User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 10:05:25

Sample: AE04035
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 10:05 Ended: 3/29/02 10:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		101		5.0

Comments for Sample AE04035 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 10:05:48

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.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:26 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	12.27	152	419368	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1676781	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	928544	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1400198	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	892120	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	530126	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	82911	~~8.15~~ 5.05	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~163.00%~~ 101		
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	764	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	21.47	165	284	N.D.		
25) Diethylphthalate	22.69	149	2395	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

Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:26 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

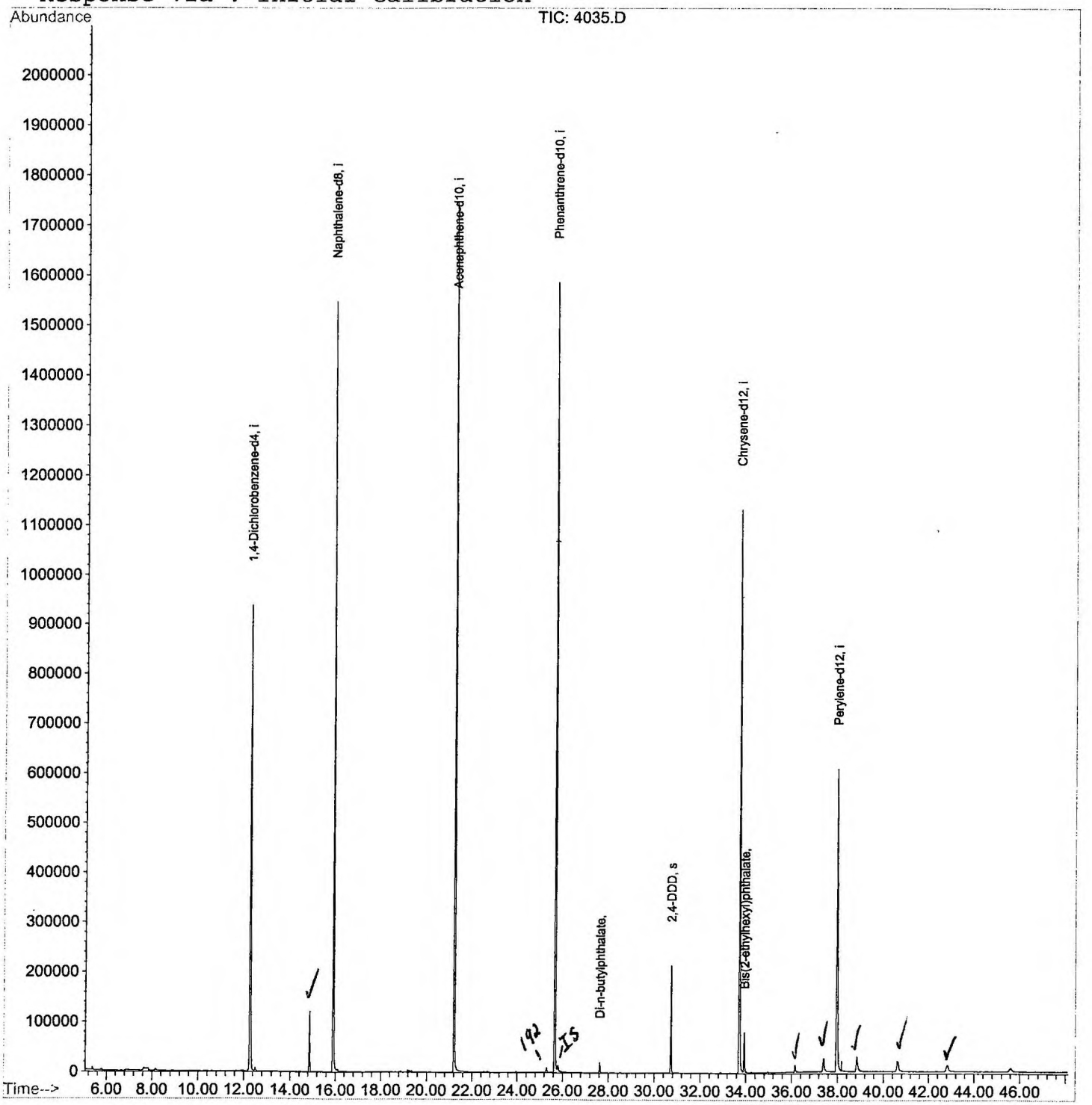
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.72	178	223	N.D.	
34) Anthracene	25.72	178	222	N.D.	
35) Di-n-butylphthalate	27.63	149	24977	0.33 ug/l #	97
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)anthracene	33.71	228	2088	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.93	149	53858	1.51 ug/l #	95
43) Chrysene	33.71	228	2088	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	2187	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:26 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am 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

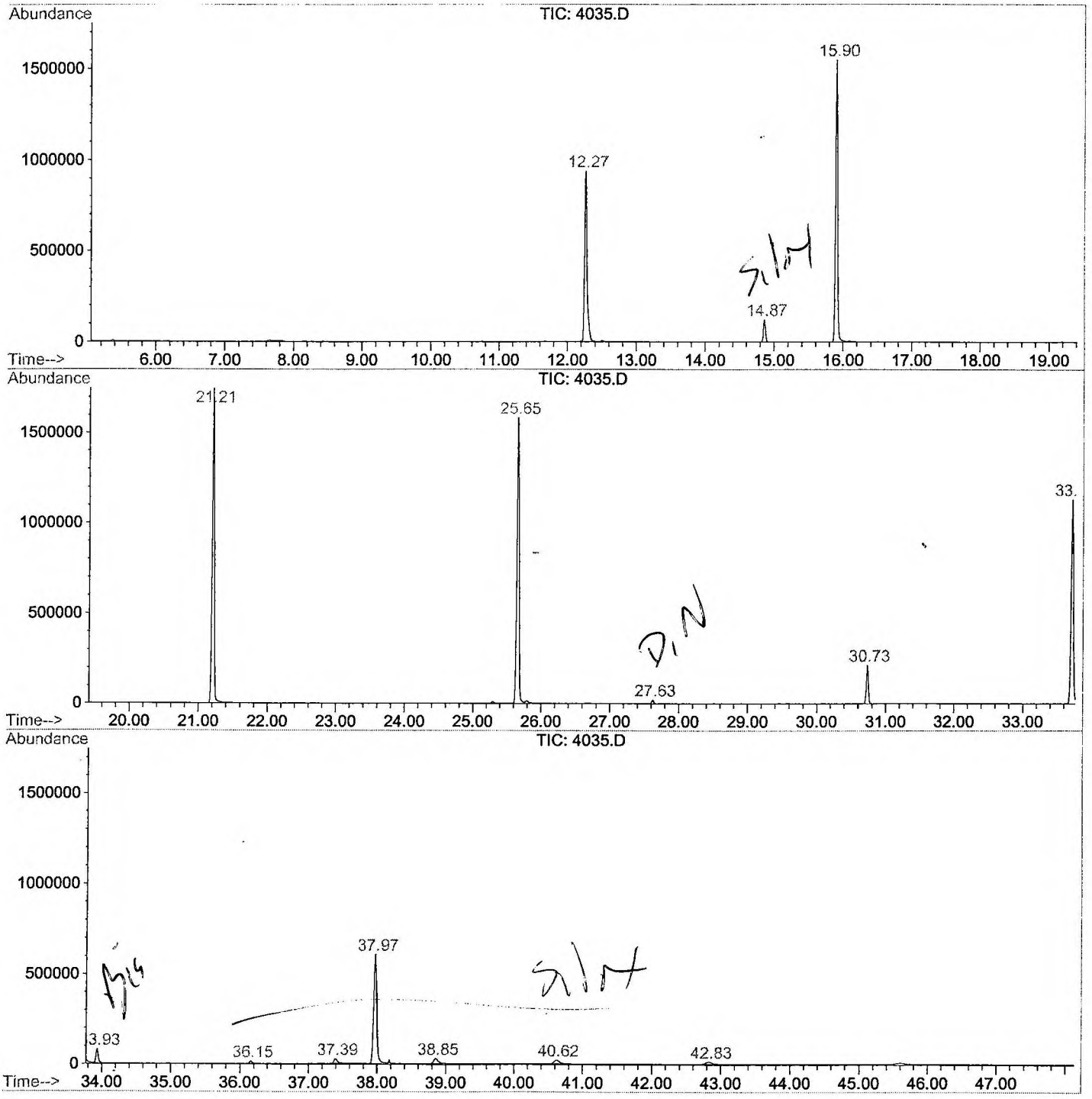
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	781	787	805	rVB	936532	2288742	63.96%	12.511%
2	14.865	1064	1070	1075	rVB	120893	236936	6.62%	1.295%
3	15.902	1177	1183	1198	rBV	1545878	3150435	88.05%	17.221%
4	21.209	1755	1761	1779	rBV	1746875	3578208	100.00%	19.560%
5	25.652	2239	2245	2256	rBV2	1585079	3519947	98.37%	19.241%
6	27.626	2454	2460	2467	rBV	20829	40499	1.13%	0.221%
7	30.729	2793	2798	2807	rBV	215075	411404	11.50%	2.249%
8	33.721	3117	3124	3142	rBV2	1131886	2610029	72.94%	14.267%
9	33.933	3142	3147	3155	rVB	79607	177076	4.95%	0.968%
10	36.154	3384	3389	3396	rBV	14312	39098	1.09%	0.214%
11	37.393	3518	3524	3537	rBV	26430	94277	2.63%	0.515%
12	37.972	3578	3587	3604	rBV	607215	1825756	51.02%	9.980%
13	38.853	3675	3683	3694	rBV2	29145	129004	3.61%	0.705%
14	40.616	3867	3875	3889	rBV4	20024	106667	2.98%	0.583%
15	42.828	4104	4116	4133	rBV6	13239	85599	2.39%	0.468%

Sum of corrected areas: 18293677

4035.D GCMS0308.M Tue Mar 26 10:48:00 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4035.D
Operator :
Acquired : 24 Mar 2002 9:33 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 41
Quant File :GCMS0308.RES (RTE Integrator)



4035.D GCMS0308.M Tue Mar 26 10:48:05 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

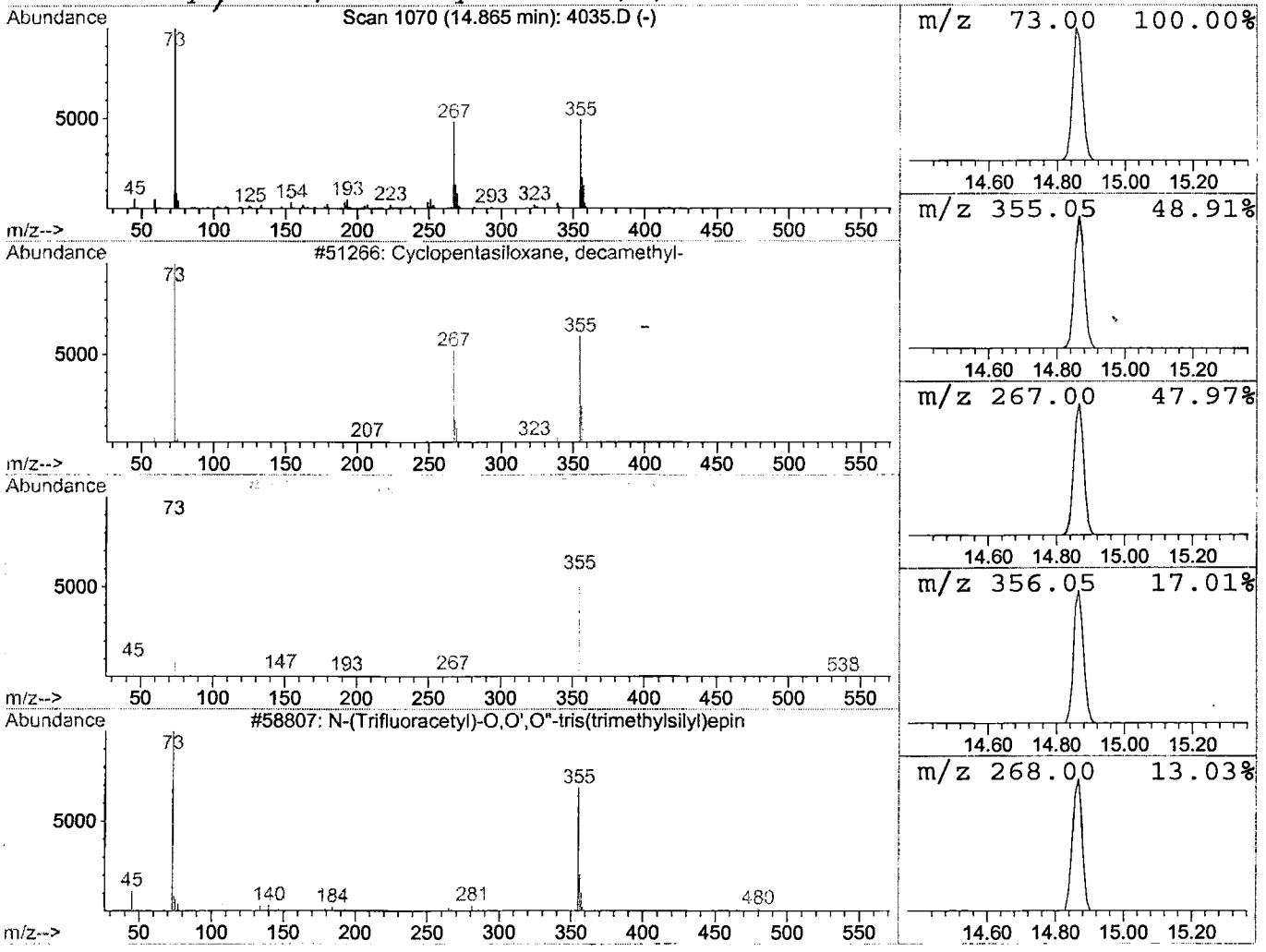
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	1.50 ug/l	236936	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
3	N-(Trifluoroacetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	37
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

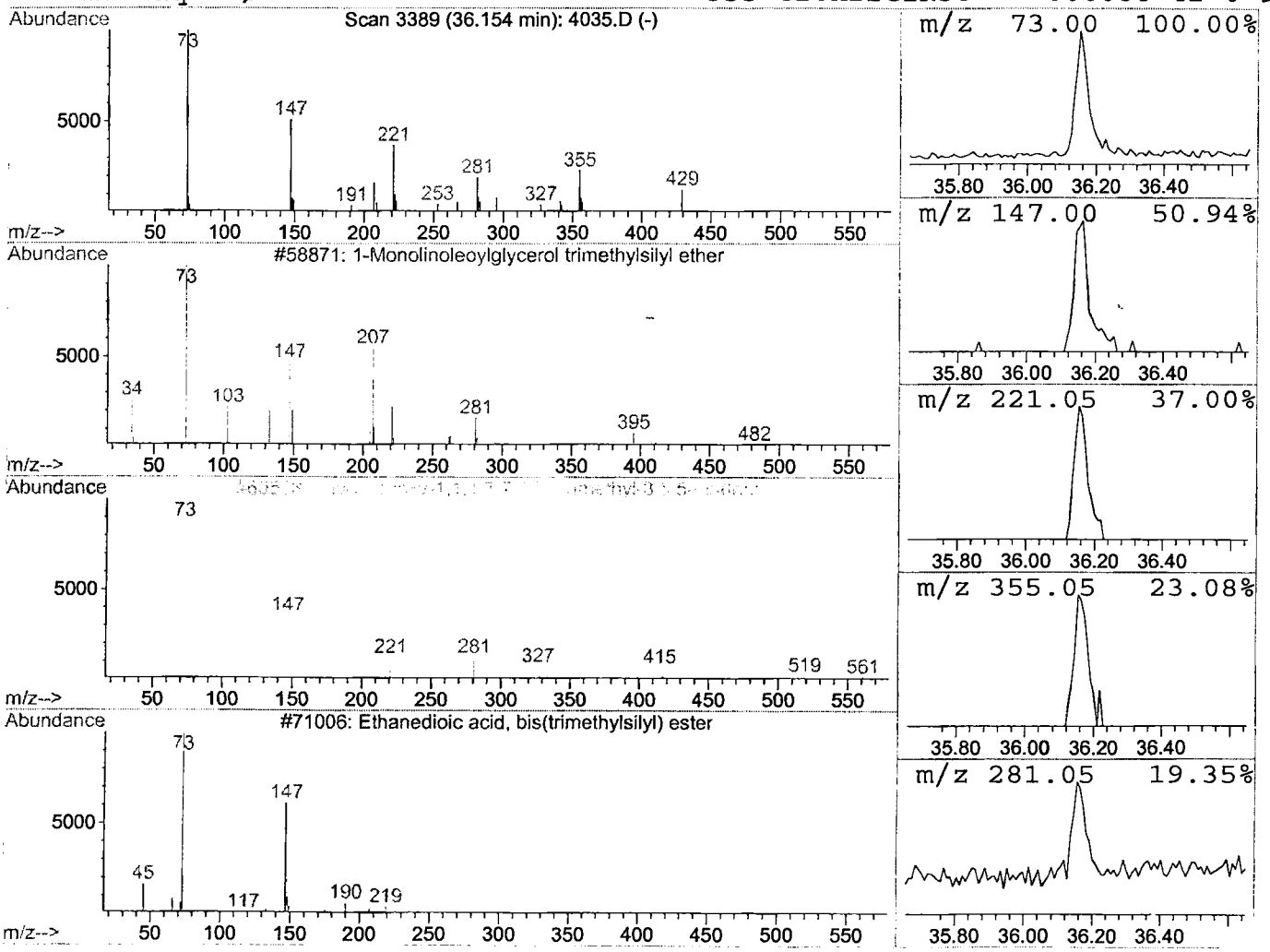
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Monolinoleoylglycerol trimet Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.15	0.43 ug/l	39098	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	42
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	10
4	Amodiaquine	355	C20H22ClN3O	000086-42-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

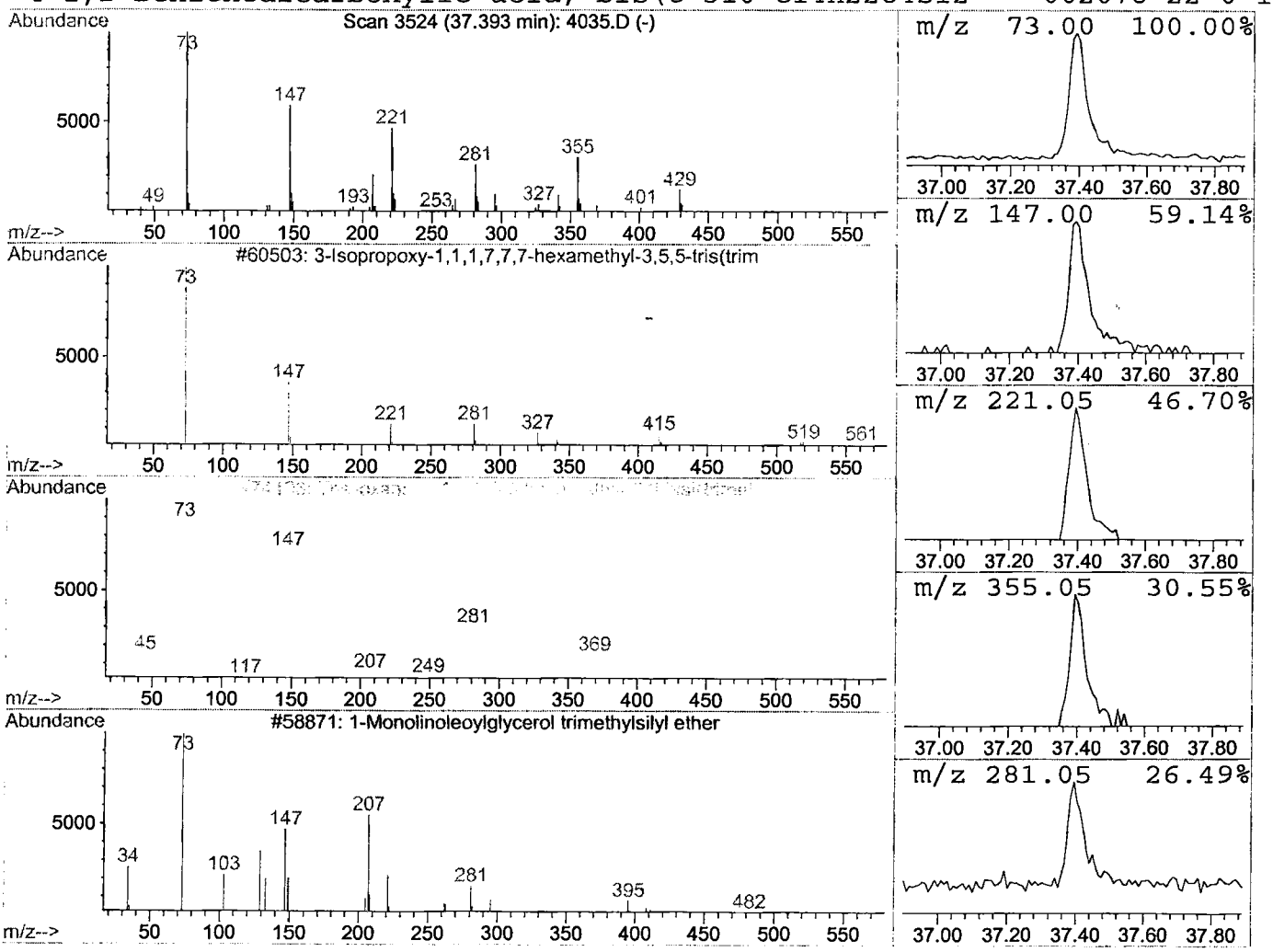
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.39	1.03 ug/l	94277	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
3	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	20
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	14



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

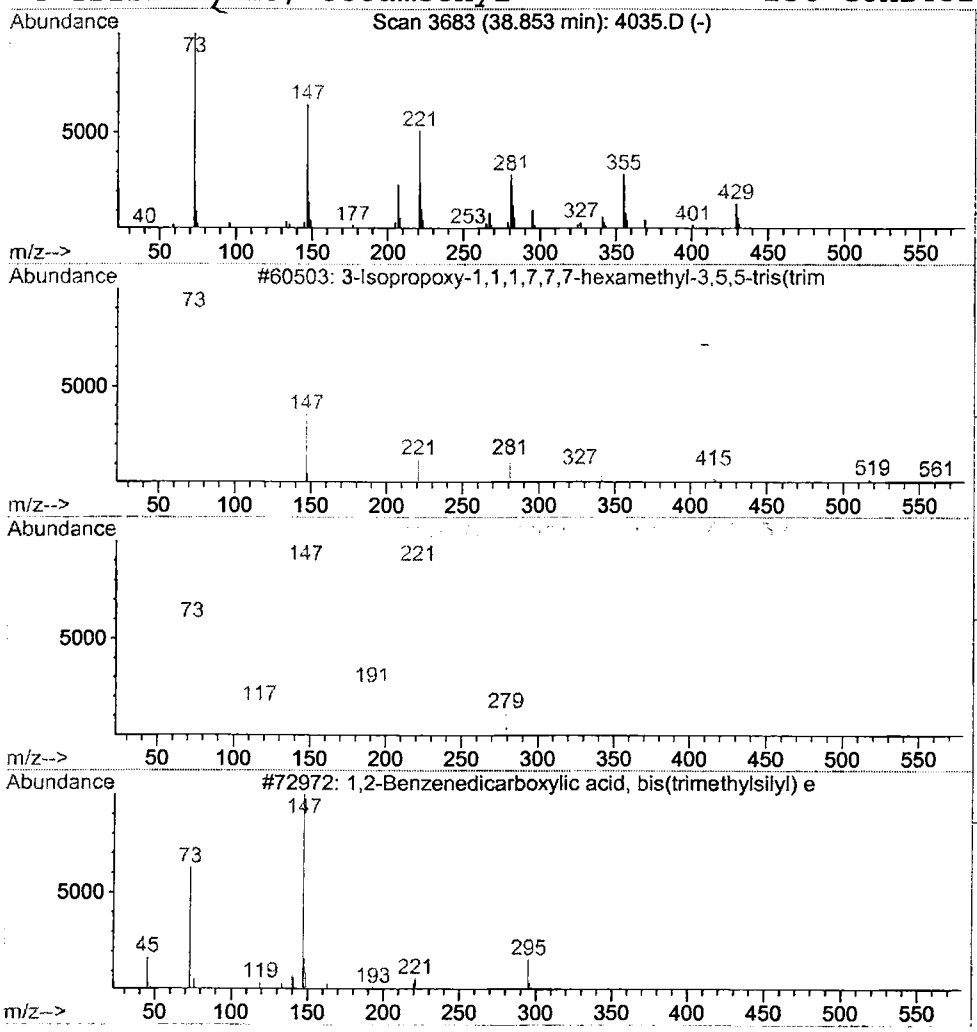
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

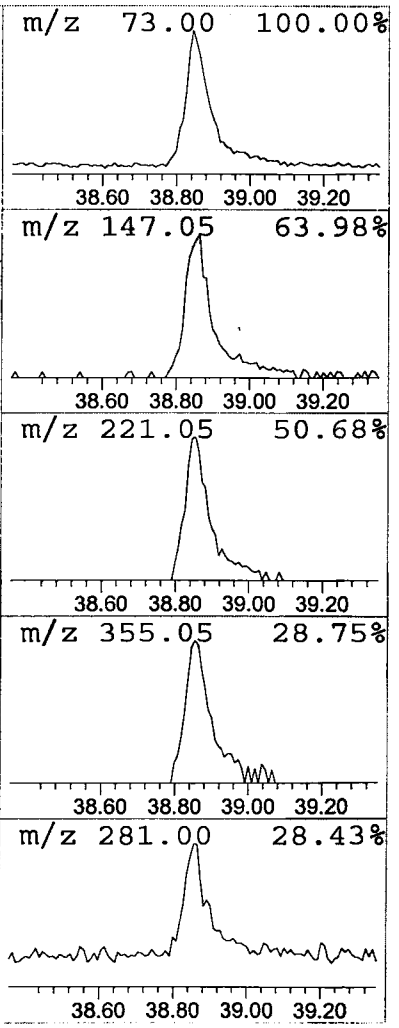
****

Peak Number 4 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.85	1.41 ug/l	129004	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	16
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	14
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	14





Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

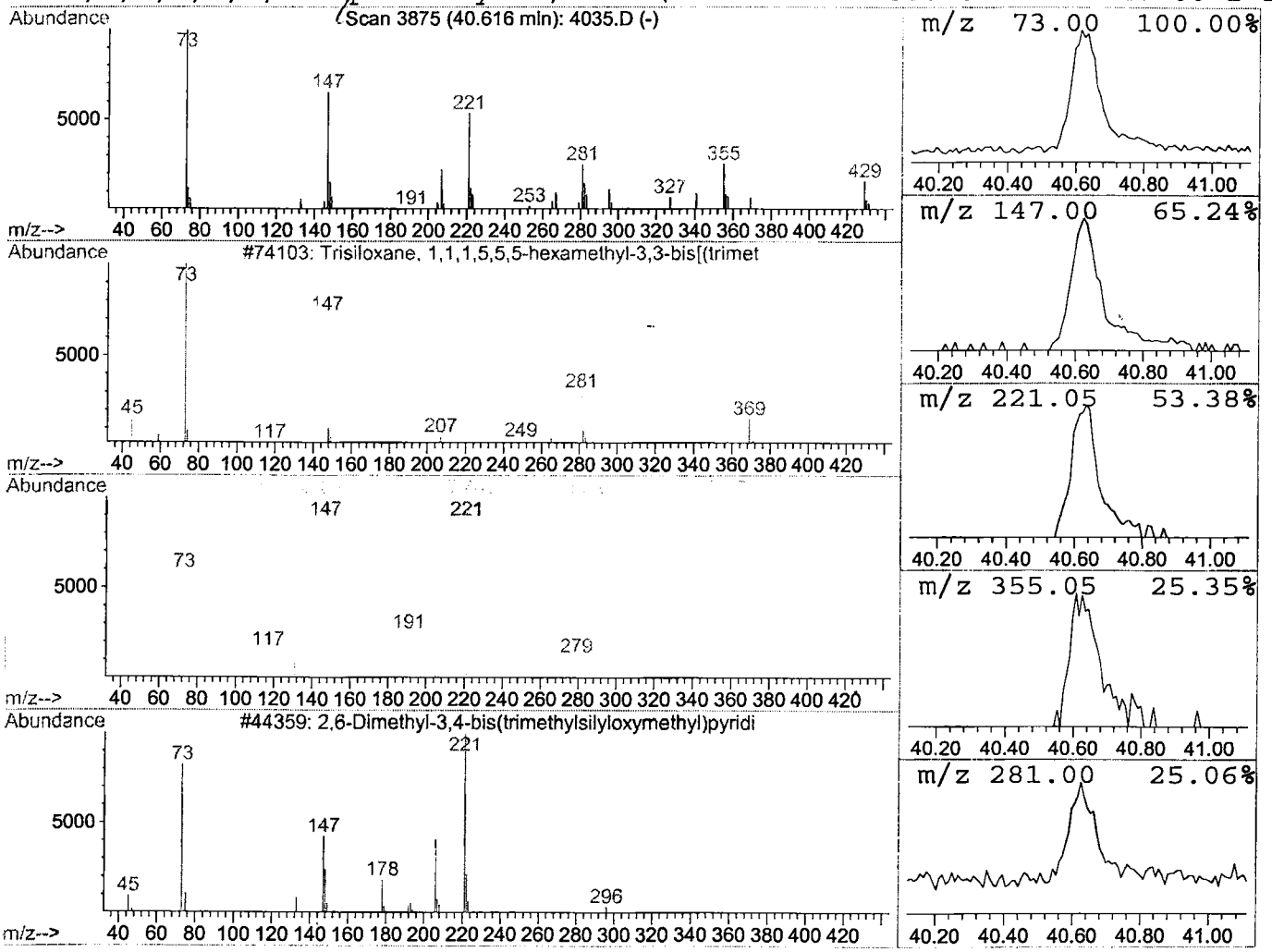
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.62	1.17 ug/l	106667	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	27
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
3	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	22
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	12



Data File : C:\HPCHEM\1\DATA\MAR2202\4035.D Vial: 41
Acq On : 24 Mar 2002 9:33 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

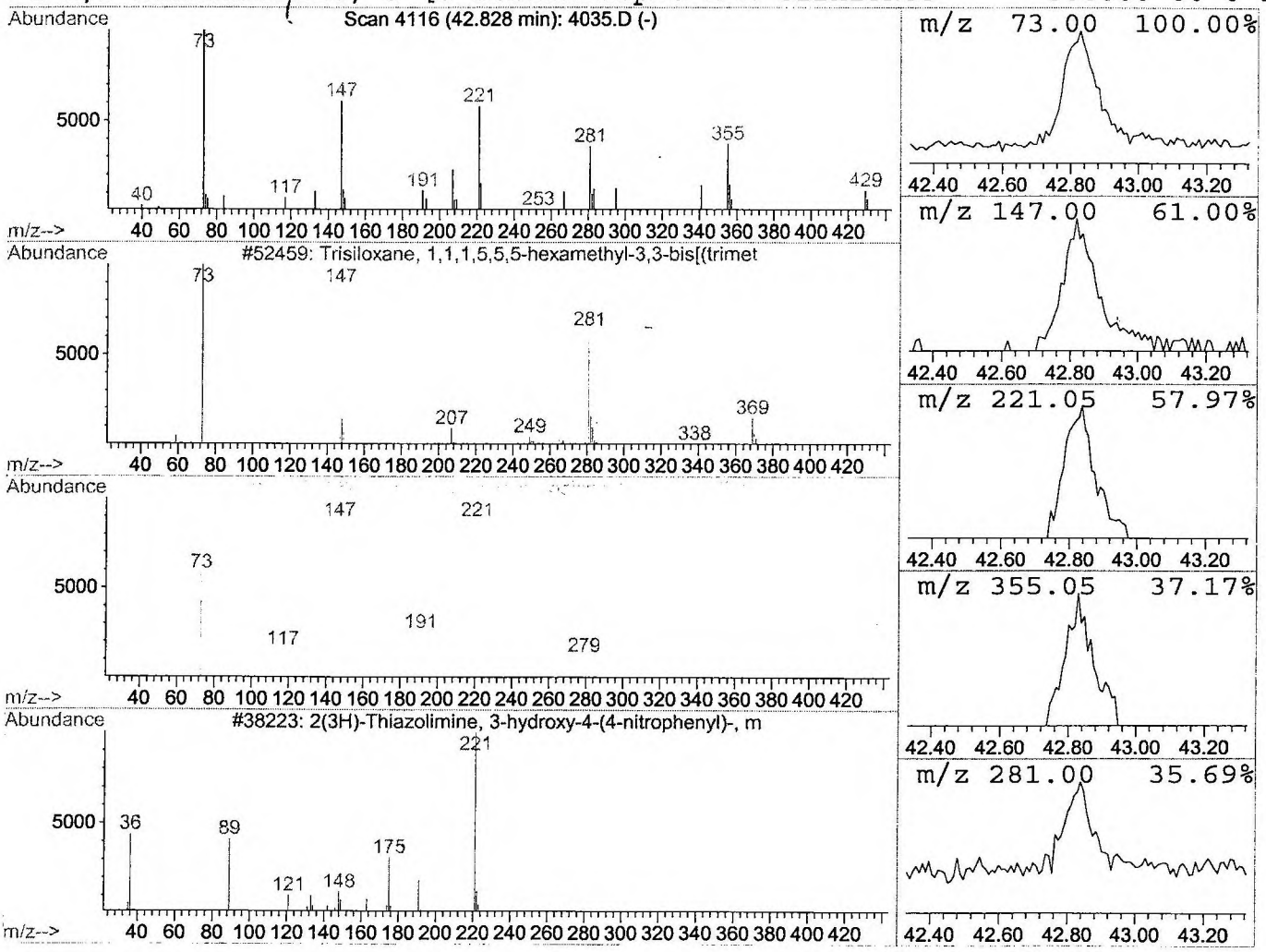
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.83	0.94 ug/l	85599	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	27
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
3	2(3H)-Thiazolimine, 3-hydroxy-4-(4-	273	C9H8ClN3O3S	058275-69-7	10
4	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Mar 2002 9:33 am
Data File: C:\HPCHEM\1\DATA\MAR2202\4035.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,	14.87	1.5	ug/l	236936	ISTD02	15.90	3150440	20.0
1-Monolinoleoylglyce	36.15	0.4	ug/l	39098	ISTD06	37.97	1825760	20.0
3-Isopropoxy-1,1,1,7	37.39	1.0	ug/l	94277	ISTD06	37.97	1825760	20.0
3-Isopropoxy-1,1,1,7	38.85	1.4	ug/l	129004	ISTD06	37.97	1825760	20.0
Trisiloxane, 1,1,1,5	40.62	1.2	ug/l	106667	ISTD06	37.97	1825760	20.0
Trisiloxane, 1,1,1,5	42.83	0.9	ug/l	85599	ISTD06	37.97	1825760	20.0

4035.D GCMS0308.M Tue Mar 26 10:48:36 2002