User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 10:19:33

Sample: AE04037
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 10:15 Ended: 3/29/02 10:15 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		5.0

Comments for Sample AE04037 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 10:19:51

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance limits. New limits will be calculated.

Data File : C:\HPCHEM\1\DATA\MAR2202\4037.D Vial: 45
Acq On : 24 Mar 2002 1:31 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:34 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	403759	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1594461	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	899711	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1348876	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	911280	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	554557	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	81932	~~8.36~~ 5.00	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~167.20%~~ 100		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	15.96	128	422	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	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenylether	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.		

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

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Quant Time: Mar 26 10:34 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.67	178	387	N.D.	
34)	Anthracene	25.67	178	387	N.D.	
35)	Di-n-butylphthalate	27.62	149	23929	0.33 ug/l	99
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	209	N.D.	
41)	Benzo(a)anthracene	33.72	228	2109	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	51680	1.42 ug/l	91
43)	Chrysene	33.72	228	2217	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.97	252	2235	N.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

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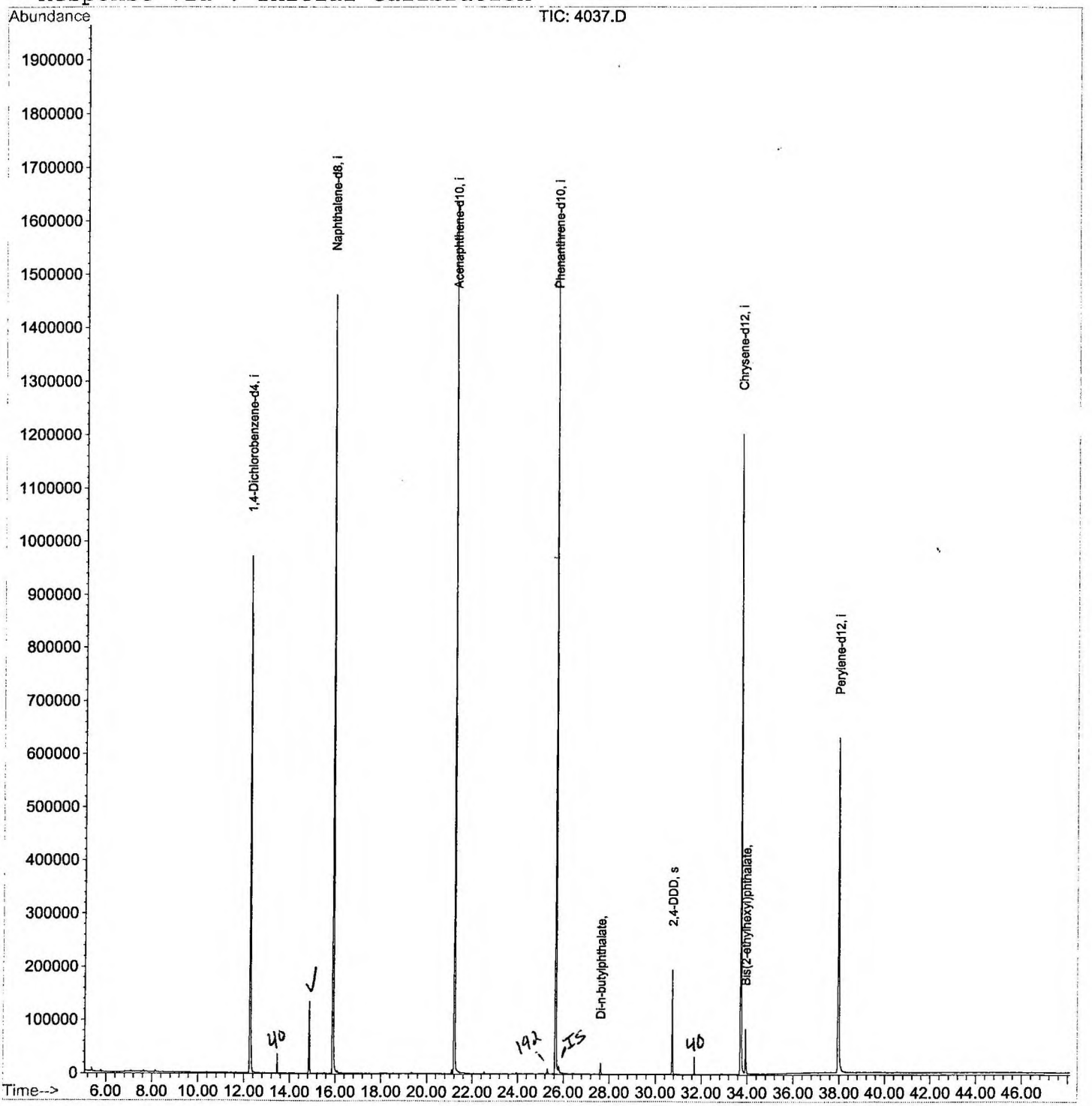
Acq On : 24 Mar 2002 1:31 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:34 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\MAR2202\4037.D Vial: 45
Acq On : 24 Mar 2002 1:31 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

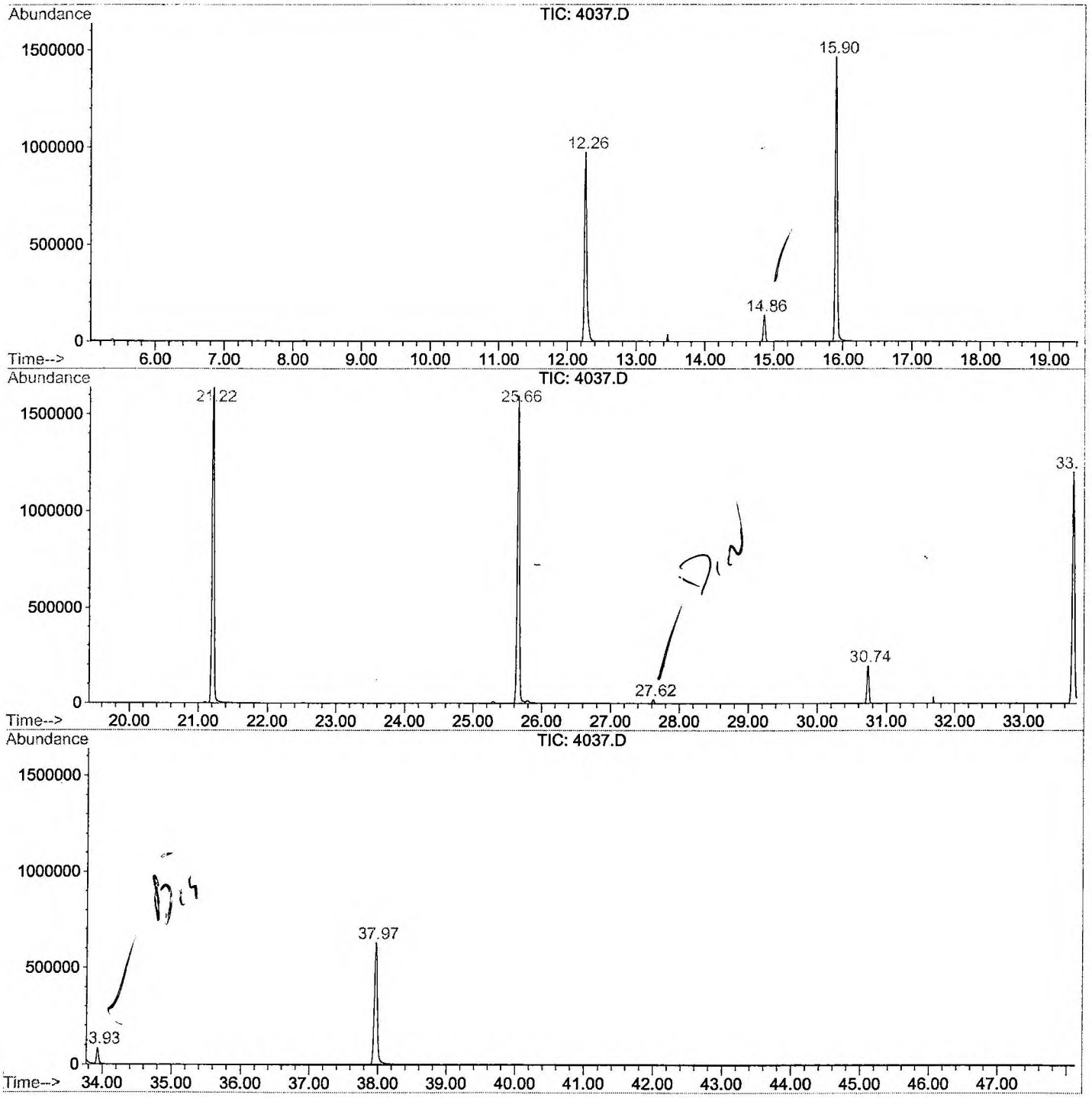
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.264	780	786	802	rBV	971572	2211471	64.23%	12.678%
2	14.862	1064	1069	1076	rVB	134779	254640	7.40%	1.460%
3	15.900	1176	1182	1200	rBV	1461900	3011136	87.46%	17.262%
4	21.215	1754	1761	1779	rBV	1636518	3442816	100.00%	19.737%
5	25.658	2238	2245	2256	rBV	1592045	3365346	97.75%	19.293%
6	27.623	2455	2459	2467	rVB	20636	37680	1.09%	0.216%
7	30.735	2793	2798	2803	rBV	195652	395723	11.49%	2.269%
8	33.719	3116	3123	3139	rBV2	1201096	2643439	76.78%	15.154%
9	33.930	3141	3146	3153	rVB	81828	172577	5.01%	0.989%
10	37.969	3577	3586	3607	rBV2	627620	1908918	55.45%	10.943%

Sum of corrected areas: 17443746

4037.D GCMS0308.M Tue Mar 26 10:49:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4037.D
Operator :
Acquired : 24 Mar 2002 1:31 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 45
Quant File :GCMS0308.RES (RTE Integrator)



4037.D GCMS0308.M Tue Mar 26 10:50:04 2002

Data File : C:\HPCHEM\1\DATA\MAR2202\4037.D Vial: 45
Acq On : 24 Mar 2002 1:31 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

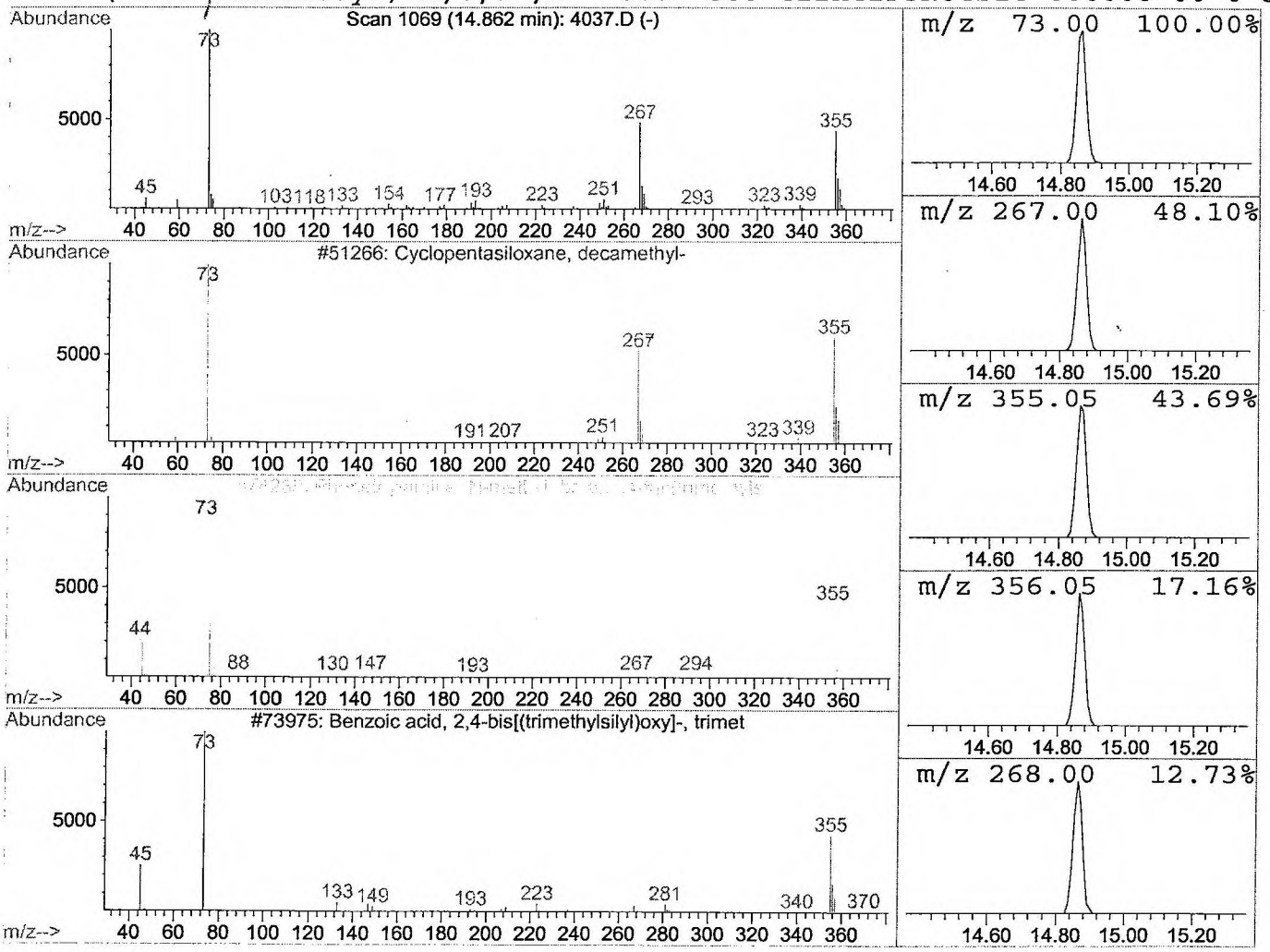
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.69 ug/l	254640	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Mar 2002 1:31 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4037.D
Name: gc/ms scan 2/25
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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
Cyclopentasiloxane,	14.86	1.7	ug/l	254640	ISTD02	15.90	3011140	20.0

4037.D GCMS0308.M Tue Mar 26 10:50:13 2002