User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:32:32

Sample: AE06454
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/19/02 14:31 Ended: 4/19/02 14:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		114		5.0

Comments for Sample AE06454 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-19-2002 Time: 14:33:01

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\6454.D Vial: 12
Acq On : 17 Apr 2002 6:59 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:03 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	437186	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1560928	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	860237	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1195698	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	665445	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	419964	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	79263	5.69	ug/mL	0.16
Spiked Amount 5.000			Recovery = 113.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.49	74	281	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	15.89	128	466	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	21.57	165	201	N.D.		
25) Diethylphthalate	22.63	149	2443	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

Quantitation Report (QT Reviewed)

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Acq On : 17 Apr 2002 6:59 pm Operator:
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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

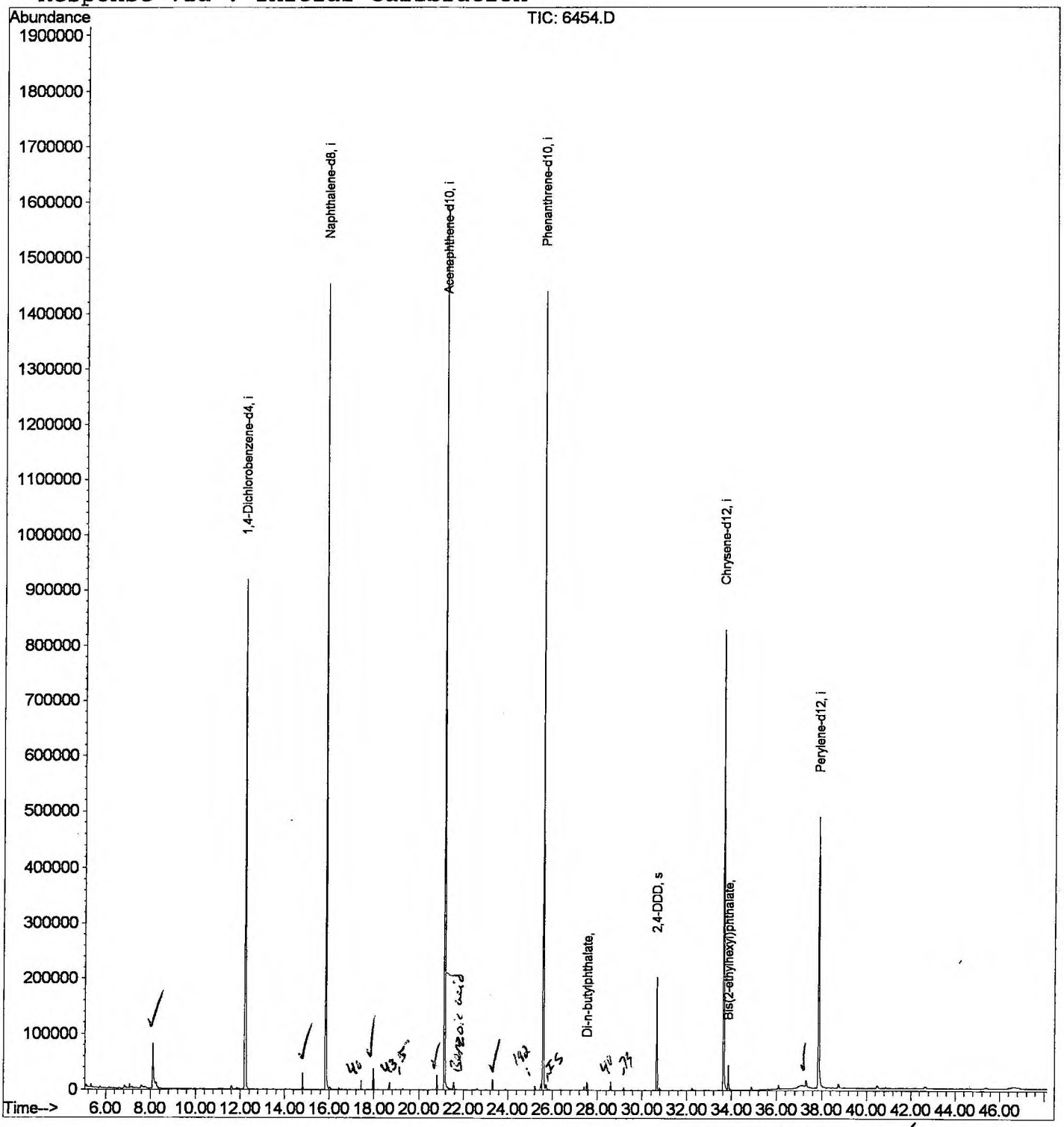
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	310	N.D.	
35) Anthracene	25.59	178	310	N.D.	
36) Di-n-butylphthalate	27.56	149	16438	0.43 ug/l	98
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	32.07	149	404	N.D.	
42) Benzo(a)anthracene	33.64	228	1687	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	27819	1.66 ug/l	100
44) Chrysene	33.72	228	185	N.D.	
46) Di-n-Octylphthalate	35.60	149	302	N.D.	
47) Benzo(b)fluoranthene	36.78	252	284	N.D.	
48) Benzo(k)fluoranthene	36.78	252	284	N.D.	
49) Benzo(a)pyrene	37.87	252	1555	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\6454.D Vial: 12
Acq On : 17 Apr 2002 6:59 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:03 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



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1702\6454.D Vial: 12
Acq On : 17 Apr 2002 6:59 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

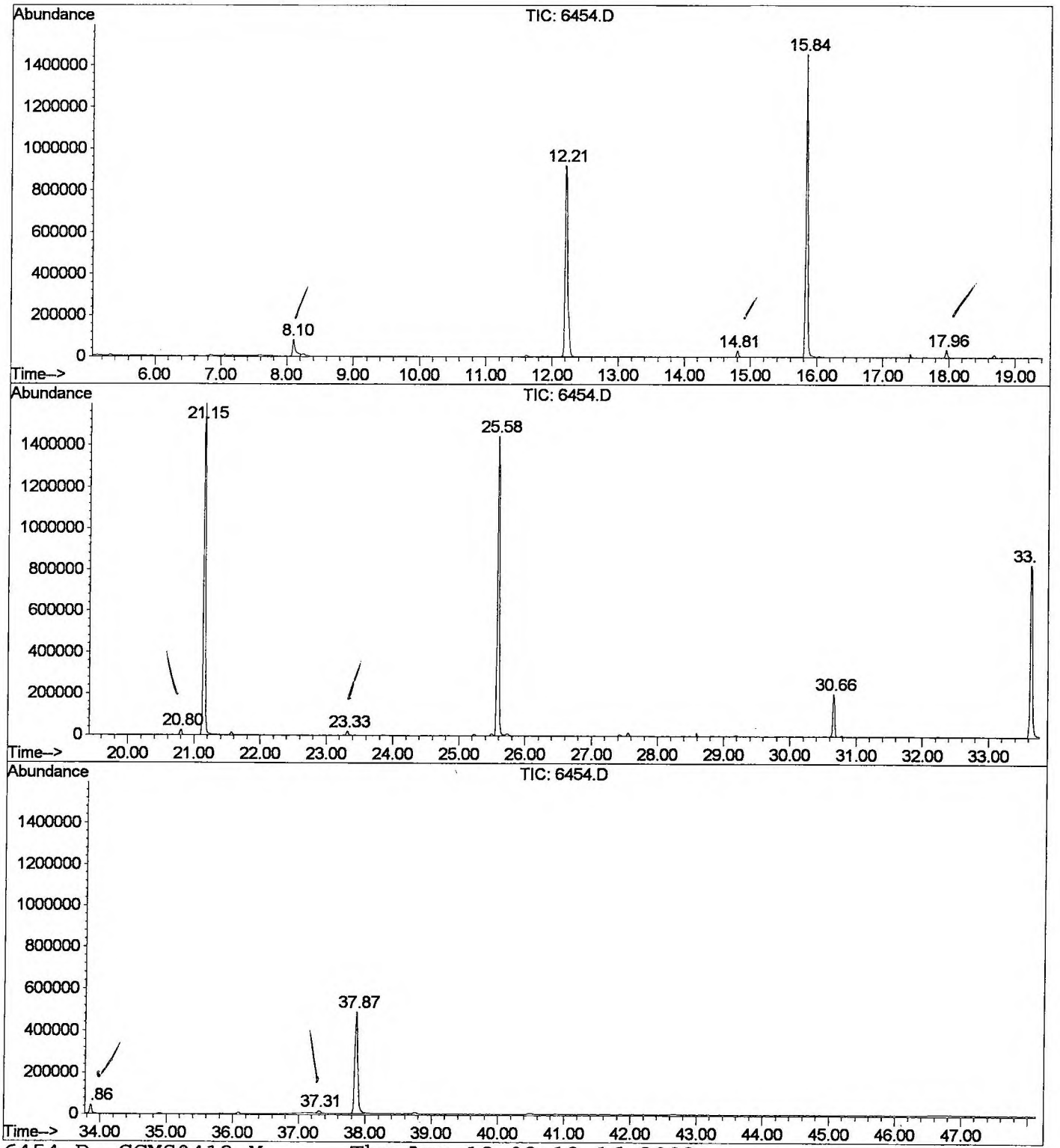
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.105	329	333	344	rBV	80216	231216	7.11%	1.464%
2	12.209	775	780	797	rVB	918219	2343243	72.08%	14.839%
3	14.807	1059	1063	1068	rBV	29715	56883	1.75%	0.360%
4	15.844	1170	1176	1193	rBV	1453947	2932737	90.22%	18.572%
5	17.965	1401	1407	1412	rBV2	37067	74610	2.30%	0.472%
6	20.801	1710	1716	1721	rBV	26546	49840	1.53%	0.316%
7	21.150	1747	1754	1767	rBV	1595033	3250705	100.00%	20.586%
8	23.326	1986	1991	1995	rBV2	18492	36015	1.11%	0.228%
9	25.584	2231	2237	2248	rVV2	1439938	2985484	91.84%	18.906%
10	30.661	2785	2790	2796	rVB	203445	383271	11.79%	2.427%
11	33.635	3107	3114	3131	rBV2	829913	1918364	59.01%	12.149%
12	33.856	3133	3138	3147	rVB	43830	94930	2.92%	0.601%
13	37.307	3509	3514	3524	rVB4	12724	40595	1.25%	0.257%
14	37.867	3567	3575	3588	rBV2	486128	1392924	42.85%	8.821%

Sum of corrected areas: 15790817

6454.D GCMS0412.M Thu Apr 18 09:13:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\6454.D
Operator :
Acquired : 17 Apr 2002 6:59 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/19
Misc Info :
Vial Number: 12
Quant File :GCMS0412.RES (RTE Integrator)



6454.D GCMS0412.M Thu Apr 18 09:13:16 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6454.D Vial: 12
Acq On : 17 Apr 2002 6:59 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

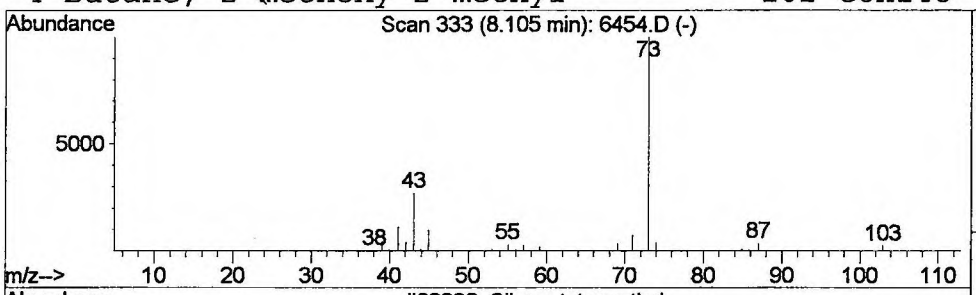
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

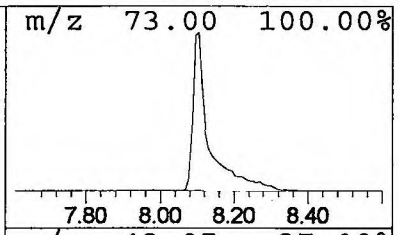
****

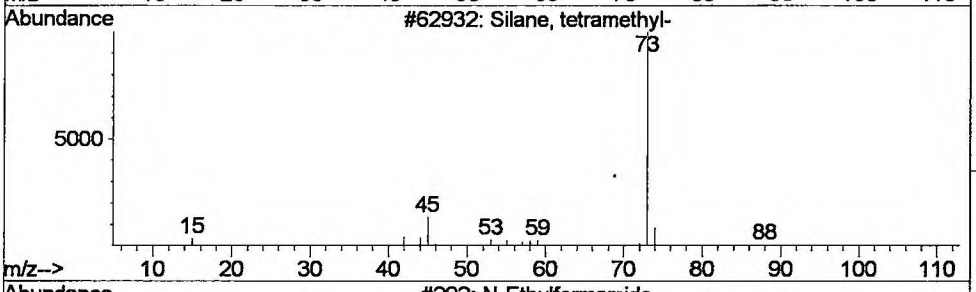
Peak Number 1 Silane, tetramethyl- Concentration Rank 1

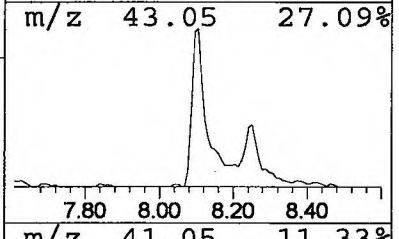
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	1.97 ug/l	231216	1,4-Dichlorobenzene-d4	12.21

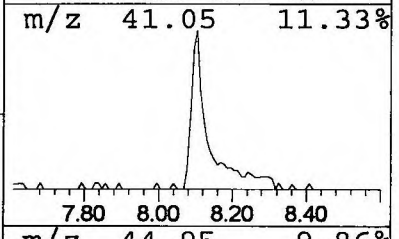
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9

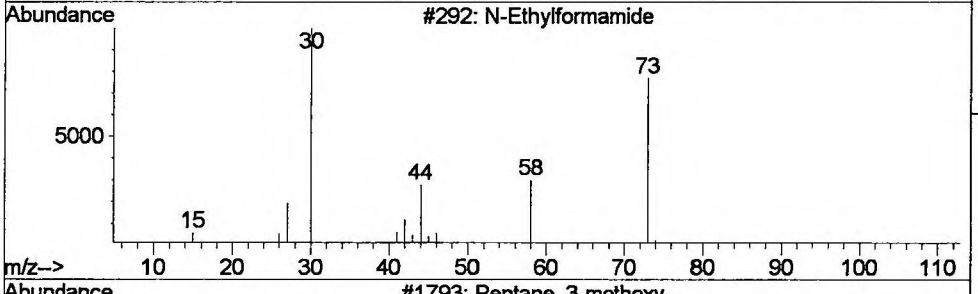


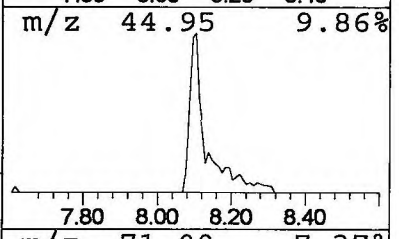


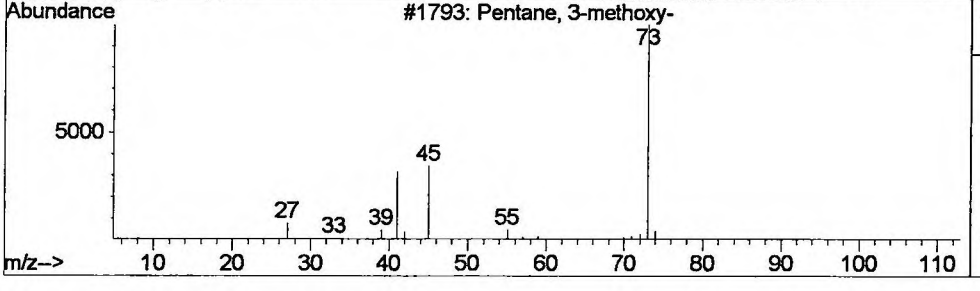


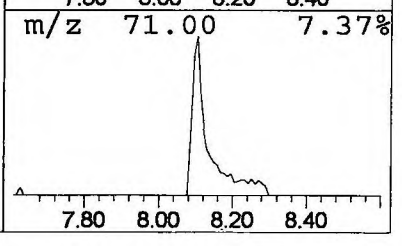












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6454.D Vial: 12
Acq On : 17 Apr 2002 6:59 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

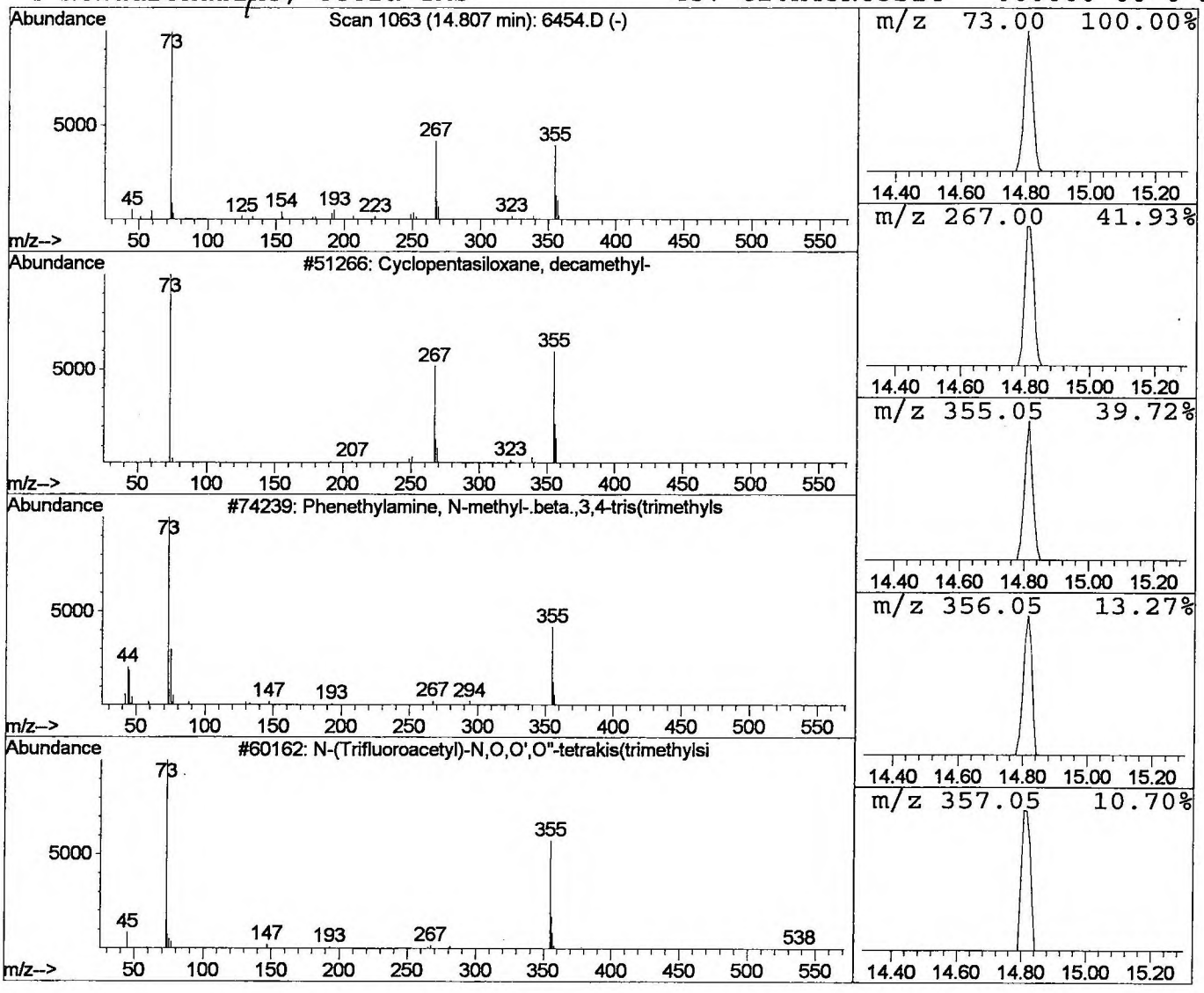
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.39 ug/l	56883	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6454.D Vial: 12
Acq On : 17 Apr 2002 6:59 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

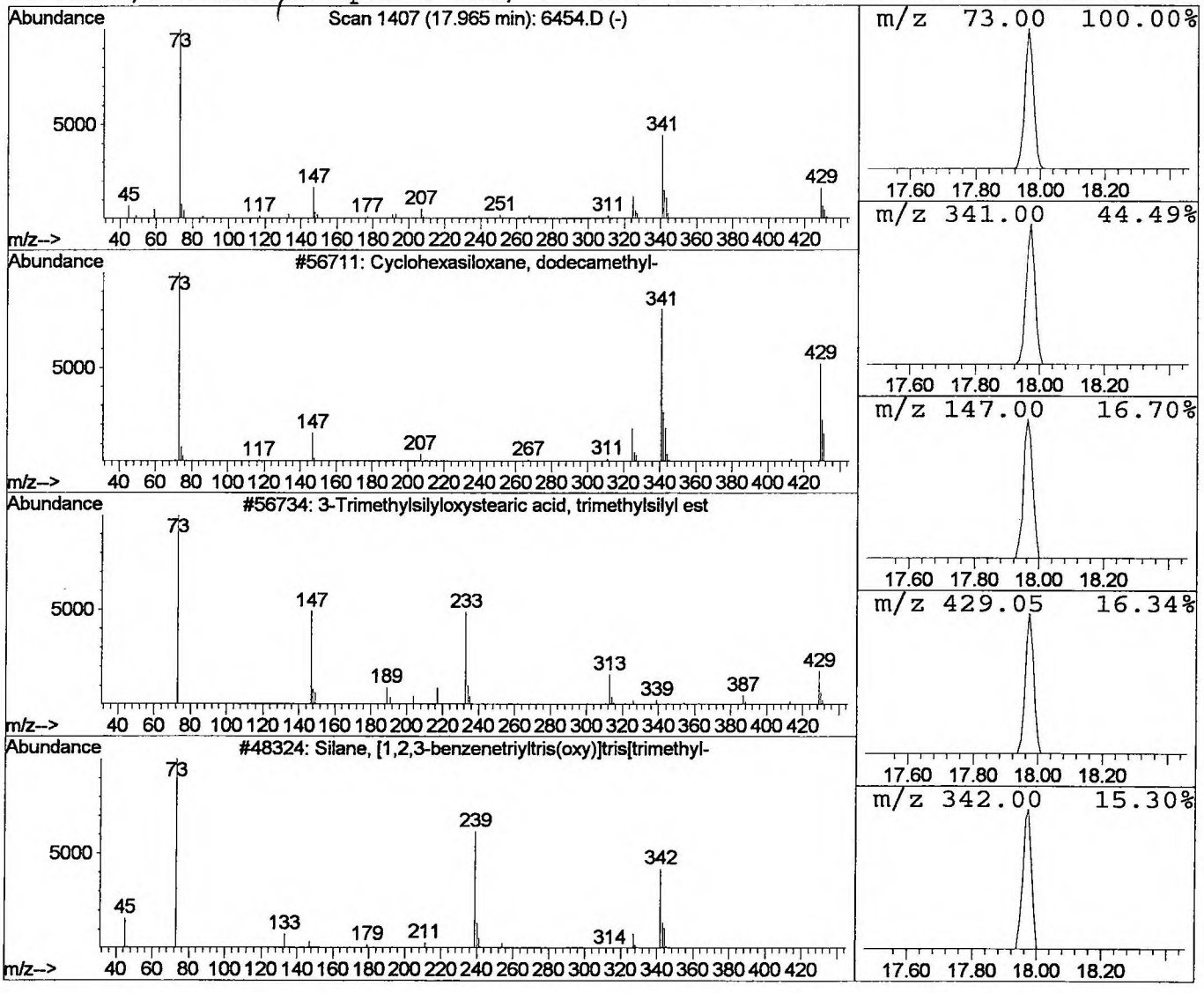
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclohexasiloxane, dodecamethy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	0.51 ug/l	74610	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	59
2	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	10
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	10
4	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6454.D Vial: 12
Acq On : 17 Apr 2002 6:59 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

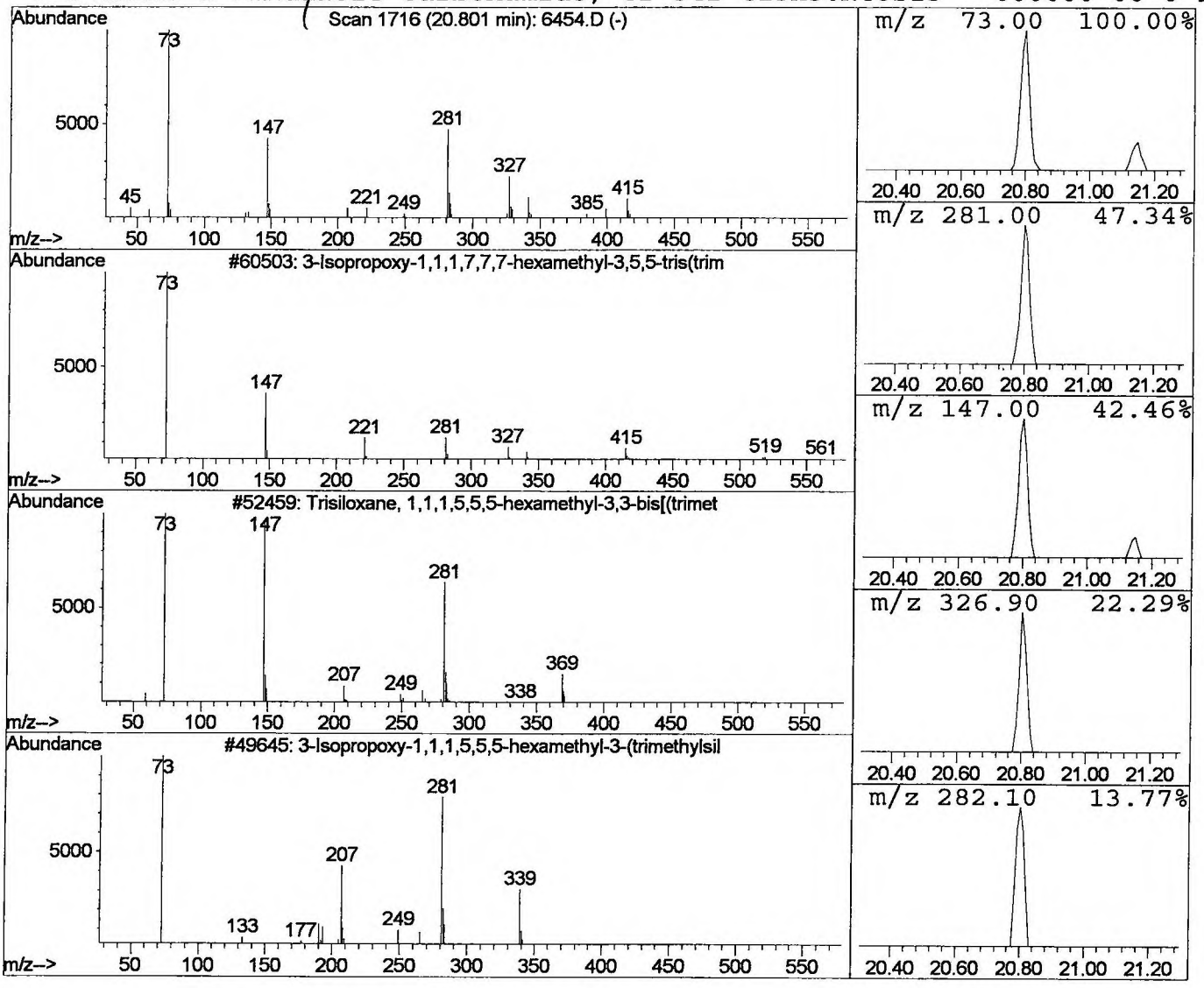
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	0.31 ug/l	49840	Acenaphthene-d10	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	50
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	38
3	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	10
4	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6454.D Vial: 12
Acq On : 17 Apr 2002 6:59 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

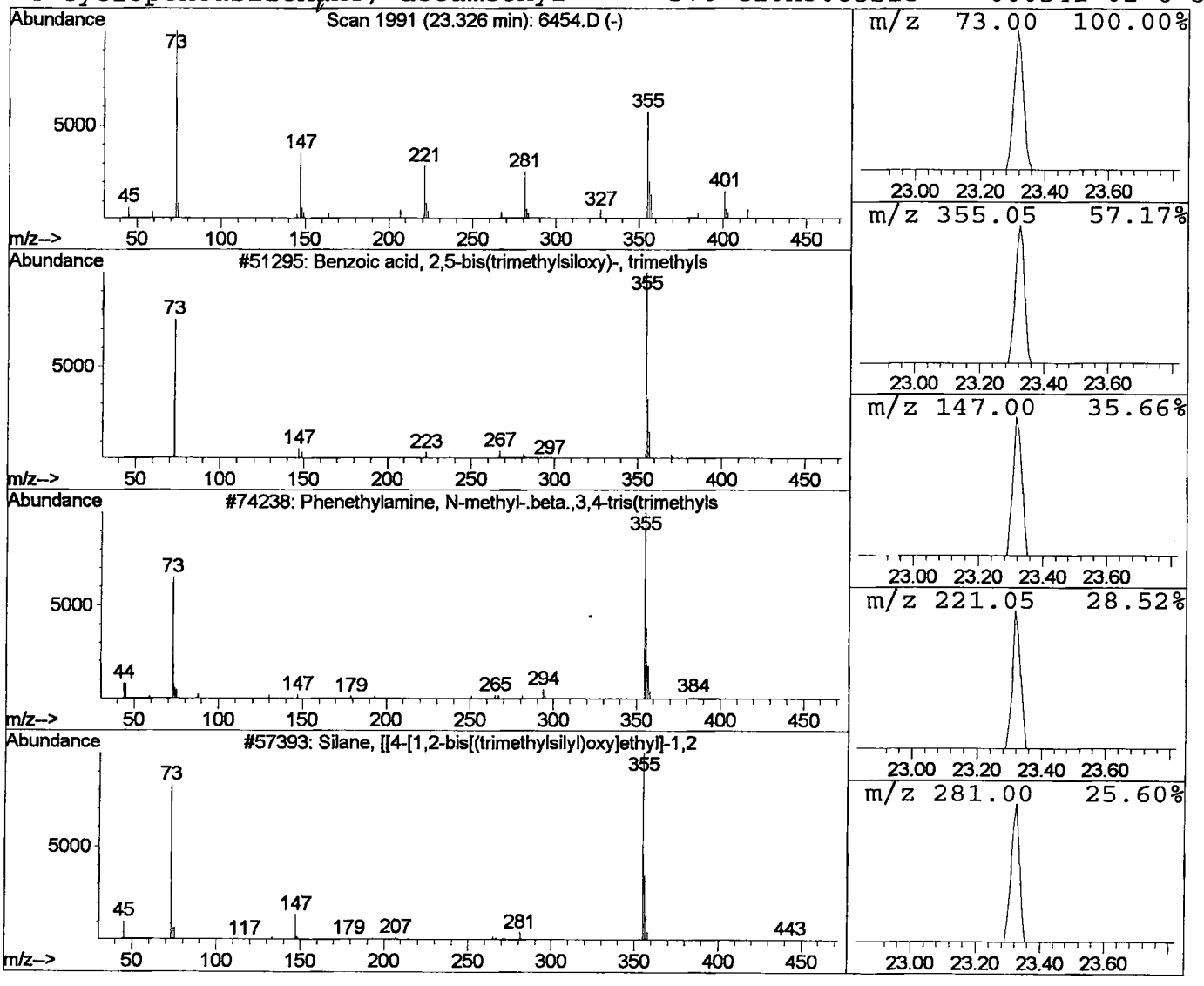
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Benzoic acid, 2,5-bis(trimethy Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	0.22 ug/l	36015	Acenaphthene-d10	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	38
4	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6454.D Vial: 12
Acq On : 17 Apr 2002 6:59 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

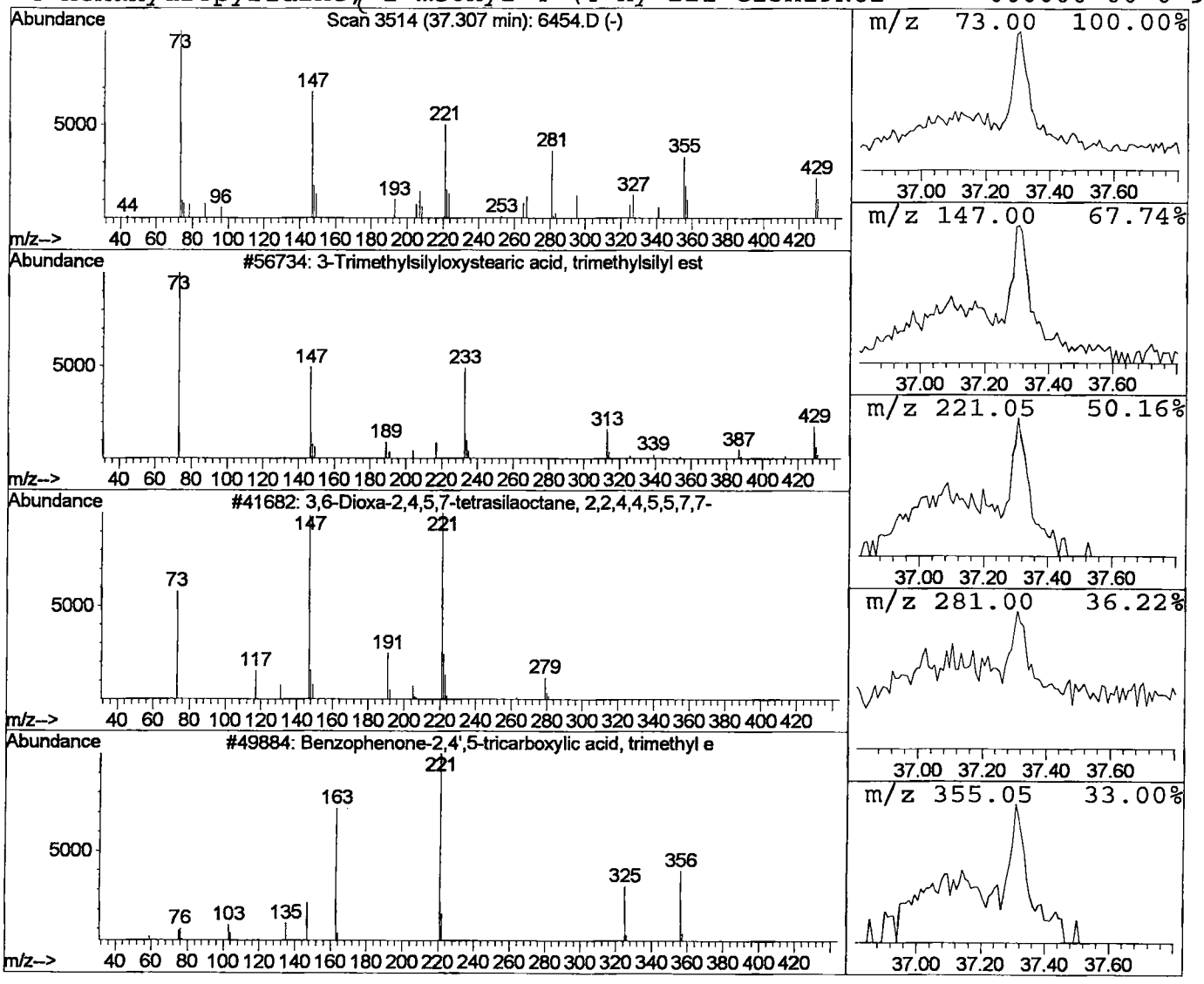
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 3-Trimethylsilyloxystearic aci Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.31	0.58 ug/l	40595	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	22
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	16
3	Benzophenone-2,4',5-tricarboxylic a	356	C19H16O7	000000-00-0	10
4	Hexahydropyridine, 1-methyl-4-(4-hy	221	C13H19NO2	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 17 Apr 2002 6:59 pm
Data File: C:\HPCHEM\1\DATA\APR1702\6454.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
Silane, tetramethyl-	8.10	2.0	ug/l	231216	ISTD01	12.21	2343240	20.0
Cyclopentasiloxane,	14.81	0.4	ug/l	56883	ISTD02	15.84	2932740	20.0
Cyclohexasiloxane, d	17.96	0.5	ug/l	74610	ISTD02	15.84	2932740	20.0
3-Isopropoxy-1,1,1,7	20.80	0.3	ug/l	49840	ISTD03	21.15	3250710	20.0
Benzoic acid, 2,5-bi	23.33	0.2	ug/l	36015	ISTD03	21.15	3250710	20.0
3-Trimethylsilyloxys	37.31	0.6	ug/l	40595	ISTD06	37.87	1392920	20.0

6454.D GCMS0412.M Thu Apr 18 09:13:23 2002