User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:29:00

Sample: AE06452
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/19/02 14:28 Ended: 4/19/02 14:28 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		117		5.0

Comments for Sample AE06452 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-19-2002 Time: 14:29:25

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\6452.D Vial: 10
Acq On : 17 Apr 2002 5:02 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:01 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	445497	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1594766	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	898385	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1260829	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	725836	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	477327	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	86096	5.87	ug/mL	0.16
Spiked Amount 5.000			Recovery = 117.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.44	74	285	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	250	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	1838	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 5:02 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
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

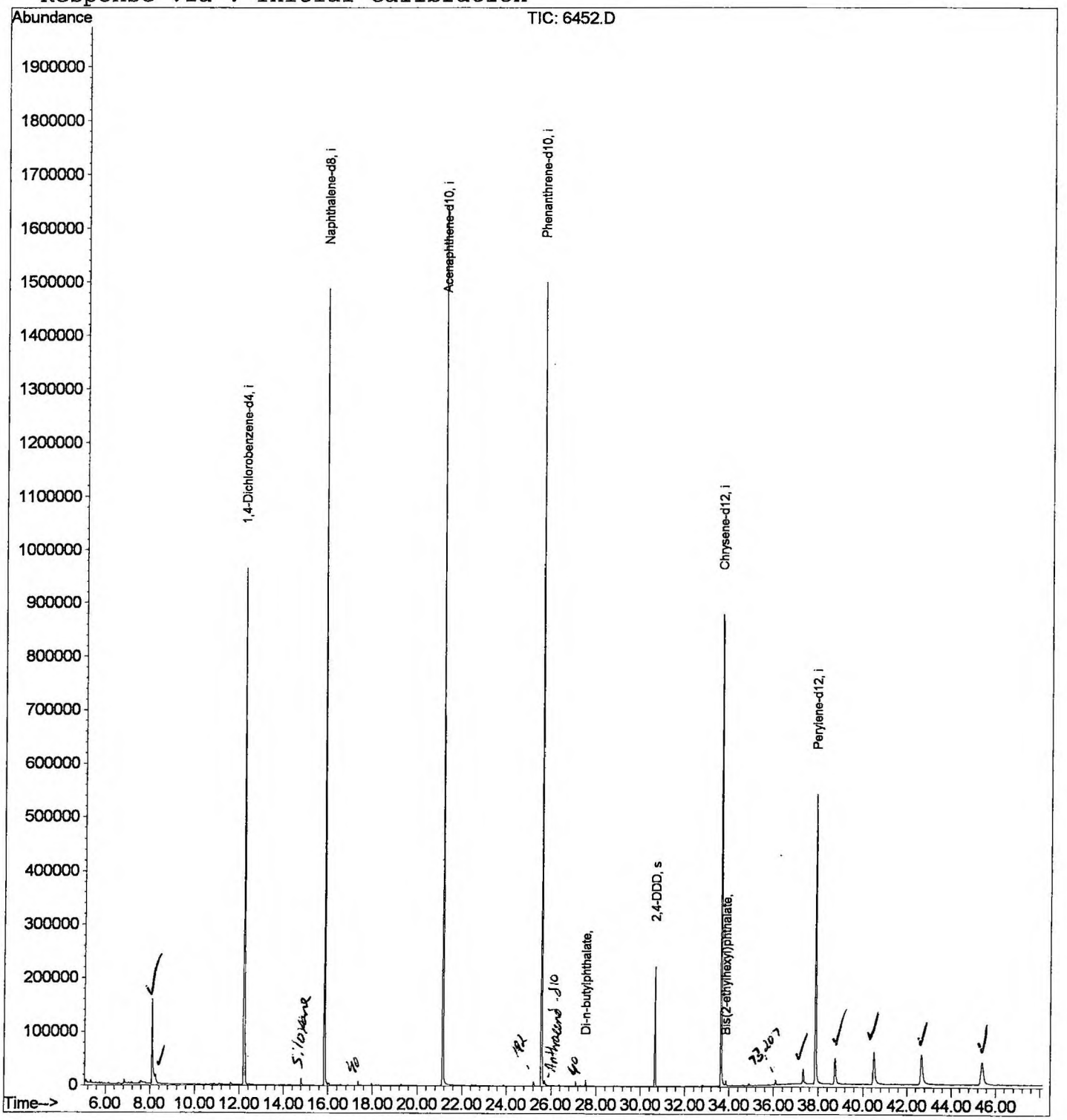
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.59	178	510	N.D.	
35)	Anthracene	25.59	178	509	N.D.	
36)	Di-n-butylphthalate	27.56	149	13534	0.33 ug/l	99
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	32.08	149	190	N.D.	
42)	Benzo(a)anthracene	33.65	228	1603	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.87	149	6279	0.34 ug/l #	92
44)	Chrysene	33.65	228	1603	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.69	252	208	N.D.	
48)	Benzo(k)fluoranthene	36.78	252	107	N.D.	
49)	Benzo(a)pyrene	37.87	252	1816	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	43.18	276	181	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1702\6452.D Vial: 10
Acq On : 17 Apr 2002 5:02 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:01 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\APR1702\6452.D Vial: 10
Acq On : 17 Apr 2002 5:02 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

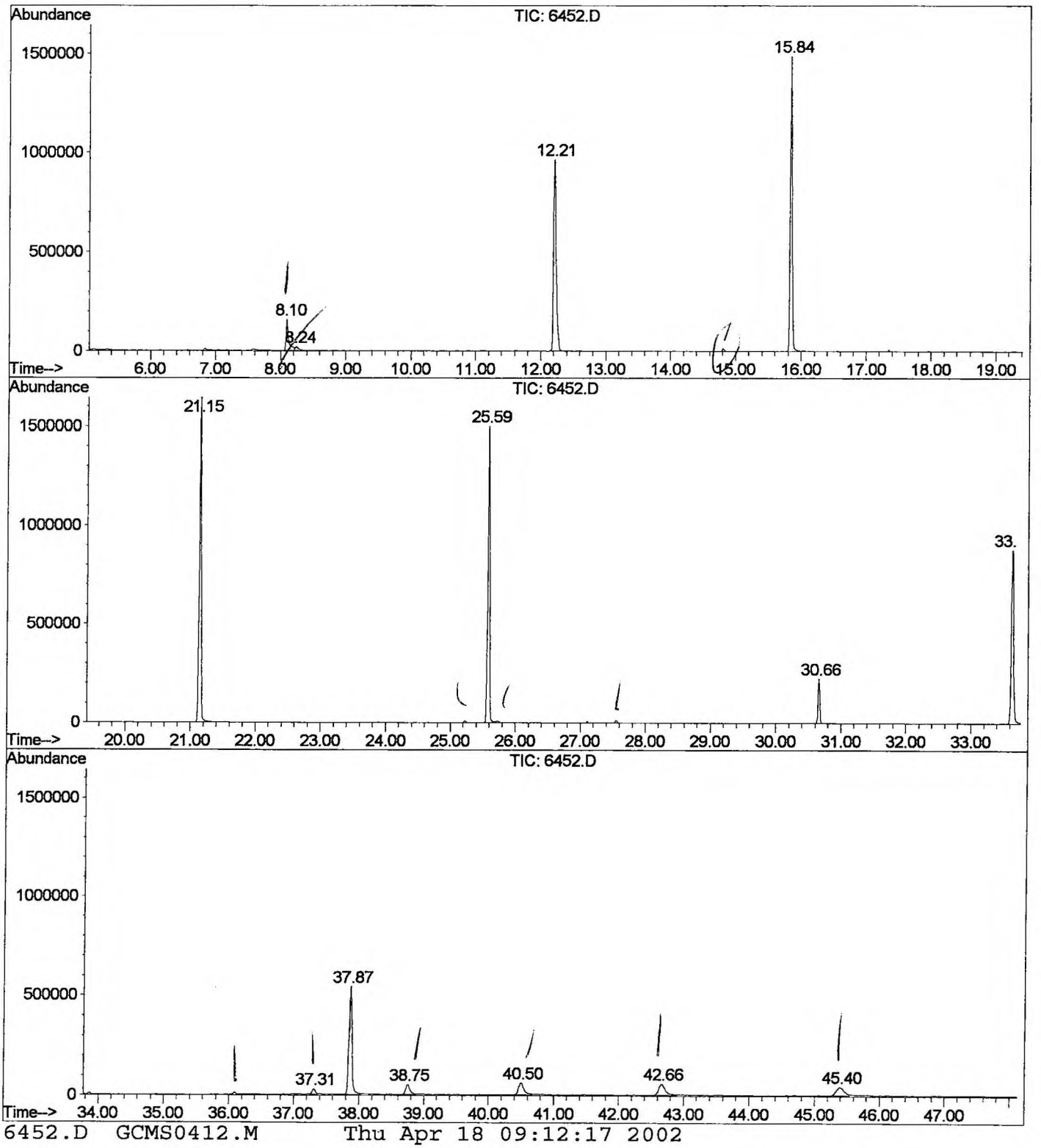
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.097	328	332	345	rBV	156962	414038	12.24%	2.320%
2	8.244	345	348	361	rVB	18015	61412	1.81%	0.344%
3	12.210	775	780	795	rVB	963967	2368698	70.00%	13.273%
4	15.845	1170	1176	1193	rBV	1486913	3002662	88.74%	16.826%
5	21.151	1747	1754	1774	rBV	1643862	3383851	100.00%	18.962%
6	25.585	2231	2237	2249	rBV2	1499282	3152185	93.15%	17.664%
7	30.662	2785	2790	2795	rBV	223208	423918	12.53%	2.376%
8	33.636	3108	3114	3133	rBV2	879783	2088158	61.71%	11.701%
9	37.309	3507	3514	3520	rBV2	27876	85416	2.52%	0.479%
10	37.869	3567	3575	3592	rBV2	539224	1617295	47.79%	9.063%
11	38.750	3662	3671	3685	rBV3	48038	209533	6.19%	1.174%
12	40.503	3850	3862	3881	rBV2	59637	334693	9.89%	1.876%
13	42.661	4085	4097	4123	rBV3	54764	370261	10.94%	2.075%
14	45.396	4379	4395	4410	rBV5	41128	333206	9.85%	1.867%

Sum of corrected areas: 17845326

6452.D GCMS0412.M Thu Apr 18 09:12:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\6452.D
Operator :
Acquired : 17 Apr 2002 5:02 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/19
Misc Info :
Vial Number: 10
Quant File :GCMS0412.RES (RTE Integrator)



6452.D GCMS0412.M Thu Apr 18 09:12:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6452.D
Acq On : 17 Apr 2002 5:02 pm
Sample : gc/ms scan 3/19
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator:
Inst : 209
Multiplr: 1.00

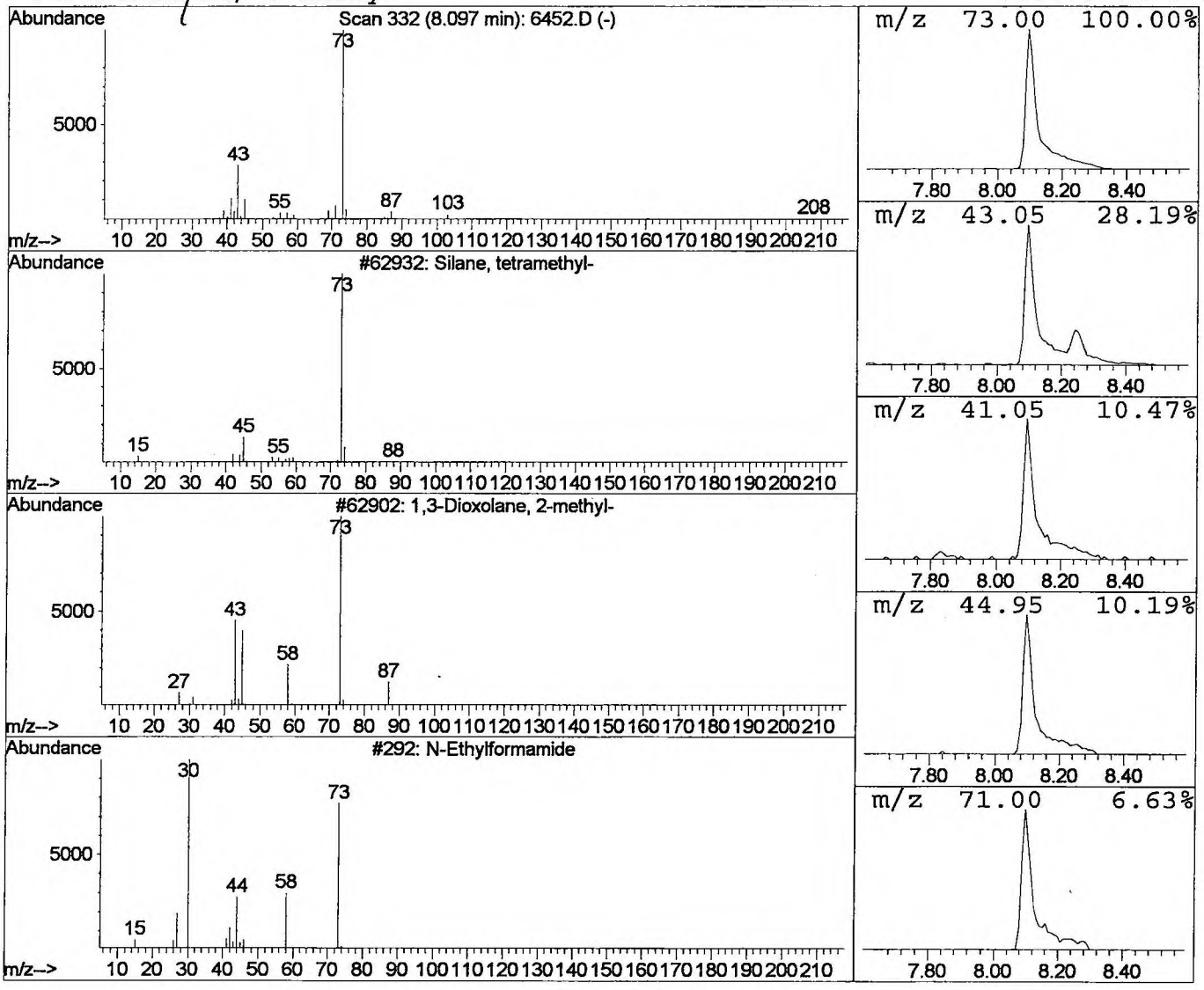
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	3.50 ug/l	414038	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6452.D Vial: 10
Acq On : 17 Apr 2002 5:02 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

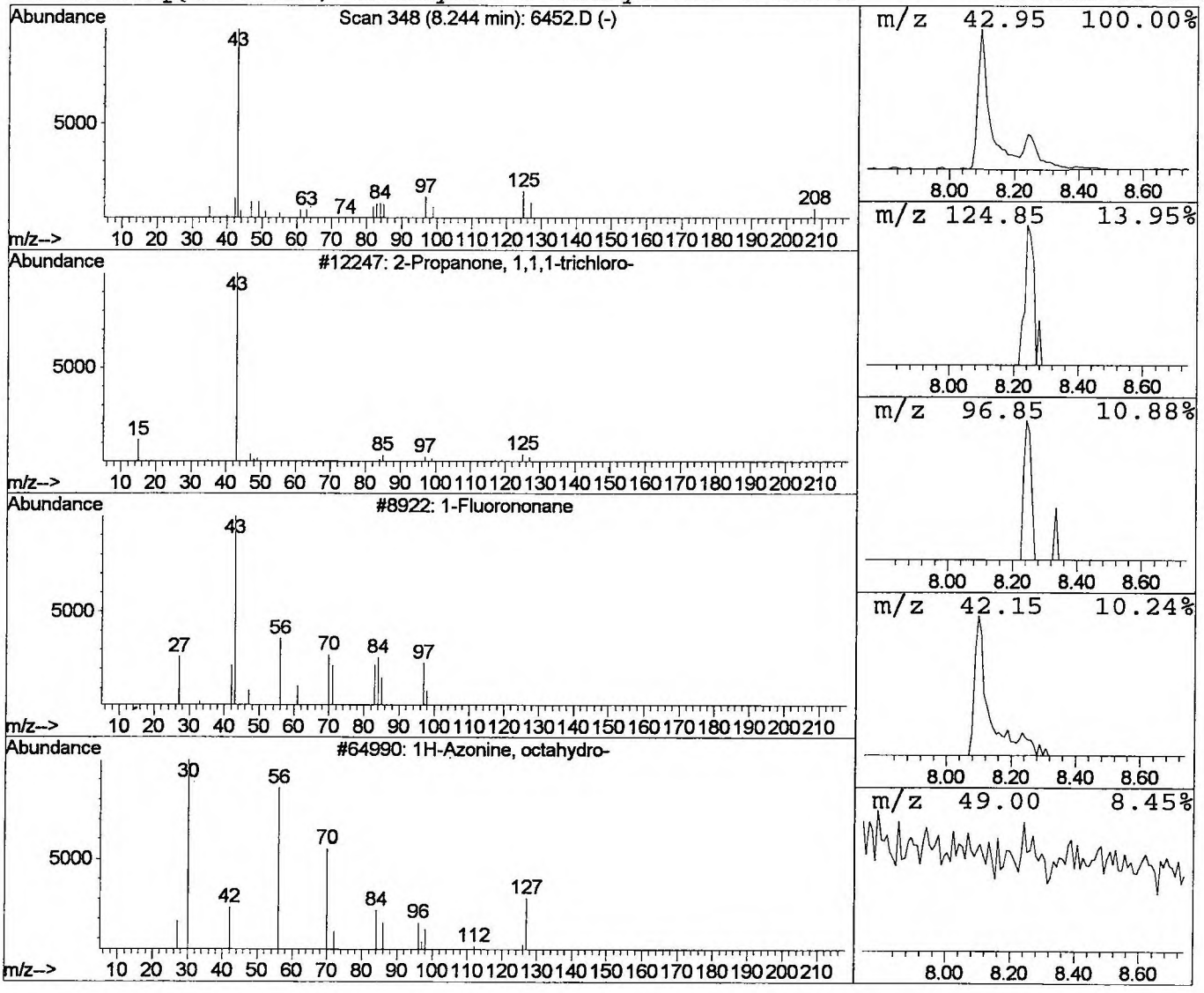
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.52 ug/l	61412	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	40
2	1-Fluorononane	146	C9H19F	000463-18-3	10
3	1H-Azonine, octahydro-	127	C8H17N	005661-71-2	5
4	2H-Azepin-2-one, hexahydro-6-methyl	127	C7H13NO	006142-55-8	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6452.D Vial: 10
Acq On : 17 Apr 2002 5:02 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

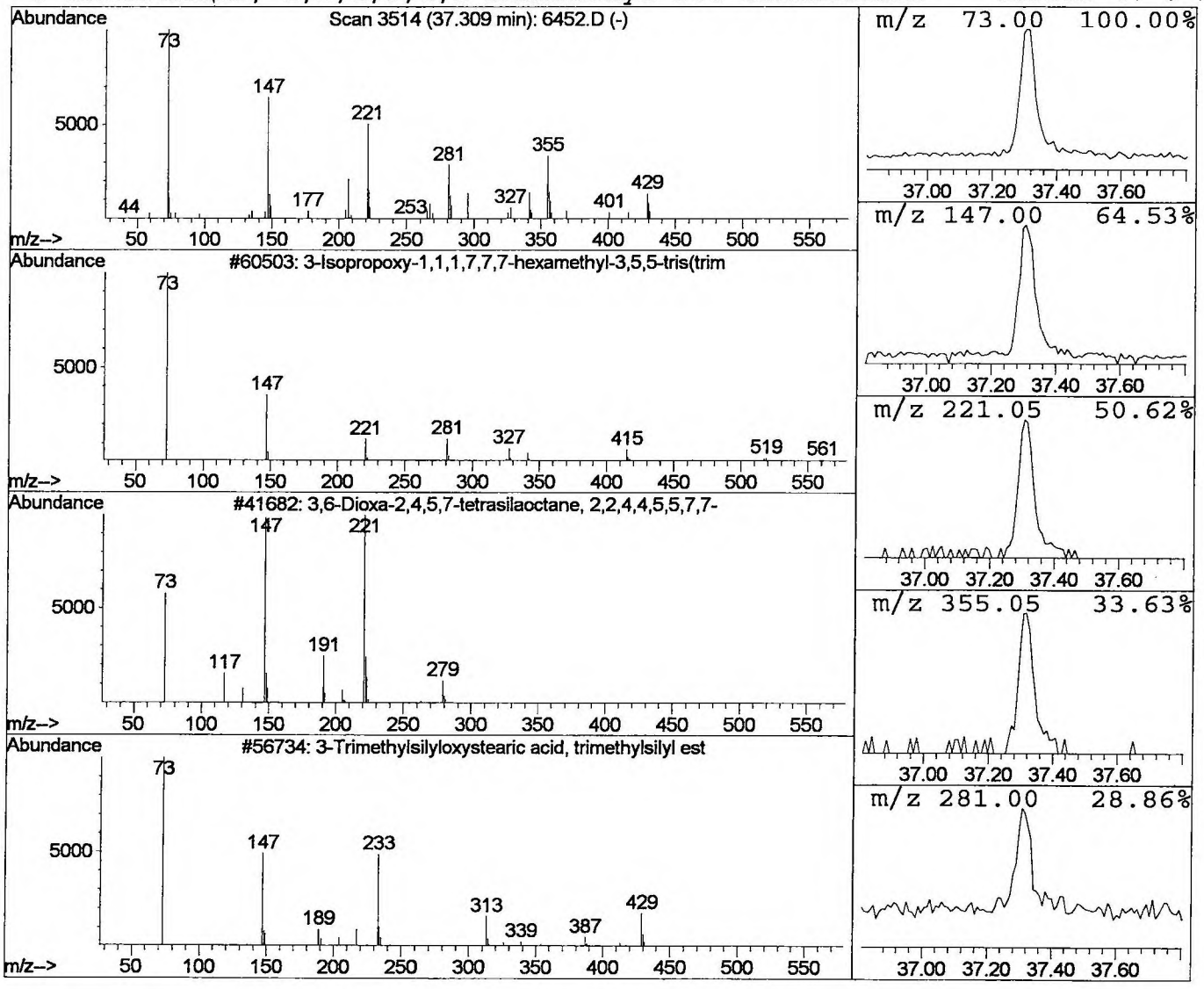
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.31	1.06 ug/l	85416	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	32
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	32
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	22
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6452.D Vial: 10
Acq On : 17 Apr 2002 5:02 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

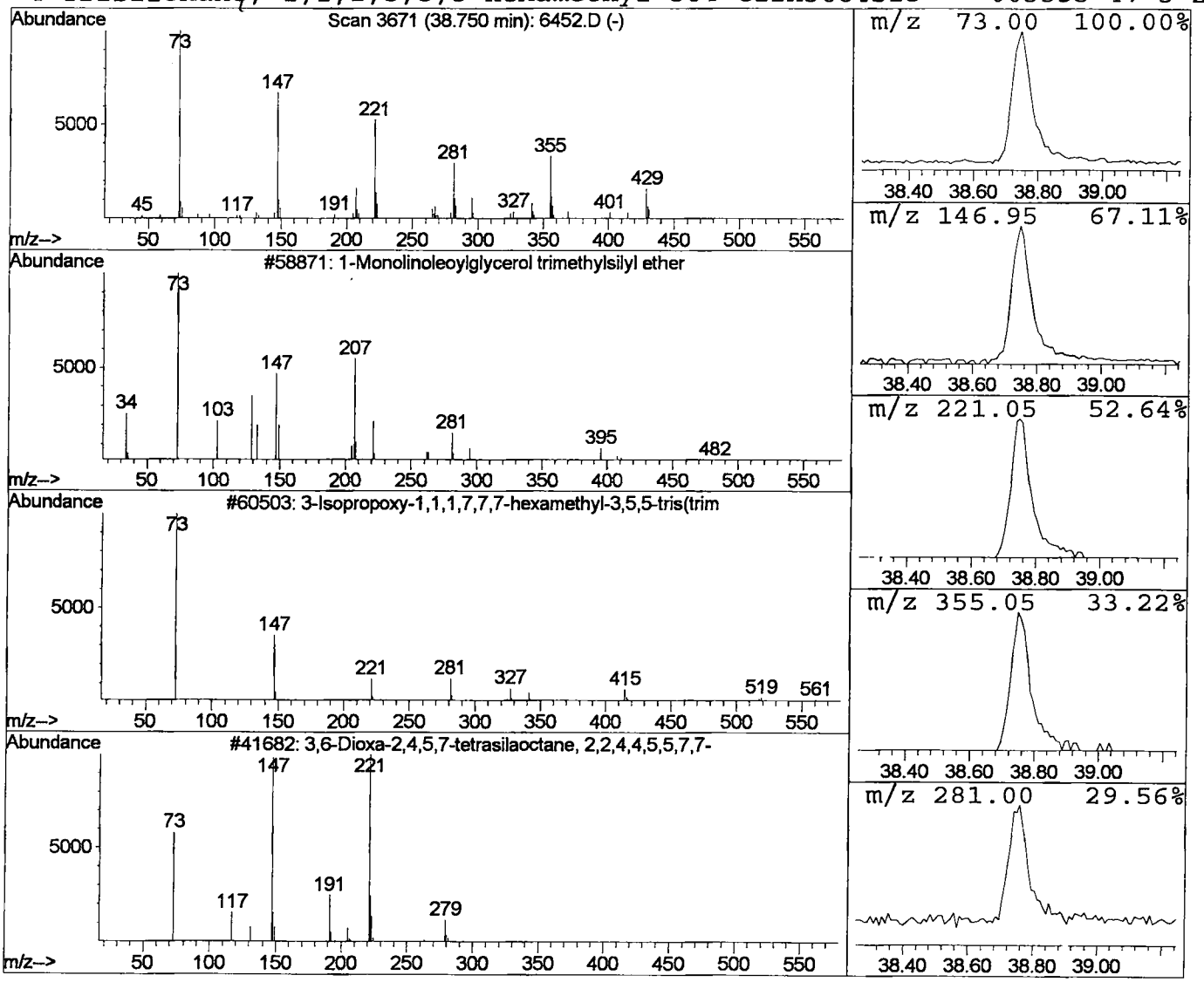
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1-Monolinoleoylglycerol trimet Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.75	2.59 ug/l	209533	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	23
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6452.D Vial: 10
Acq On : 17 Apr 2002 5:02 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

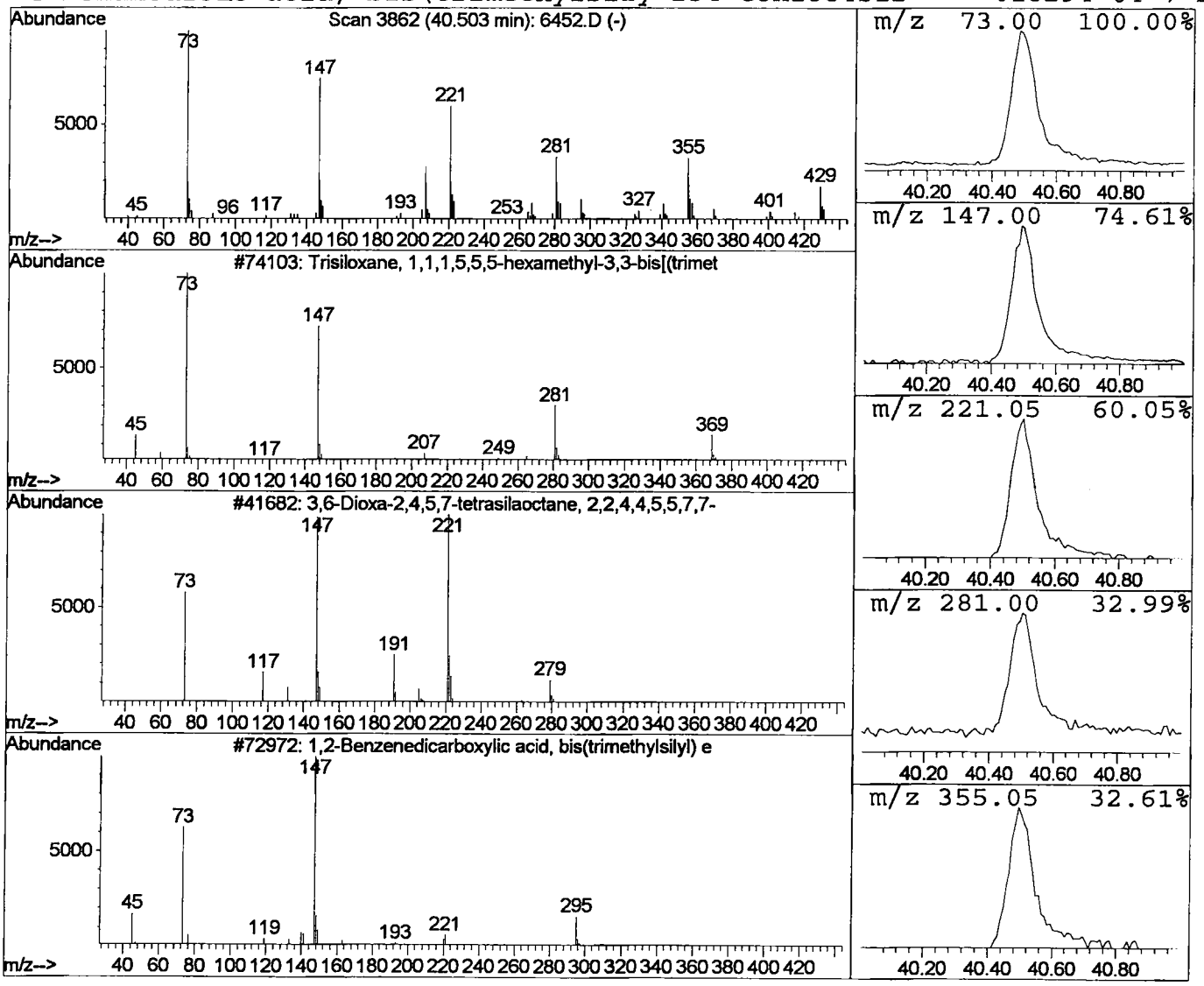
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.50	4.14 ug/l	334693	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	38
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	38
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	27
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	27



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6452.D Vial: 10
Acq On : 17 Apr 2002 5:02 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

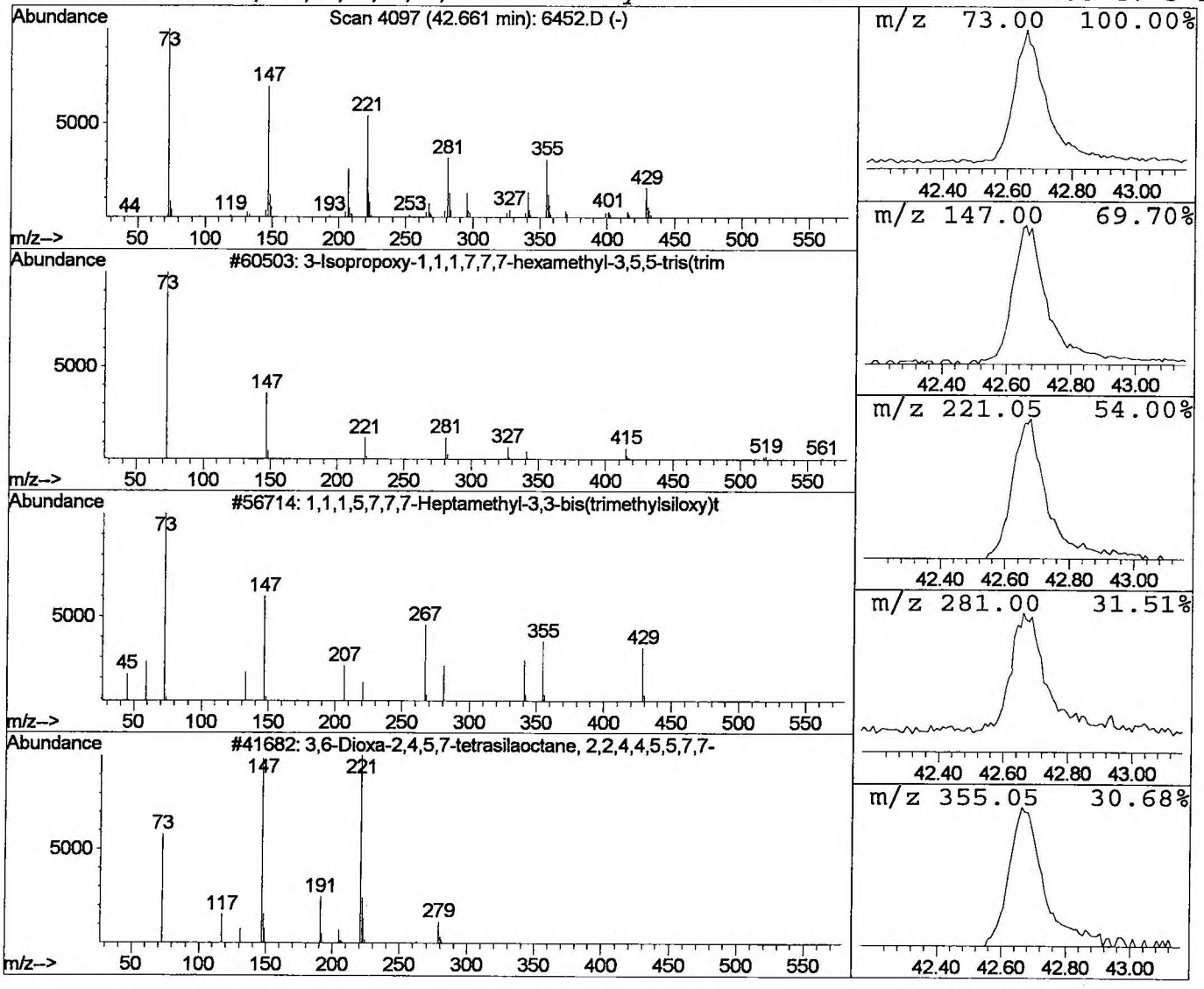
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.66	4.58 ug/l	370261	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	32
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6452.D Vial: 10
Acq On : 17 Apr 2002 5:02 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

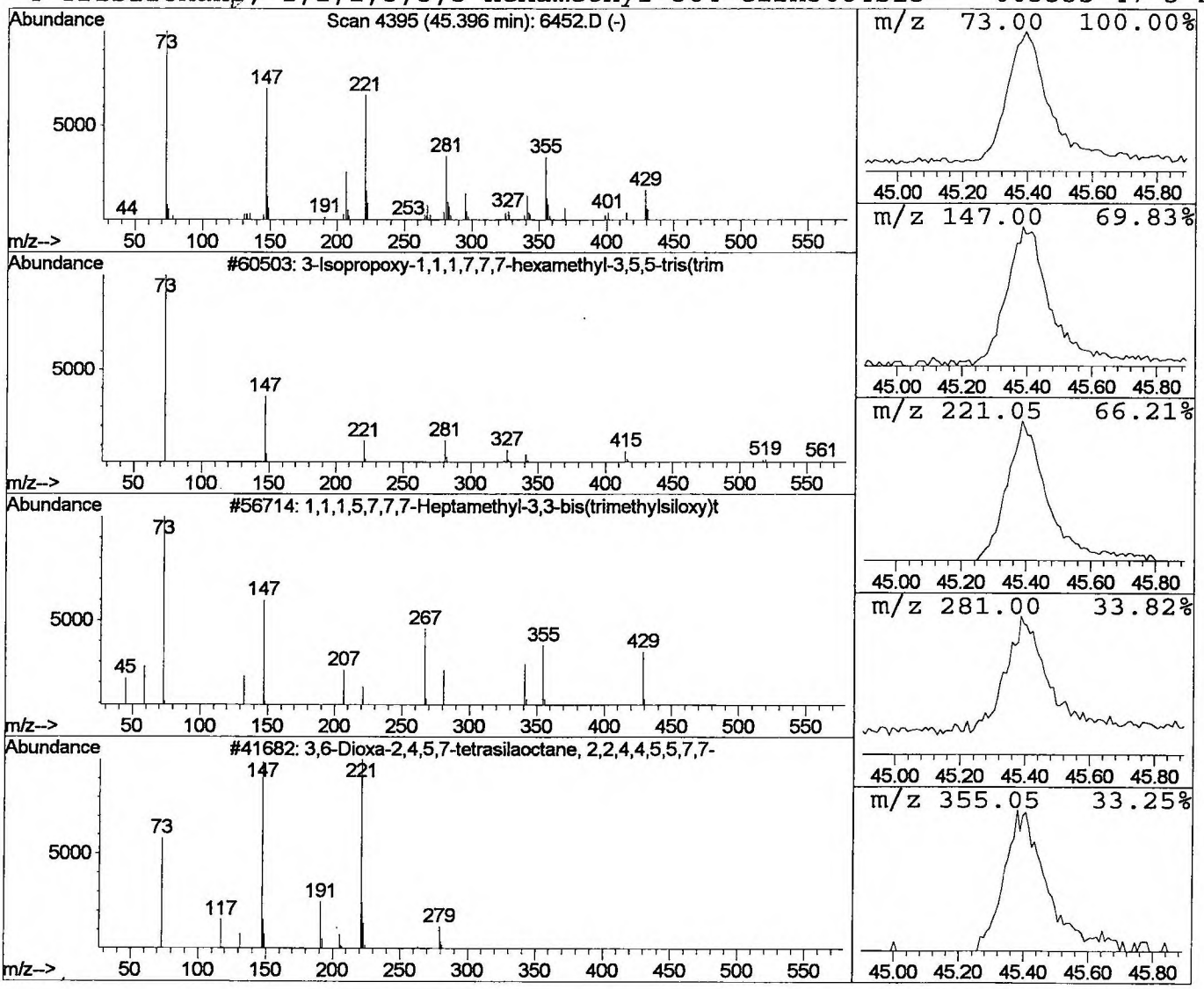
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.40	4.12 ug/l	333206	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	32
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	28
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	23
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 17 Apr 2002 5:02 pm
Data File: C:\HPCHEM\1\DATA\APR1702\6452.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	3.5	ug/l	414038	ISTD01	12.21	2368700	20.0
2-Propanone, 1,1,1-t	8.24	0.5	ug/l	61412	ISTD01	12.21	2368700	20.0
3-Isopropoxy-1,1,1,7	37.31	1.1	ug/l	85416	ISTD06	37.87	1617300	20.0
1-Monolinoleoylglyce	38.75	2.6	ug/l	209533	ISTD06	37.87	1617300	20.0
Trisiloxane, 1,1,1,5	40.50	4.1	ug/l	334693	ISTD06	37.87	1617300	20.0
3-Isopropoxy-1,1,1,7	42.66	4.6	ug/l	370261	ISTD06	37.87	1617300	20.0
3-Isopropoxy-1,1,1,7	45.40	4.1	ug/l	333206	ISTD06	37.87	1617300	20.0

6452.D GCMS0412.M Thu Apr 18 09:12:24 2002