User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:27:20

Sample: AE06451
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/19/02 14:26 Ended: 4/19/02 14:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Comments for Sample AE06451 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-19-2002 Time: 14:27:44

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\6451.D Vial: 9
Acq On : 17 Apr 2002 4:03 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:00 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	483356	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1733569	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	965750	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1357837	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	736187	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	453829	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD	30.66	235	81916	5.18	ug/mL	0.16
Spiked Amount 5.000			Recovery = 103.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.53	74	175	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.90	128	244	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.40	165	264	N.D.		
25) Diethylphthalate	22.62	149	976	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

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Last Update : Wed Apr 17 11:48:30 2002
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DataAcq Meth : GCMS0412

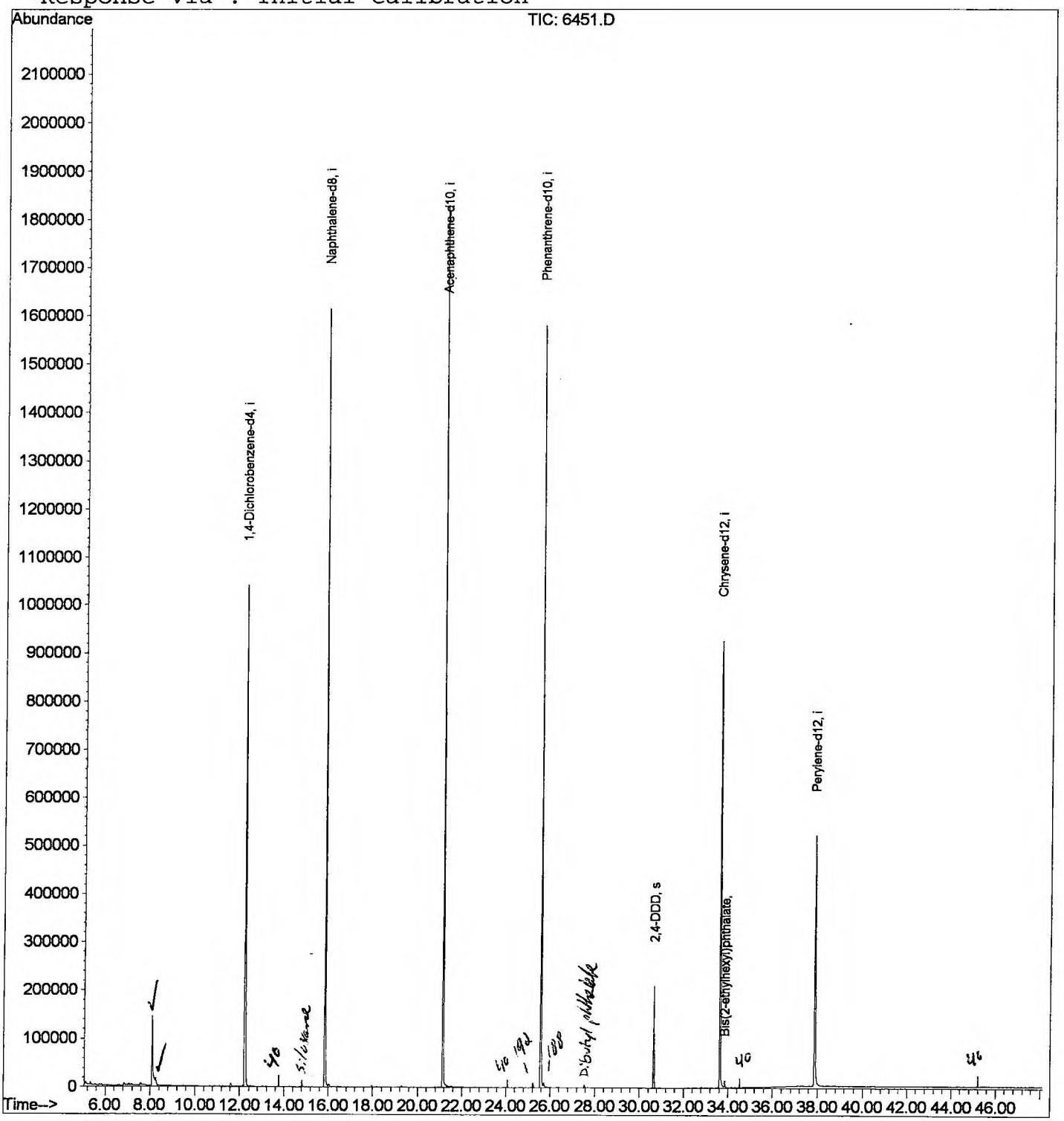
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.64	178	192	N.D.	
35) Anthracene	25.58	178	484	N.D.	
36) Di-n-butylphthalate	27.56	149	8433	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	32.08	149	280	N.D.	
42) Benzo(a)anthracene	33.64	228	1661	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	7244	0.39 ug/l	93
44) Chrysene	33.64	228	1661	N.D.	
46) Di-n-Octylphthalate	35.60	149	116	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.87	252	1730	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1702\6451.D Vial: 9
Acq On : 17 Apr 2002 4:03 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:00 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1702\6451.D Vial: 9
Acq On : 17 Apr 2002 4:03 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Signal : TIC

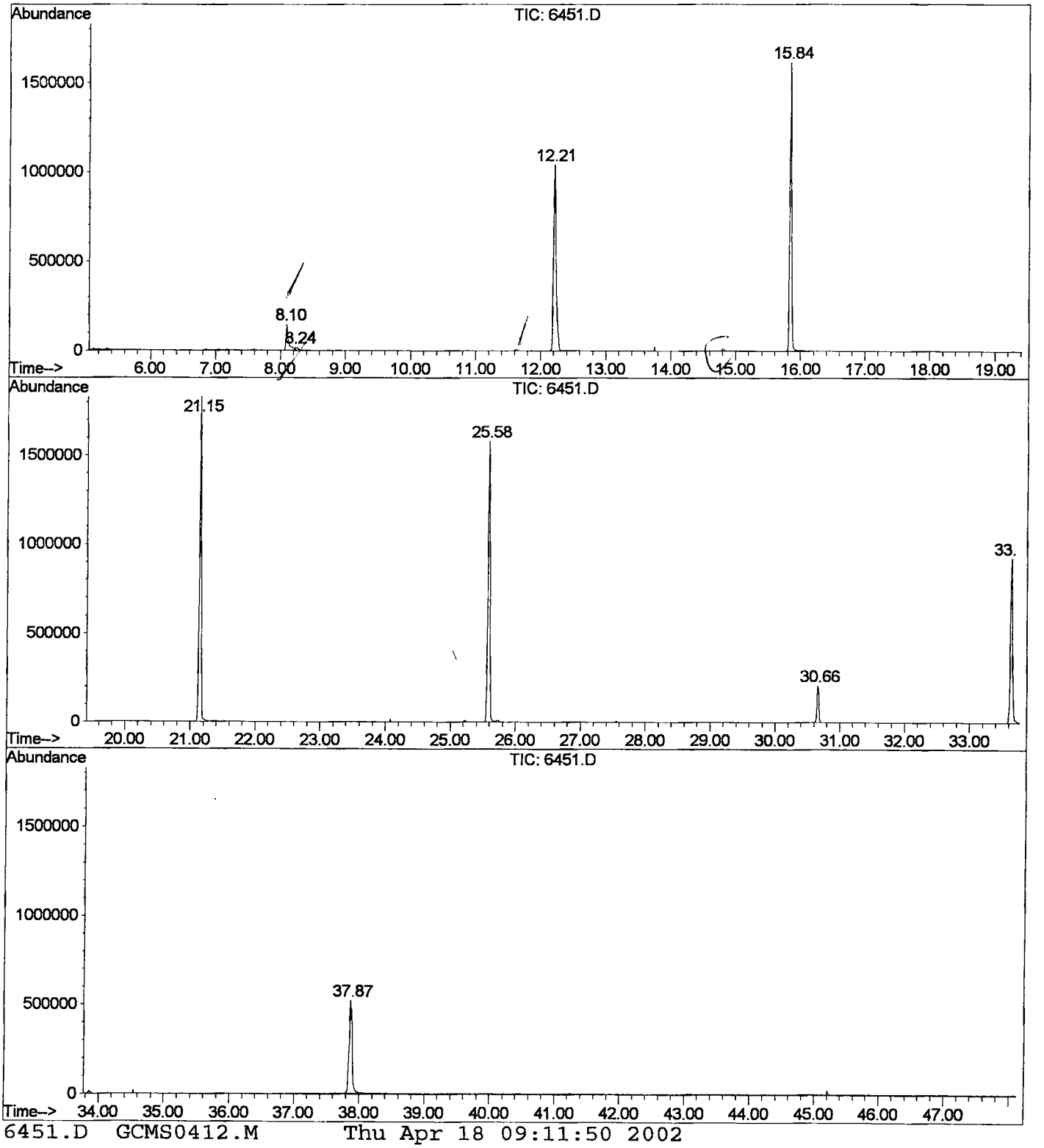
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.096	328	332	345	rBV	144385	370006	10.08%	2.133%
2	8.243	346	348	359	rVB	15856	46463	1.27%	0.268%
3	12.209	775	780	795	rVB	1038806	2569227	70.03%	14.809%
4	15.845	1170	1176	1193	rBV	1614103	3248070	88.53%	18.722%
5	21.151	1747	1754	1774	rBV	1828742	3668967	100.00%	21.148%
6	25.585	2231	2237	2248	rBV2	1580436	3389497	92.38%	19.537%
7	30.662	2785	2790	2795	rBV	209696	401805	10.95%	2.316%
8	33.645	3108	3115	3134	rBV	925692	2126519	57.96%	12.257%
9	37.868	3567	3575	3599	rBV2	518106	1528401	41.66%	8.810%

Sum of corrected areas: 17348955

6451.D GCMS0412.M Thu Apr 18 09:11:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\6451.D
Operator :
Acquired : 17 Apr 2002 4:03 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/19
Misc Info :
Vial Number: 9
Quant File :GCMS0412.RES (RTE Integrator)



6451.D GCMS0412.M Thu Apr 18 09:11:50 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6451.D Vial: 9
Acq On : 17 Apr 2002 4:03 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

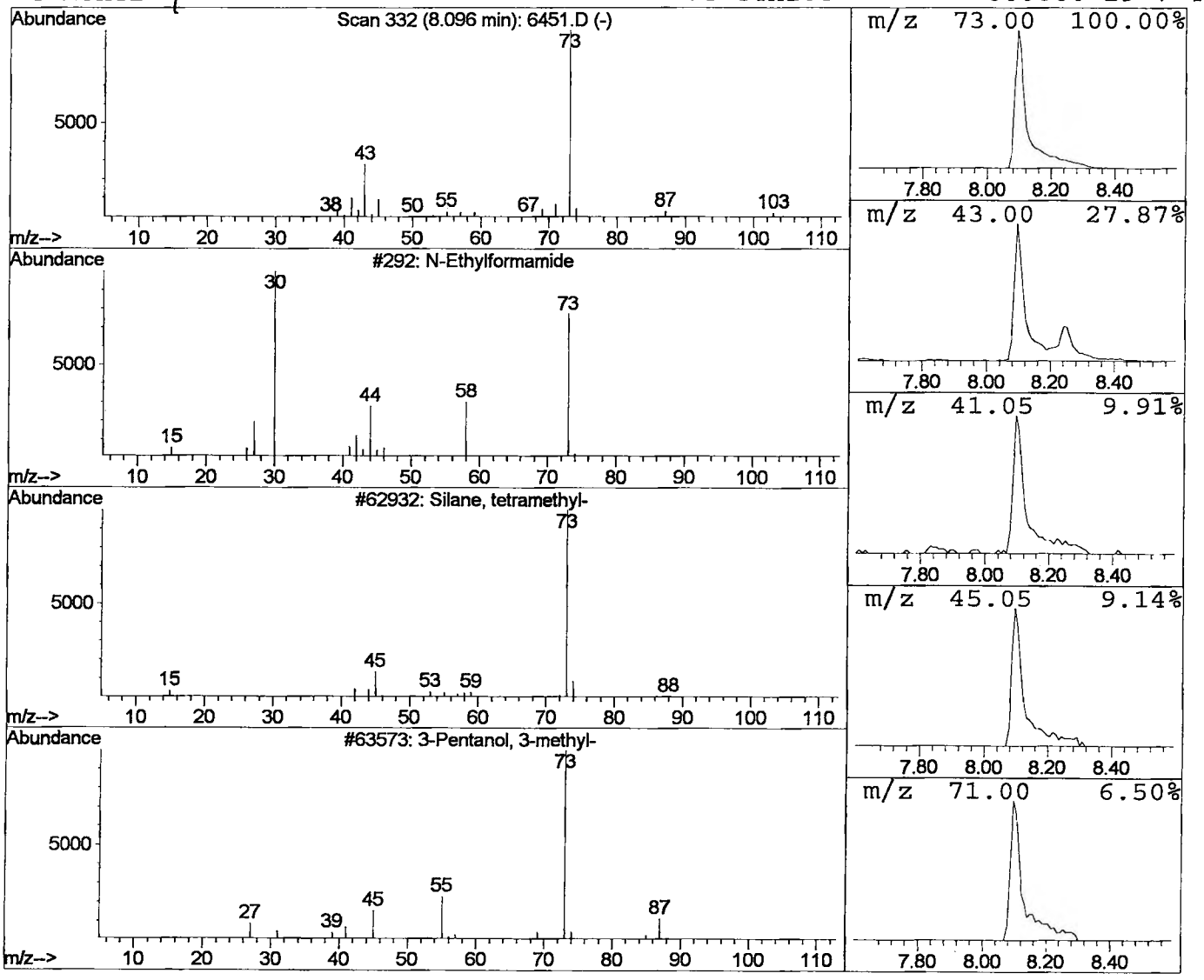
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	2.88 ug/l	370006	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Ether	74	C4H10O	000060-29-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6451.D Vial: 9
Acq On : 17 Apr 2002 4:03 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

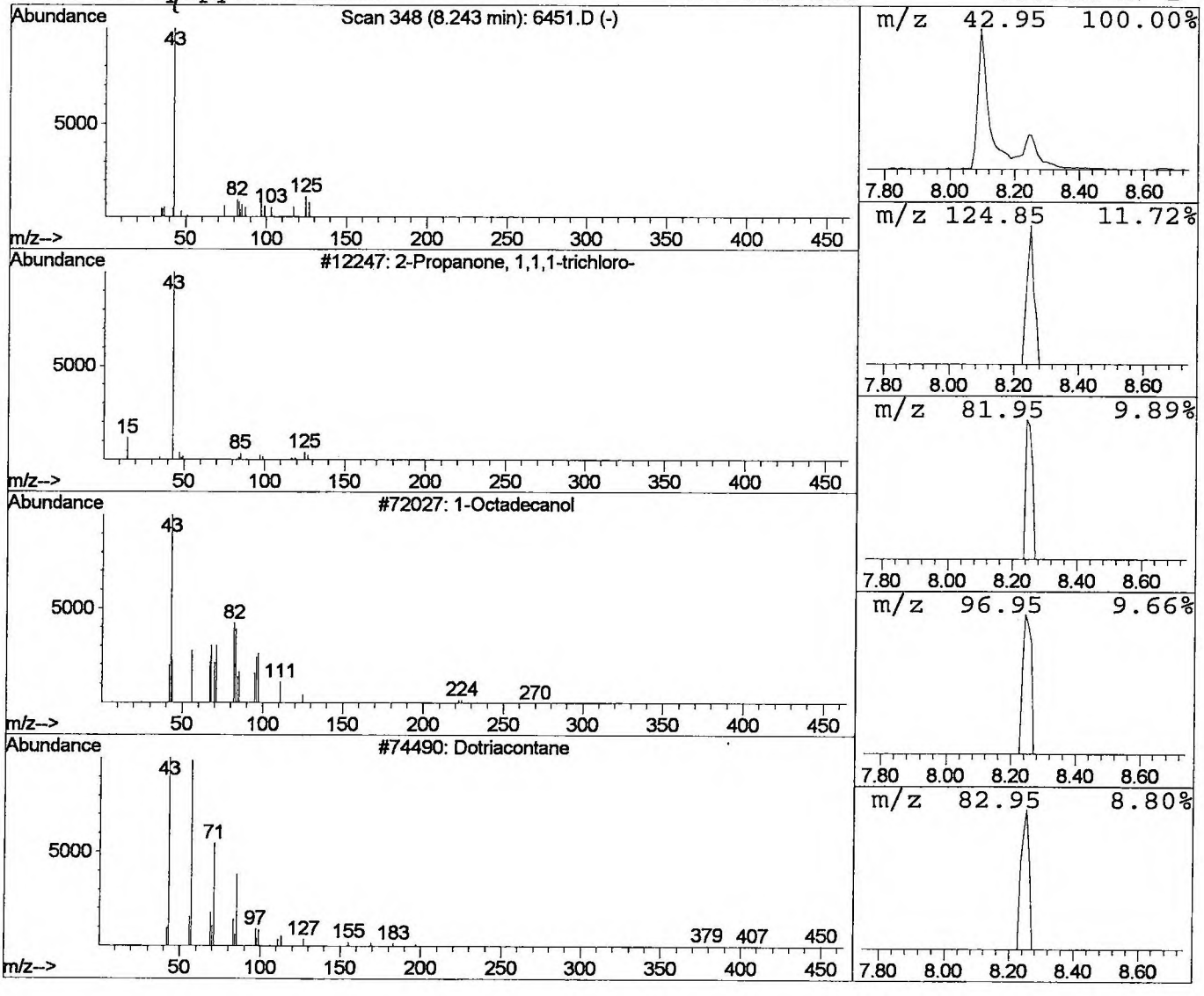
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.36 ug/l	46463	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	33
2	1-Octadecanol	270	C18H38O	000112-92-5	9
3	Dotriacontane	451	C32H66	000544-85-4	9
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 17 Apr 2002 4:03 pm
Data File: C:\HPCHEM\1\DATA\APR1702\6451.D
Name: gc/ms scan 3/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
N-Ethylformamide	8.10	2.9	ug/l	370006	ISTD01	12.21	2569230	20.0
2-Propanone, 1,1,1-t	8.24	0.4	ug/l	46463	ISTD01	12.21	2569230	20.0

6451.D GCMS0412.M Thu Apr 18 09:11:52 2002