User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:54:36

Sample: AE06456
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/19/02 14:54 Ended: 4/19/02 14:54 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Comments for Sample AE06456 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-19-2002 Time: 14:55:09

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\6456.D Vial: 14
Acq On : 17 Apr 2002 8:55 pm Operator:
Sample : gc/ms scan 3/19 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:05 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	428392	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1530155	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	846259	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1202004	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	705314	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	465931	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	73104	5.22	ug/mL	0.17
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.41	74	197	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	15.90	128	334	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	22.63	149	774	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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Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
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Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	200	N.D.	
35) Anthracene	25.59	178	200	N.D.	
36) Di-n-butylphthalate	27.55	149	12164	0.31 ug/l	98
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	1620	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	18915	1.07 ug/l	93
44) Chrysene	33.64	228	1621	N.D.	
46) Di-n-Octylphthalate	35.59	149	314	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.87	252	1826	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

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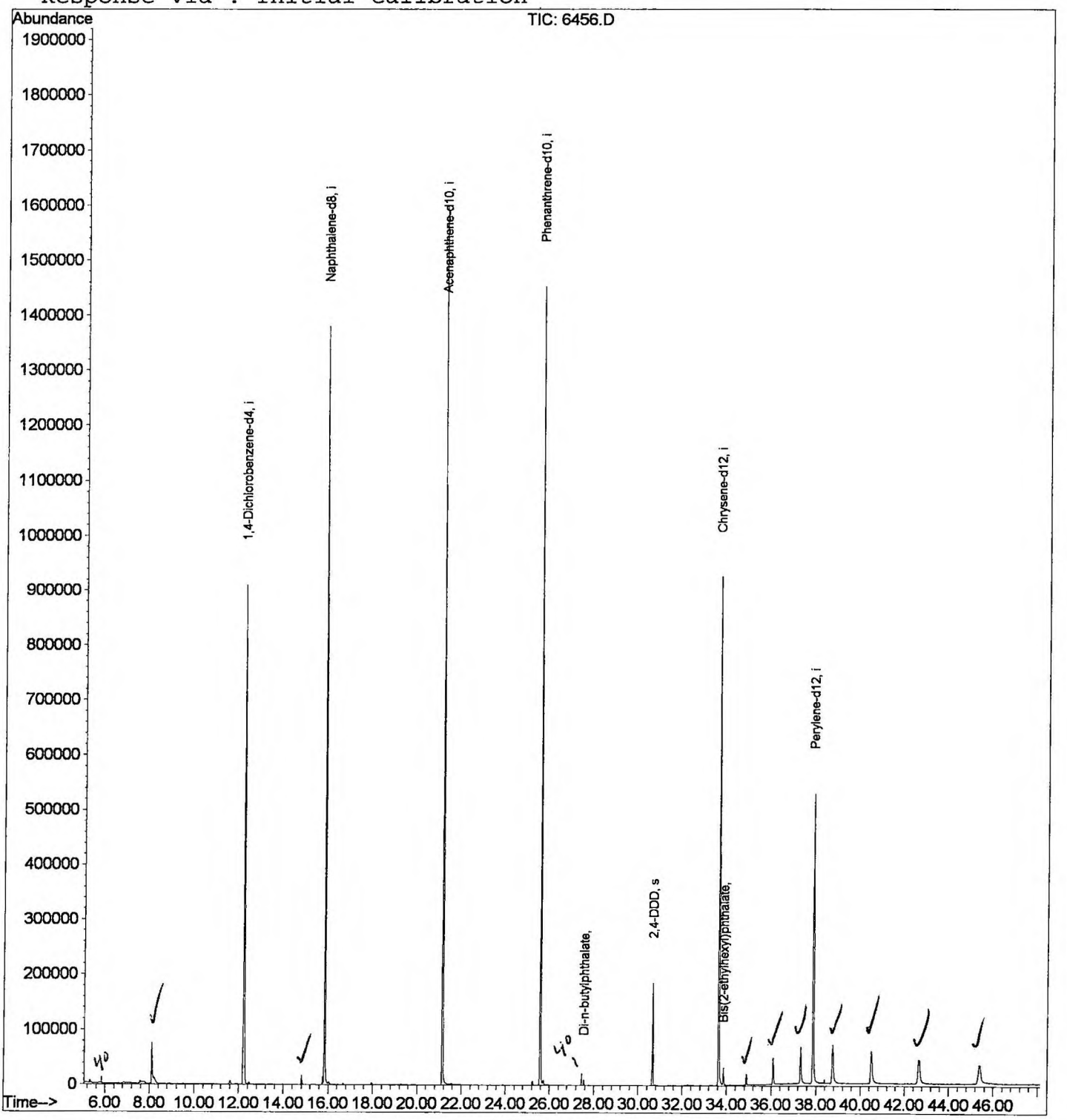


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1702\6456.D Vial: 14
Acq On : 17 Apr 2002 8:55 pm Operator:
Sample : gc/ms scan 3/19 fb 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

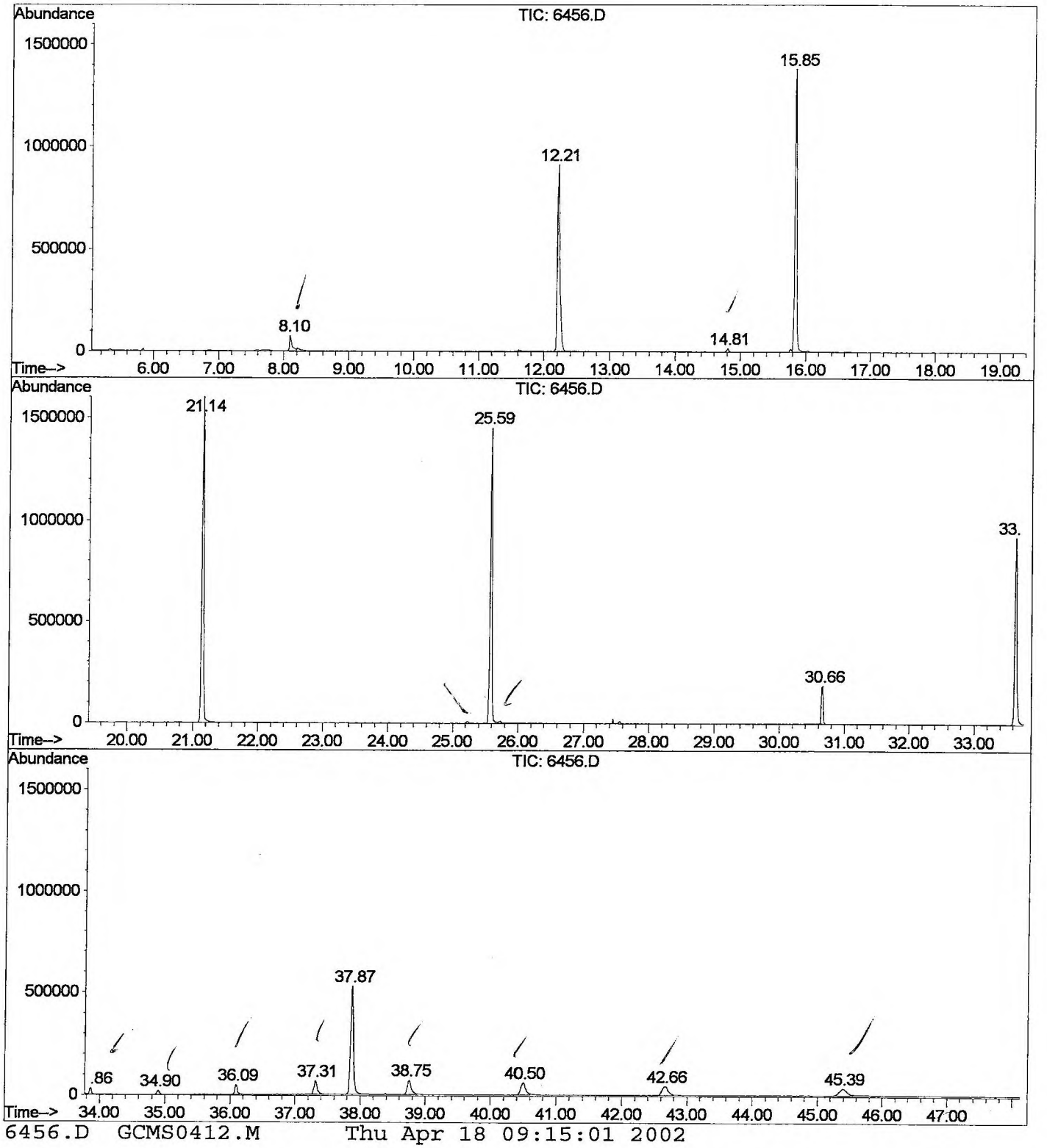
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.099	330	333	344	rBV	74354	196266	6.14%	1.148%
2	12.212	775	781	797	rBV	908609	2274318	71.17%	13.302%
3	14.810	1060	1064	1069	rVB2	17687	32238	1.01%	0.189%
4	15.847	1171	1177	1195	rVB	1378691	2859440	89.48%	16.724%
5	21.144	1748	1754	1767	rBV	1600452	3195763	100.00%	18.691%
6	25.588	2231	2238	2250	rBV	1452569	2976690	93.14%	17.410%
7	30.664	2786	2791	2799	rBV	185309	358428	11.22%	2.096%
8	33.639	3106	3115	3134	rBV2	925984	2030952	63.55%	11.879%
9	33.859	3134	3139	3145	rVB	31653	67390	2.11%	0.394%
10	34.896	3247	3252	3260	rBV2	19783	46711	1.46%	0.273%
11	36.090	3376	3382	3393	rBV2	48344	128465	4.02%	0.751%
12	37.311	3508	3515	3530	rBV	65893	219177	6.86%	1.282%
13	37.871	3568	3576	3595	rBV2	525979	1569710	49.12%	9.181%
14	38.752	3663	3672	3685	rBV2	69875	297920	9.32%	1.742%
15	40.496	3852	3862	3874	rBV3	58801	300581	9.41%	1.758%
16	42.663	4086	4098	4113	rBV2	43337	281969	8.82%	1.649%
17	45.389	4381	4395	4412	rBV6	33431	261549	8.18%	1.530%

Sum of corrected areas: 17097567

6456.D GCMS0412.M Thu Apr 18 09:15:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\6456.D
Operator :
Acquired : 17 Apr 2002 8:55 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/19 fb
Misc Info :
Vial Number: 14
Quant File :GCMS0412.RES (RTE Integrator)



6456.D GCMS0412.M Thu Apr 18 09:15:01 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6456.D Vial: 14
Acq On : 17 Apr 2002 8:55 pm Operator:
Sample : gc/ms scan 3/19 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

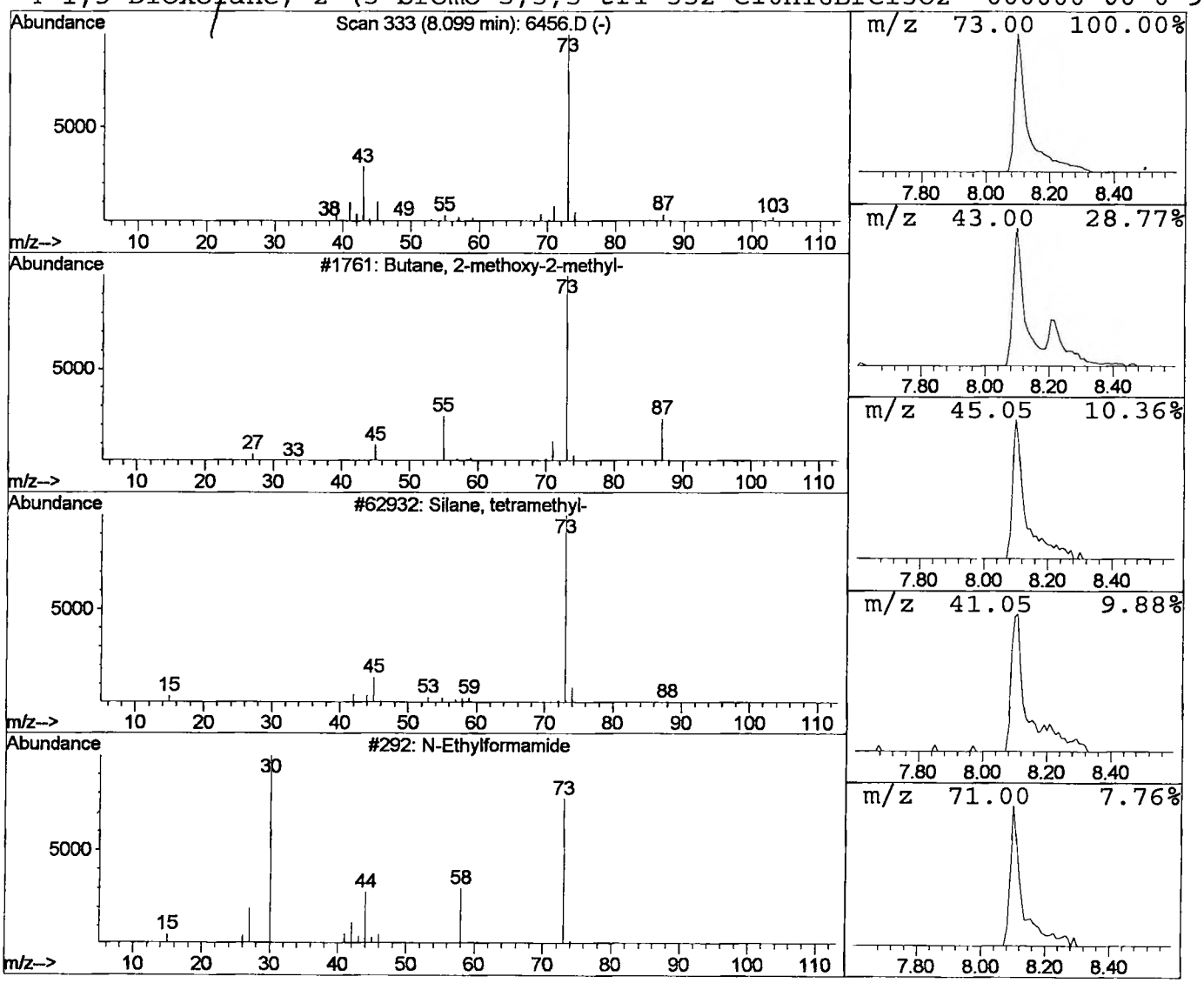
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	1.73 ug/l	196266	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6456.D
Acq On : 17 Apr 2002 8:55 pm
Sample : gc/ms scan 3/19 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator:
Inst : 209
Multiplr: 1.00

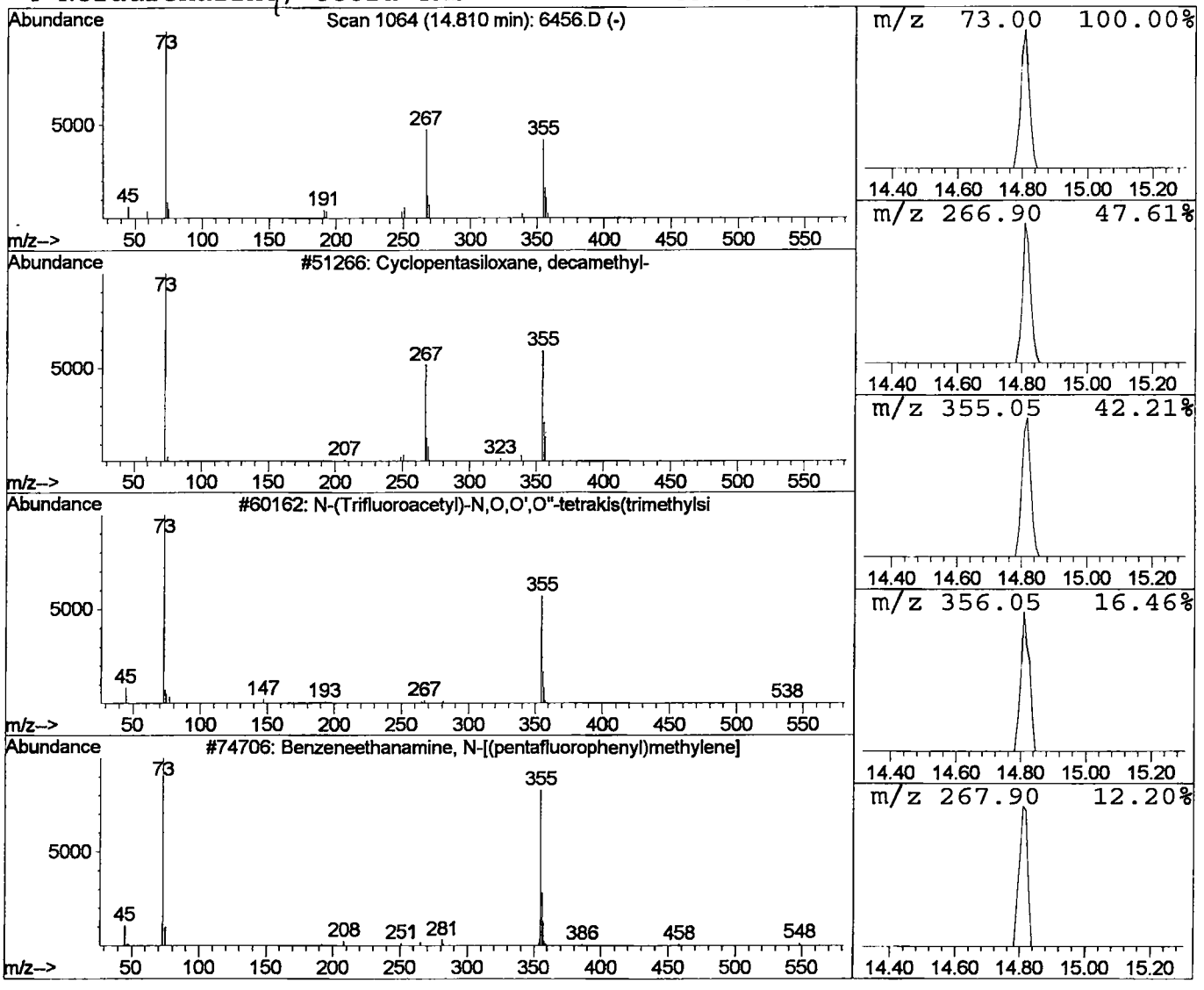
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.23 ug/l	32238	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37



Library Search Compound Report

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Acq On : 17 Apr 2002 8:55 pm Operator:
Sample : gc/ms scan 3/19 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

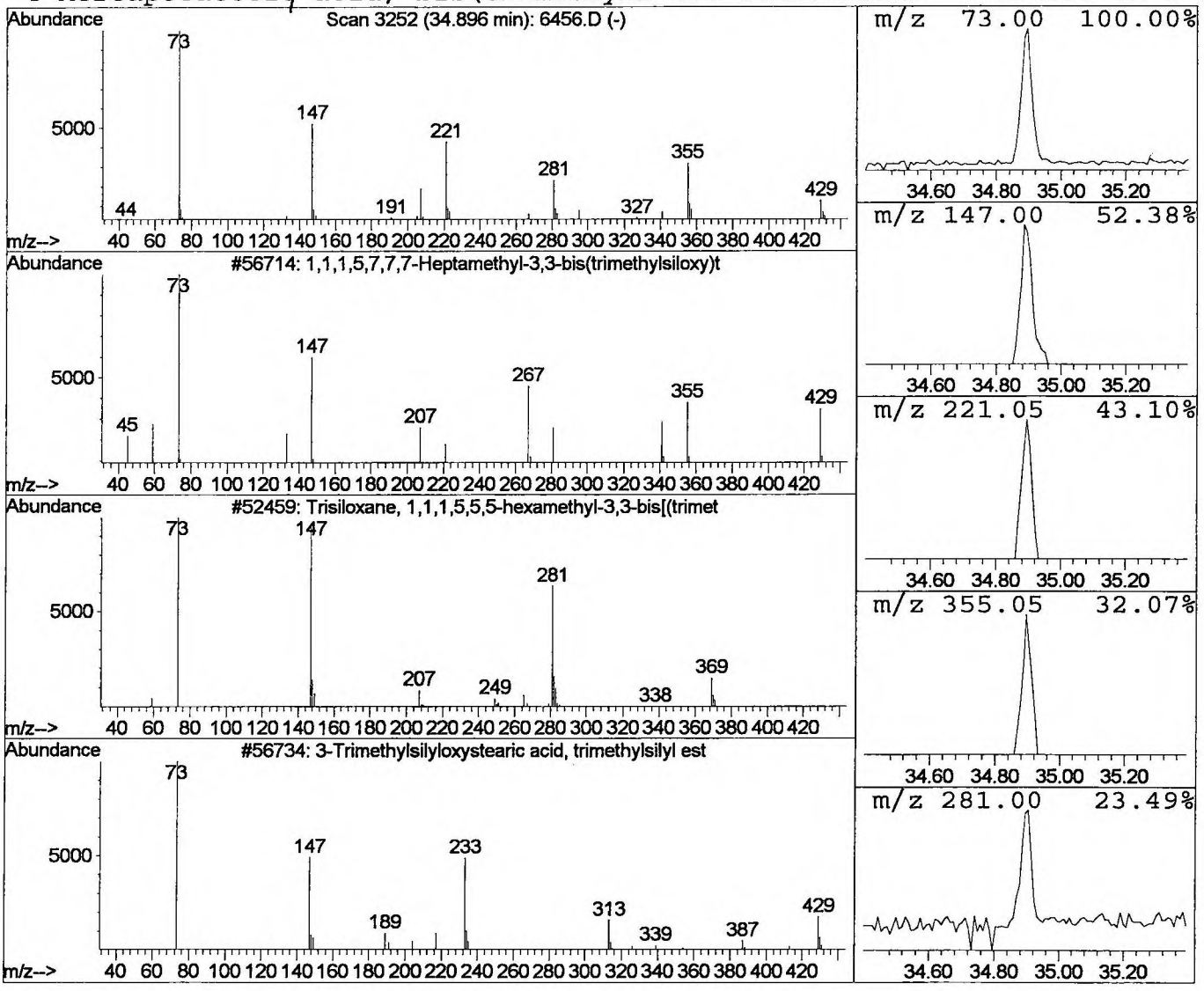
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.90	0.46 ug/l	46711	Chrysene-d12	33.64

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	37
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	16
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	16
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	10



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Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
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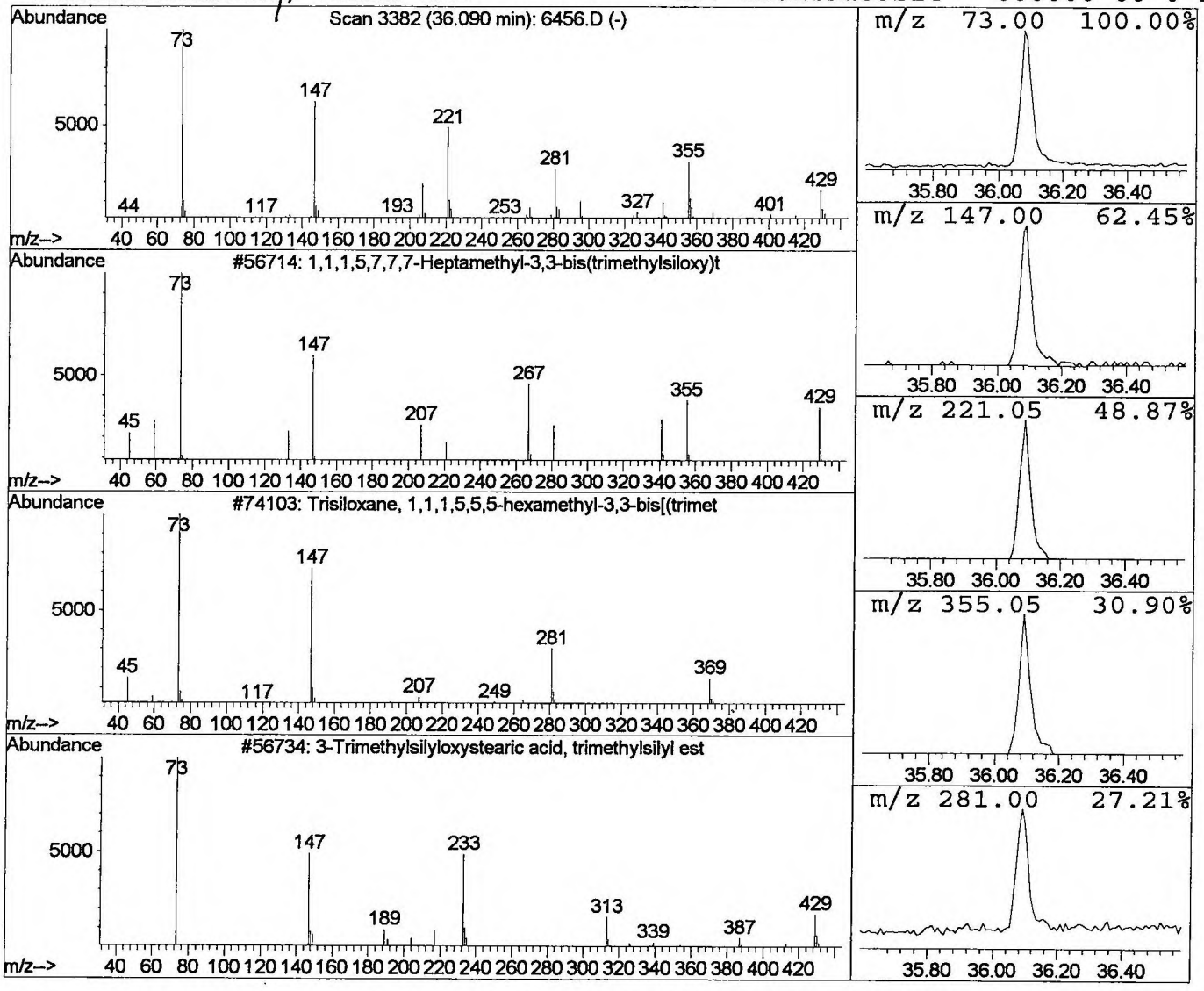
****

Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.09	1.64 ug/l	128465	Perylene-d12	37.87

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	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	12
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	10



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Acq On : 17 Apr 2002 8:55 pm Operator:
Sample : gc/ms scan 3/19 fb 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
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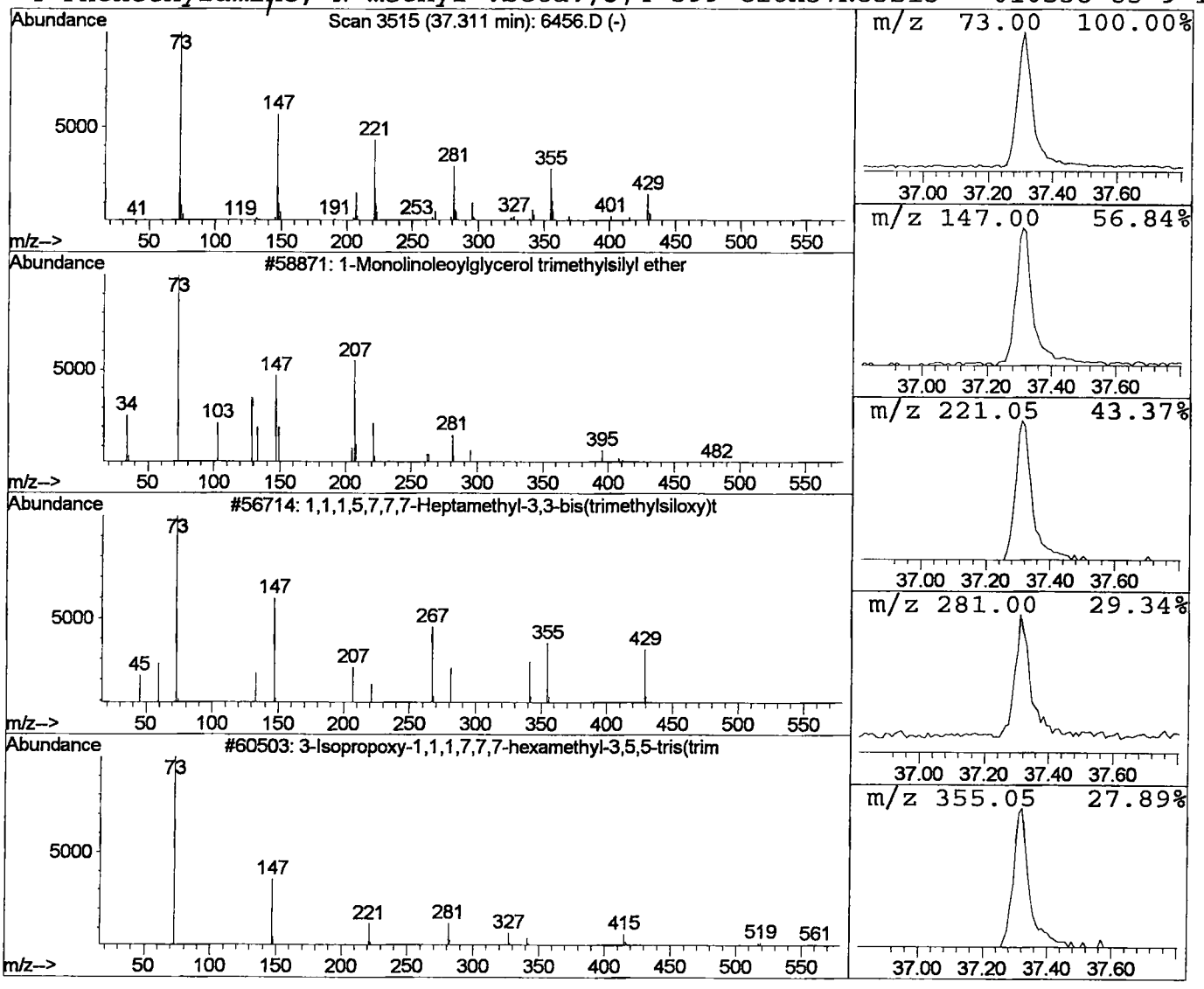
****

Peak Number 5 1-Monolinoleoylglycerol trimet Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.31	2.79 ug/l	219177	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	20
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	10



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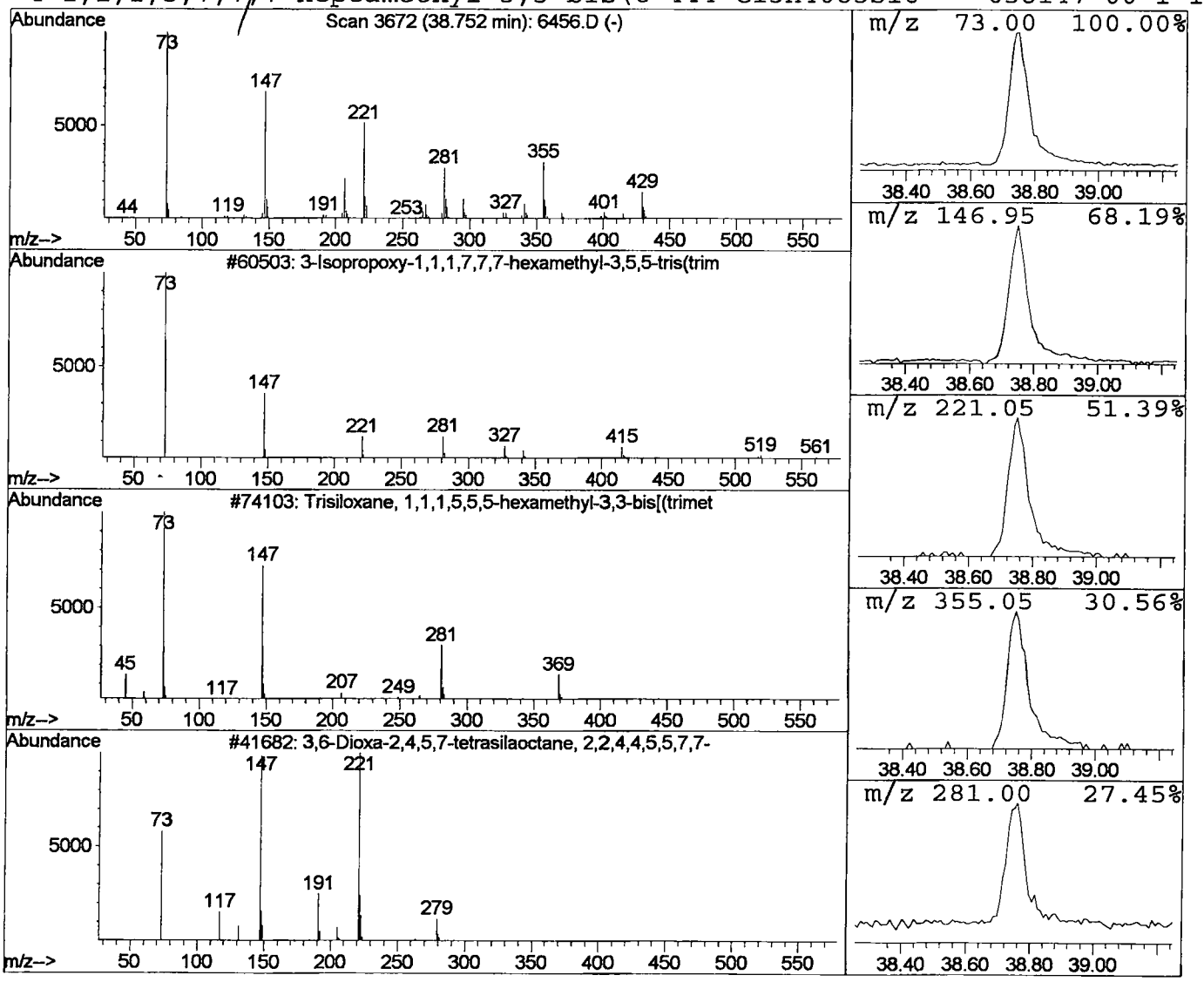
****

Peak Number 6 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.75	3.80 ug/l	297920	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	27
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	13



Library Search Compound Report

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Sample : gc/ms scan 3/19 fb Inst : 209
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
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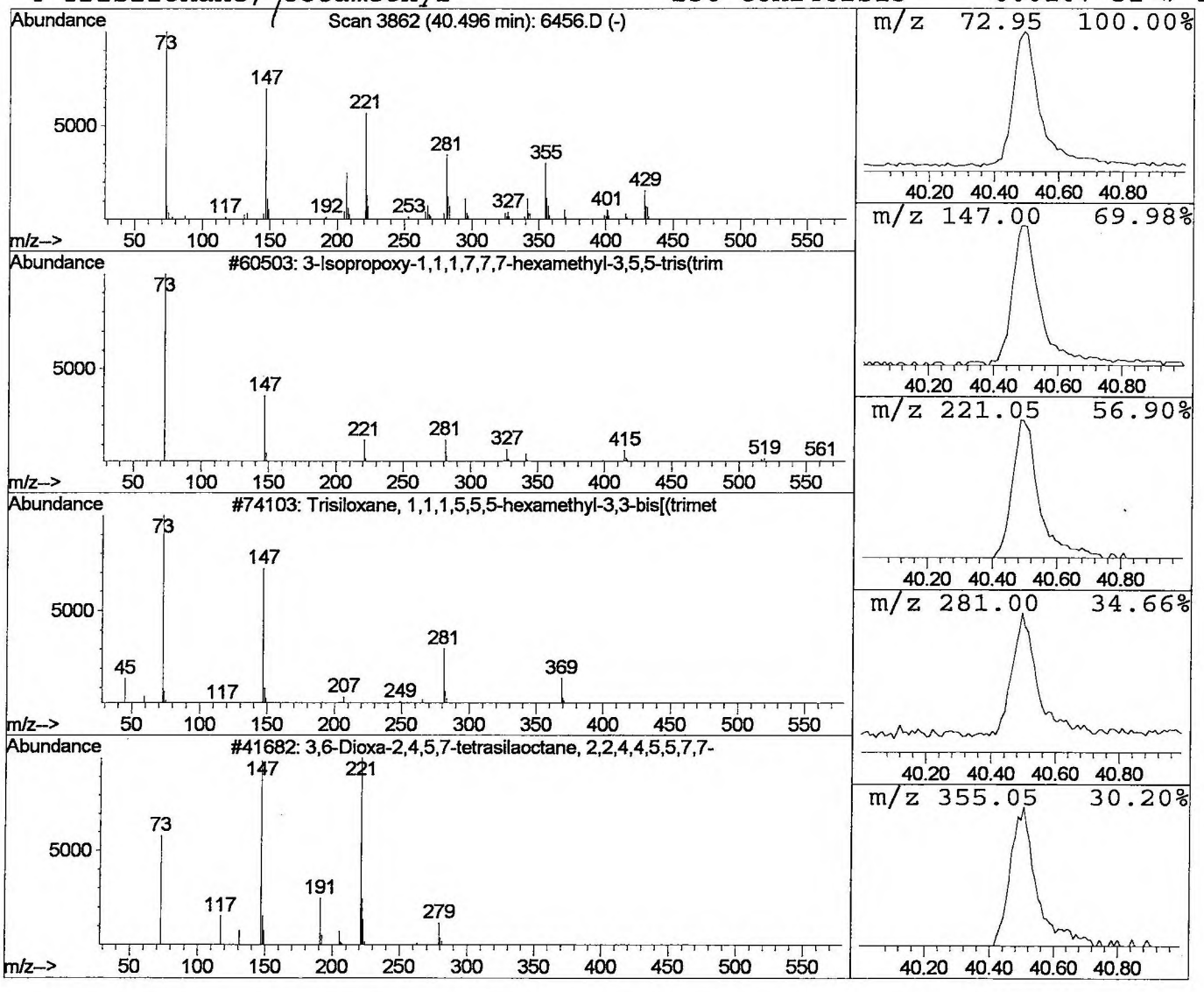
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.50	3.83 ug/l	300581	Perylene-d12	37.87

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	25
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	23
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	10



Library Search Compound Report

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Acq On : 17 Apr 2002 8:55 pm
Sample : gc/ms scan 3/19 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator:
Inst : 209
Multiplr: 1.00

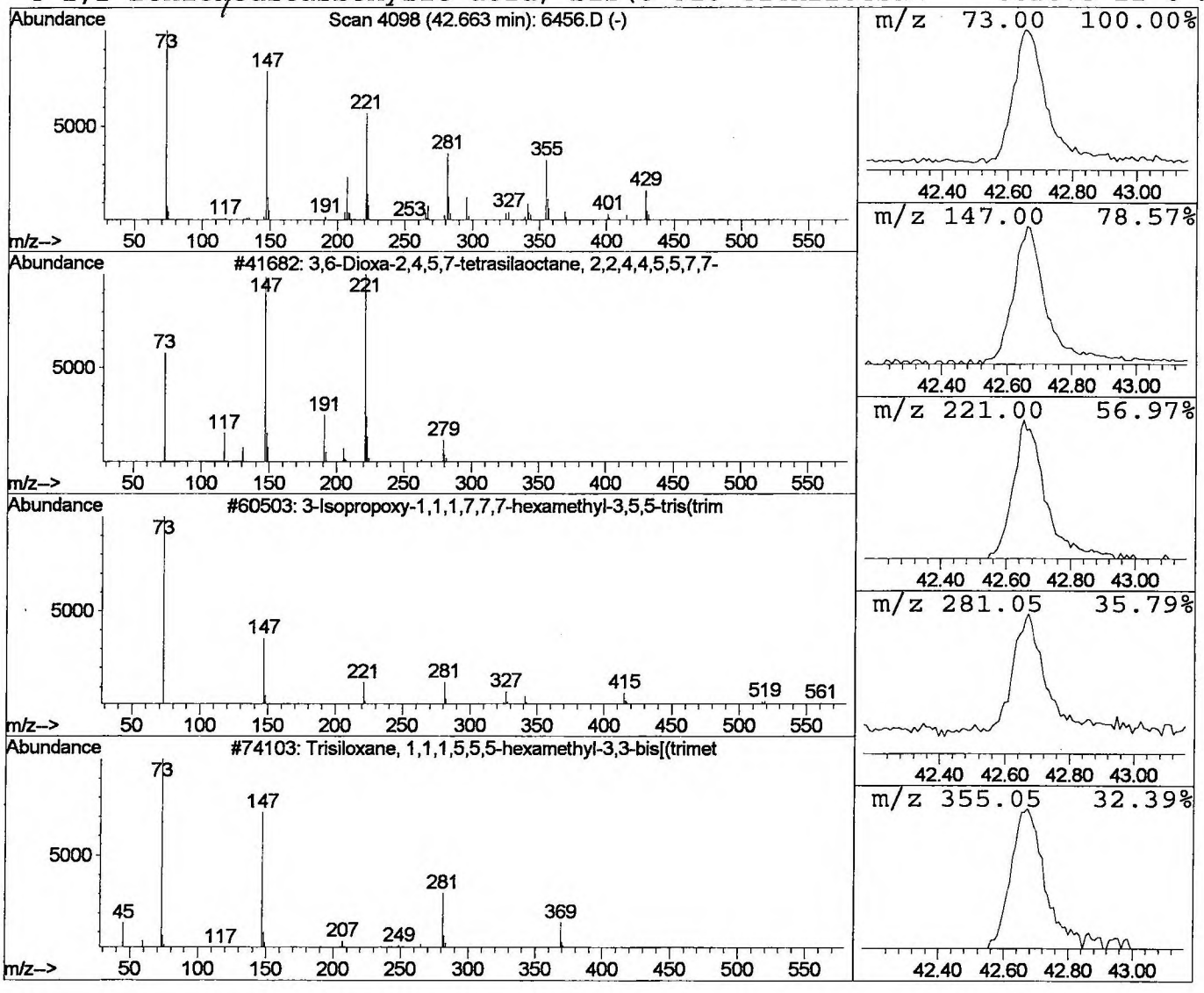
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.66	3.59 ug/l	281969	Perylene-d12	37.87

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	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	38
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	27



Library Search Compound Report

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Acq On : 17 Apr 2002 8:55 pm Operator:
Sample : gc/ms scan 3/19 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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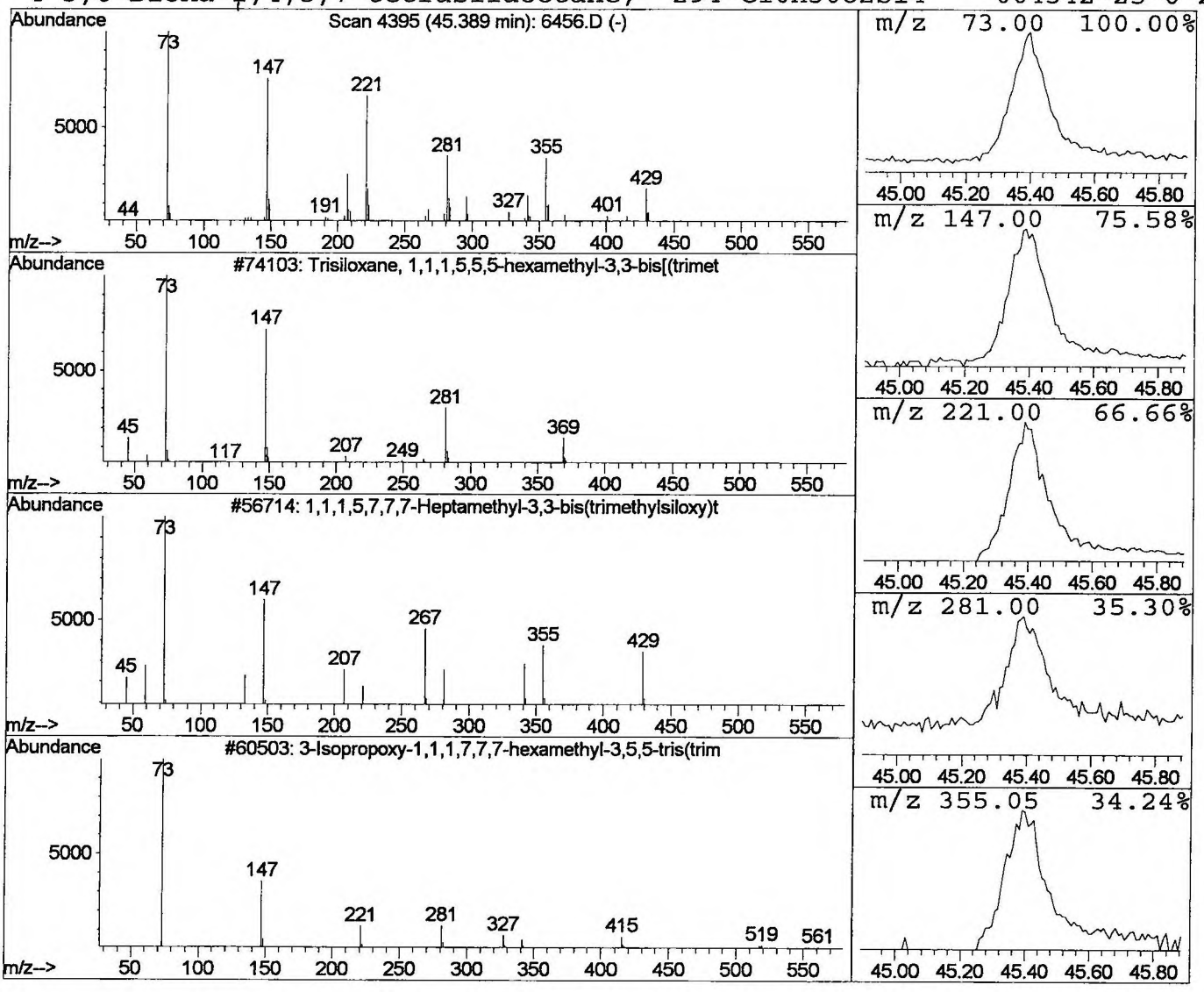
****

Peak Number 9 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.39	3.33 ug/l	261549	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	43
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	40
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
4	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 17 Apr 2002 8:55 pm
Data File: C:\HPCHEM\1\DATA\APR1702\6456.D
Name: gc/ms scan 3/19 fb
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
Butane, 2-methoxy-2-	8.10	1.7	ug/l	196266	ISTD01	12.21	2274320	20.0
Cyclopentasiloxane,	14.81	0.2	ug/l	32238	ISTD02	15.85	2859440	20.0
1,1,1,5,7,7,7-Heptam	34.90	0.5	ug/l	46711	ISTD05	33.64	2030950	20.0
1,1,1,5,7,7,7-Heptam	36.09	1.6	ug/l	128465	ISTD06	37.87	1569710	20.0
1-Monolinoleoylglyce	37.31	2.8	ug/l	219177	ISTD06	37.87	1569710	20.0
3-Isopropoxy-1,1,1,7	38.75	3.8	ug/l	297920	ISTD06	37.87	1569710	20.0
3-Isopropoxy-1,1,1,7	40.50	3.8	ug/l	300581	ISTD06	37.87	1569710	20.0
3,6-Dioxa-2,4,5,7-te	42.66	3.6	ug/l	281969	ISTD06	37.87	1569710	20.0
Trisiloxane, 1,1,1,5	45.39	3.3	ug/l	261549	ISTD06	37.87	1569710	20.0

6456.D GCMS0412.M Thu Apr 18 09:15:11 2002