User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 18:27:52

Sample: AE03181
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/22/02 18:27 Ended: 3/22/02 18:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments for Sample AE03181 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-22-2002 Time: 18:28:08

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the LCS Standard compounds were high. New control limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\3181.D Vial: 13
Acq On : 19 Mar 2002 12:00 pm Operator: McLean
Sample : GC/MS SCAN 3/6 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:37:52 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1155921	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3239152	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1817036	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2714630	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2481019	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1370944	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	212230	6.55	ug/L	0.00
Spiked Amount 5.000			Recovery = 131.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. d		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	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-Chloropr	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) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	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	18.13	165	235123	11.16	ug/L #	25
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	24.65	149	35739	0.25	ug/L	90
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo (a) antracene	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D.		
43) Chrysene	30.30	228	5165	0.04	ug/L	52
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\3181.D Vial: 13
Acq On : 19 Mar 2002 12:00 pm Operator: McLean
Sample : GC/MS SCAN 3/6 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:37:52 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

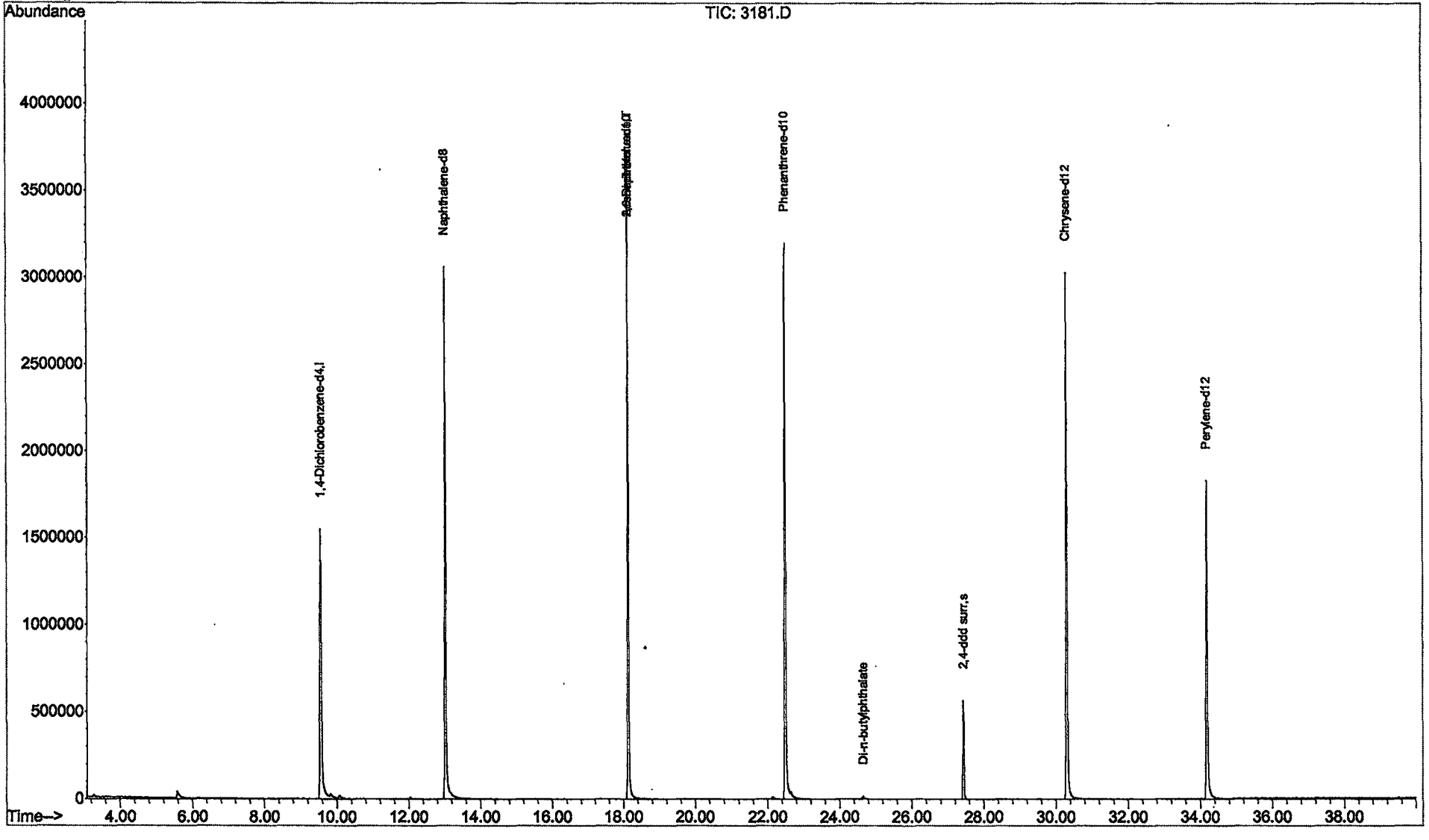
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
3181.D 5080302.M Tue Mar 19 21:38:48 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\3181.D Vial: 13
Acq On : 19 Mar 2002 12:00 pm Operator: McLean
Sample : GC/MS SCAN 3/6 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:38 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031802\3181.D Vial: 13
Acq On : 19 Mar 2002 12:00 pm Operator: McLean
Sample : GC/MS SCAN 3/6 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
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

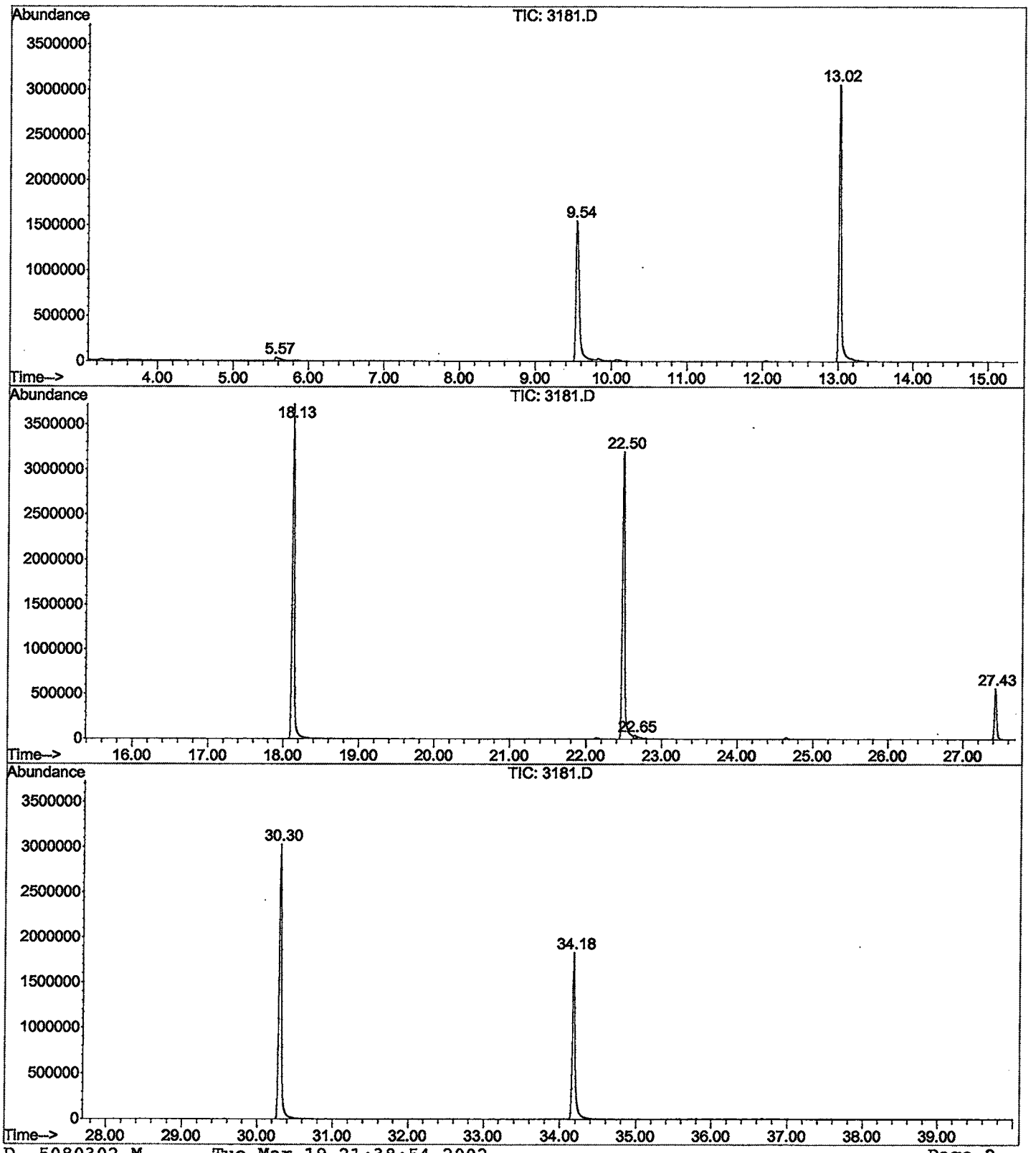
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.570	272	275	292	rBV	35678	147924	1.97%	0.373%
2	9.543	709	713	736	rBV	1547382	4811045	64.22%	12.136%
3	13.017	1091	1096	1119	rBV	3058999	6880046	91.84%	17.354%
4	18.133	1654	1660	1686	rBV	3722727	7491270	100.00%	18.896%
5	22.495	2134	2141	2155	rBV2	3196653	7450731	99.46%	18.794%
6	22.650	2155	2158	2165	rVB3	28079	85358	1.14%	0.215%
7	27.430	2680	2685	2699	rBB	566223	1124818	15.02%	2.837%
8	30.305	2995	3002	3018	rBV2	3028193	7140858	95.32%	18.012%
9	34.178	3423	3429	3452	rBV2	1829327	4512204	60.23%	11.382%

Sum of corrected areas: 39644254

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031802\3181.D
Operator : McLean
Acquired : 19 Mar 2002 12:00 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: GC/MS SCAN 3/6
Misc Info :
Vial Number: 13
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031802\3181.D
Acq On : 19 Mar 2002 12:00 pm
Sample : GC/MS SCAN 3/6
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

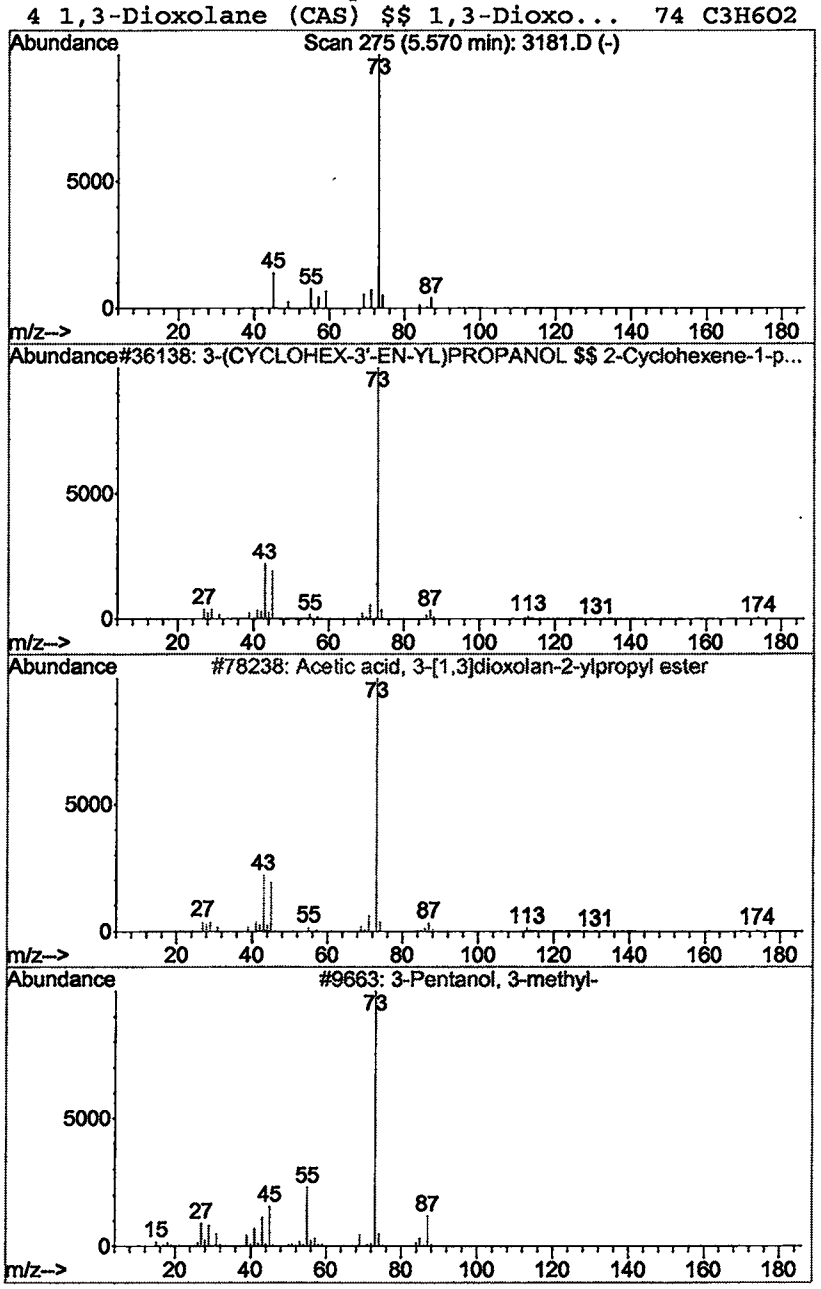
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

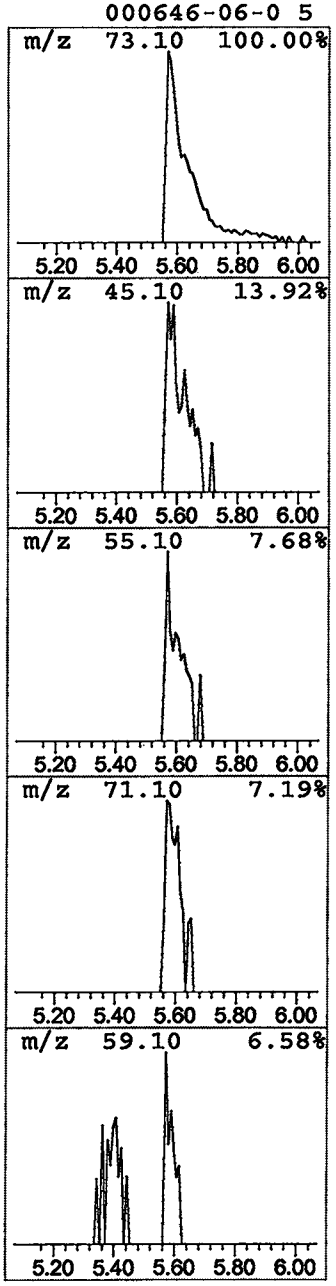
****

Peak Number 1 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	0.61 ug/L	147924	1,4-Dichlorobenzene-d4	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	9
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	1,3-Dioxolane (CAS) $$ 1,3-Dioxo...	74	C3H6O2	000646-06-0	5





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 19 Mar 2002 12:00 pm
Data File: C:\MSDCHEM\1\DATA\031802\3181.D
Name: GC/MS SCAN 3/6
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
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
3-(CYCLOHEX-3'-EN...	5.57	0.6	ug/L	147924	1	9.54	4811050	20.0