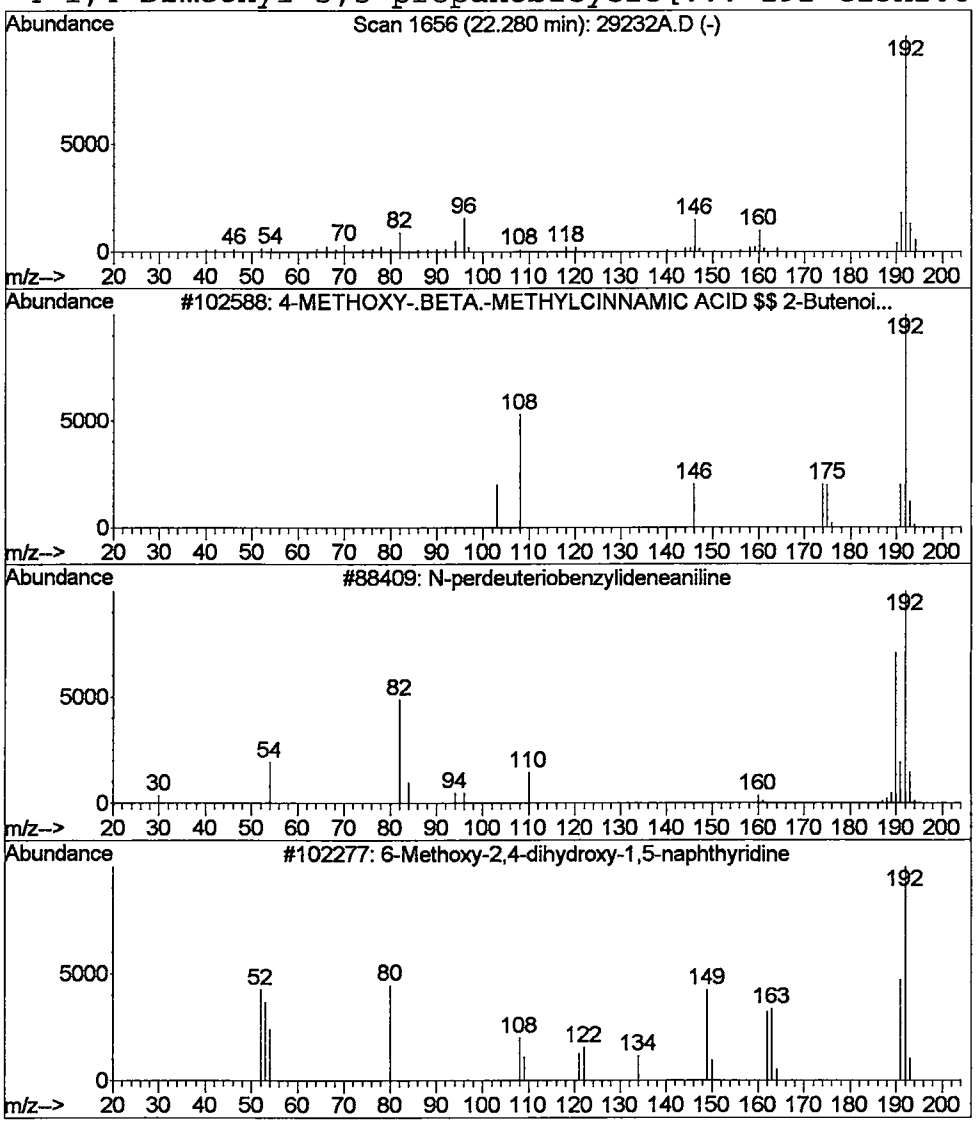
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

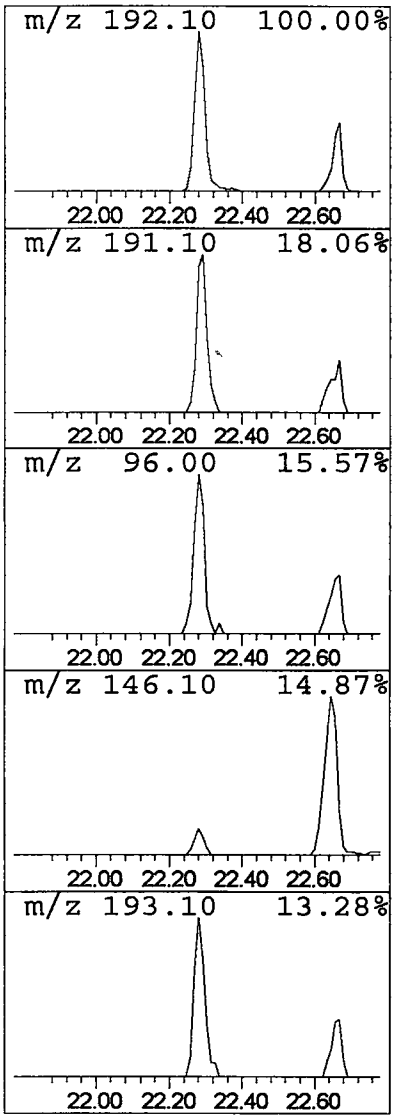
****

Peak Number 12 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.18 ug/L	226030	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	64
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	59
3	6-Methoxy-2,4-dihydroxy-1,5-naph...	192	C9H8N2O3	000000-00-0	50
4	1,4-Dimethyl-3,5-propanobicyclo[...	192	C13H20O	000000-00-0	47





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\29232A.D Vial: 4
Acq On : 5 Feb 2002 1:13 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

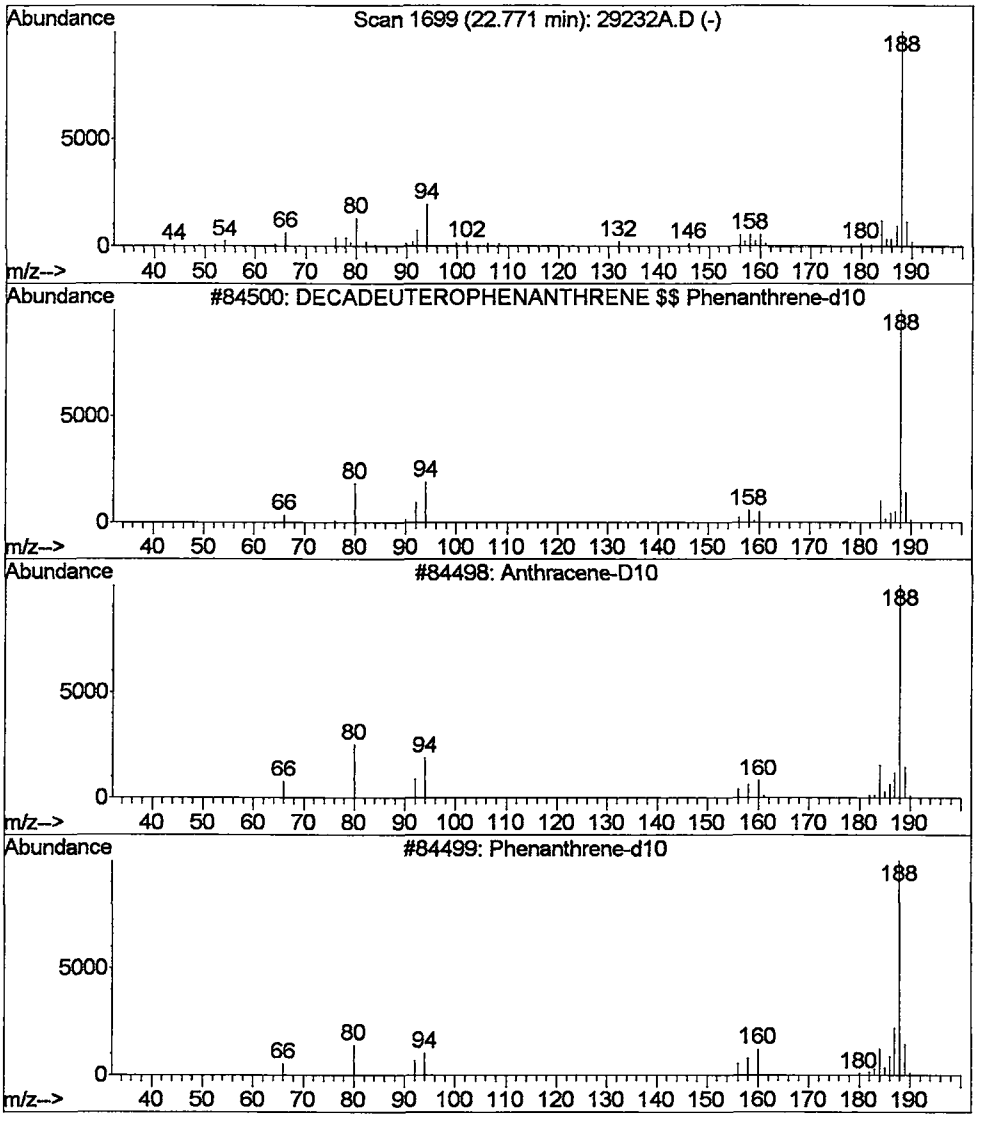
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

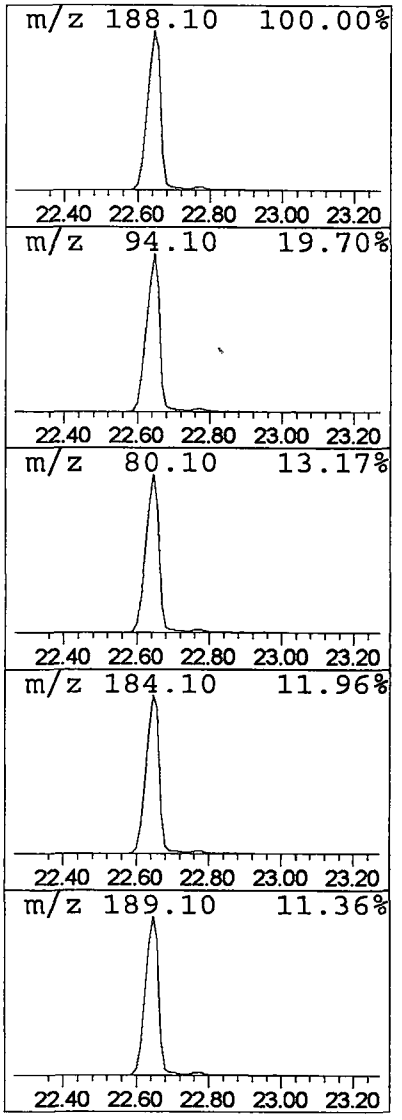
****

Peak Number 13 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.39 ug/L	486649	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Anthracene-D10	188	C14D10	000000-00-0	87
3	Phenanthrene-d10	188	C14D10	001517-22-2	62
4	Anthracene-d10-	188	C14D10	001719-06-8	62





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Feb 2002 1:13 pm
Data File: C:\MSDCHEM\1\5973N\02FEB05\29232A.D
Name: 508 scan; re-ext
Misc: February 5, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Acetonitrile, dic...	3.50	0.1	ug/L	65046	1	9.71	15042900	20.0
Butanoic acid, me...	3.61	0.1	ug/L	88839	1	9.71	15042900	20.0
ISOBUTYRALDEHYDE,...	3.92	0.1	ug/L	46757	1	9.71	15042900	20.0
2,2-dimethoxybutane	4.24	0.7	ug/L	539983	1	9.71	15042900	20.0
Acetic acid, 3-[1...	5.92	0.3	ug/L	197392	1	9.71	15042900	20.0
2-Propanone, 1,1,...	6.01	0.1	ug/L	41741	1	9.71	15042900	20.0
p-Xylene	6.58	0.1	ug/L	45874	1	9.71	15042900	20.0
2-Propanol, 1-(2-...	9.85	0.1	ug/L	48769	1	9.71	15042900	20.0
Benzene, 1-methyl...	10.01	0.1	ug/L	52261	1	9.71	15042900	20.0
Uracil, 5-ethyl- ...	13.37	0.0	ug/L	48532	2	13.20	21520300	20.0
Pyrimidinetetrami...	16.55	0.0	ug/L	53458	3	18.34	23203400	20.0
4-METHOXY-.BETA.-...	22.28	0.2	ug/L	226030	4	22.65	24664300	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	486649	4	22.65	24664300	20.0

NYC-WTC_000004895

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 10:38:15

Sample: AD30644
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/26/02 10:37 Ended: 2/26/02 10:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		5.0

Comments for Sample AD30644 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-26-2002 Time: 10:38:19

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:20 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2510660	20.00	ug/L	-0.01
10) Naphthalene-d8	13.20	136	10565997	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.34	164	5660391	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	9543750	20.00	ug/L	-0.02
38) Chrysene-d12	30.51	240	8276491	20.00	ug/L	0.00
44) Perylene-d12	34.43	264	5809497	20.00	ug/L	0.01
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	461460	4.12	ug/L	0.00
Spiked Amount 5.000			Recovery = 82.40%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.35	163	914364	2.45	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	713815	9.79	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	12285	0.58	ug/L	82

blank

(#) = qualifier out of range (m) = manual integration
30644A.D SCAN508.M Thu Feb 21 10:12:22 2002 Page 1

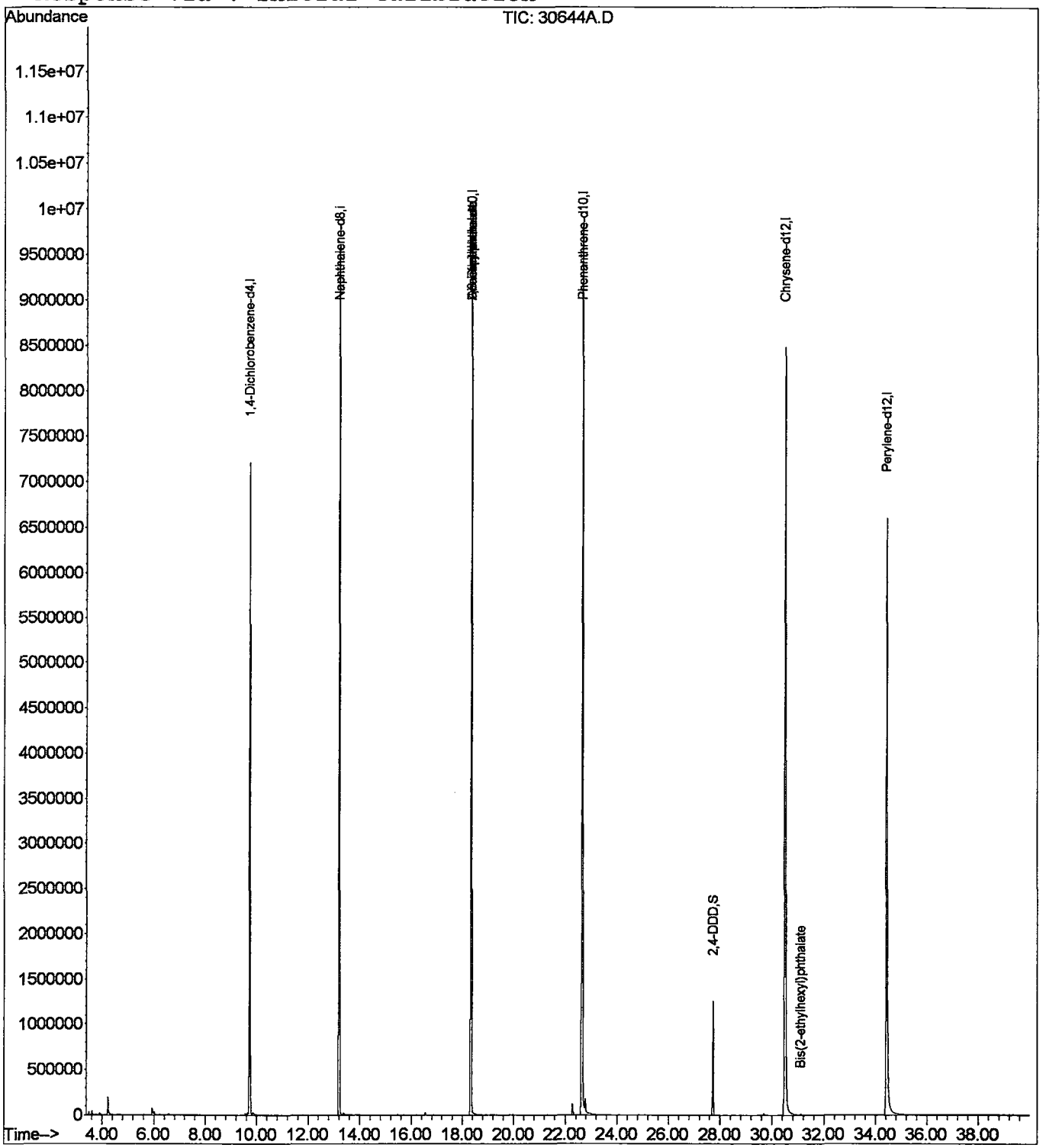
NYC-WTC_000004898

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration



NYC-WTC_000004899

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.488	7	10	13	rBV	36625	51779	0.20%	0.039%
2	3.613	19	21	25	rVV	37471	62497	0.25%	0.048%
3	4.230	71	75	85	rVV	195433	344873	1.36%	0.263%
4	5.920	219	223	229	rBV	72192	157518	0.62%	0.120%
5	5.999	229	230	235	rVV	33453	56743	0.22%	0.043%
6	9.550	539	541	547	rVV	22434	58705	0.23%	0.045%
7	9.641	547	549	551	rVV2	24676	53269	0.21%	0.041%
8	9.710	551	555	561	rVV	7212750	14405849	56.86%	10.984%
9	9.847	561	567	579	rVV	31021	138047	0.54%	0.105%
10	13.204	855	861	865	rBV	9587742	20535490	81.05%	15.658%
11	13.375	873	876	885	rVB2	24439	54249	0.21%	0.041%
12	16.549	1151	1154	1159	rVB	28816	48658	0.19%	0.037%
13	18.341	1305	1311	1317	rBV	9996001	22931743	90.51%	17.485%
14	22.280	1651	1656	1661	rBV	123074	227937	0.90%	0.174%
15	22.645	1681	1688	1693	rBV2	9850125	25335472	100.00%	19.317%
16	22.771	1697	1699	1709	rVB	157399	372732	1.47%	0.284%
17	27.726	2127	2133	2139	rBV	1255850	2254852	8.90%	1.719%
18	29.690	2299	2305	2317	rVV2	14962	55231	0.22%	0.042%
19	30.512	2369	2377	2419	rBV	8481793	24362455	96.16%	18.575%
20	34.428	2713	2720	2761	rBV	6600036	19646152	77.54%	14.979%

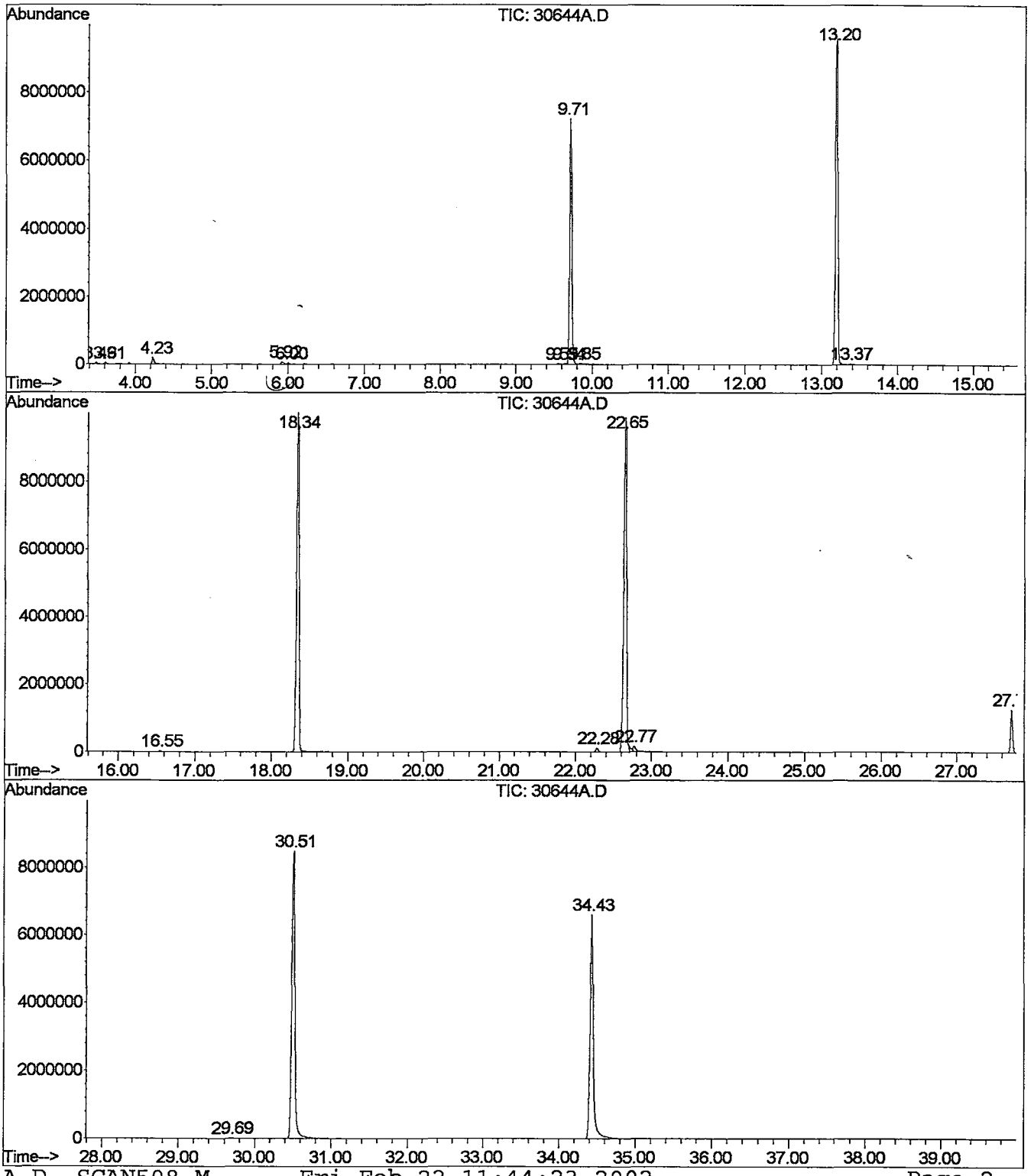
Sum of corrected areas: 131154251

NYC-WTC_000004900

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D
Operator :
Acquired : 5 Feb 2002 2:56 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan; re-ext
Misc Info : February 5, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



NYC-WTC_000004901

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

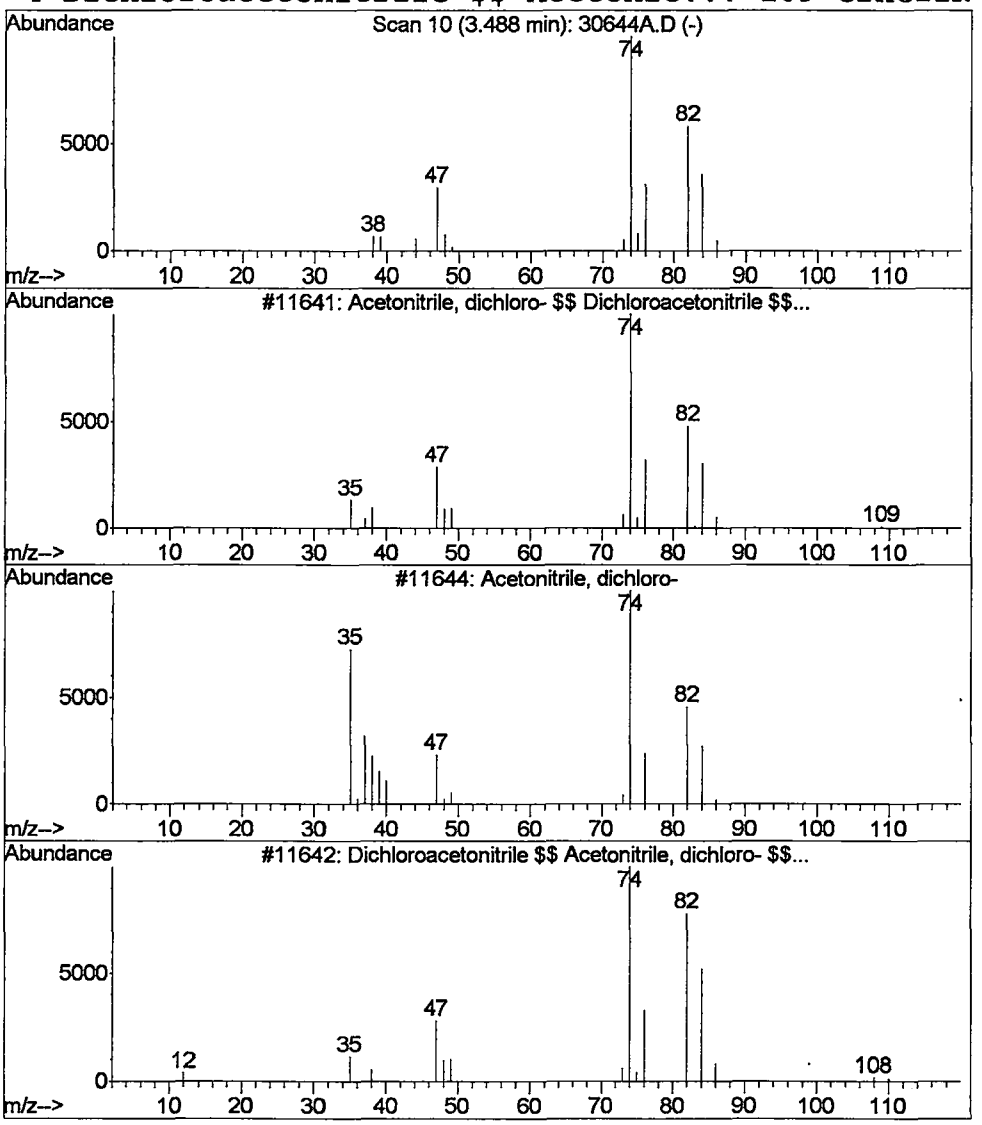
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

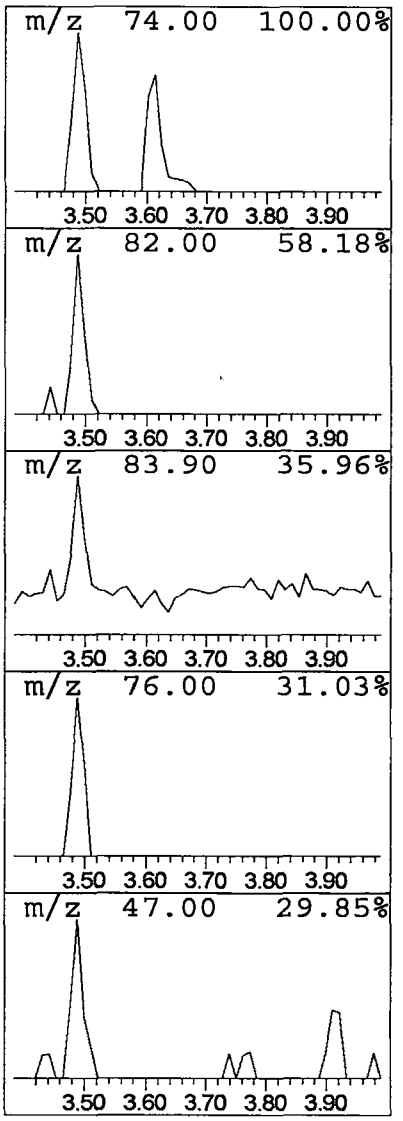
****

Peak Number 1 Acetonitrile, dichloro- $$ ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	0.07 ug/L	51779	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	83
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
3	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	45
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	9





NYC-WTC_000004902

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

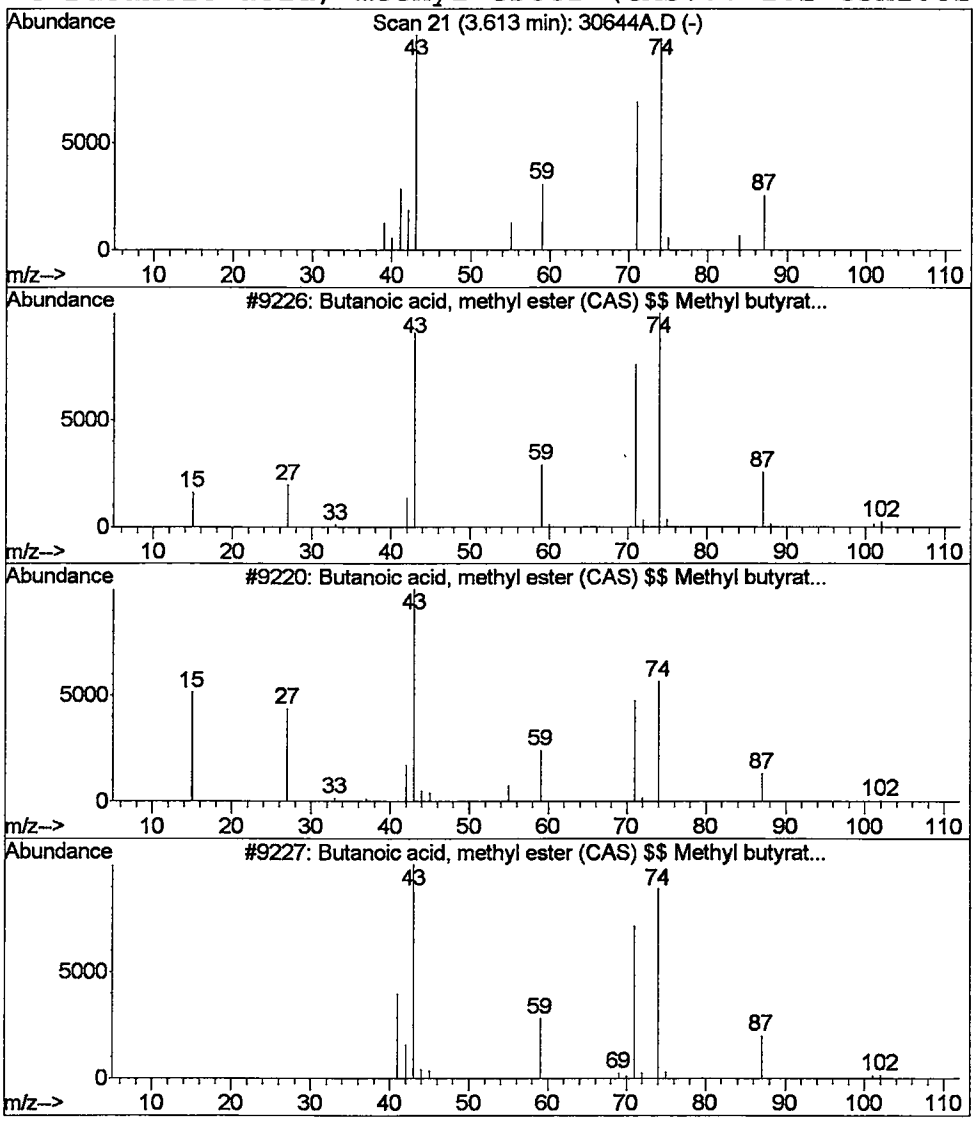
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

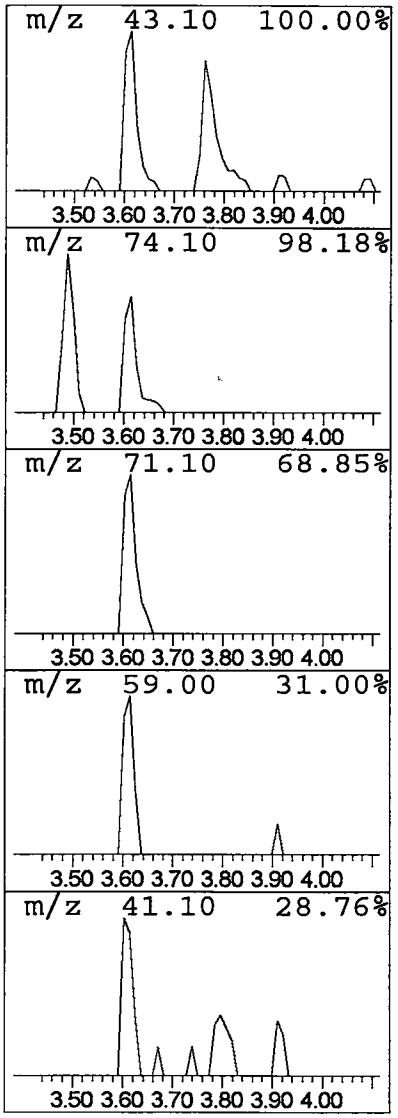
****

Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.09 ug/L	62497	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83





NYC-WTC_000004903

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

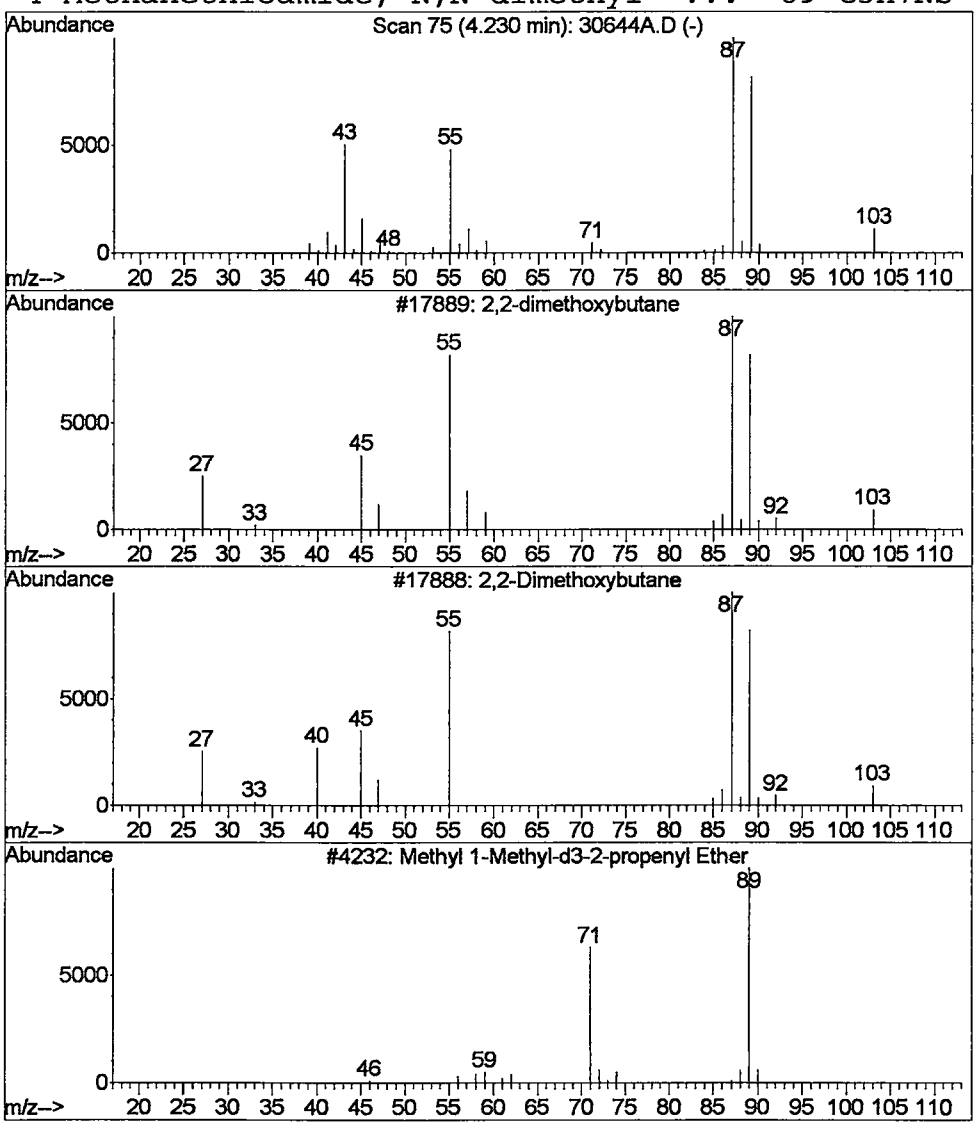
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

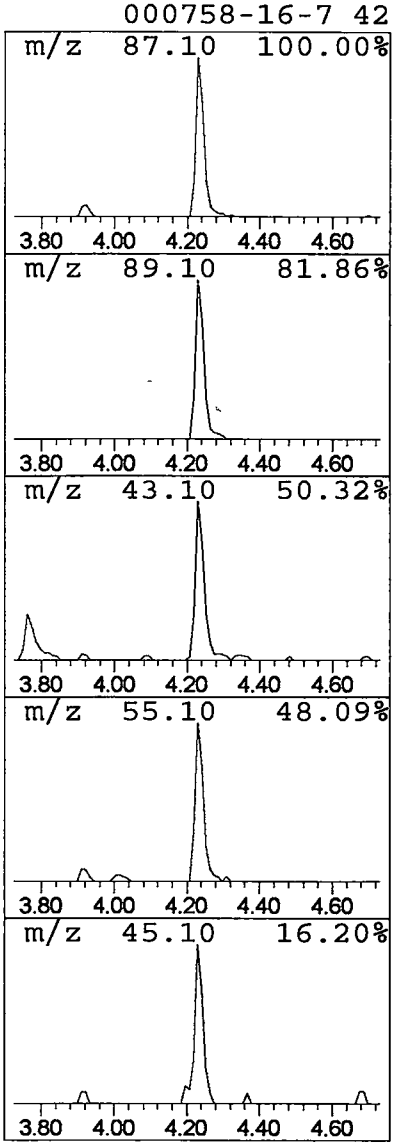
****

Peak Number 3 2,2-dimethoxybutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	0.48 ug/L	344873	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	74
2	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	64
3	Methyl 1-Methyl-d3-2-propenyl Ether	89	C5H7D3O	000000-00-0	59
4	Methanethioamide, N,N-dimethyl- ...	89	C3H7NS	000758-16-7	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

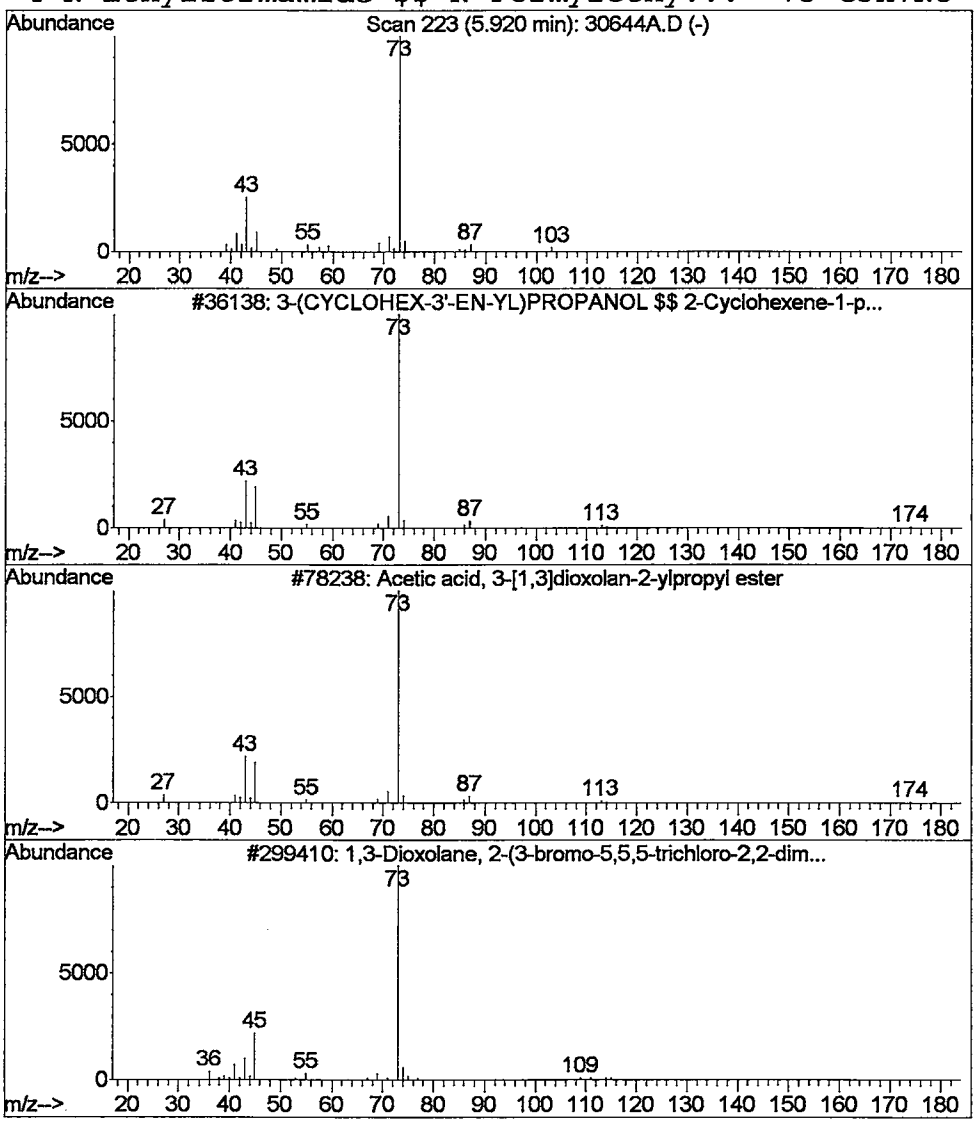
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

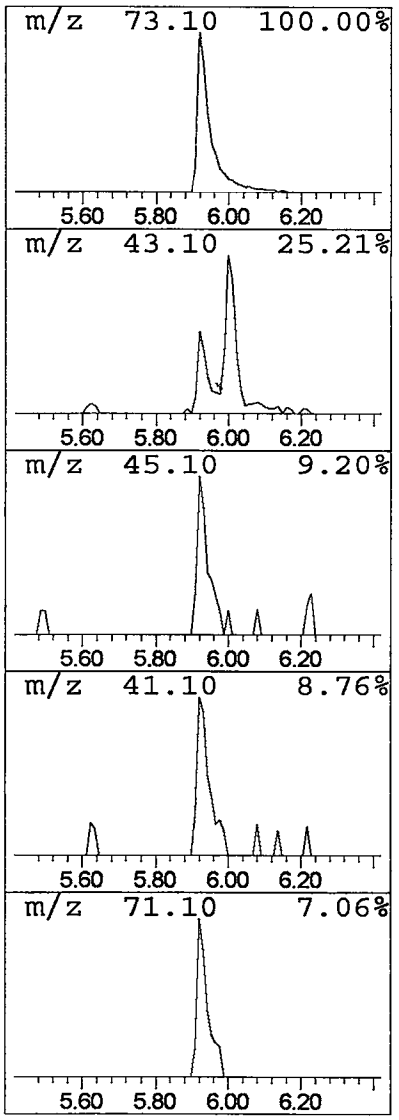
****

Peak Number 4 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.22 ug/L	157518	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	40
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	40
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	000000-00-0	23
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

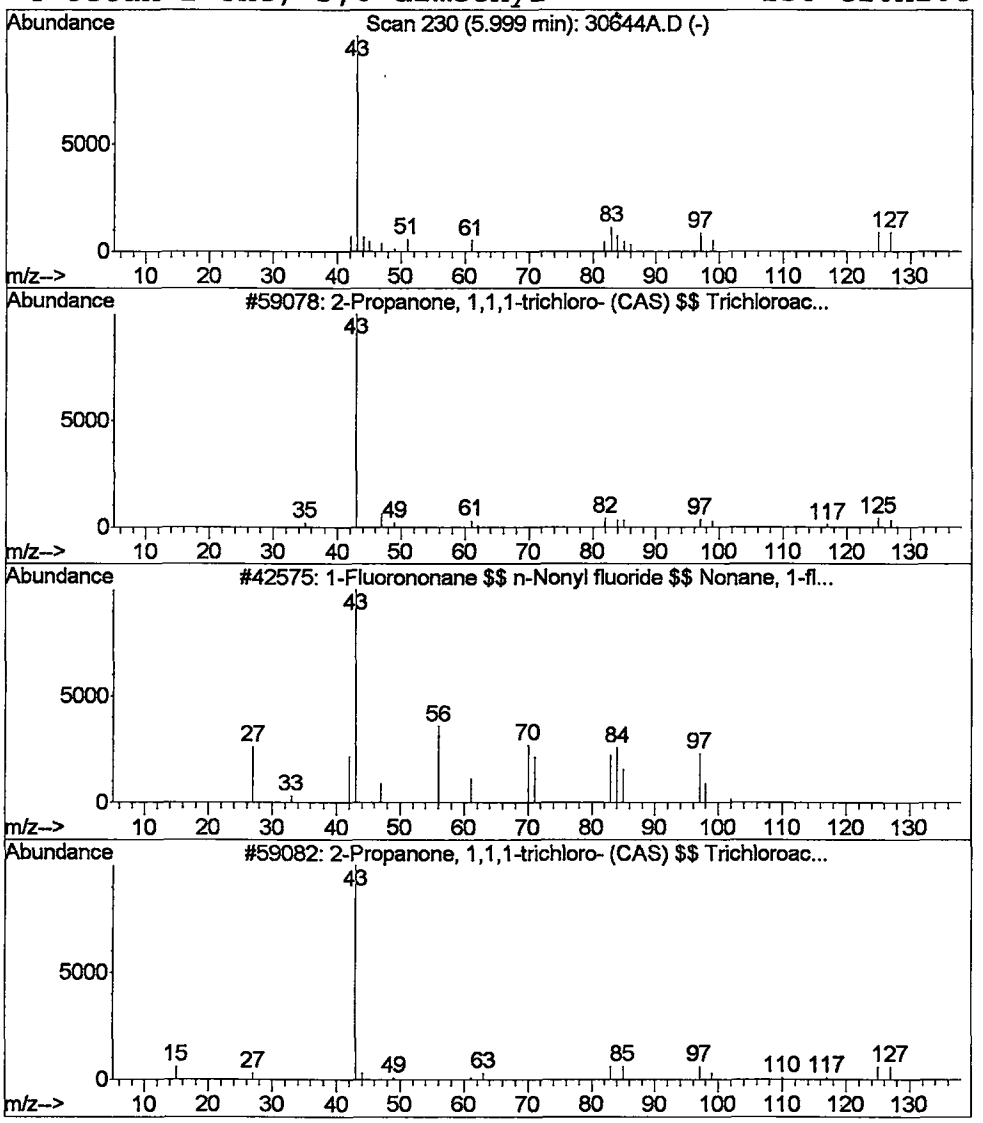
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

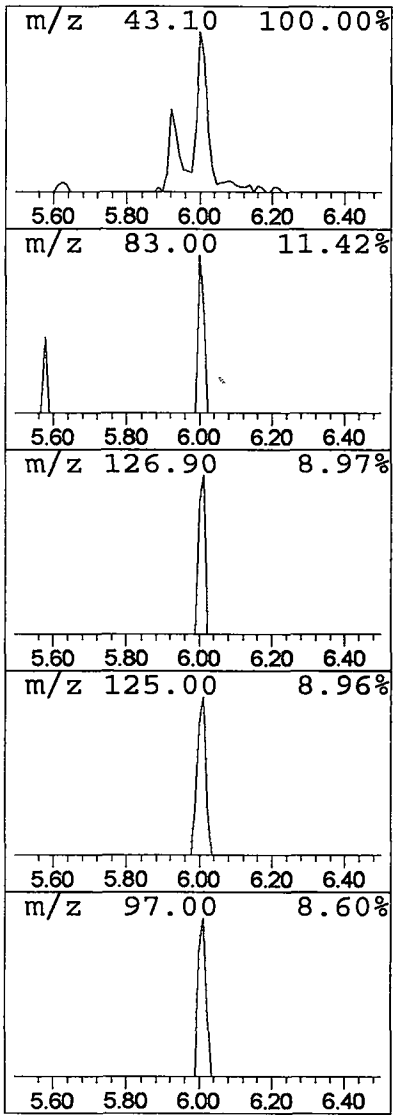
****

Peak Number 5 2-Propanone, 1,1,1-trichlor... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	0.08 ug/L	56743	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	42
2	1-Fluorononane $$ n-Nonyl fluori...	146	C9H19F	000463-18-3	40
3	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	40
4	Octan-2-one, 3,6-dimethyl-	156	C10H20O	000000-00-0	28





NYC-WTC_000004906

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

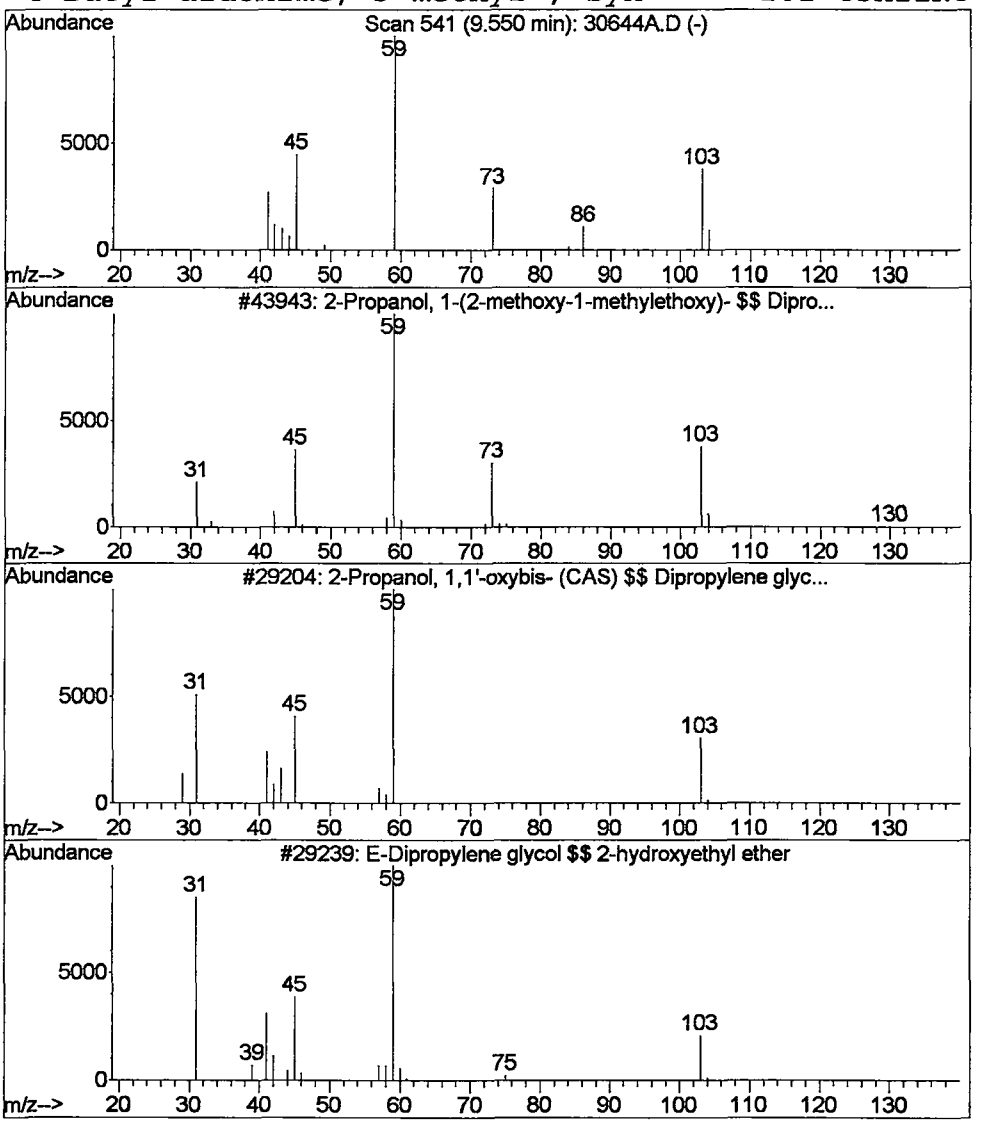
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

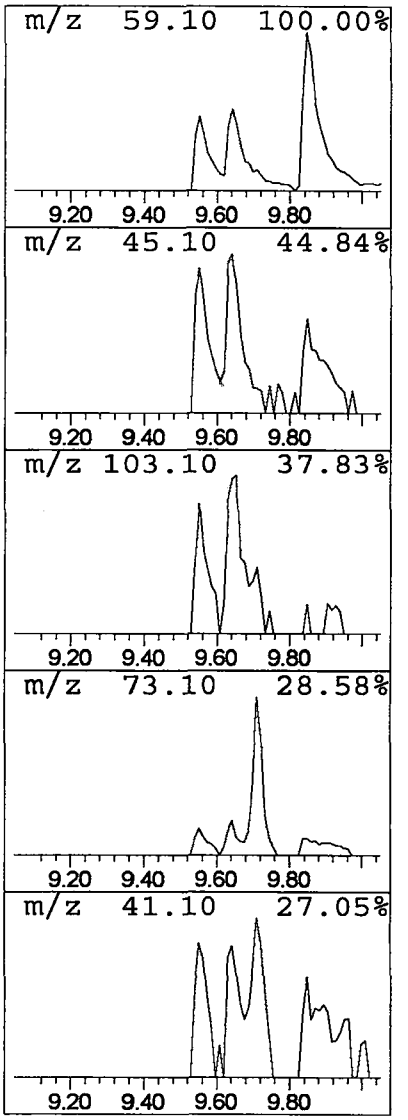
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.08 ug/L	58705	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	39
3	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	36
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





NYC-WTC_000004907

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

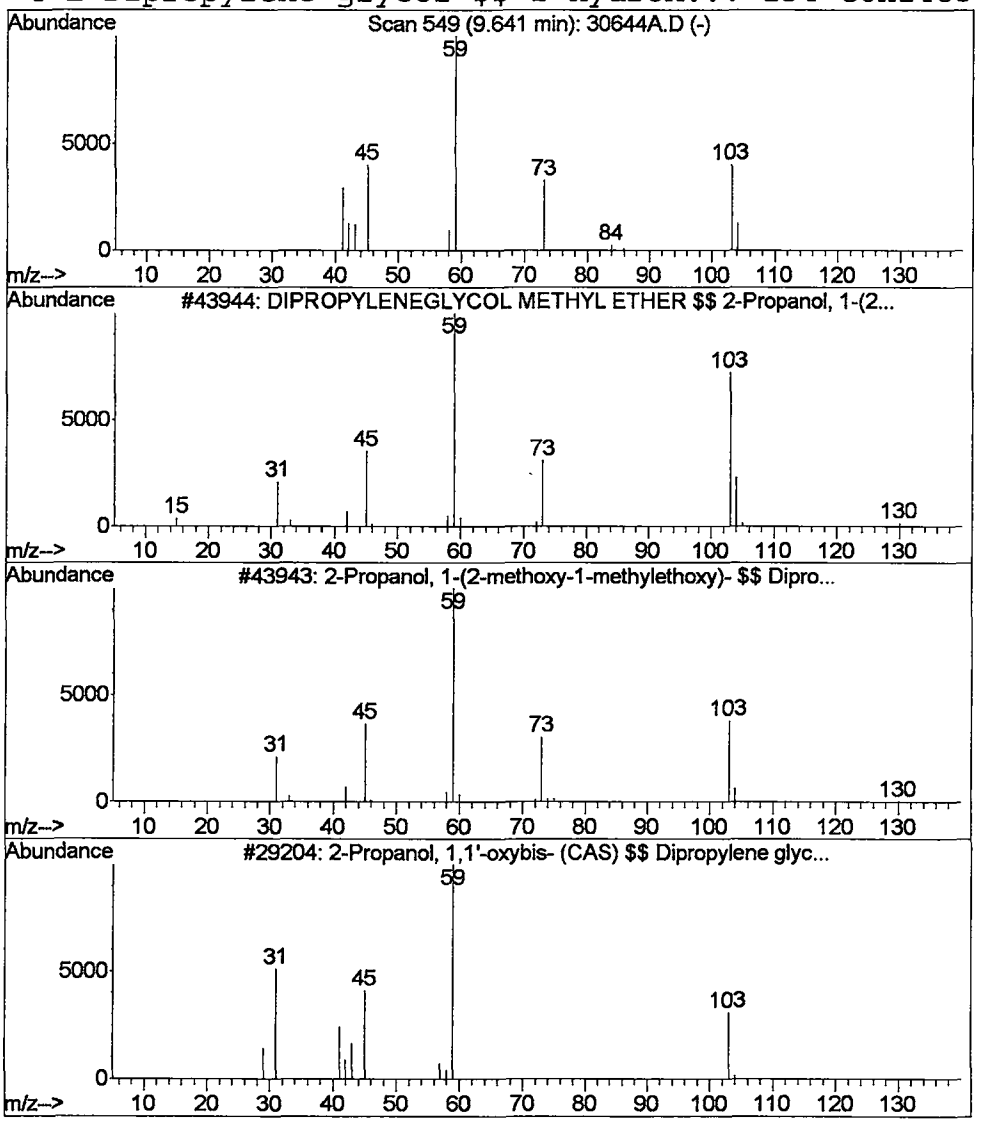
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

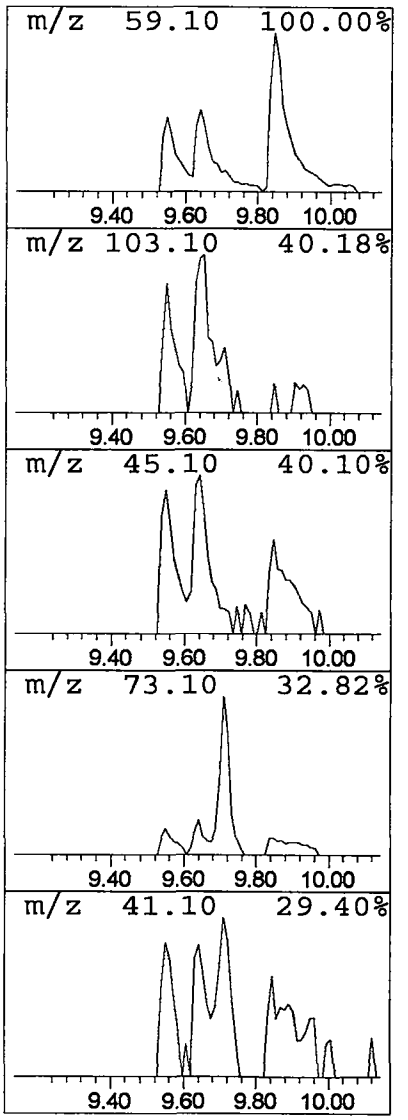
****

Peak Number 7 DIPROPYLENEGLYCOL METHYL ET... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	0.07 ug/L	53269	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	74
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	74
3	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	40
4	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	38





NYC-WTC_000004908

Library Search Compound Report

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Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

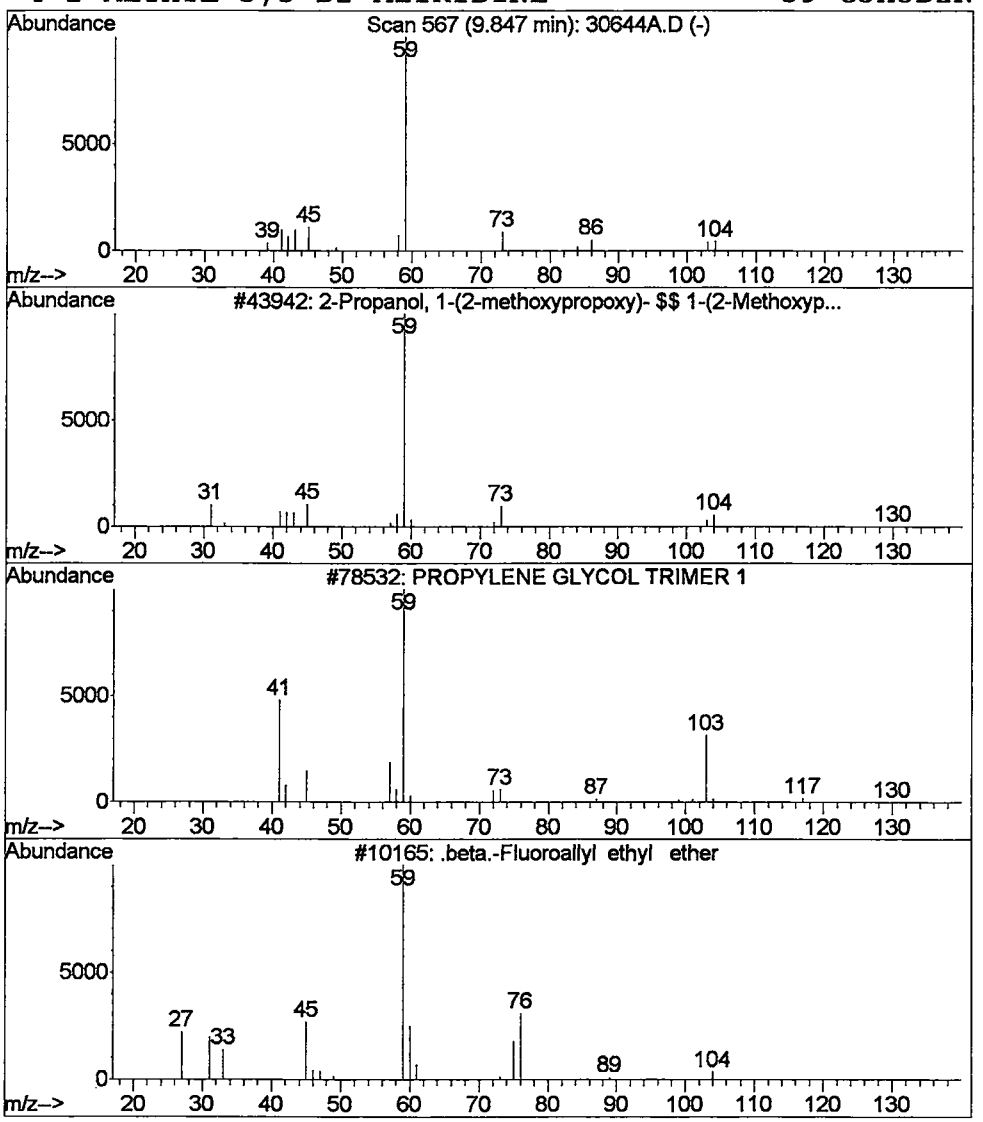
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

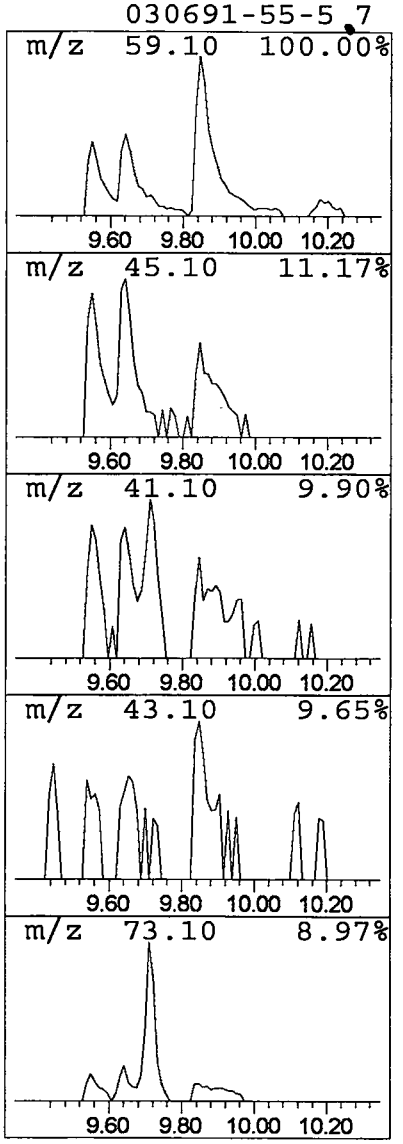
****

Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.19 ug/L	138047	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	78
2	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	9
3	.beta.-Fluoroallyl ethyl ether	104	C5H9FO	000000-00-0	7
4	2-METHYL-3,3-D2-AZIRIDINE	59	C3H5D2N	030691-55-5	7





Library Search Compound Report

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Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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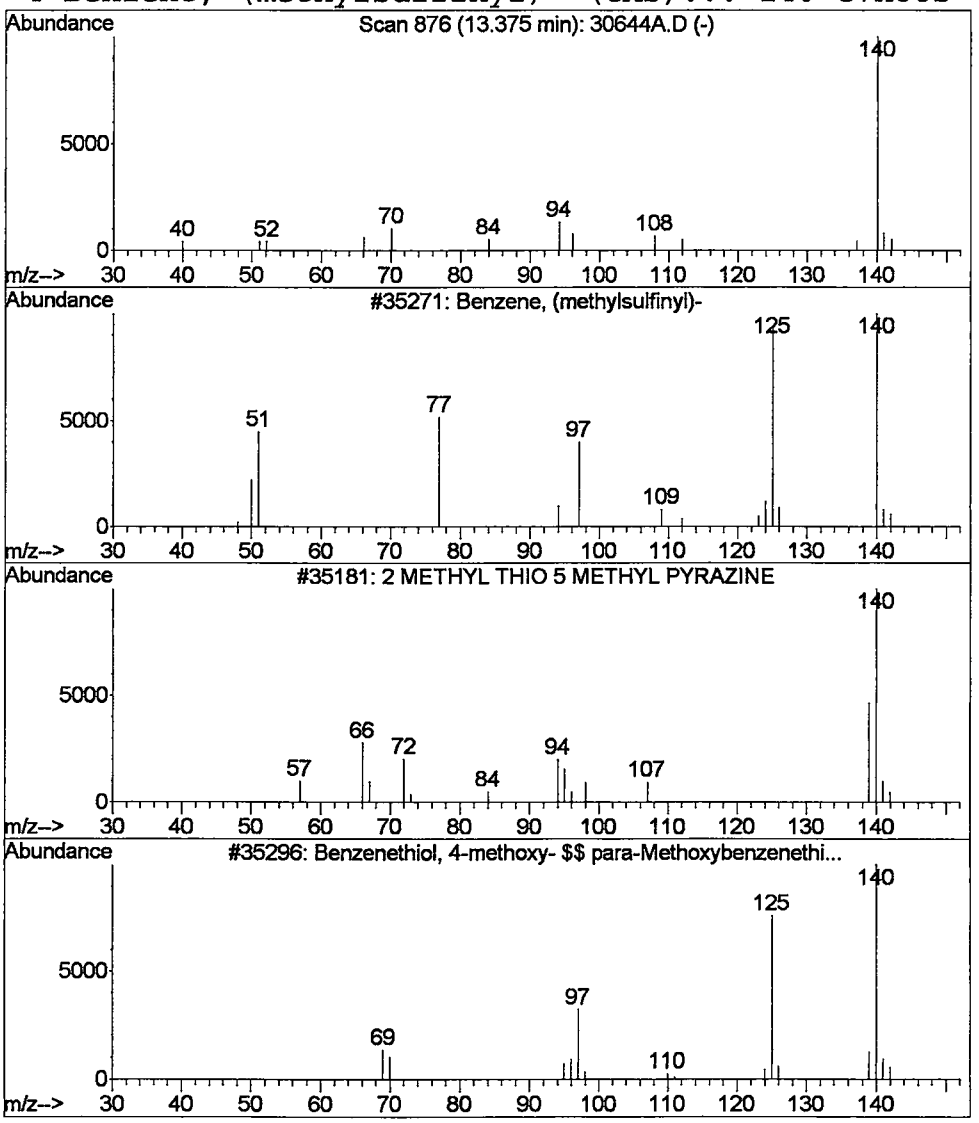
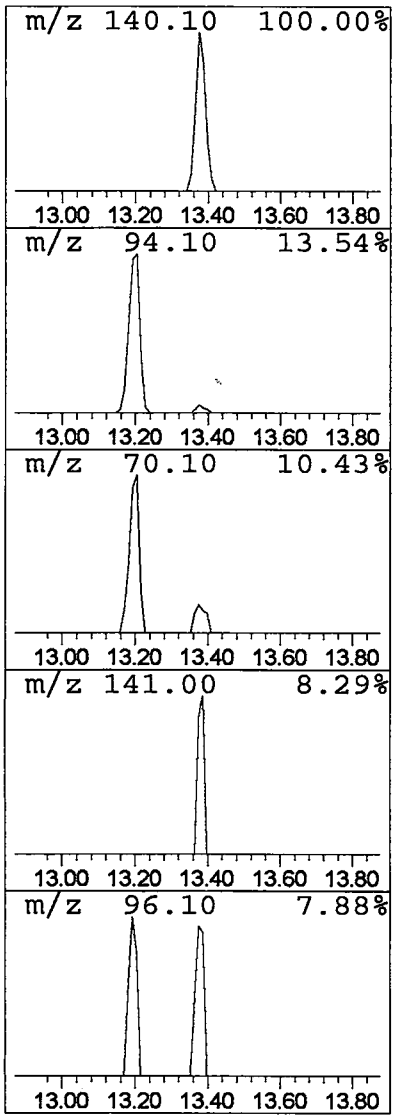
Peak Number 9 Benzene, (methylsulfinyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	0.05 ug/L	54249	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (methylsulfinyl)-	140	C7H8OS	001193-82-4	64
2	2 METHYL THIO 5 METHYL PYRAZINE	140	C6H8N2S	000000-00-0	64
3	Benzenethiol, 4-methoxy- $$ para...	140	C7H8OS	000696-63-9	59
4	Benzene, (methylsulfinyl)- (CAS)...	140	C7H8OS	001193-82-4	50





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Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

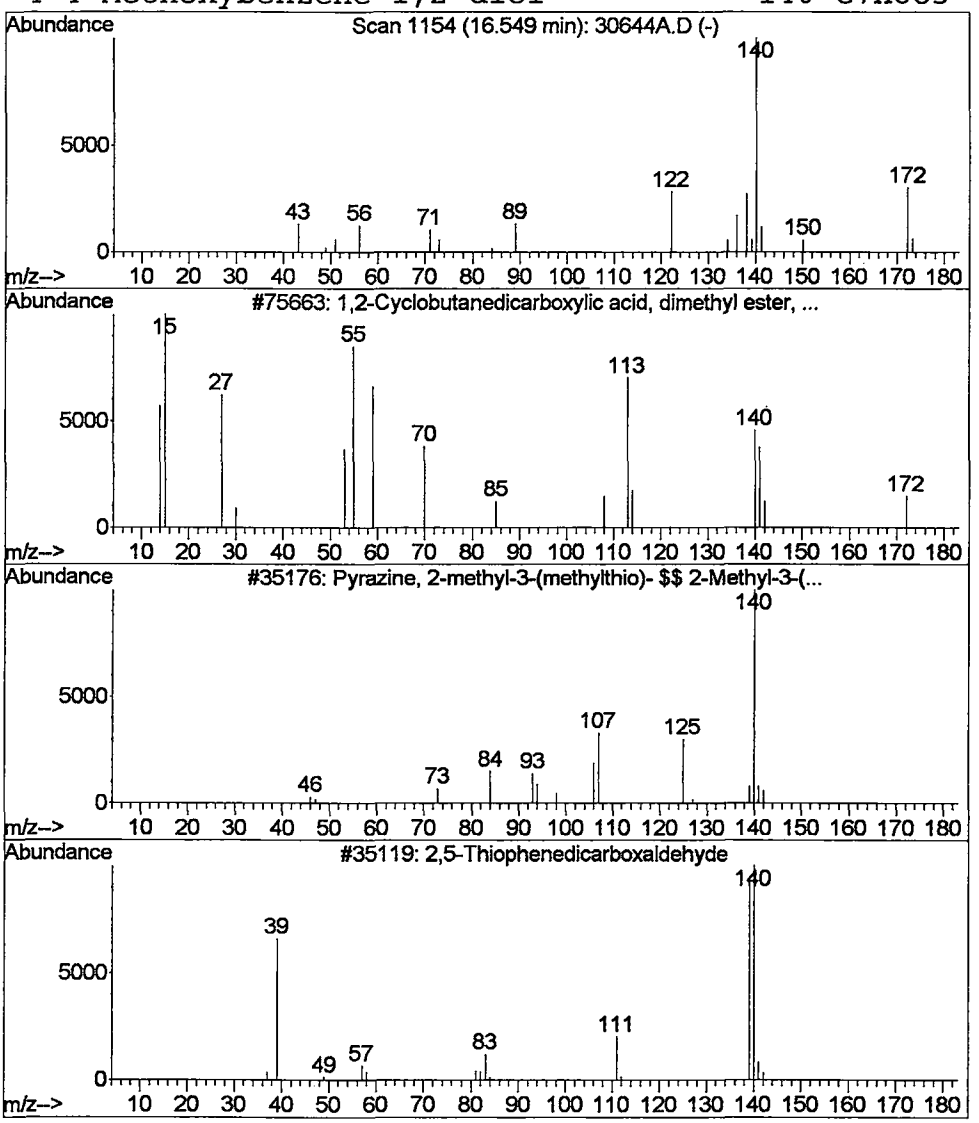
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

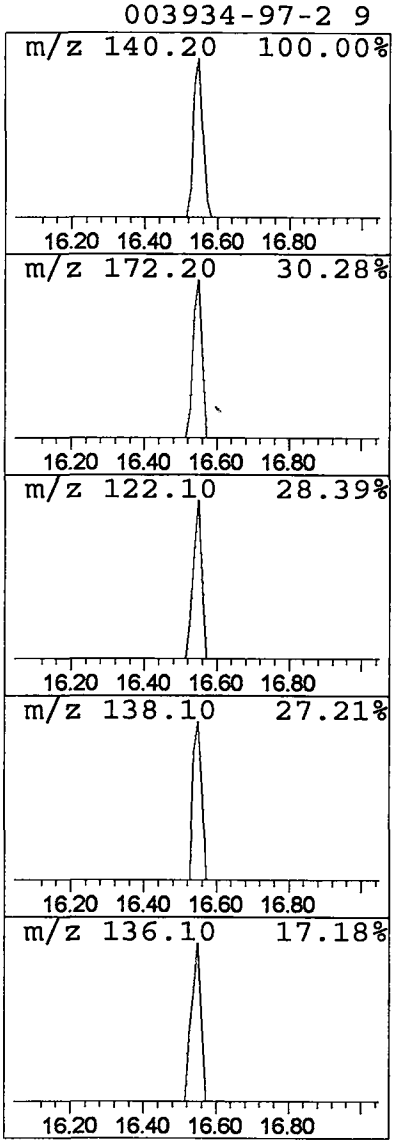
****

Peak Number 10 1,2-Cyclobutanedicarboxylic... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.04 ug/L	48658	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclobutanedicarboxylic acid...	172	C8H12O4	007371-67-7	12
2	Pyrazine, 2-methyl-3-(methylthio...	140	C6H8N2S	002882-20-4	9
3	2,5-Thiophenedicarboxaldehyde	140	C6H4O2S	000932-95-6	9
4	4-Methoxybenzene-1,2-diol	140	C7H8O3	003934-97-2	9





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

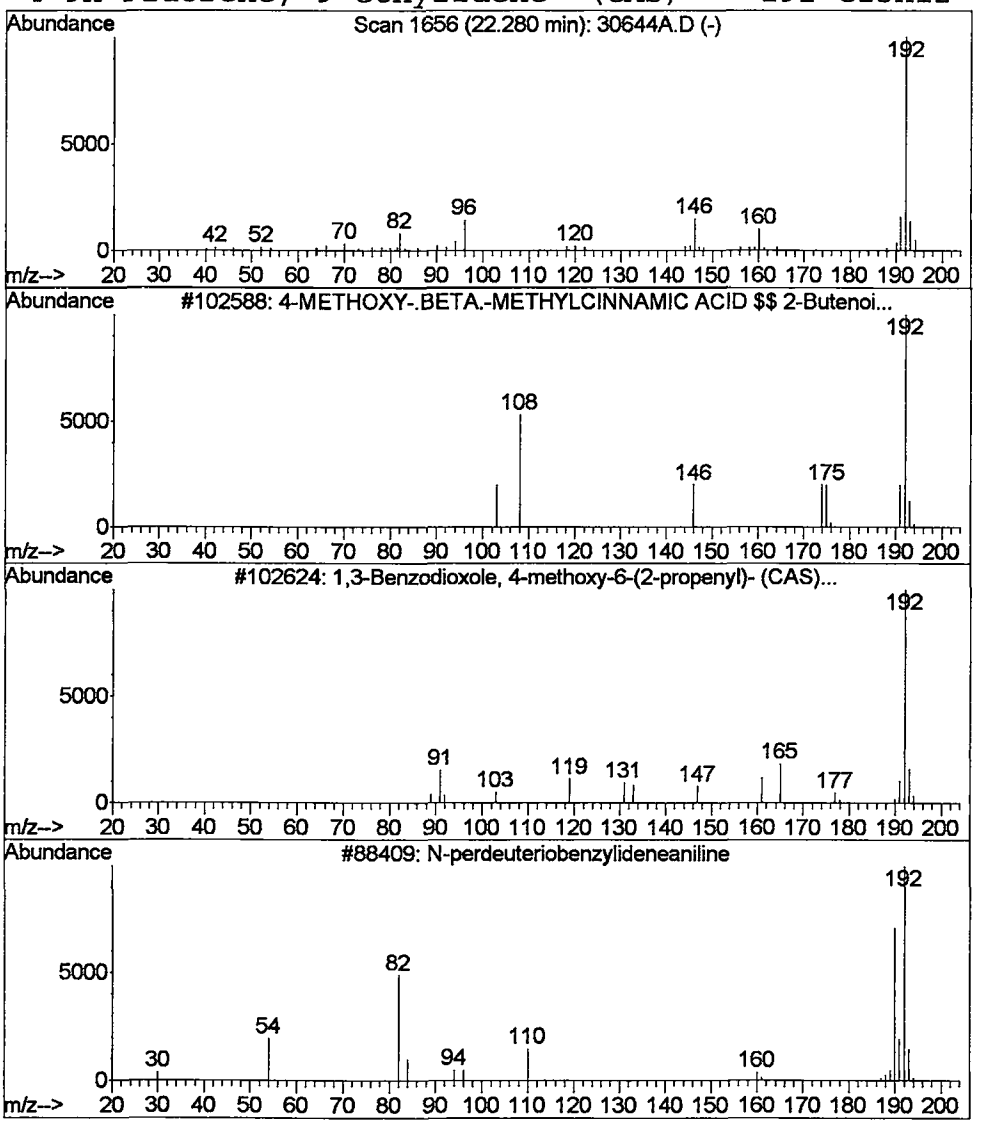
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

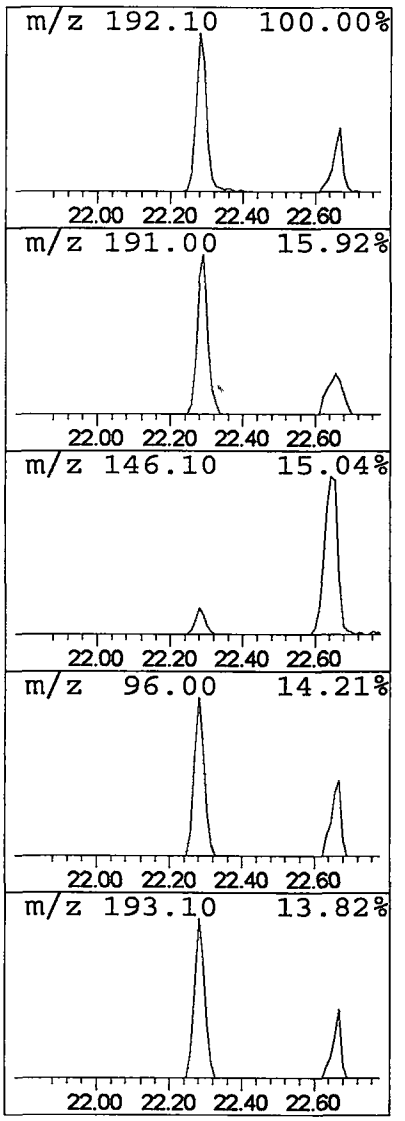
****

Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.18 ug/L	227937	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	64
2	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	59
3	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	59
4	9H-Fluorene, 9-ethylidene- (CAS)	192	C15H12	007151-64-6	53





NYC-WTC_000004912

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

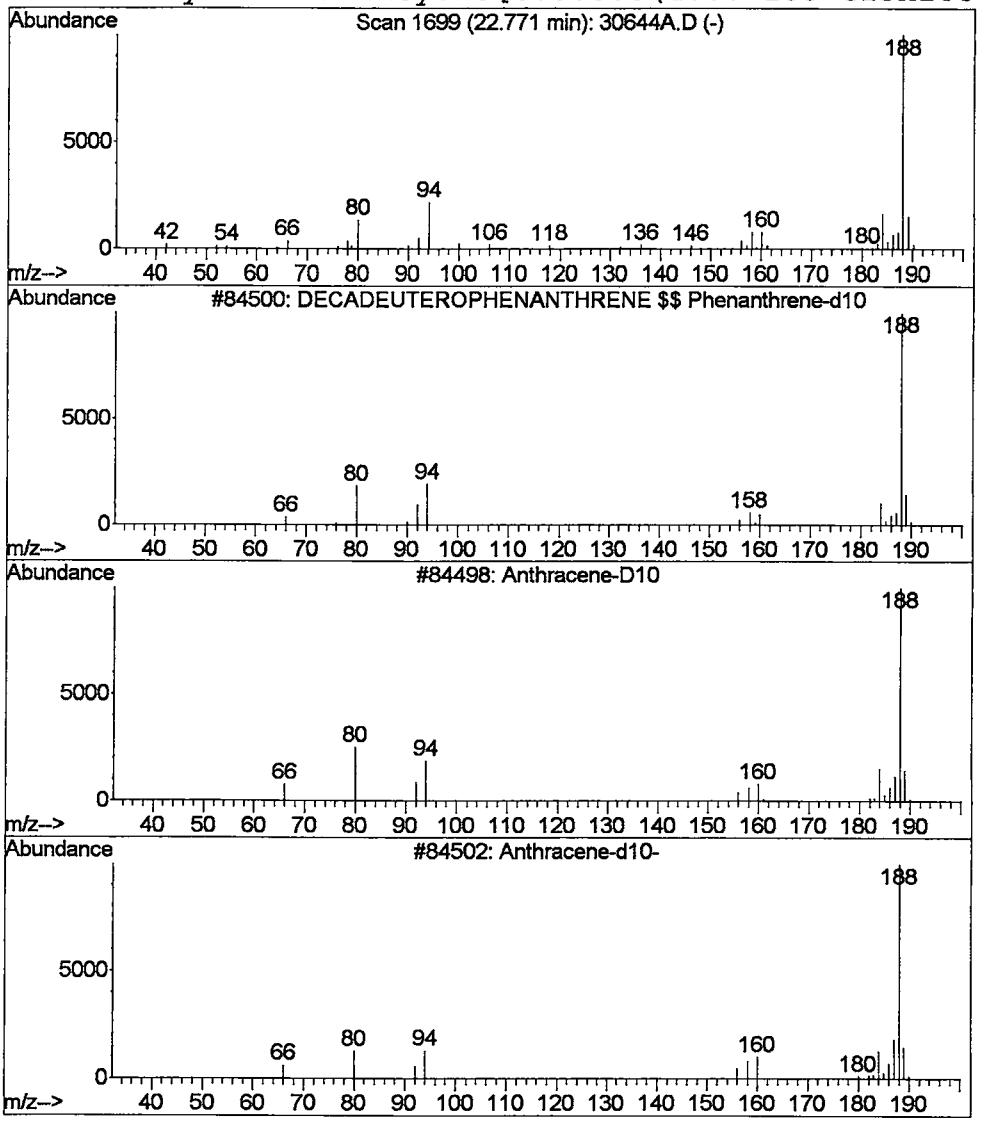
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

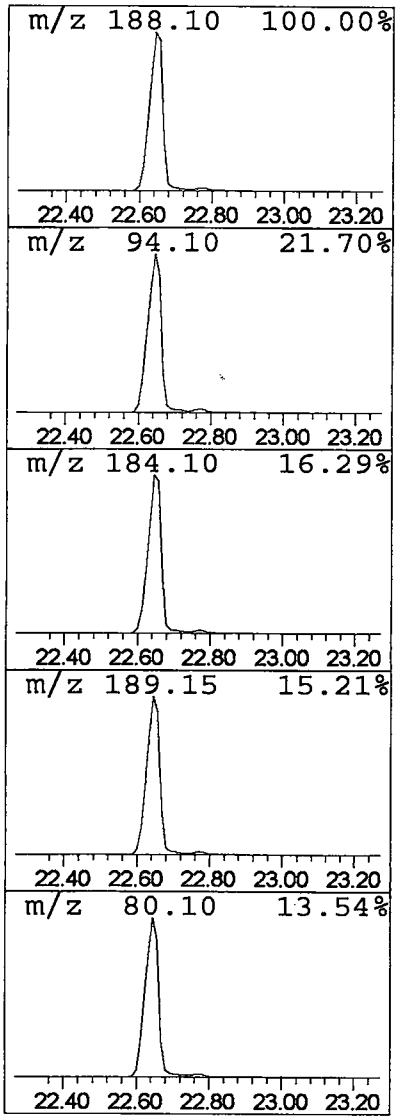
****

Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.29 ug/L	372732	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	93
2	Anthracene-D10	188	C14D10	000000-00-0	90
3	Anthracene-d10-	188	C14D10	001719-06-8	87
4	5-methyl-2-oxatricyclo[6.5.0.0(4...	188	C13H16O	000000-00-0	64





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30644A.D Vial: 1
Acq On : 5 Feb 2002 2:56 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

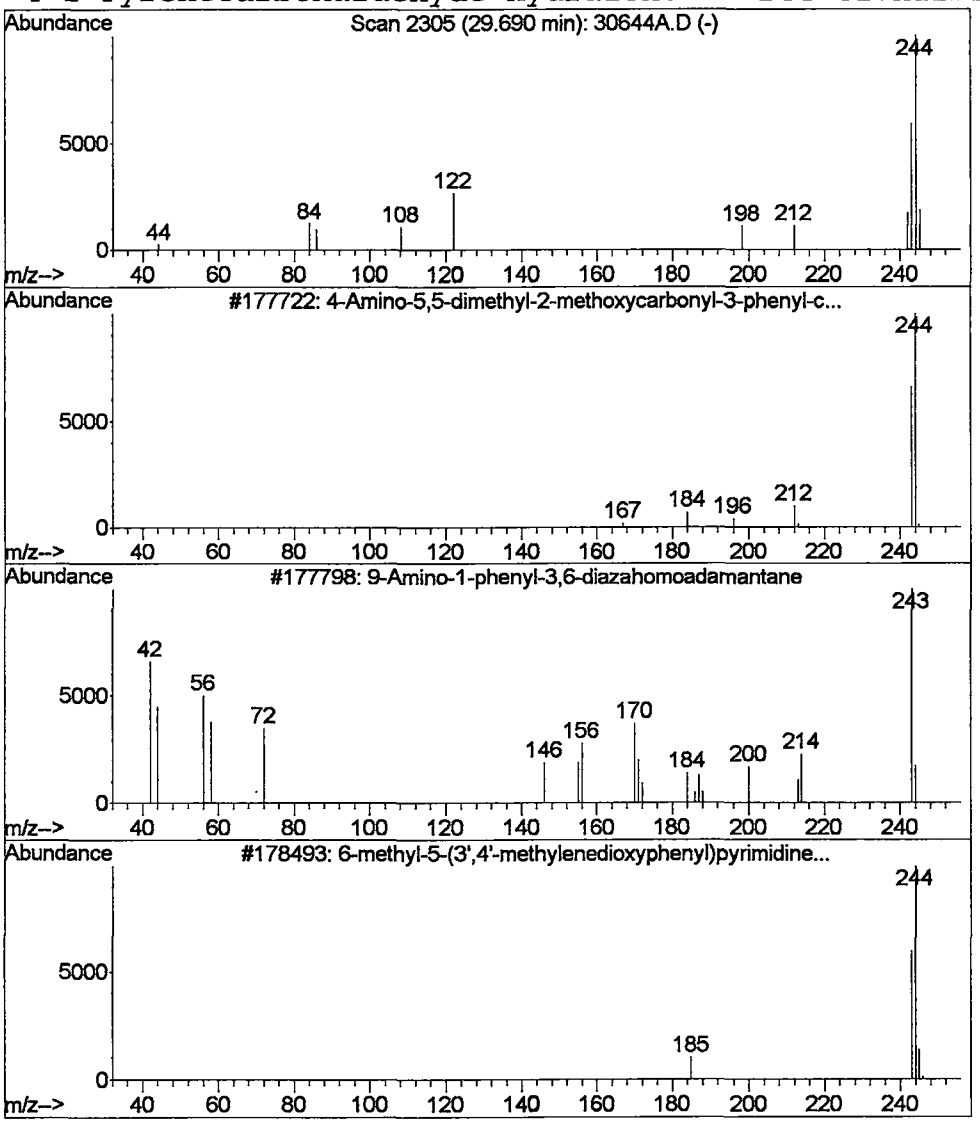
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

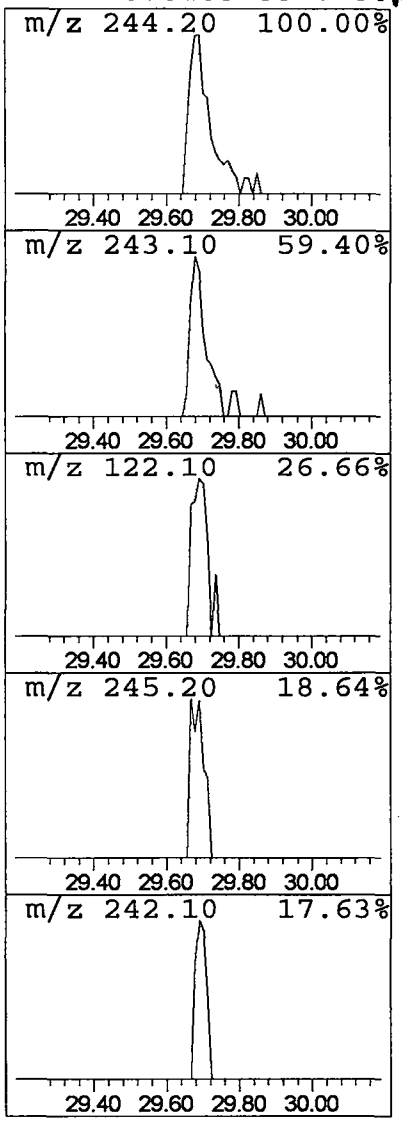
****

Peak Number 13 4-Amino-5,5-dimethyl-2-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.69	0.05 ug/L	55231	Chrysene-d12	30.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-5,5-dimethyl-2-methoxyca...	243	C15H17NO2	118089-29-5	50 NO
2	9-Amino-1-phenyl-3,6-diazahomoad...	243	C15H21N3	000000-00-0	50 GOOD
3	6-methyl-5-(3',4'-methylenedioxy...	244	C12H12N4O2	000000-00-0	50
4	1-Pyrenecarboxaldehyde hydrazone	244	C17H12N2	076465-53-7	50 MATCH





NYC-WTC_000004914

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Feb 2002 2:56 pm
Data File: C:\MSDCHEM\1\5973N\02FEB05\30644A.D
Name: 508 scan; re-ext
Misc: February 5, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.49	0.1	ug/L	51779	1	9.71	14405800	20.0
Butanoic acid, me...	3.61	0.1	ug/L	62497	1	9.71	14405800	20.0
2,2-dimethoxybutane	4.23	0.5	ug/L	344873	1	9.71	14405800	20.0
3-(CYCLOHEX-3'-EN...	5.92	0.2	ug/L	157518	1	9.71	14405800	20.0
2-Propanone, 1,1,...	6.00	0.1	ug/L	56743	1	9.71	14405800	20.0
2-Propanol, 1-(2-...	9.55	0.1	ug/L	58705	1	9.71	14405800	20.0
DIPROPYLENEGLYCOL...	9.64	0.1	ug/L	53269	1	9.71	14405800	20.0
2-Propanol, 1-(2-...	9.85	0.2	ug/L	138047	1	9.71	14405800	20.0
Benzene, (methyls...	13.37	0.1	ug/L	54249	2	13.20	20535500	20.0
1,2-Cyclobutanedi...	16.55	0.0	ug/L	48658	3	18.34	22931700	20.0
4-METHOXY-.BETA.-...	22.28	0.2	ug/L	227937	4	22.65	25335500	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	372732	4	22.65	25335500	20.0
4-Amino-5,5-dimet...	29.69	0.0	ug/L	55231	5	30.51	24362500	20.0

NYC-WTC_000004915

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12:23 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Reruns not needed

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2610765	20.00	ug/L	-0.01
10) Naphthalene-d8	13.20	136	11072356	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.34	164	5761732	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	9312575	20.00	ug/L	-0.02
38) Chrysene-d12	30.51	240	8090292	20.00	ug/L	0.00
44) Perylene-d12	34.43	264	5906949	20.00	ug/L	0.01
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	499397	4.57	ug/L	0.00
Spiked Amount 5.000			Recovery = 91.40%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.35	163	927069	2.44	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	727941	9.81	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	14246	0.58	ug/L	99

in blank

(#) = qualifier out of range (m) = manual integration
30648A.D SCAN508.M Thu Feb 21 10:12:24 2002 Page 1

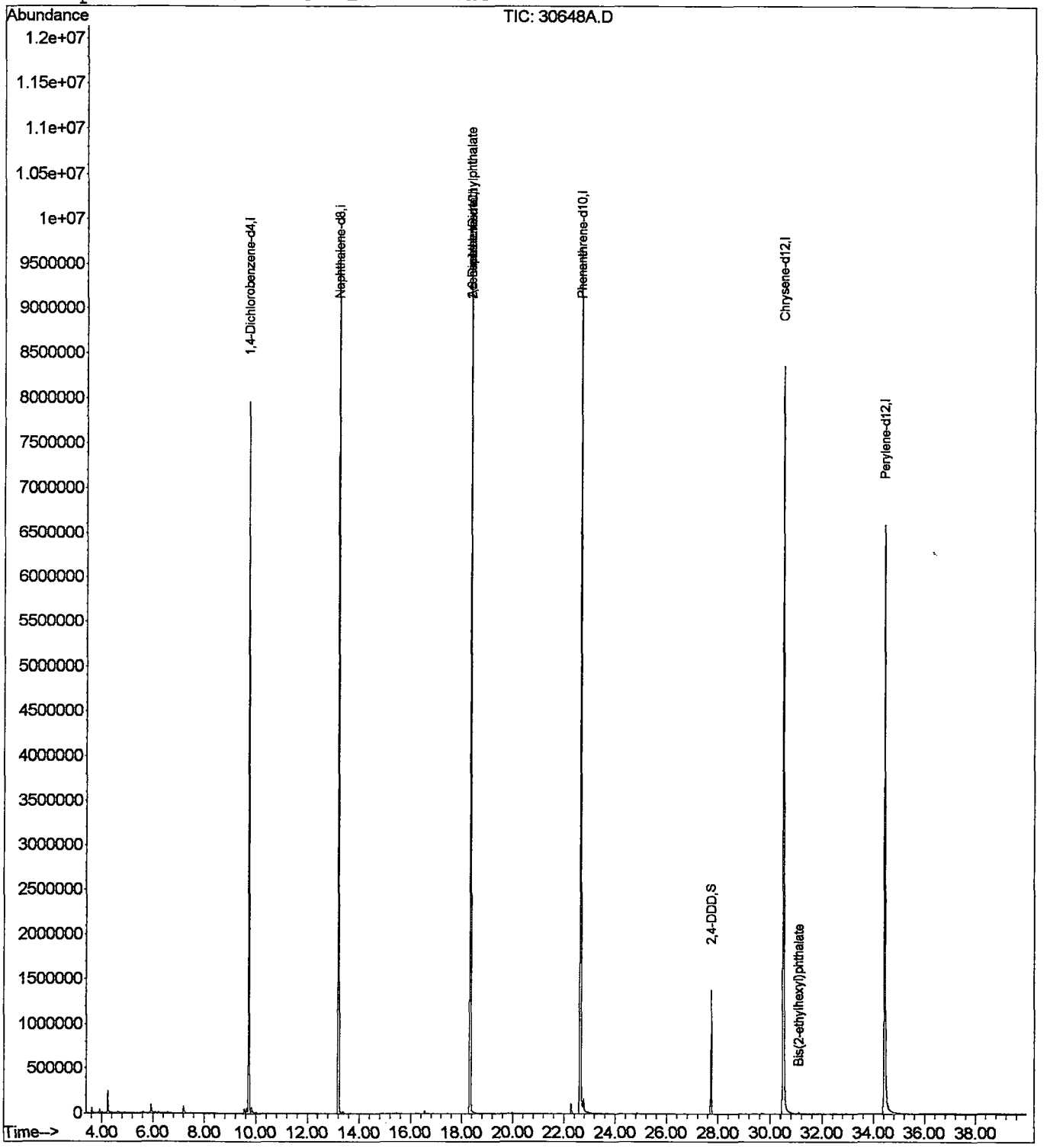
NYC-WTC_000004916

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 21 10:12 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Feb 21 10:10:08 2002
Response via : Initial Calibration



NYC-WTC_000004917

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.613	17	21	29	rBV2	58218	99273	0.40%	0.075%
2	3.922	43	48	53	rVB	30818	53456	0.22%	0.040%
3	4.241	71	76	81	rBV	243883	412344	1.67%	0.312%
4	5.920	219	223	235	rBV	93263	204490	0.83%	0.155%
5	7.187	331	334	355	rVB	78753	189149	0.77%	0.143%
6	9.539	537	540	545	rBV	52457	125234	0.51%	0.095%
7	9.630	545	548	551	rVV	59170	135838	0.55%	0.103%
8	9.710	551	555	561	rVV	7959007	15137059	61.37%	11.440%
9	9.836	561	566	579	rVV	65482	223199	0.90%	0.169%
10	13.192	855	860	865	rBV	9810494	21607572	87.61%	16.330%
11	13.375	873	876	883	rVB	27180	57676	0.23%	0.044%
12	16.549	1151	1154	1157	rBV	32677	54751	0.22%	0.041%
13	18.341	1305	1311	1317	rBV	10116757	23384143	94.81%	17.672%
14	22.280	1651	1656	1661	rBV	114331	207156	0.84%	0.157%
15	22.645	1681	1688	1693	rBV2	9675857	24663502	100.00%	18.639%
16	22.771	1697	1699	1713	rVB	153310	385447	1.56%	0.291%
17	27.726	2127	2133	2139	rVV	1382369	2454569	9.95%	1.855%
18	29.690	2299	2305	2317	rVB2	12445	44325	0.18%	0.033%
19	30.512	2369	2377	2381	rBV	8353608	23048450	93.45%	17.419%
20	34.428	2713	2720	2757	rBV	6588057	19833363	80.42%	14.989%

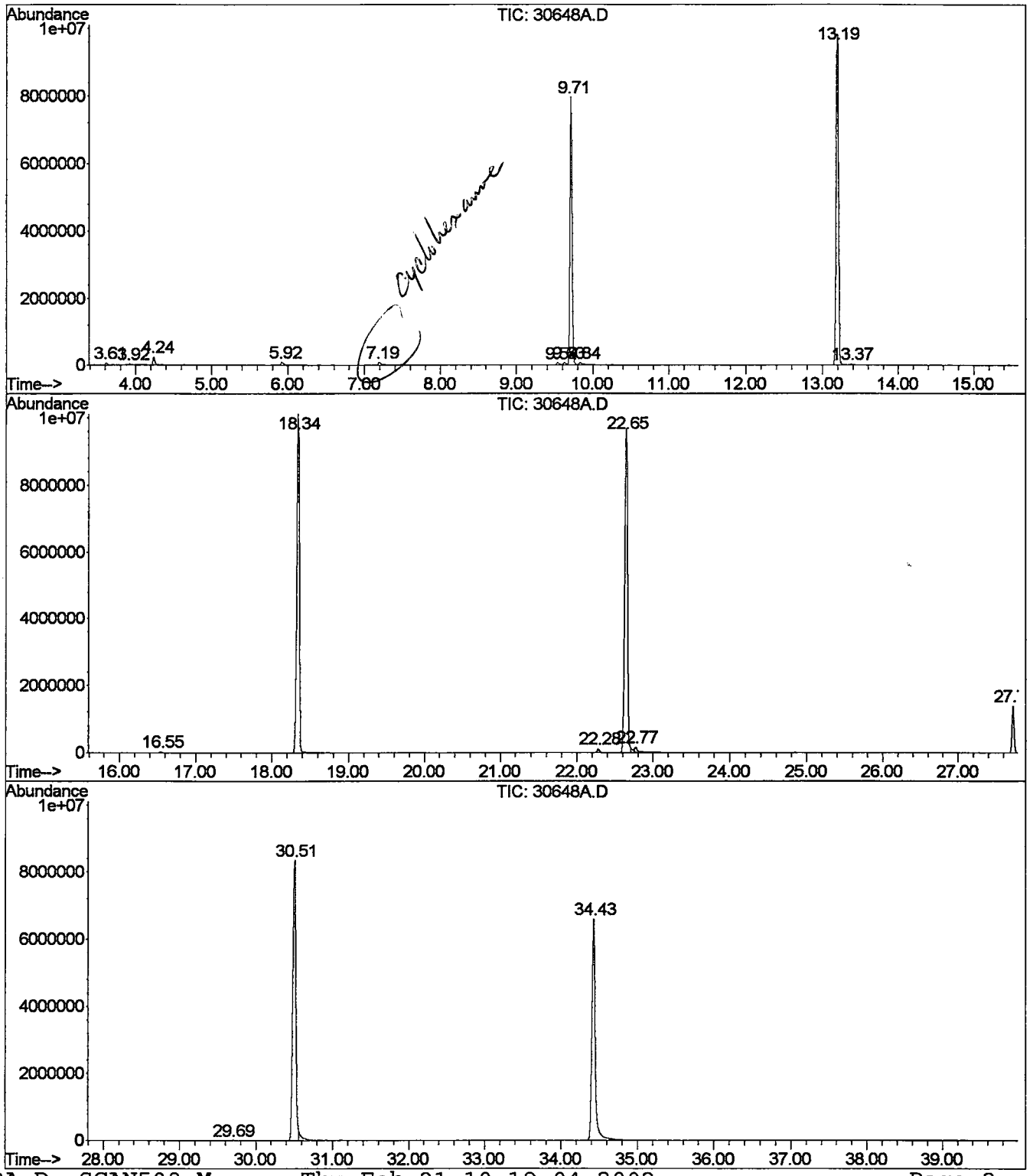
Sum of corrected areas: 132320996

NYC-WTC_000004918

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D
Operator :
Acquired : 5 Feb 2002 2:03 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan; re-ext
Misc Info : February 5, 2002
Vial Number: 5
Quant File :HP020702.RES (RTE Integrator)



NYC-WTC_000004919

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

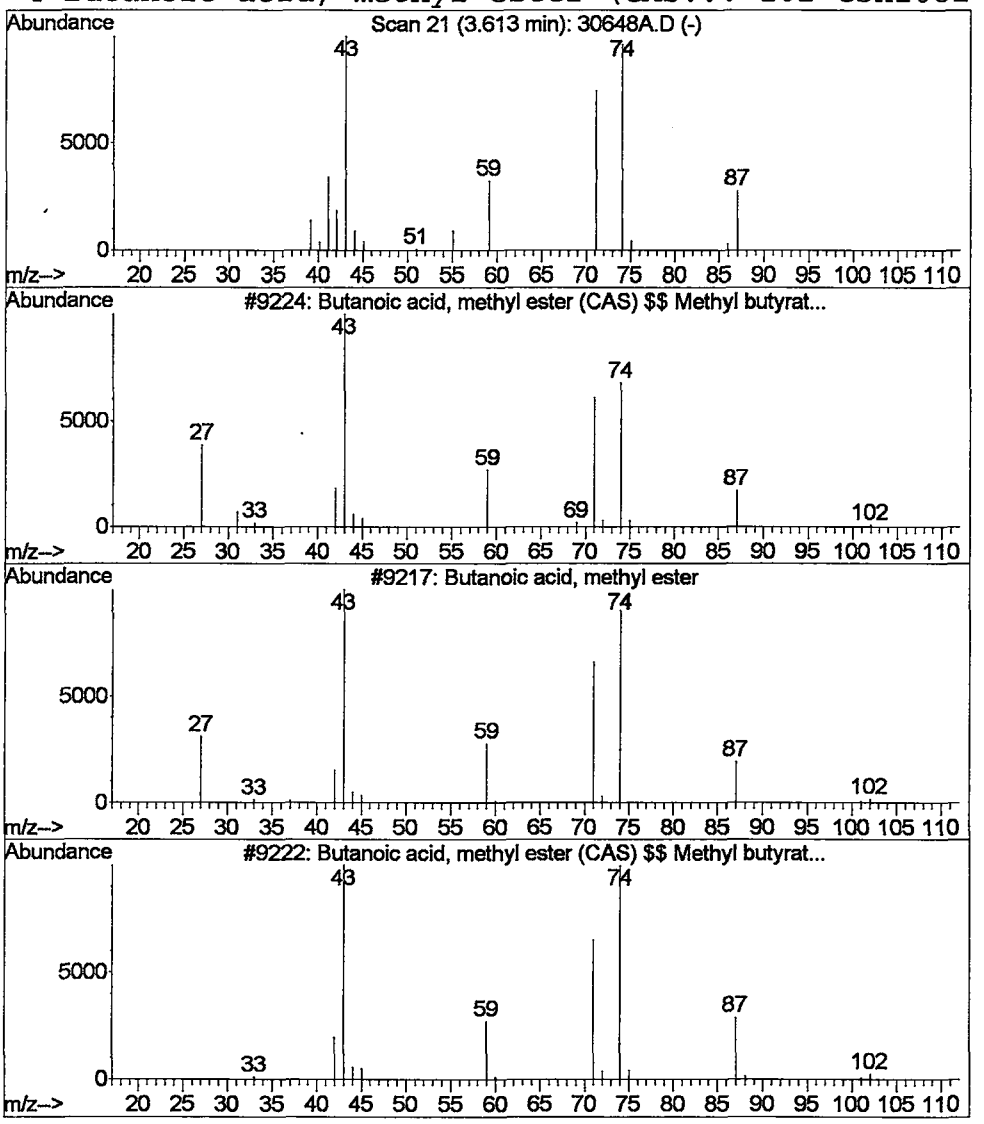
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

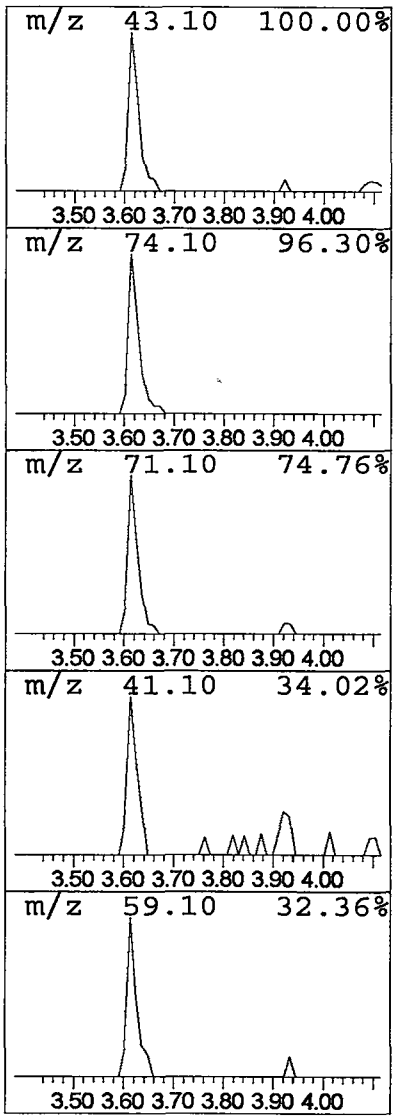
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.13 ug/L	99273	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83





NYC-WTC_000004920

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

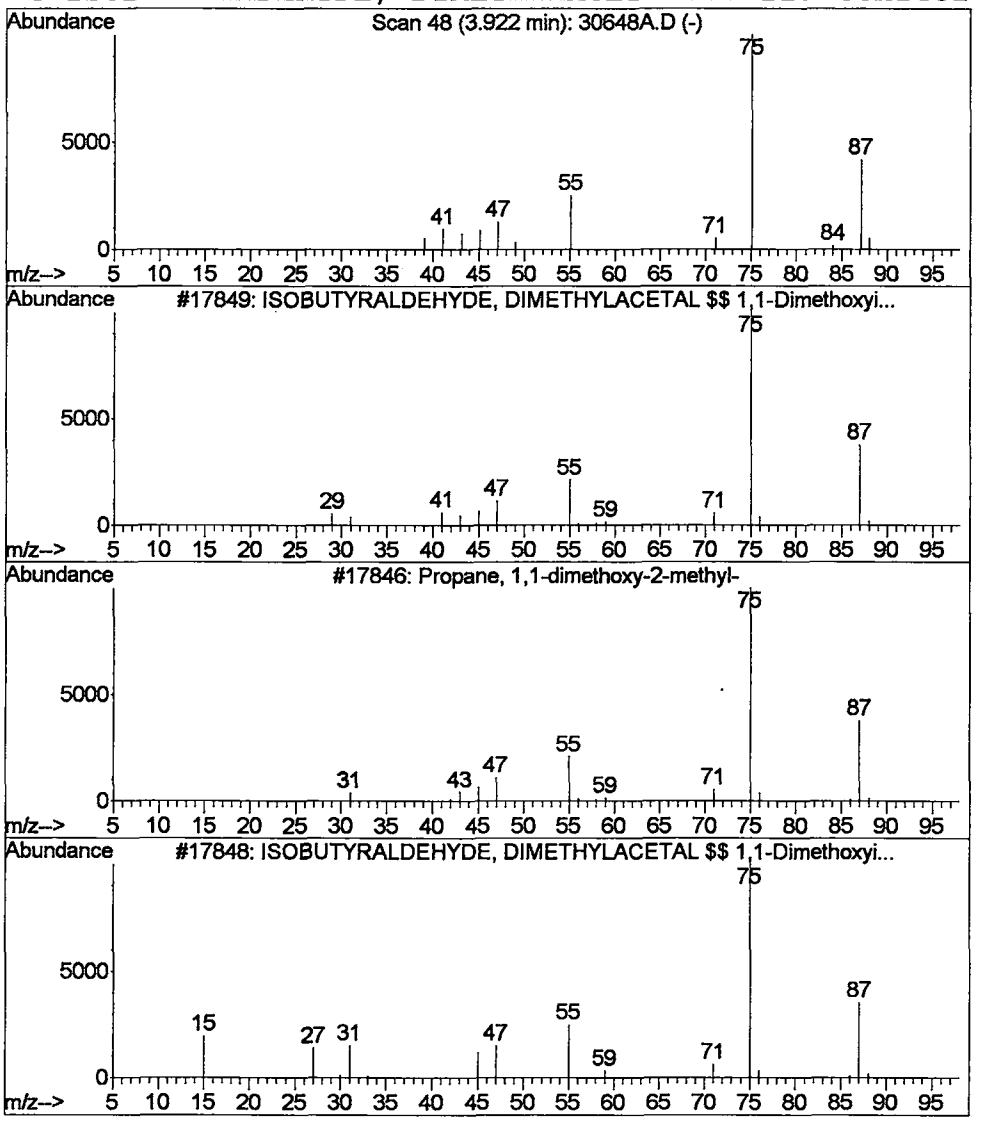
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

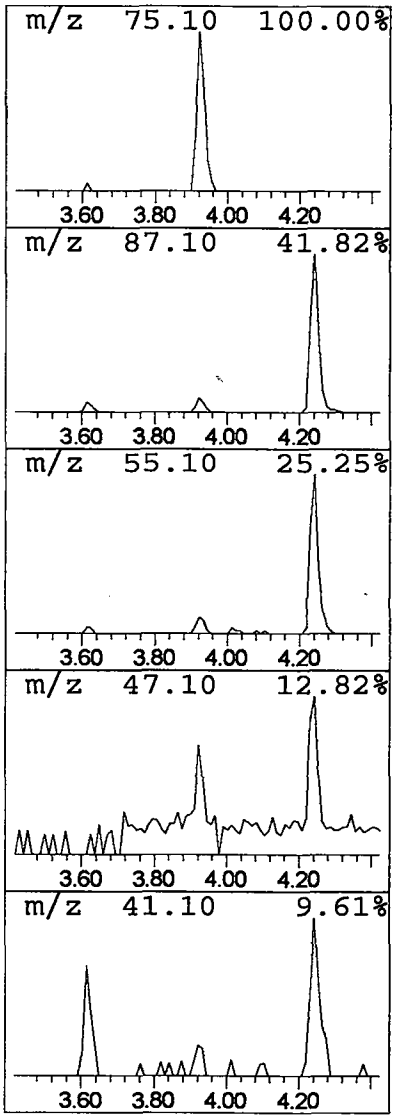
****

Peak Number 2 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.07 ug/L	53456	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
2	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	83
3	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	43
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

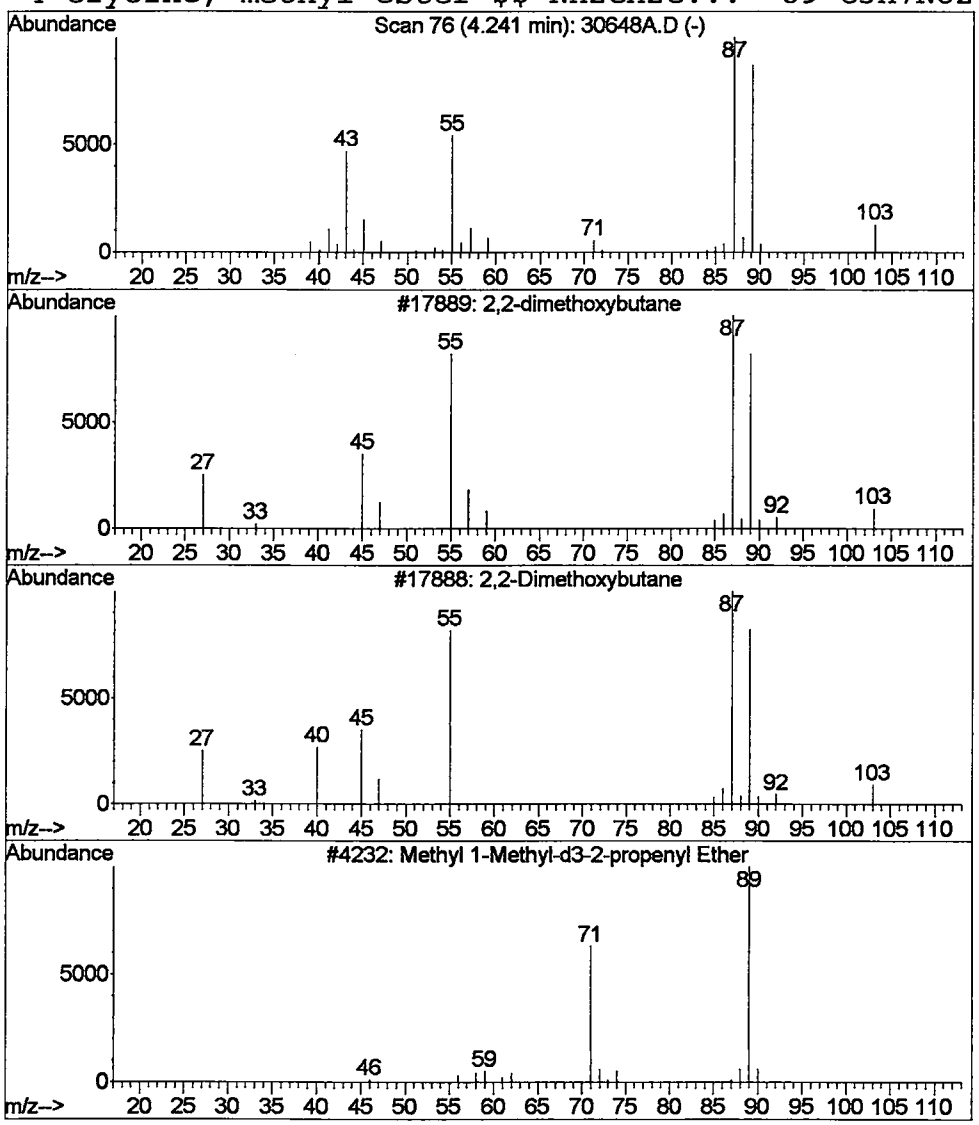
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

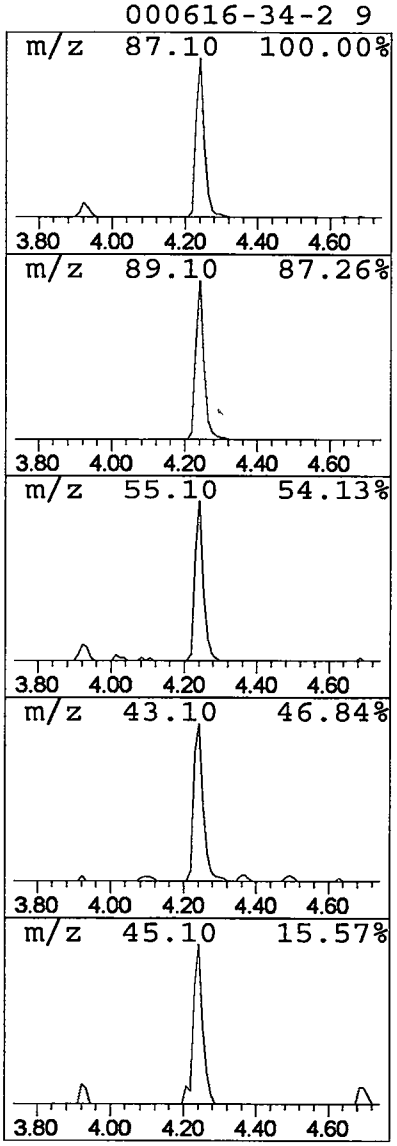
****

Peak Number 3 2,2-dimethoxybutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.54 ug/L	412344	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	64
2	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	43
3	Methyl 1-Methyl-d3-2-propenyl Ether	89	C5H7D3O	000000-00-0	36
4	Glycine, methyl ester $$ NH2CH2C...	89	C3H7NO2	000616-34-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

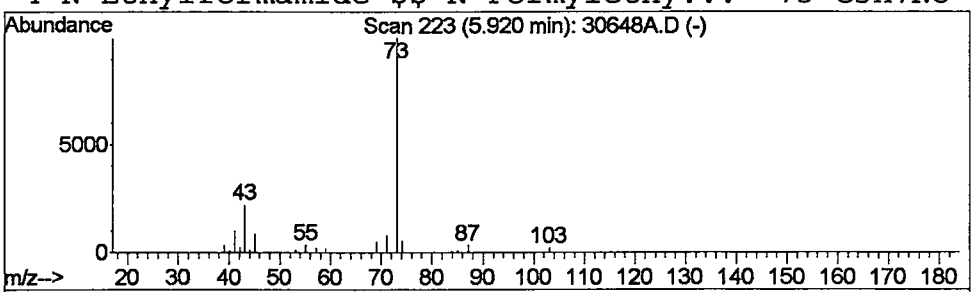
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

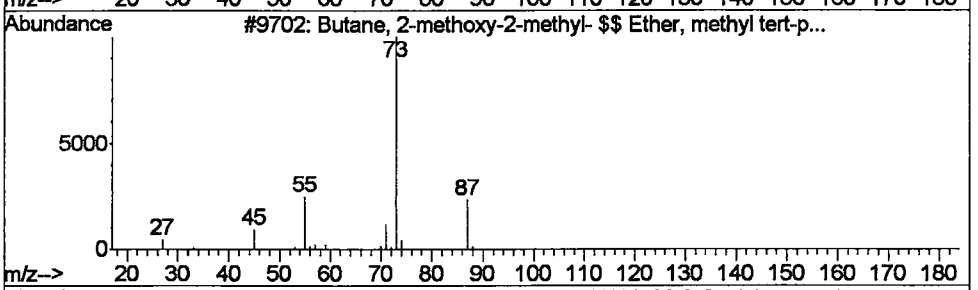
****

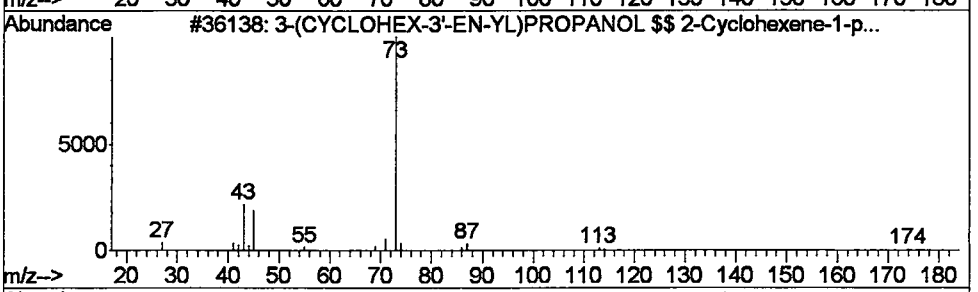
Peak Number 4 Butane, 2-methoxy-2-methyl-... Concentration Rank 4

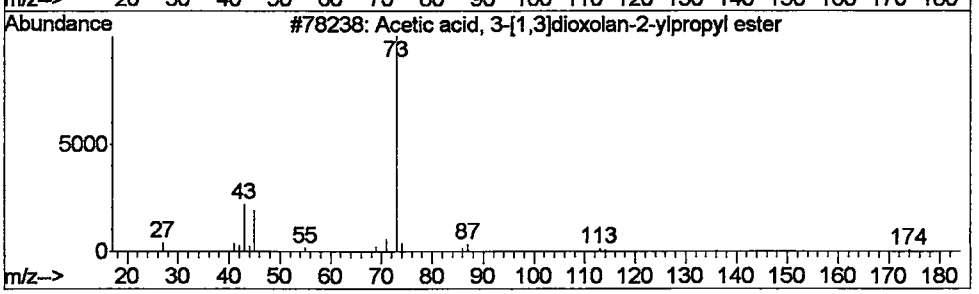
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.27 ug/L	204490	1,4-Dichlorobenzene-d4	9.71

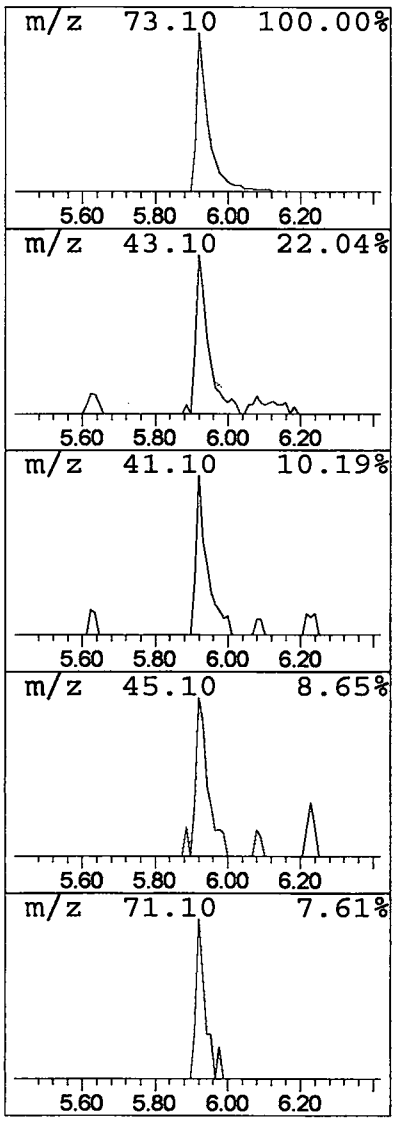
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	36
2	3-(CYCLOHEX-3'-EN-YL) PROPANOL $$...	174	C8H14O4	015745-87-6	33
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9











NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

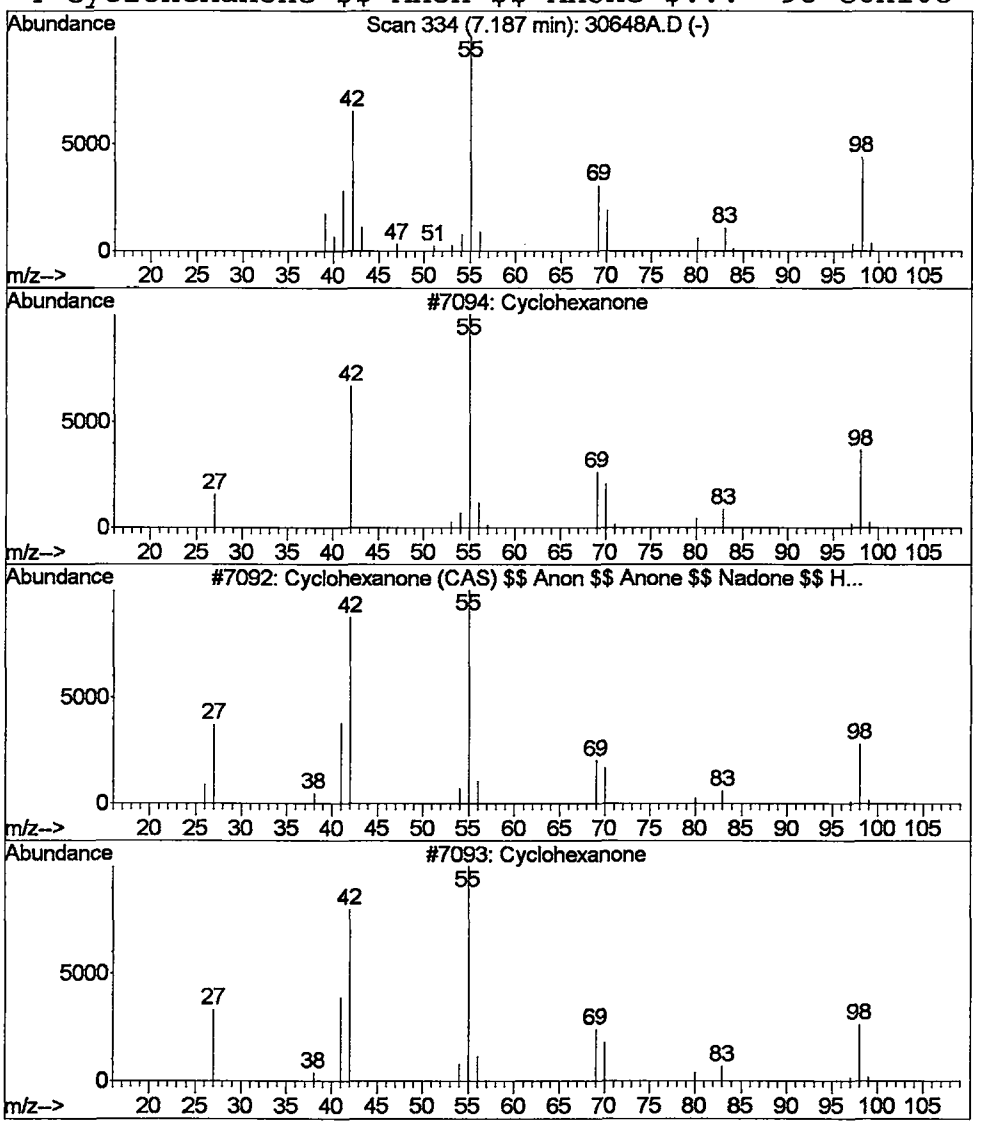
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

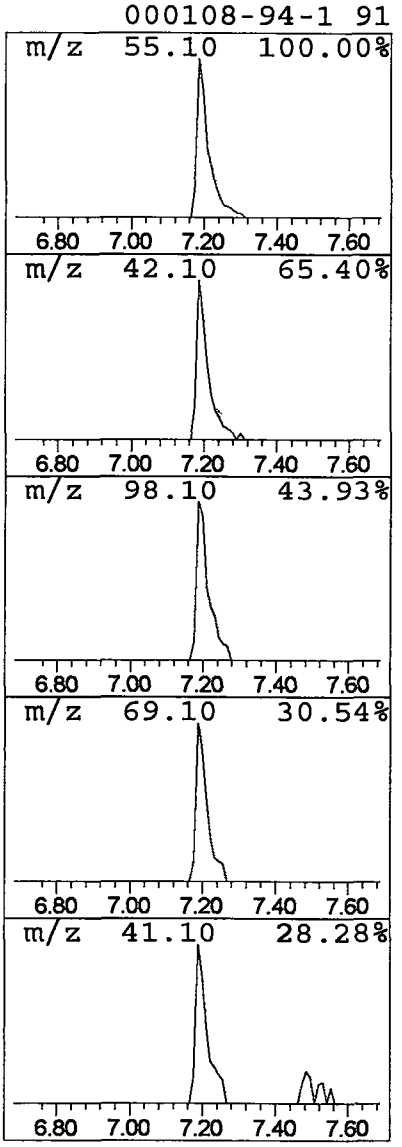
****

Peak Number 5 Cyclohexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	0.25 ug/L	189149	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	91
2	Cyclohexanone (CAS) $$ Anon $$ A...	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone $$ Anon $$ Anone $...	98	C6H10O	000108-94-1	91





NYC-WTC_000004924

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

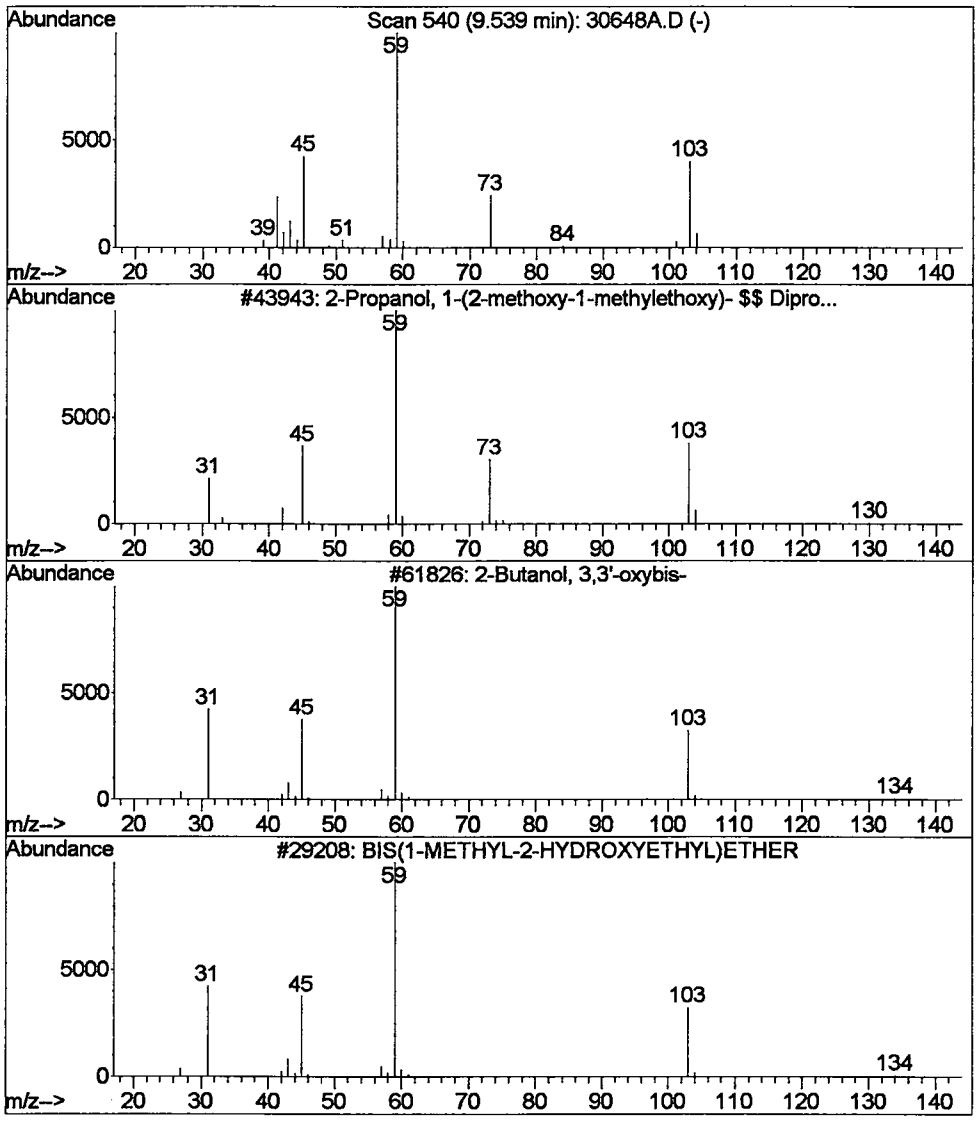
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

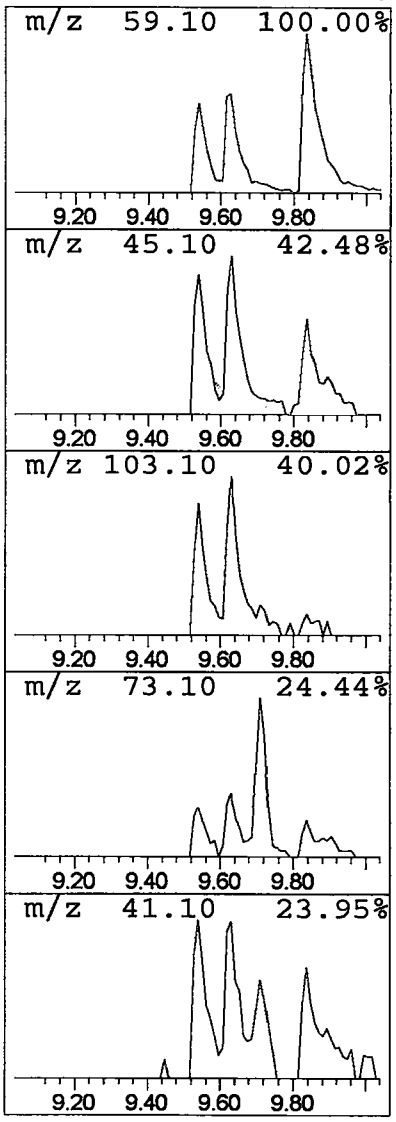
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.17 ug/L	125234	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	56
3	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	56
4	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	50





NYC-WTC_000004925

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

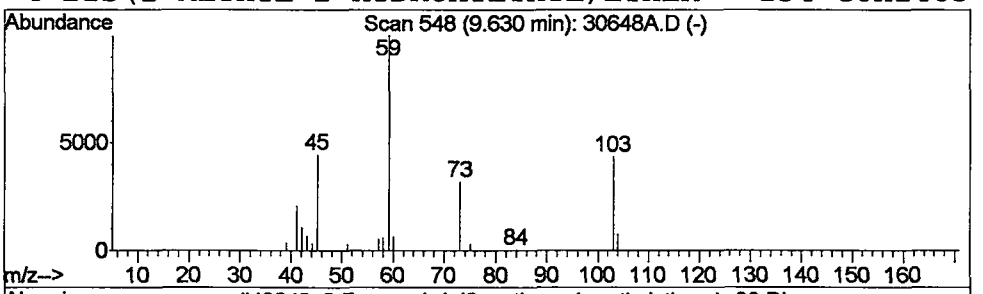
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

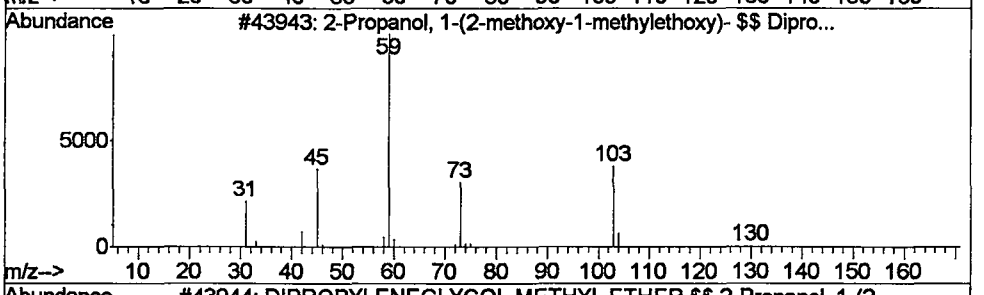
****

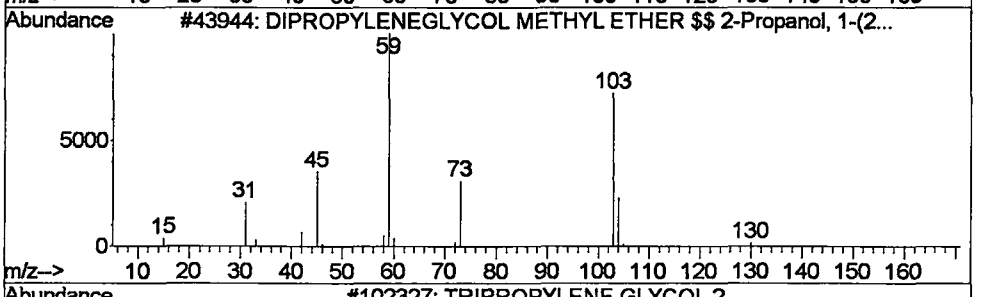
Peak Number 7 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

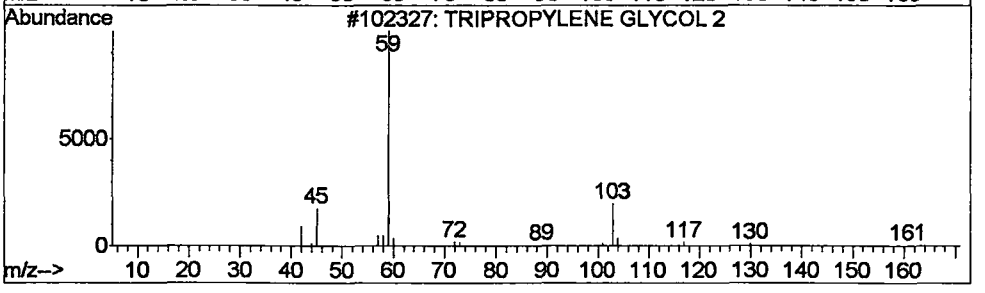
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.18 ug/L	135838	1,4-Dichlorobenzene-d4	9.71

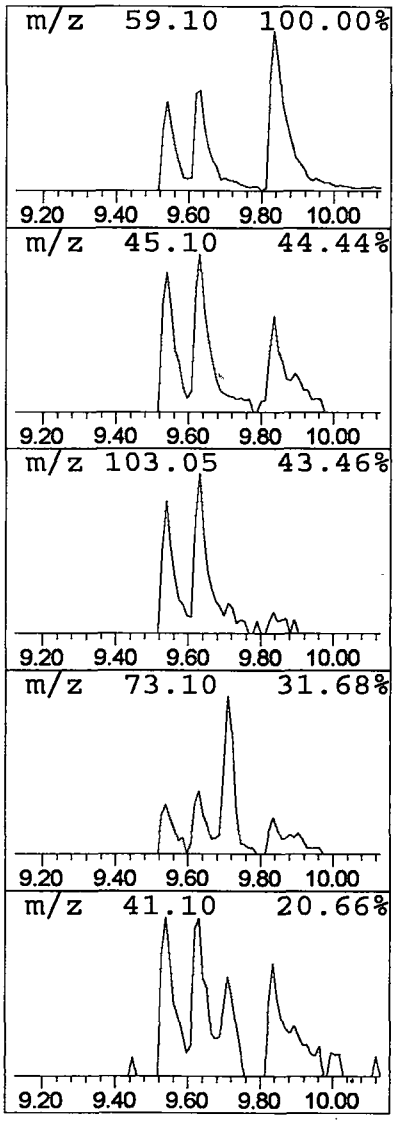
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	72
3	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	56
4	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	50











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

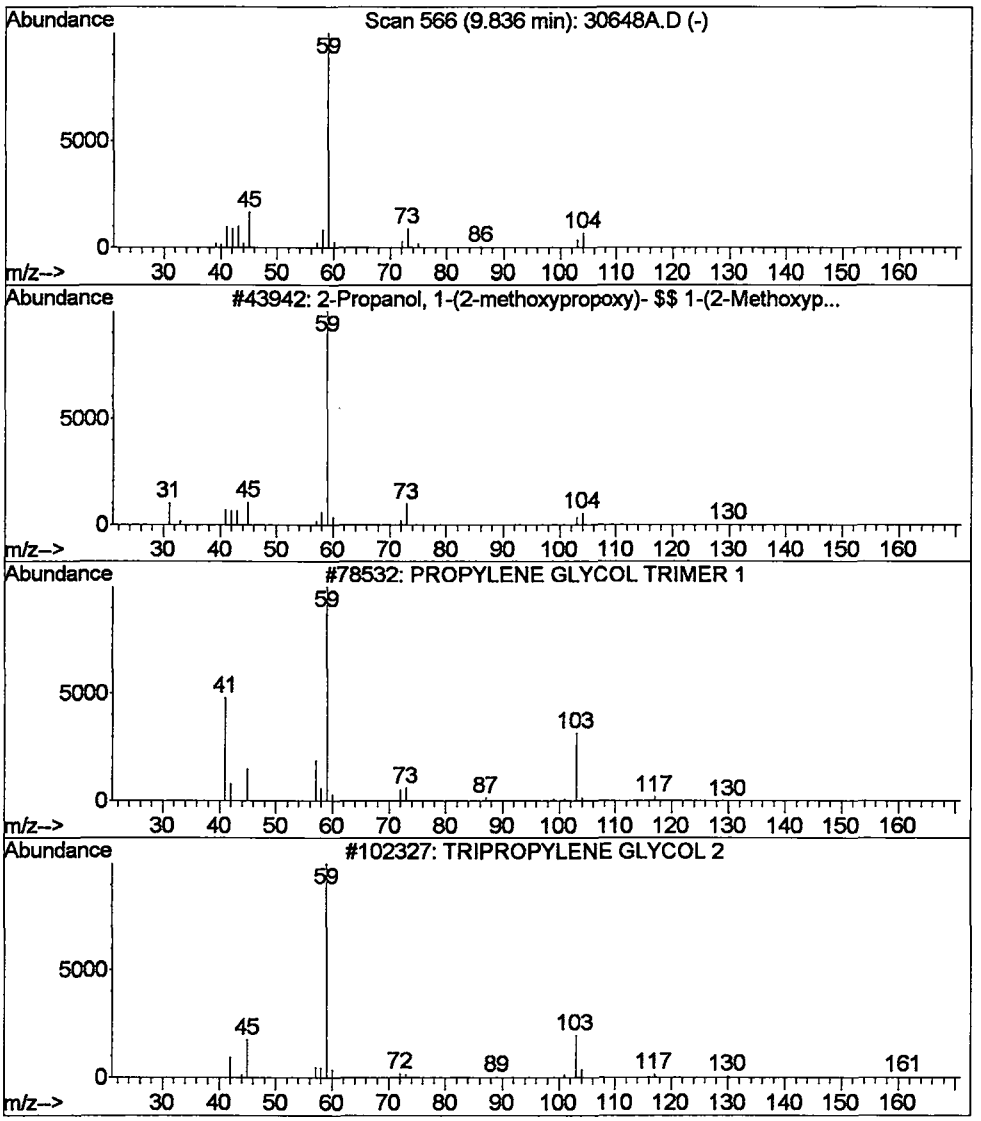
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

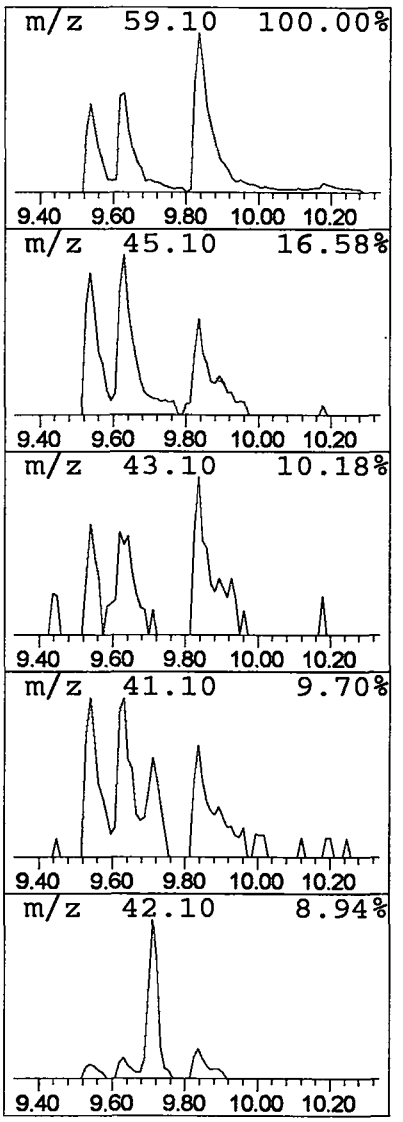
****

Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.29 ug/L	223199	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	56
3	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	43
4	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	43





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

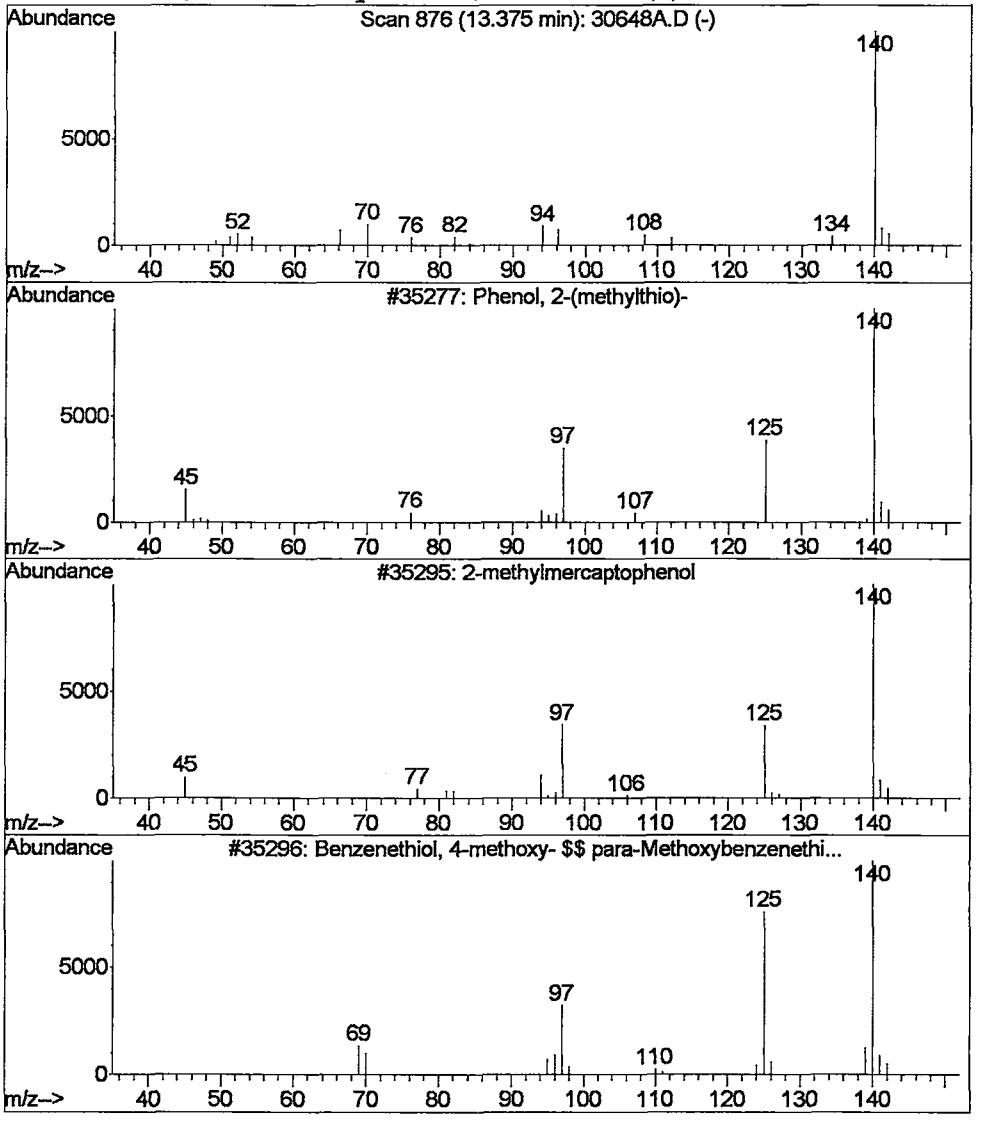
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

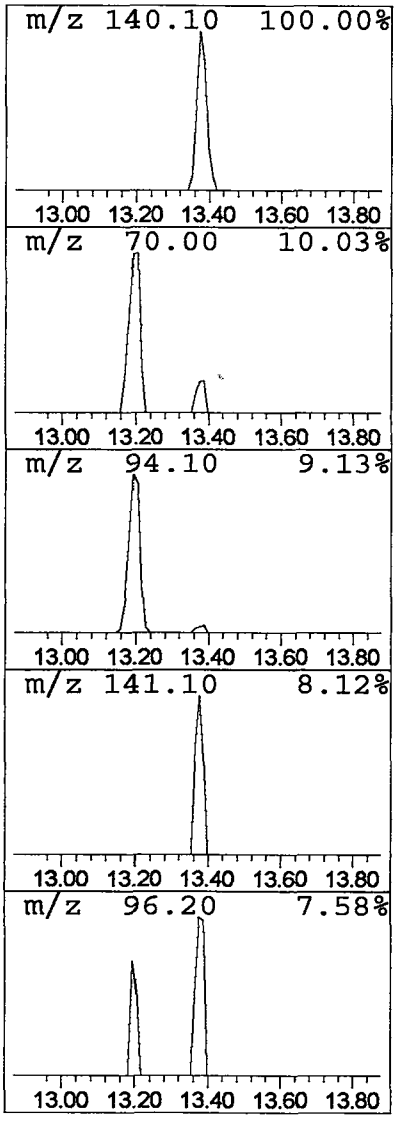
****

Peak Number 9 Phenol, 2-(methylthio)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	0.05 ug/L	57676	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(methylthio)-	140	C7H8OS	001073-29-6	64
2	2-methylmercaptophenol	140	C7H8OS	000000-00-0	59
3	Benzenethiol, 4-methoxy- $$ para...	140	C7H8OS	000696-63-9	59
4	Phenol, 4-(methylthio)- (CAS) $$...	140	C7H8OS	001073-72-9	59





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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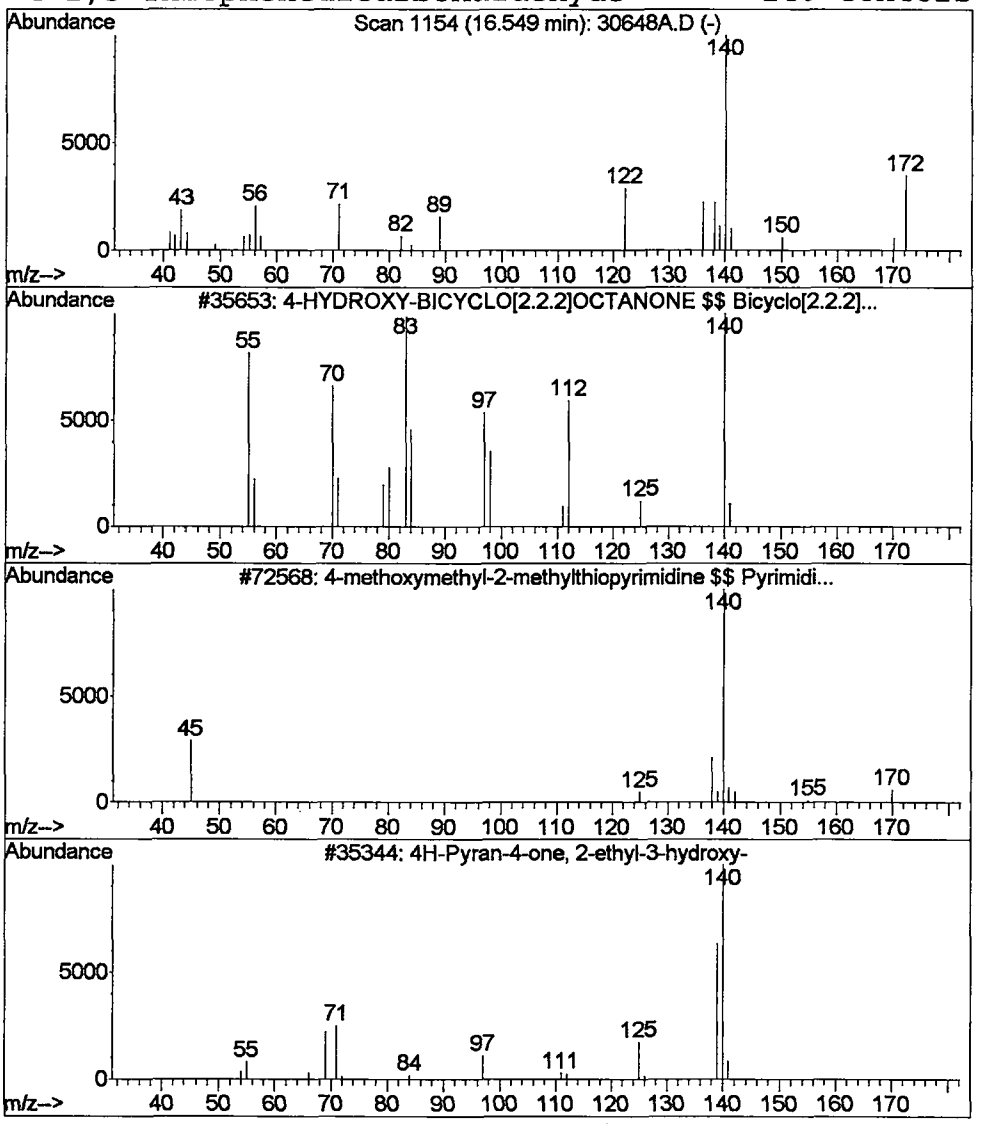
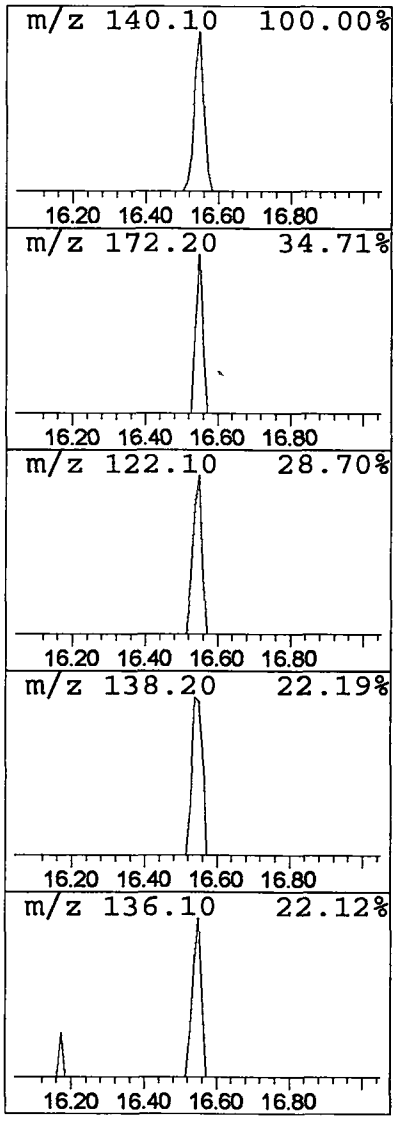
Peak Number 10 4-HYDROXY-BICYCLO[2.2.2]OCT... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	54751	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-HYDROXY-BICYCLO[2.2.2]OCTANONE...	140	C8H12O2	066348-59-2	38
2	4-methoxymethyl-2-methylthiopyri...	170	C7H10N2OS	123061-70-1	37
3	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	32
4	2,5-Thiophenedicarboxaldehyde	140	C6H4O2S	000932-95-6	12





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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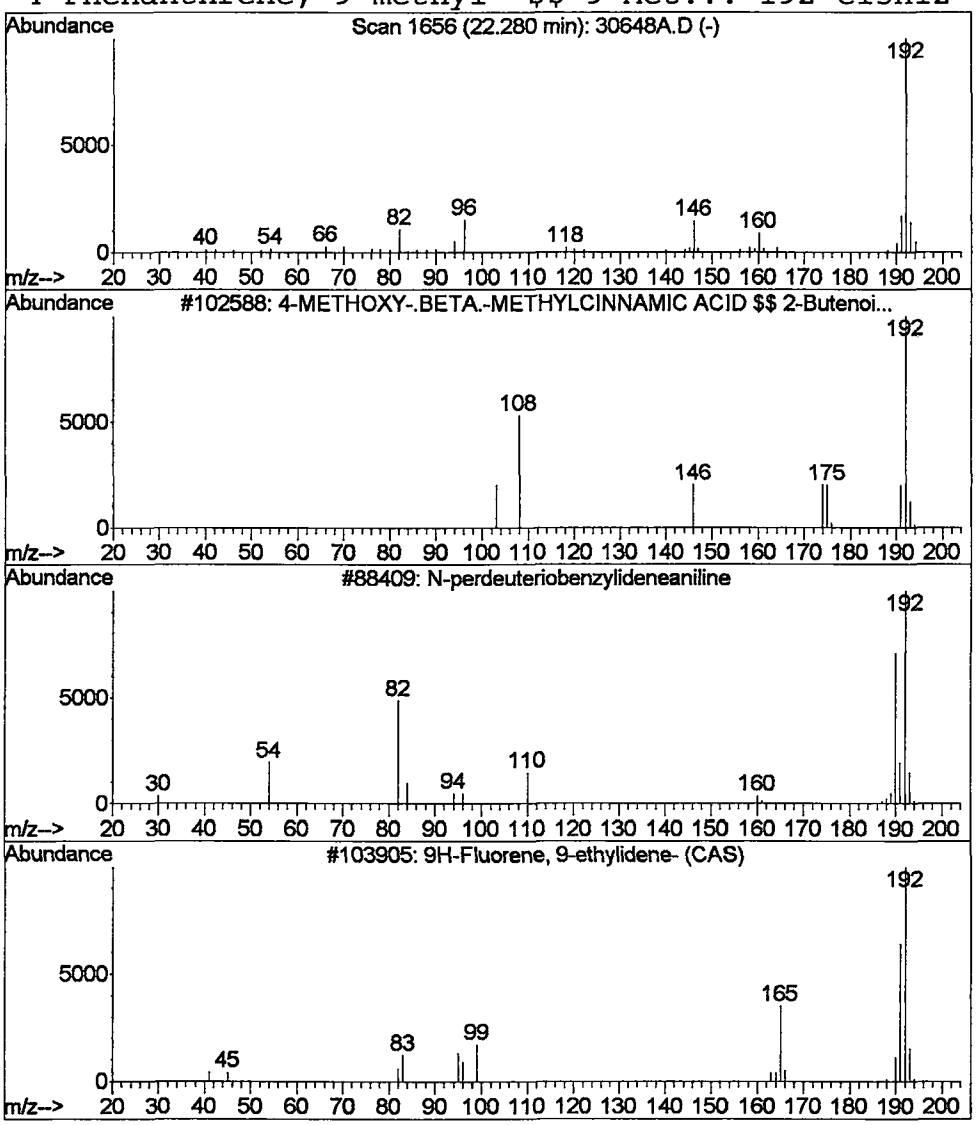
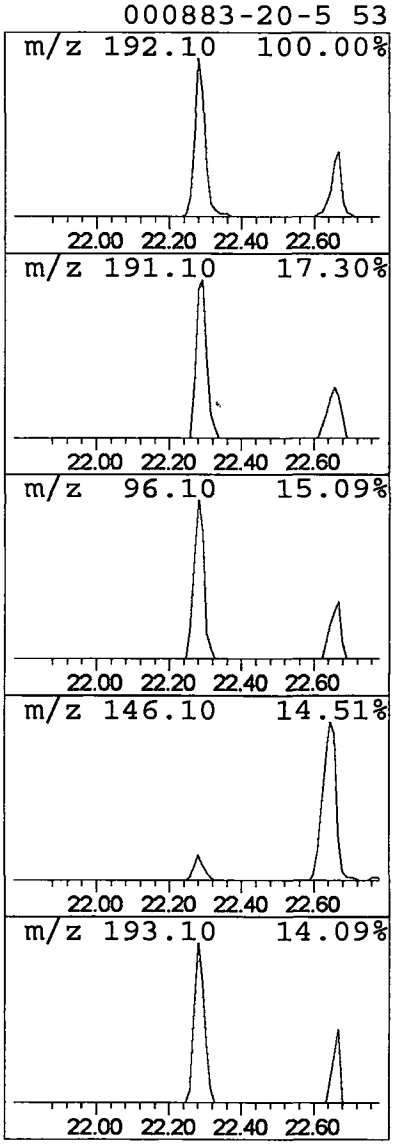
Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.17 ug/L	207156	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	64
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	53
3	9H-Fluorene, 9-ethylidene- (CAS)	192	C15H12	007151-64-6	53
4	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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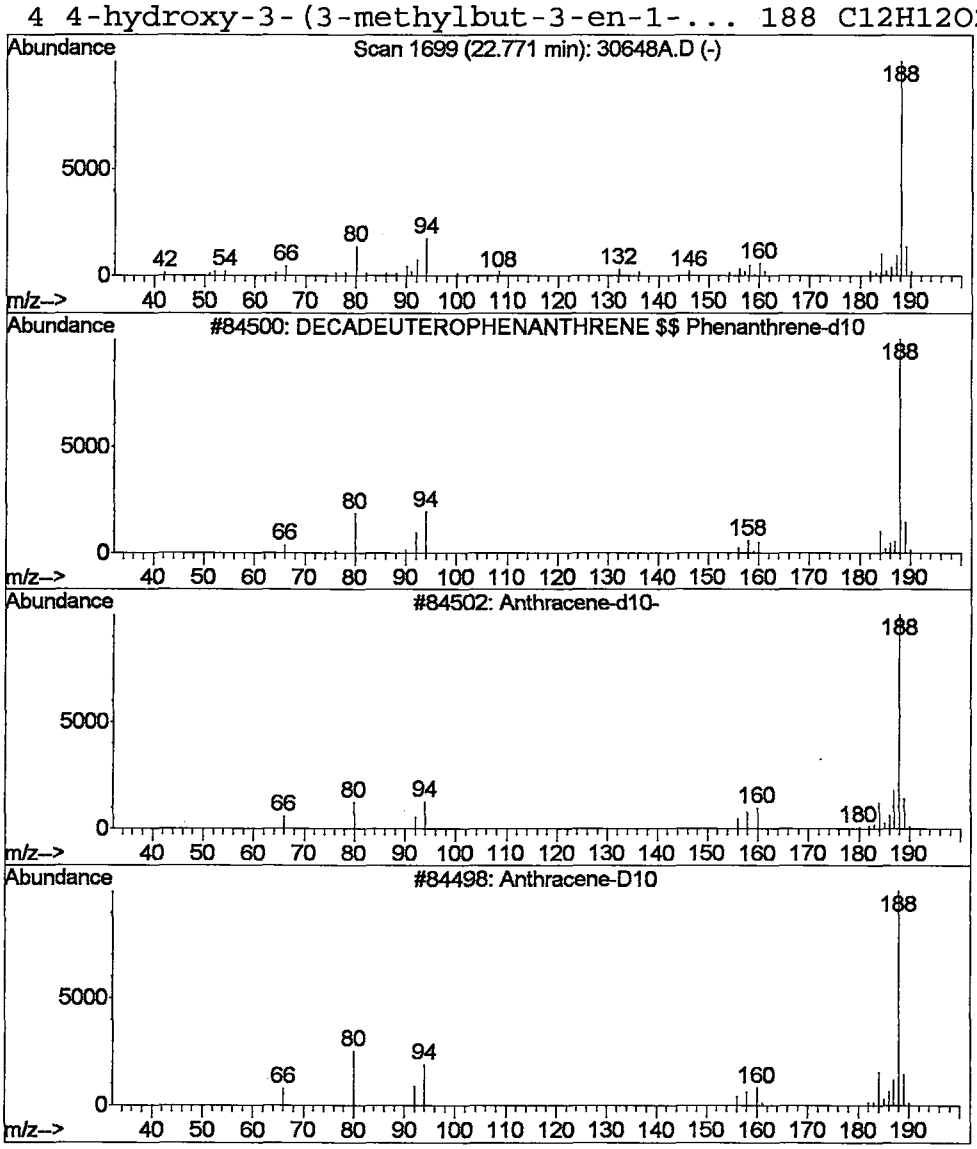
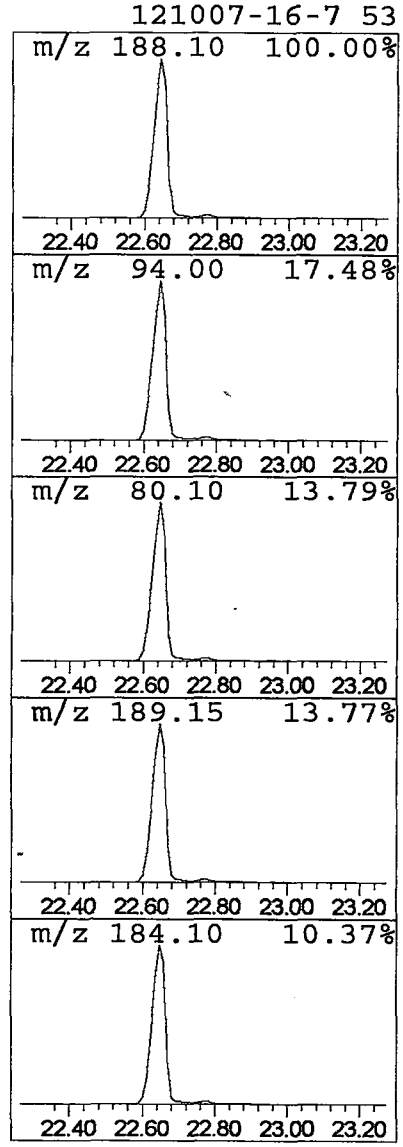
Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.31 ug/L	385447	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	95
2	Anthracene-d10-	188	C14D10	001719-06-8	64
3	Anthracene-D10	188	C14D10	000000-00-0	58
4	4-hydroxy-3-(3-methylbut-3-en-1-...	188	C12H12O2	121007-16-7	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB05\30648A.D Vial: 5
Acq On : 5 Feb 2002 2:03 pm Operator:
Sample : 508 scan; re-ext Inst : Instrumen
Misc : February 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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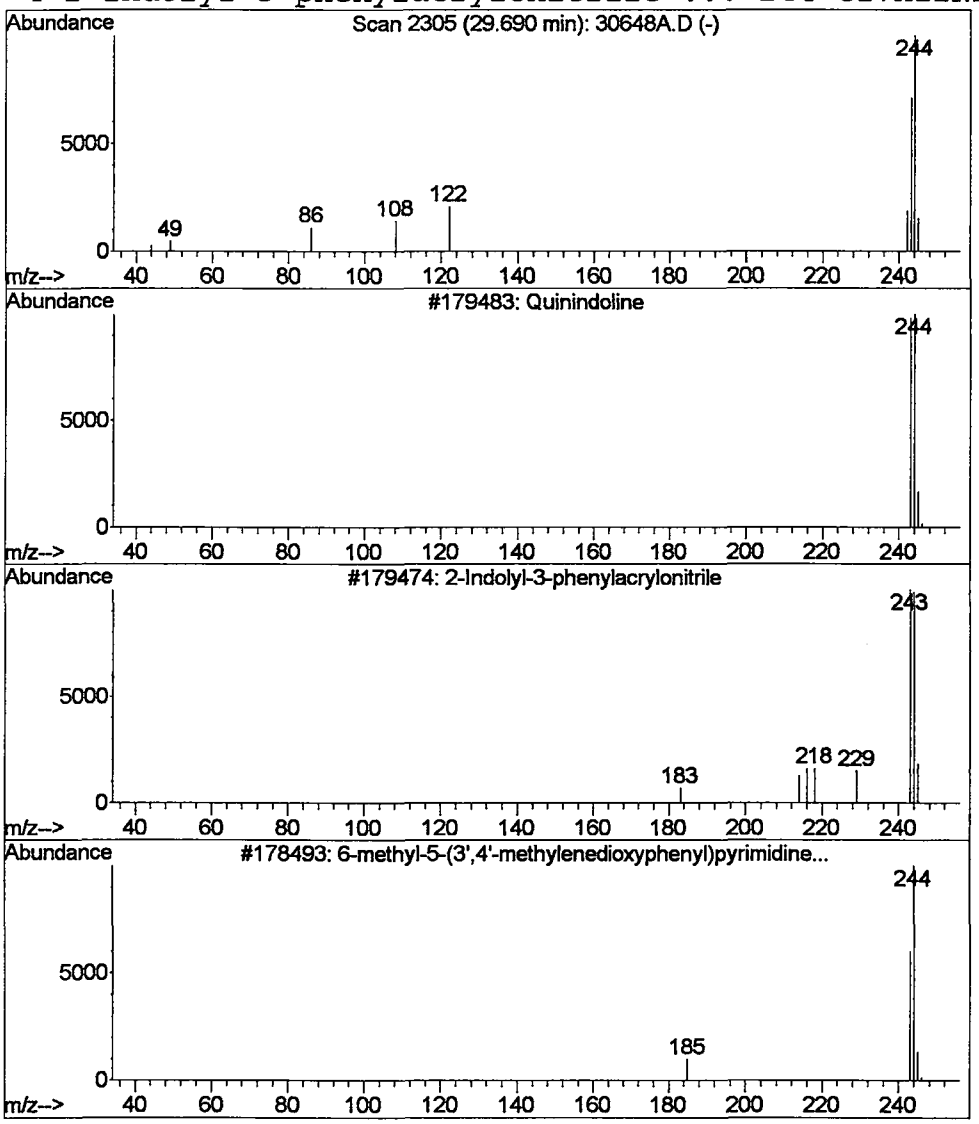
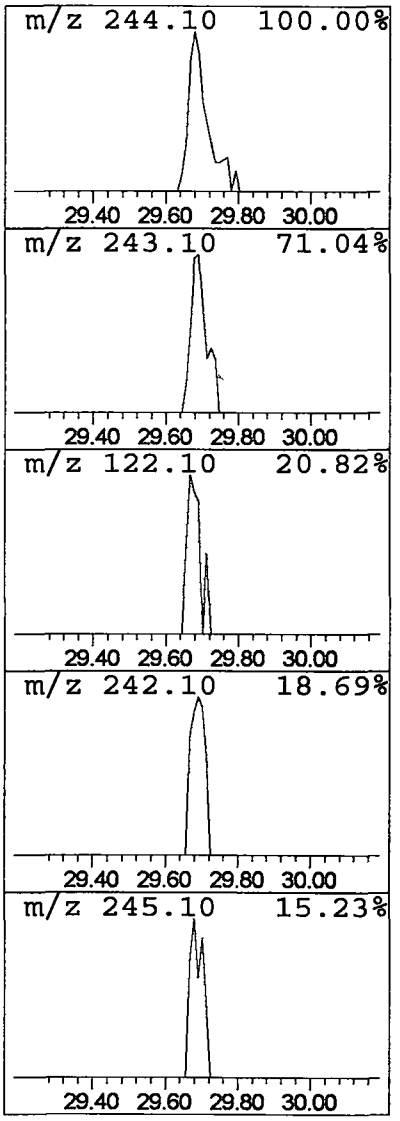
Peak Number 13 Quinindoline Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.69	0.04 ug/L	44325	Chrysene-d12	30.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinindoline	244	C17H12N2	000000-00-0	83
2	2-Indolyl-3-phenylacrylonitrile	244	C17H12N2	000000-00-0	78
3	6-methyl-5-(3',4'-methylenedioxy...	244	C12H12N4O2	000000-00-0	64
4	2-indolyl-3-phenylacrylonitrile ...	244	C17H12N2	113373-57-2	64

NO GOOD MATCH





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Feb 2002 2:03 pm
Data File: C:\MSDCHEM\1\5973N\02FEB05\30648A.D
Name: 508 scan; re-ext
Misc: February 5, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP020702.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.61	0.1	ug/L	99273	1	9.71	15137100	20.0
ISOBUTYRALDEHYDE,...	3.92	0.1	ug/L	53456	1	9.71	15137100	20.0
2,2-dimethoxybutane	4.24	0.5	ug/L	412344	1	9.71	15137100	20.0
Butane, 2-methoxy...	5.92	0.3	ug/L	204490	1	9.71	15137100	20.0
Cyclohexanone	7.19	0.2	ug/L	189149	1	9.71	15137100	20.0
2-Propanol, 1-(2-...	9.54	0.2	ug/L	125234	1	9.71	15137100	20.0
2-Propanol, 1-(2-...	9.63	0.2	ug/L	135838	1	9.71	15137100	20.0
2-Propanol, 1-(2-...	9.84	0.3	ug/L	223199	1	9.71	15137100	20.0
Phenol, 2-(methyl...	13.37	0.1	ug/L	57676	2	13.20	21607600	20.0
4-HYDROXY-BICYCLO...	16.55	0.0	ug/L	54751	3	18.34	23384100	20.0
4-METHOXY-.BETA.-...	22.28	0.2	ug/L	207156	4	22.65	24663500	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	385447	4	22.65	24663500	20.0
Quinindoline	29.69	0.0	ug/L	44325	5	30.51	23048500	20.0

NYC-WTC_000004933