User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 15:03:02

Sample: AE06635
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 15:02 Ended: 4/18/2002 15:02 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		95	5.0

Comments for Sample AE06635 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 15:03:43

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 4 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:53 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	543125	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1963459	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1123636	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1610975	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1055794	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	730019	20.00	ug/l	-0.04
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	88812	4.74	ug/mL	0.16
Spiked Amount 5.000			Recovery = 94.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.47	74	620	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	13.44	77	1261	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	15.91	128	241	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	22.62	149	2615	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)

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:53 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

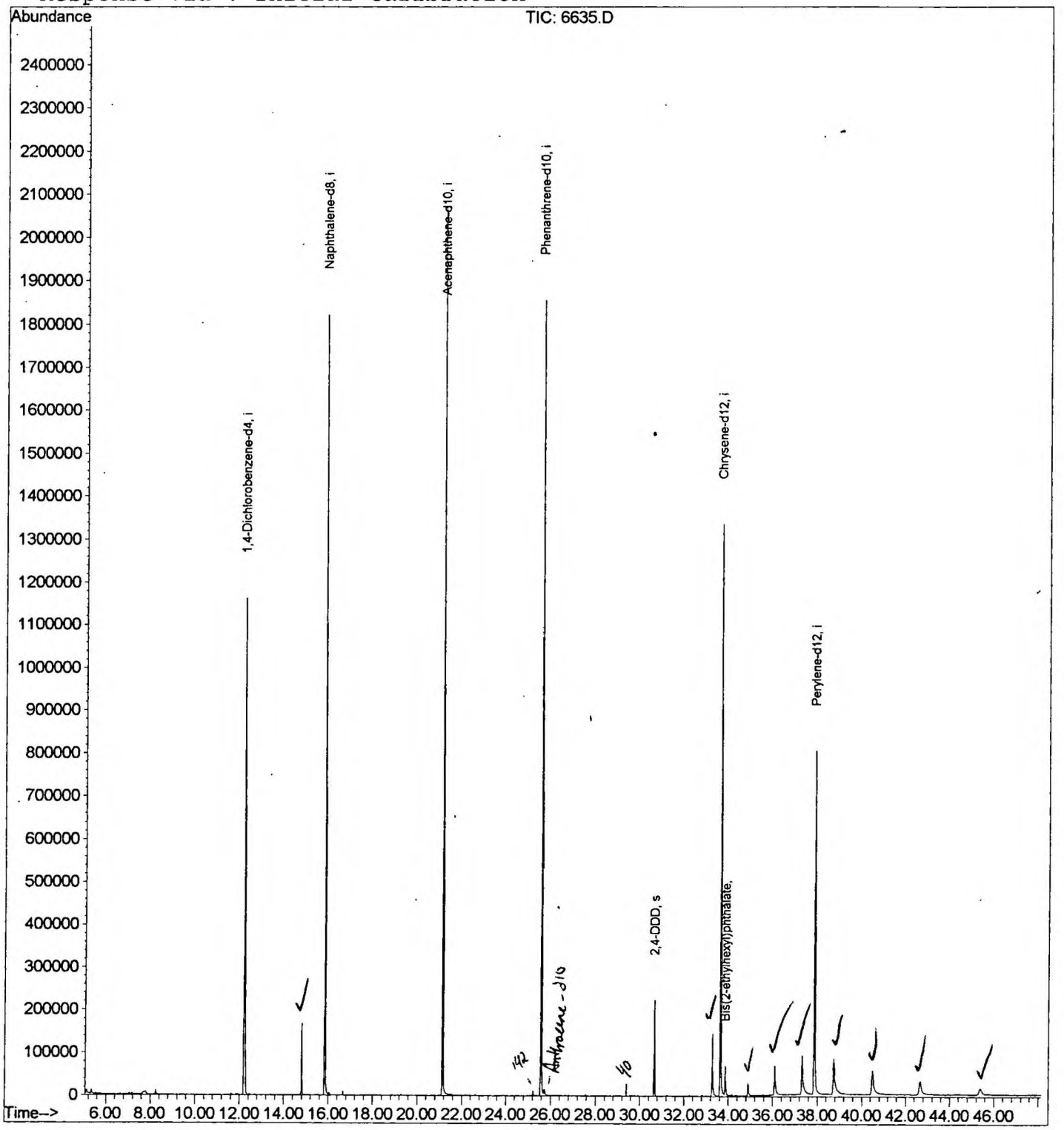
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.57	178	474	N.D.	
35)	Anthracene	25.57	178	474	N.D.	
36)	Di-n-butylphthalate	27.56	149	4341	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	2658	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	53766	2.03 ug/l #	97
44)	Chrysene	33.72	228	451	N.D.	
46)	Di-n-Octylphthalate	35.60	149	1193	N.D.	
47)	Benzo(b)fluoranthene	36.68	252	804	N.D.	
48)	Benzo(k)fluoranthene	36.76	252	1194	N.D.	
49)	Benzo(a)pyrene	37.68	252	473	N.D.	
50)	Indeno(1,2,3-cd)pyrene	41.96	276	288	N.D.	
51)	Dibenz(a,h)anthracene	42.03	278	616	N.D.	
52)	Benzo(g,h,i)perylene	43.18	276	1367	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:53 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\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 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

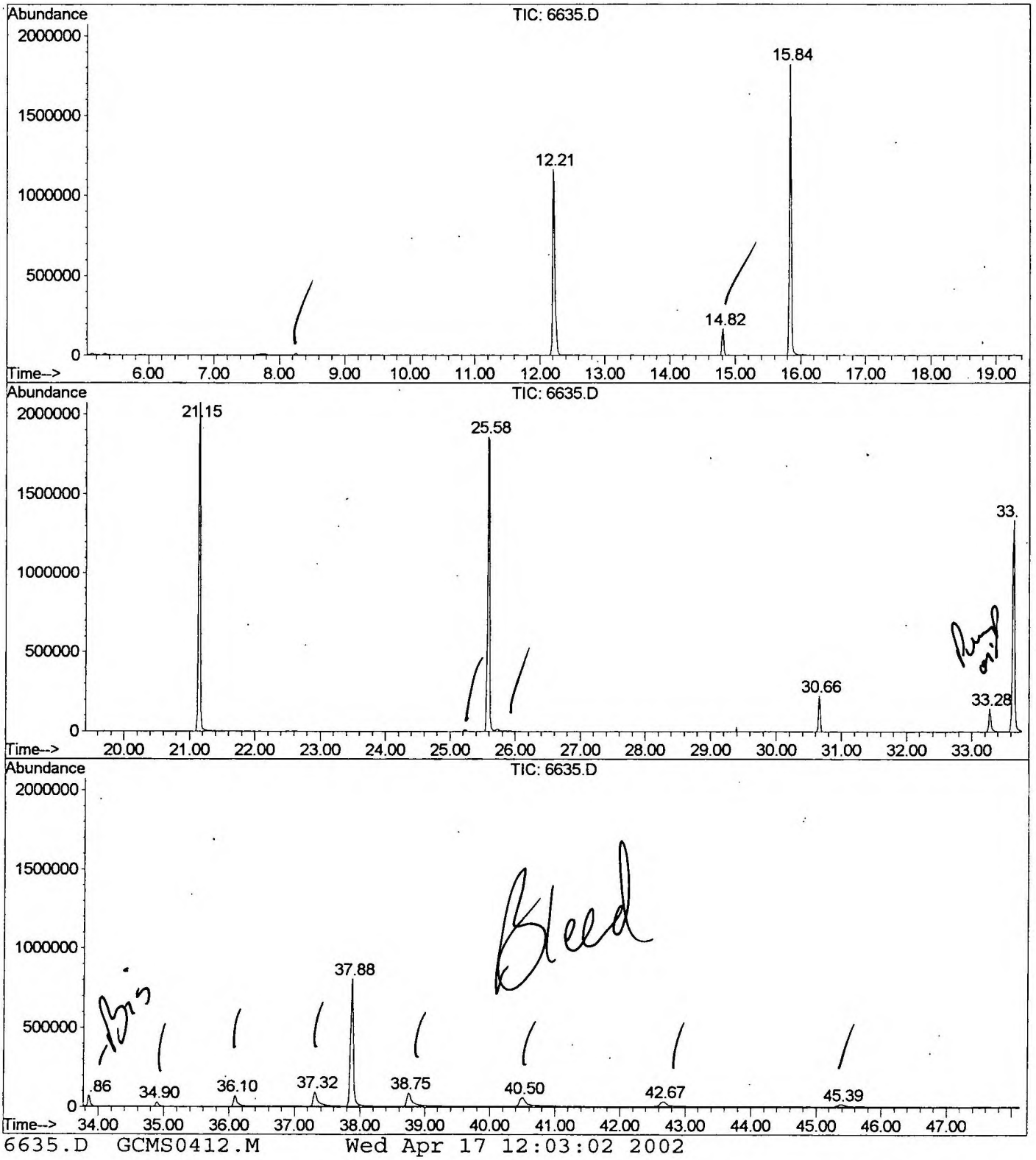
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.208	772	780	797	rBV	1161418	2876628	68.10%	12.264%
2	14.815	1058	1064	1069	rVB	167785	330642	7.83%	1.410%
3	15.844	1170	1176	1193	rBV	1821411	3672741	86.95%	15.659%
4	21.150	1747	1754	1769	rBV	2072827	4223850	100.00%	18.008%
5	25.584	2231	2237	2246	rBV2	1854164	4037067	95.58%	17.212%
6	30.661	2785	2790	2796	rBV	223030	426518	10.10%	1.818%
7	33.277	3069	3075	3090	rBV	143571	338271	8.01%	1.442%
8	33.644	3107	3115	3134	rBV2	1336179	3050514	72.22%	13.006%
9	33.865	3134	3139	3149	rVB	67224	169833	4.02%	0.724%
10	34.902	3245	3252	3259	rBV3	28569	85466	2.02%	0.364%
11	36.095	3375	3382	3395	rBV2	68525	248058	5.87%	1.058%
12	37.316	3507	3515	3544	rBV2	90540	439537	10.41%	1.874%
13	37.876	3567	3576	3588	rBV2	800609	2428242	57.49%	10.353%
14	38.749	3663	3671	3696	rBV3	82089	456391	10.81%	1.946%
15	40.502	3848	3862	3878	rBV2	55349	350725	8.30%	1.495%
16	42.669	4085	4098	4112	rBV4	30397	213473	5.05%	0.910%
17	45.386	4383	4394	4407	rBV6	14043	107197	2.54%	0.457%

Sum of corrected areas: 23455153

6635.D GCMS0412.M Wed Apr 17 12:03:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1602\6635.D
Operator :
Acquired : 16 Apr 2002 8:03 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/22
Misc Info :
Vial Number: 8
Quant File :GCMS0412.RES (RTE Integrator)



6635.D GCMS0412.M Wed Apr 17 12:03:02 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D
Acq On : 16 Apr 2002 8:03 pm
Sample : gc/ms scan 3/22
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : 209
Multiplr: 1.00

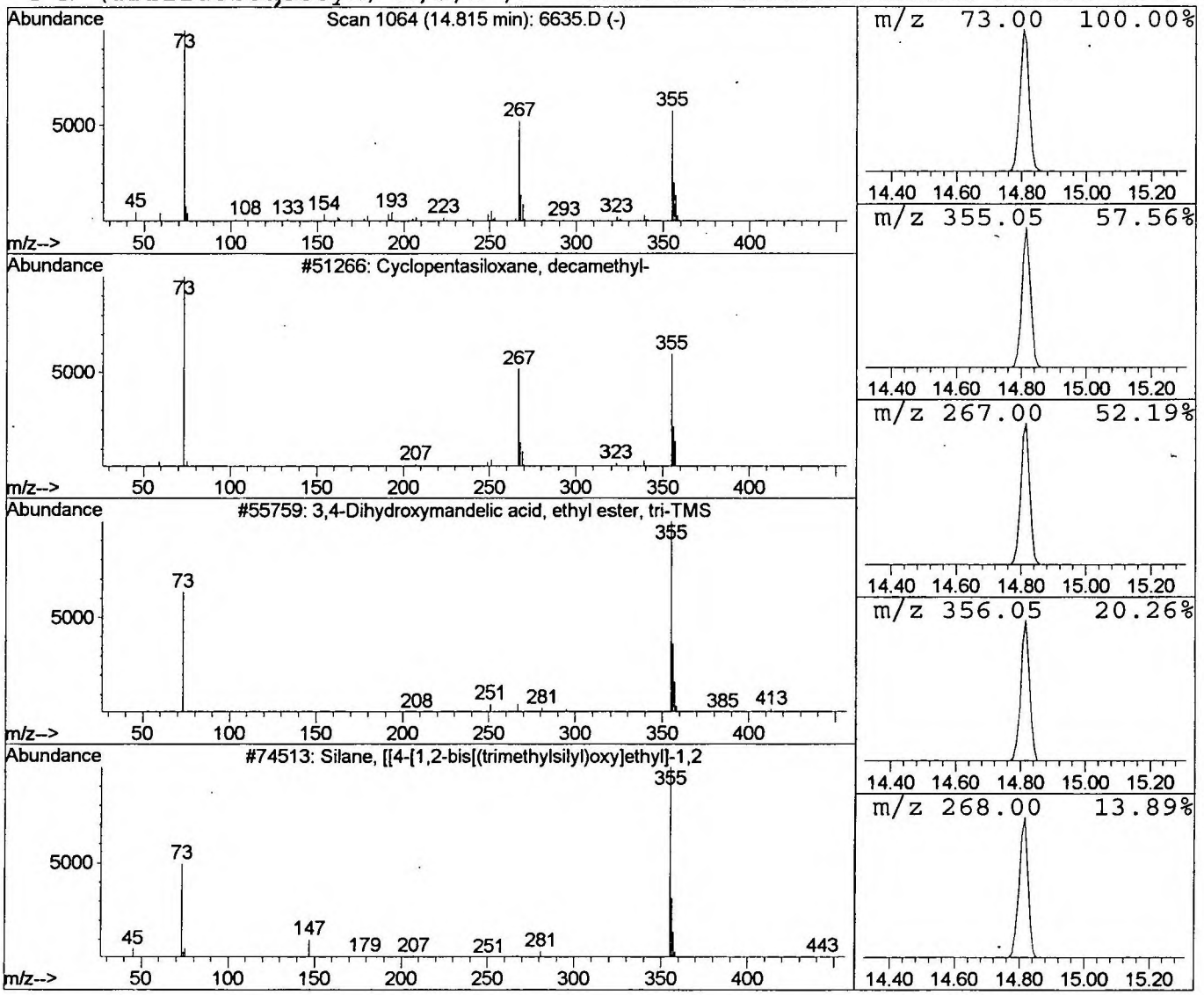
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	1.80 ug/l	330642	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	94
2	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	47
3	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	43
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

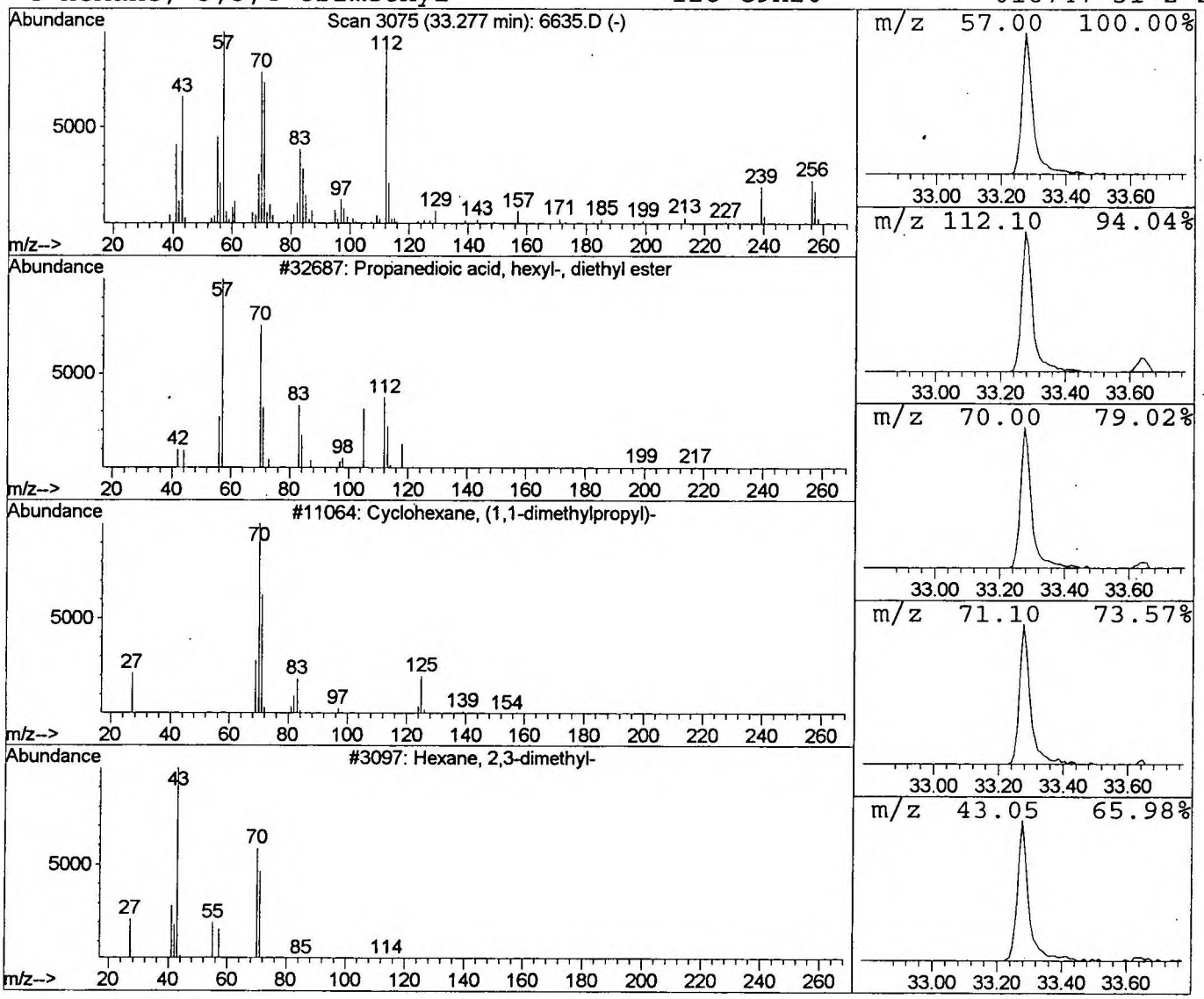
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Propanedioic acid, hexyl-, die Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.28	2.22 ug/l	338271	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	38
2	Cyclohexane, (1,1-dimethylpropyl)-	154	C11H22	031797-64-5	35
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	27
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	27



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

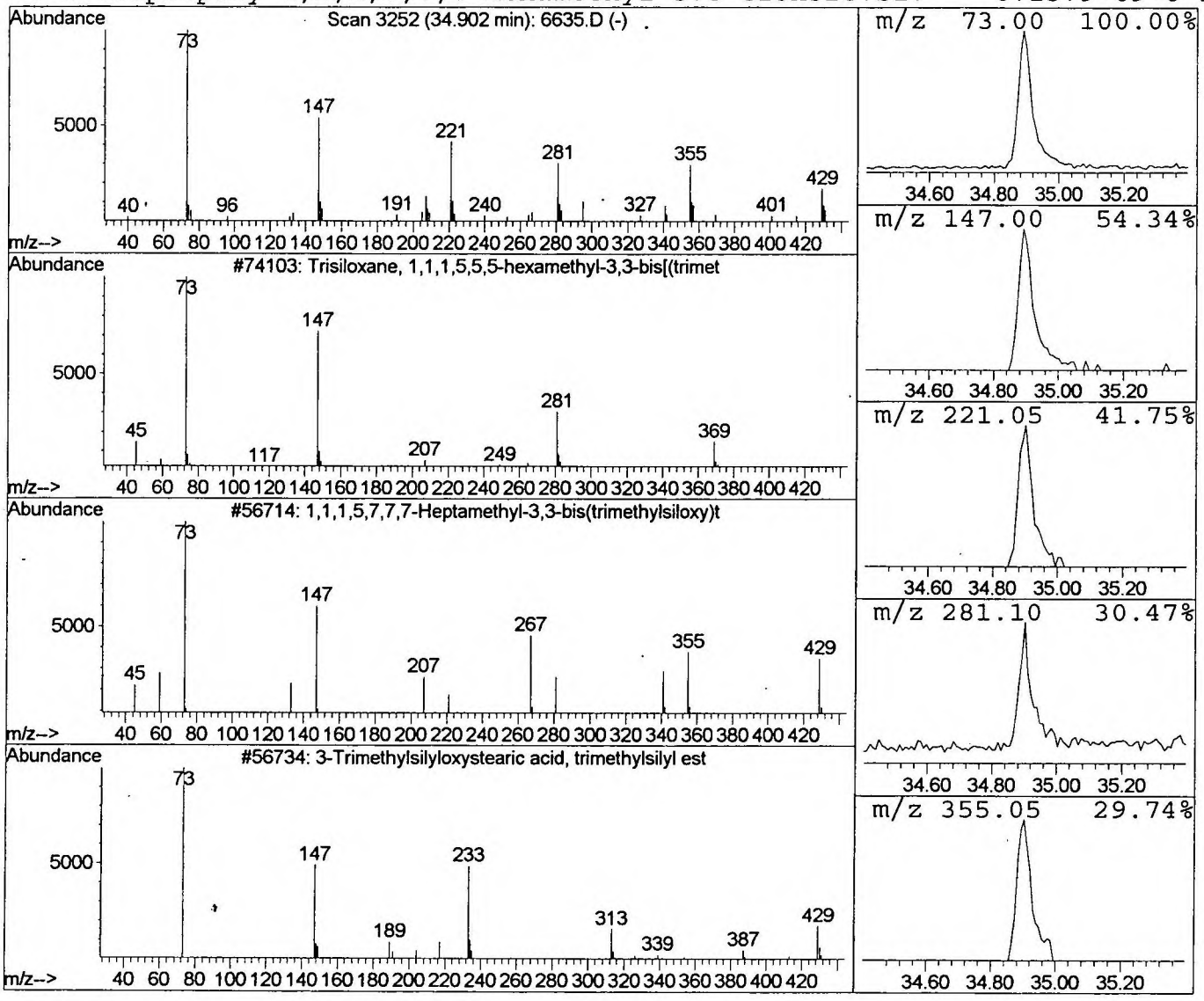
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.90	0.56 ug/l	85466	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	30
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	13
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	10
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

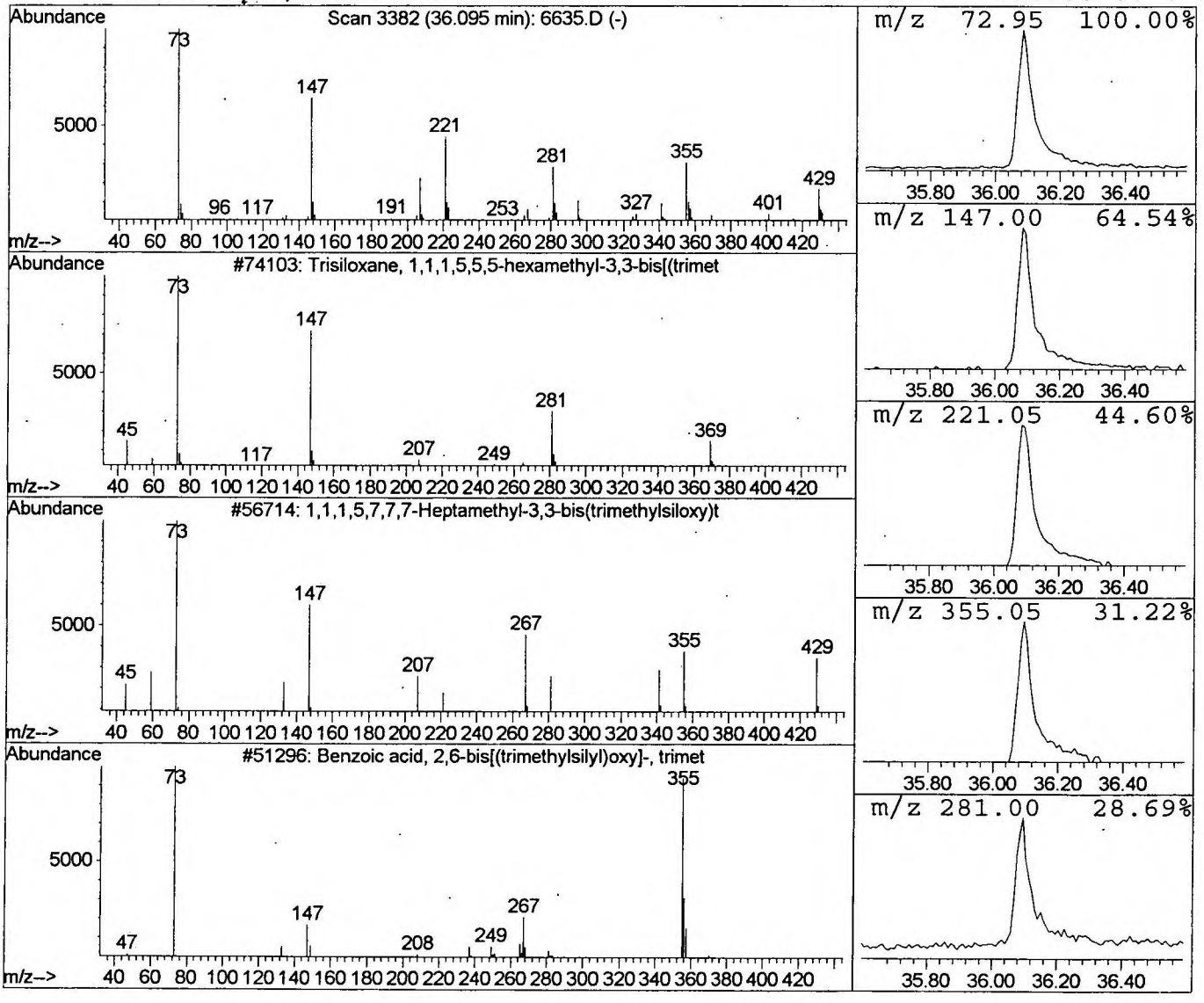
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.10	2.04 ug/l	248058	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	10
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

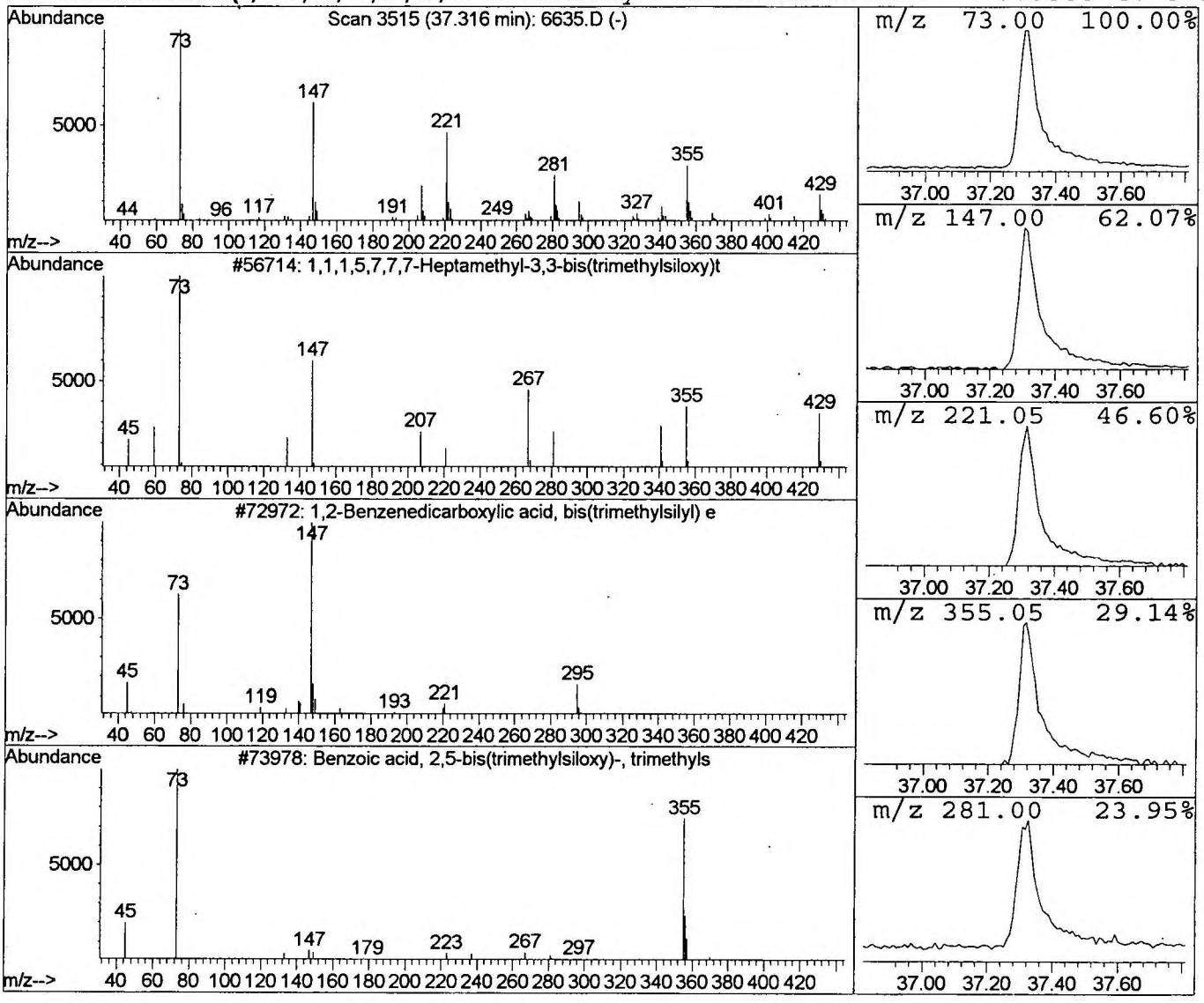
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.32	3.62 ug/l	439537	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	28
2	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	14
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	10
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

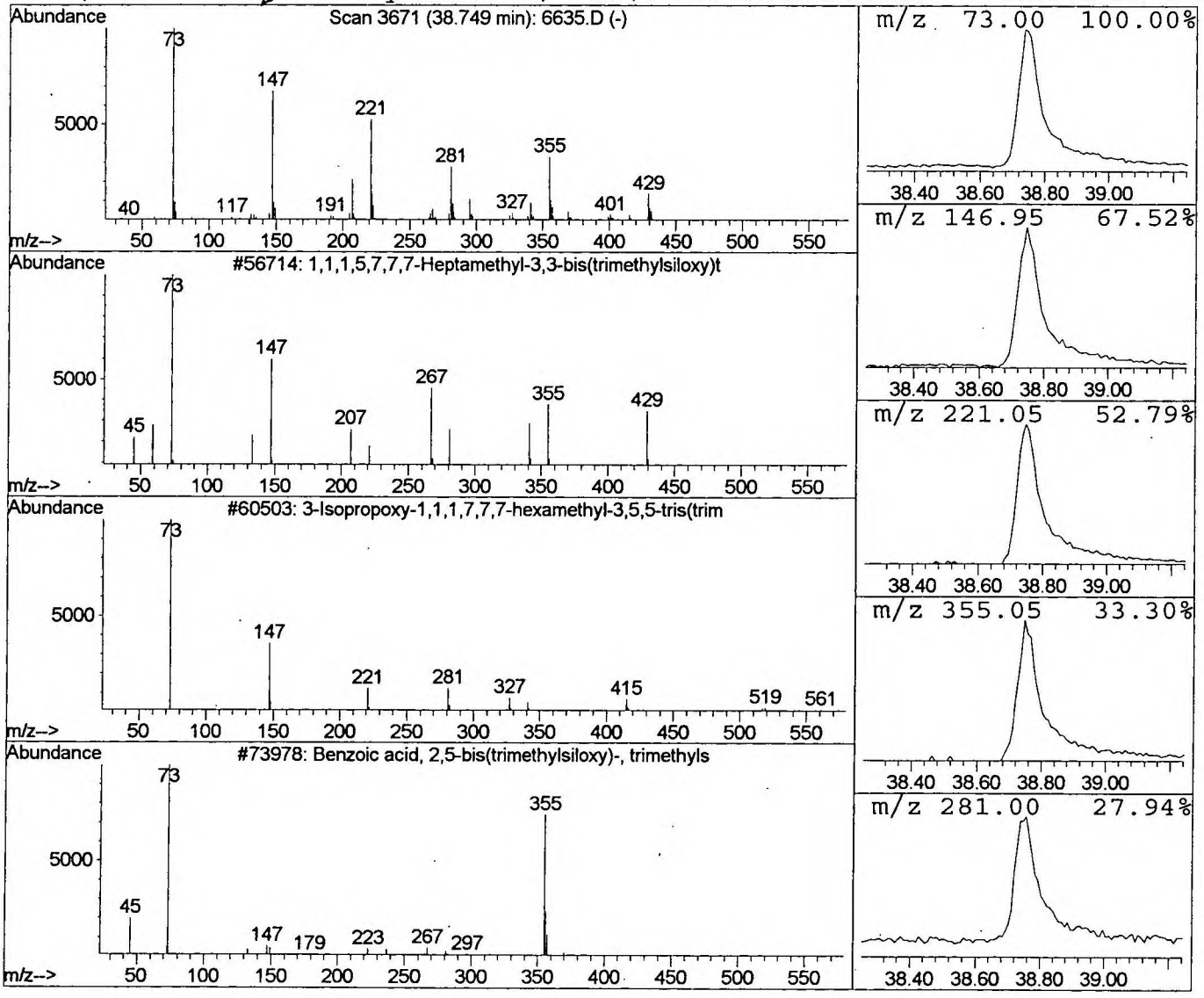
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.75	3.76 ug/l	456391	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	16
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	10
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

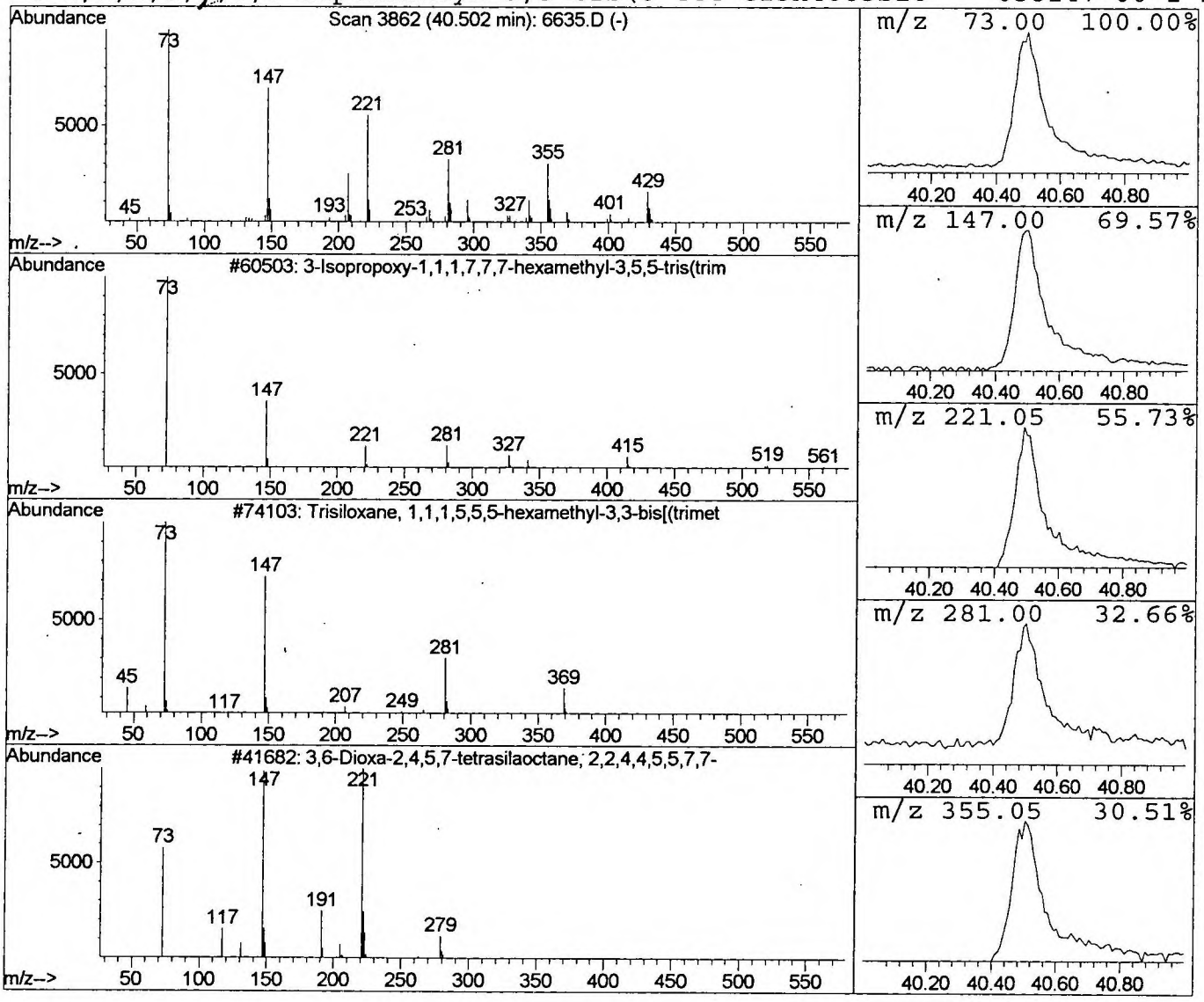
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.50	2.89 ug/l	350725	Perylene-d12	37.88

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	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	17
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

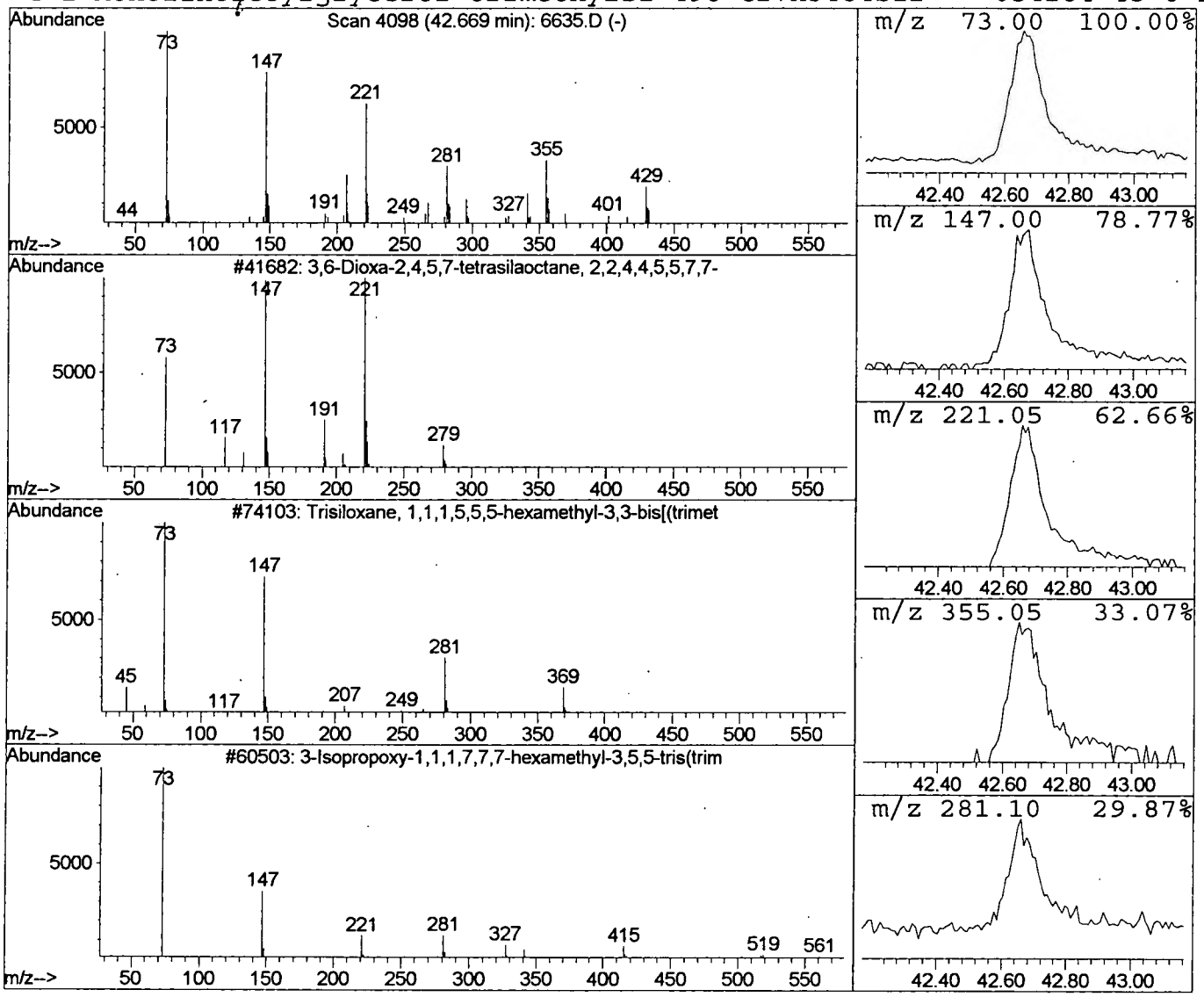
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.67	1.76 ug/l	213473	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	38
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	38
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
4	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6635.D Vial: 8
Acq On : 16 Apr 2002 8:03 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

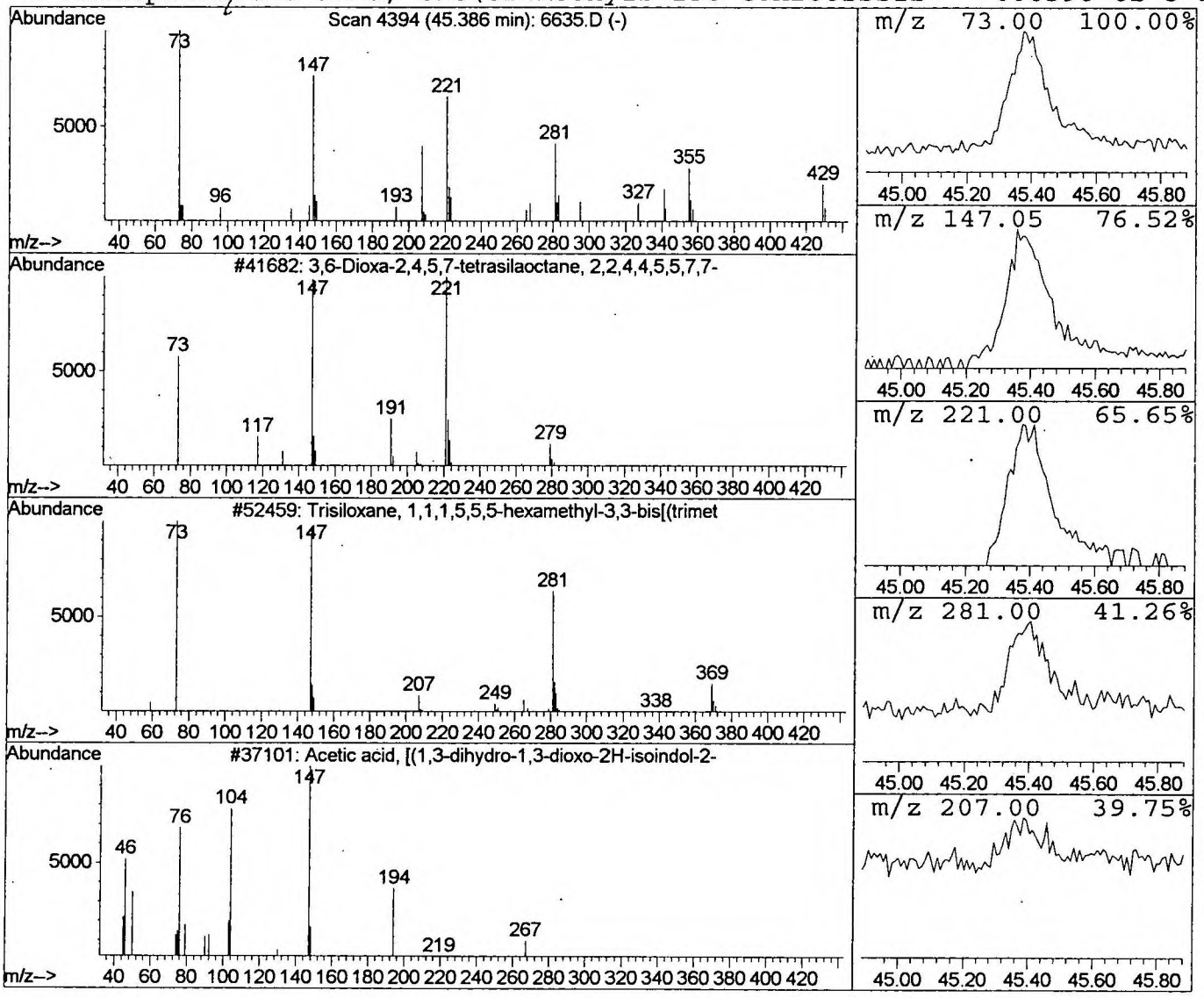
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.39	0.88 ug/l	107197	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	35
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	17
3	Acetic acid, [(1,3-dihydro-1,3-diox	267	C11H9NO5S	042300-59-4	14
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 8:03 pm
Data File: C:\HPCHEM\1\DATA\APR1602\6635.D
Name: gc/ms scan 3/22
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
Cyclopentasiloxane,	14.82	1.8	ug/l	330642	ISTD02	15.84	3672740	20.0
Propanedioic acid, h	33.28	2.2	ug/l	338271	ISTD05	33.64	3050510	20.0
Trisiloxane, 1,1,1,5	34.90	0.6	ug/l	85466	ISTD05	33.64	3050510	20.0
Trisiloxane, 1,1,1,5	36.10	2.0	ug/l	248058	ISTD06	37.88	2428240	20.0
1,1,1,5,7,7,7-Heptam	37.32	3.6	ug/l	439537	ISTD06	37.88	2428240	20.0
1,1,1,5,7,7,7-Heptam	38.75	3.8	ug/l	456391	ISTD06	37.88	2428240	20.0
3-Isopropoxy-1,1,1,7	40.50	2.9	ug/l	350725	ISTD06	37.88	2428240	20.0
3,6-Dioxa-2,4,5,7-te	42.67	1.8	ug/l	213473	ISTD06	37.88	2428240	20.0
3,6-Dioxa-2,4,5,7-te	45.39	0.9	ug/l	107197	ISTD06	37.88	2428240	20.0

6635.D GCMS0412.M Wed Apr 17 12:03:12 2002