User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 11:53:01

Sample: AE04411
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 11:52 Ended: 4/3/02 11:52 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		5.0

Comments for Sample AE04411 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 11:53:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for compounds in the LCS Standard were high. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\4411.D Vial: 17
Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 12:16 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	470194	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1793608	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	972548	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1400516	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	753850	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	450189	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	92787	~~8.09~~ 5.02	ug/mL	0.22
Spiked Amount 5.000			Recovery =	~~161.80%~~ 100%		
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	15.94	128	207	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	22.67	149	1049	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\4411.D Vial: 17
Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 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	25.63	178	440	N.D.	
34)	Anthracene	25.63	178	440	N.D.	
35)	Di-n-butylphthalate	27.60	149	5074	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.14	149	331	N.D.	
41)	Benzo(a)anthracene	33.70	228	1716	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	7024	N.D.	
43)	Chrysene	33.70	228	1716	N.D.	
45)	Di-n-Octylphthalate	35.64	149	870	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	541	N.D.	
47)	Benzo(k)fluoranthene	36.81	252	497	N.D.	
48)	Benzo(a)pyrene	37.75	252	366	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.08	276	203	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	43.33	276	654	N.D.	

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

Quantitation Report

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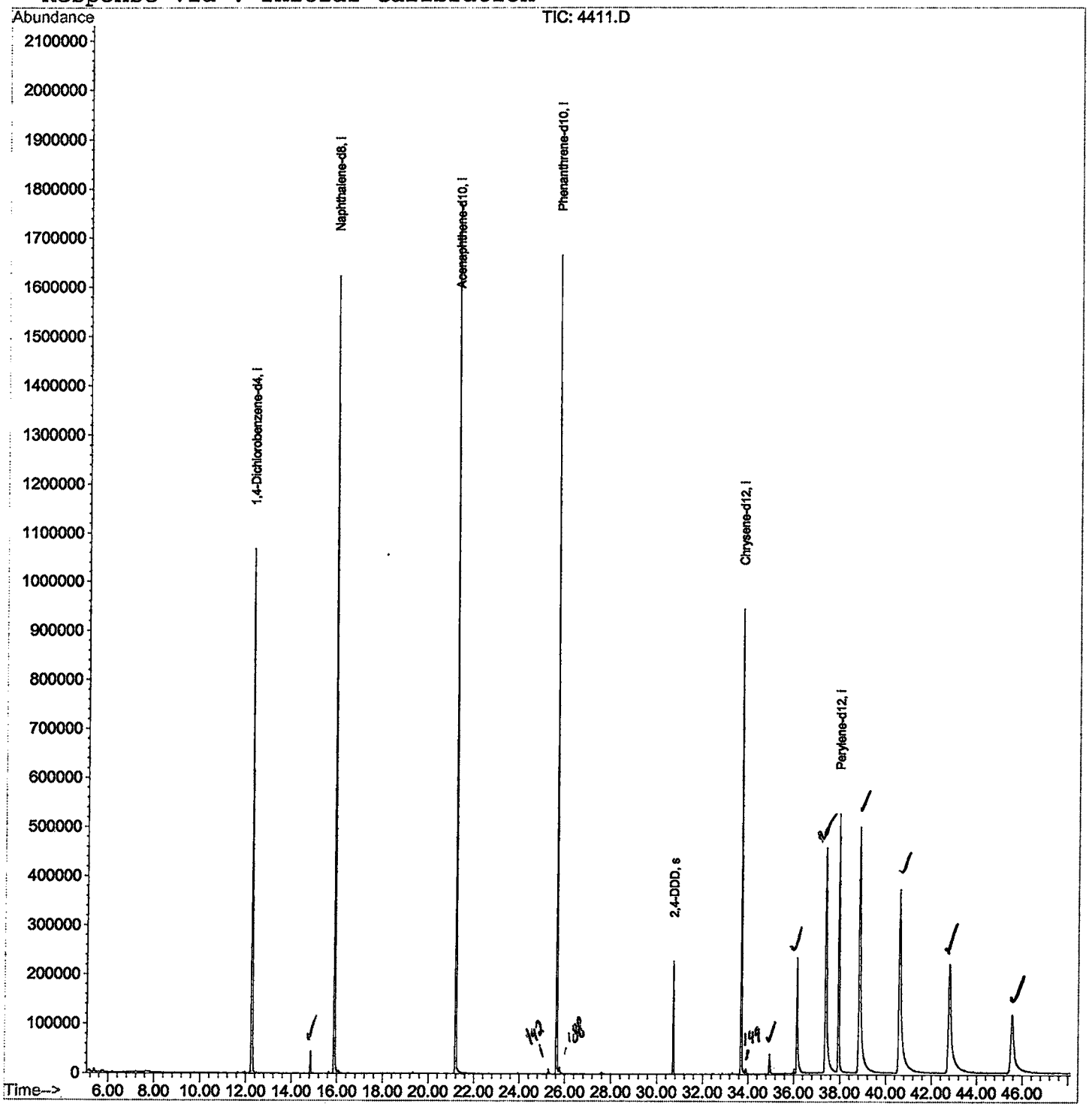
Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 12:16 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4411.D Vial: 17
Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 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

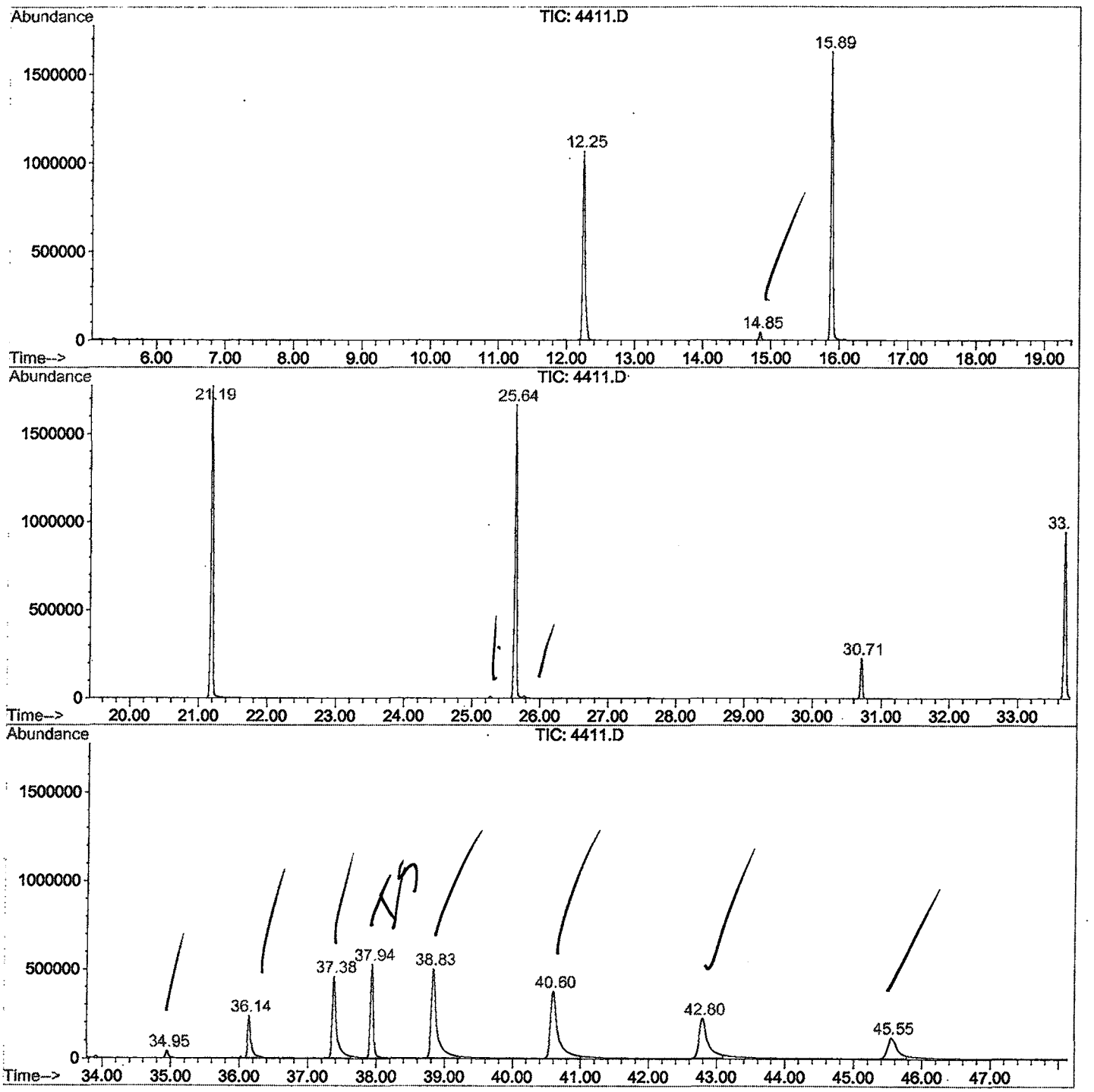
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.253	779	785	800	rVB	1066166	2547995	68.70%	8.783%
2	14.851	1063	1068	1072	rBV2	45170	89404	2.41%	0.308%
3	15.888	1175	1181	1197	rBV	1624173	3368718	90.82%	11.612%
4	21.194	1752	1759	1770	rBV	1775150	3709133	100.00%	12.786%
5	25.638	2236	2243	2254	rBV	1666069	3488751	94.06%	12.026%
6	30.705	2790	2795	2804	rBV	228665	464852	12.53%	1.602%
7	33.698	3112	3121	3138	rBV2	945486	2190471	59.06%	7.551%
8	34.946	3250	3257	3271	rBV2	39873	117291	3.16%	0.404%
9	36.140	3381	3387	3407	rBV2	233170	794313	21.42%	2.738%
10	37.379	3513	3522	3549	rBV	455709	1978386	53.34%	6.820%
11	37.939	3574	3583	3601	rBV	523172	1514753	40.84%	5.222%
12	38.830	3670	3680	3724	rBV2	497301	2870666	77.39%	9.896%
13	40.601	3859	3873	3917	rBV2	371944	2797533	75.42%	9.643%
14	42.796	4095	4112	4144	rBV2	218644	1952899	52.65%	6.732%
15	45.550	4392	4412	4436	rBV3	115722	1124455	30.32%	3.876%

Sum of corrected areas: 29009620

4411.D GCMS0308.M Thu Mar 28 12:33:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2502\4411.D
Operator :
Acquired : 26 Mar 2002 1:59 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/28
Misc Info :
Vial Number: 17
Quant File :GCMS0308.RES (RTE Integrator)



4411.D GCMS0308.M Thu Mar 28 12:33:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4411.D Vial: 17
Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

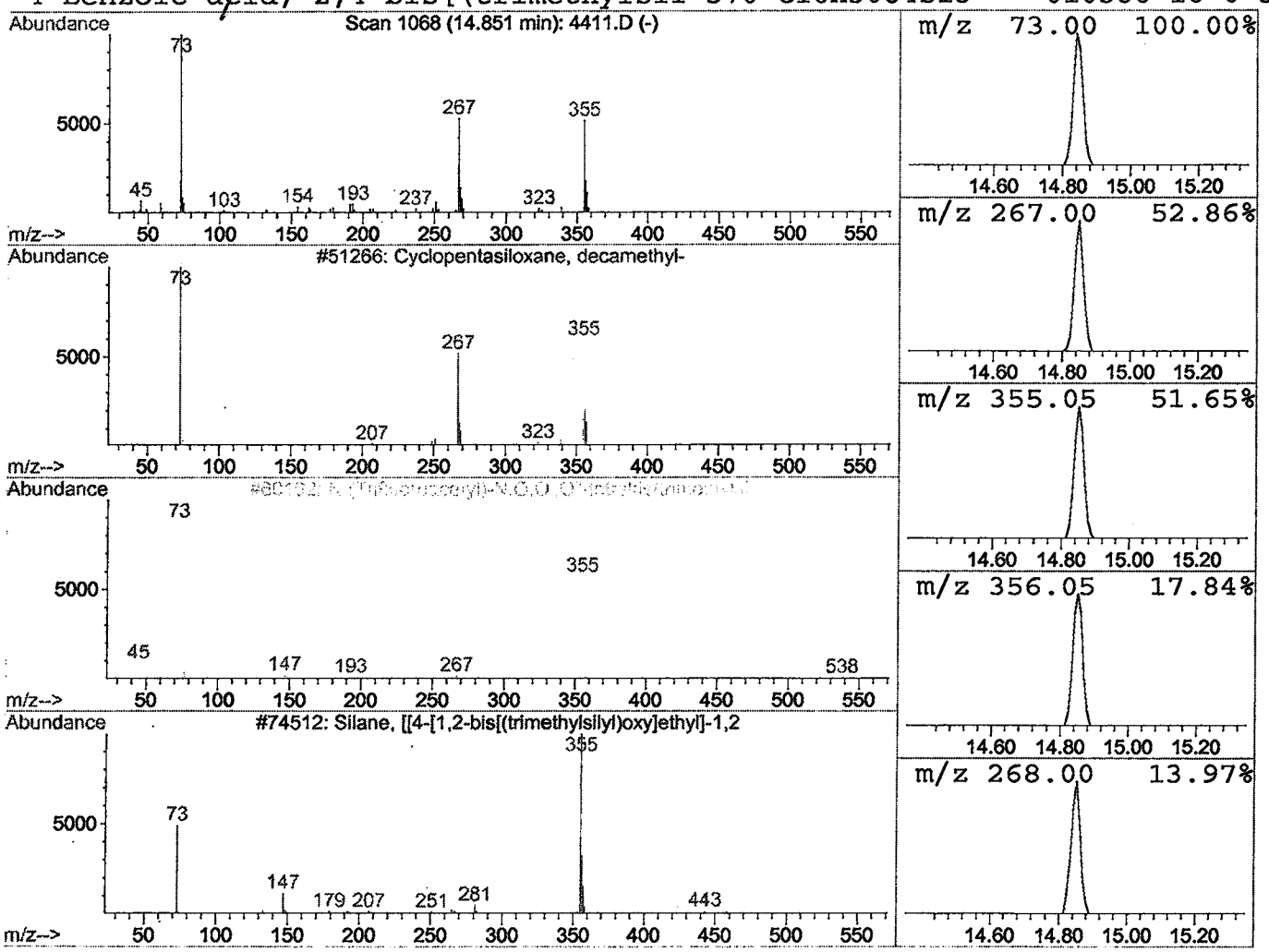
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	0.53 ug/l	89404	Naphthalene-d8	15.89

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	47
3	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	43
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4411.D Vial: 17
Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

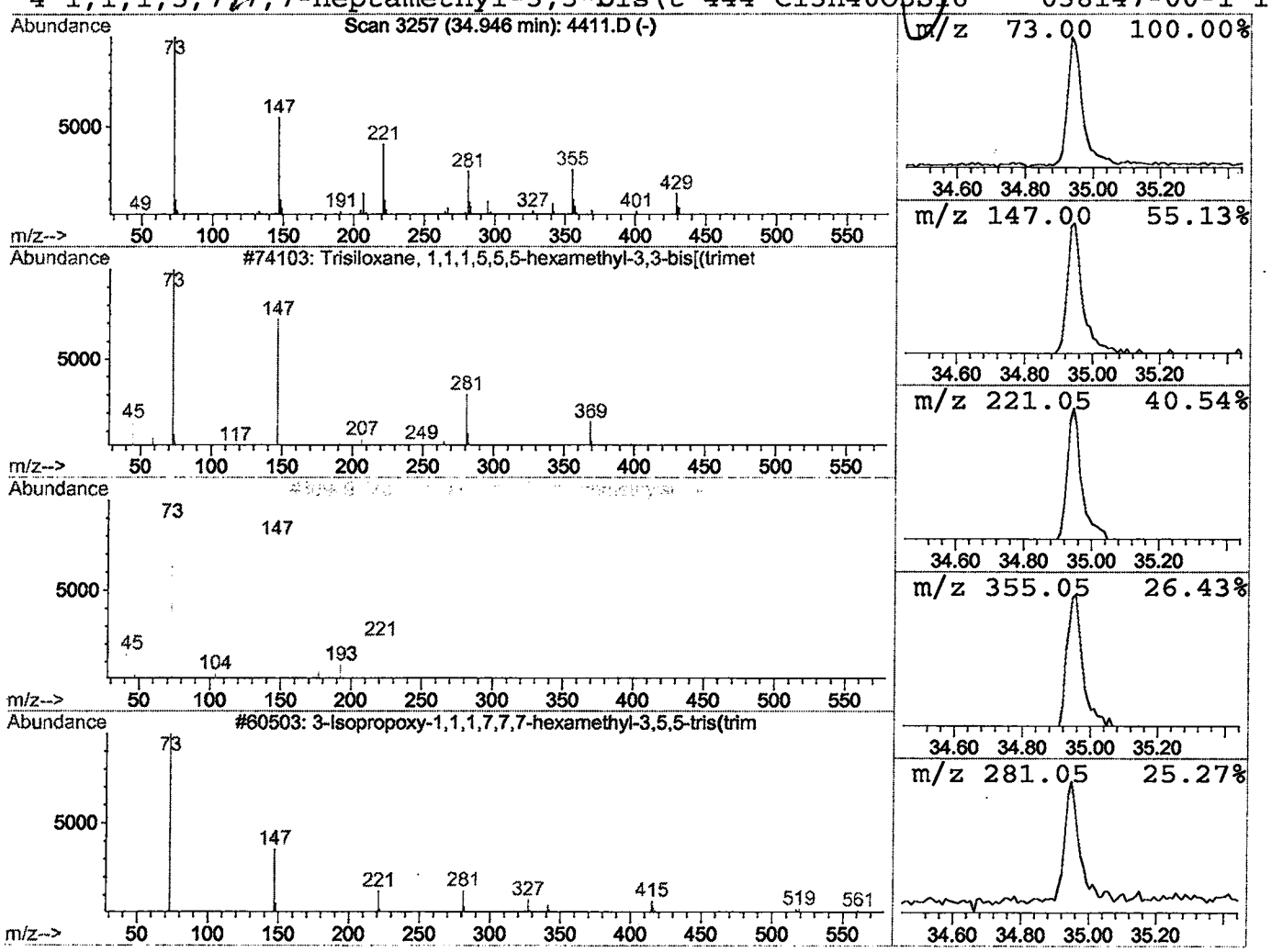
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.95	1.07 ug/l	117291	Chrysene-d12	33.70

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	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
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\MAR2502\4411.D Vial: 17
Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

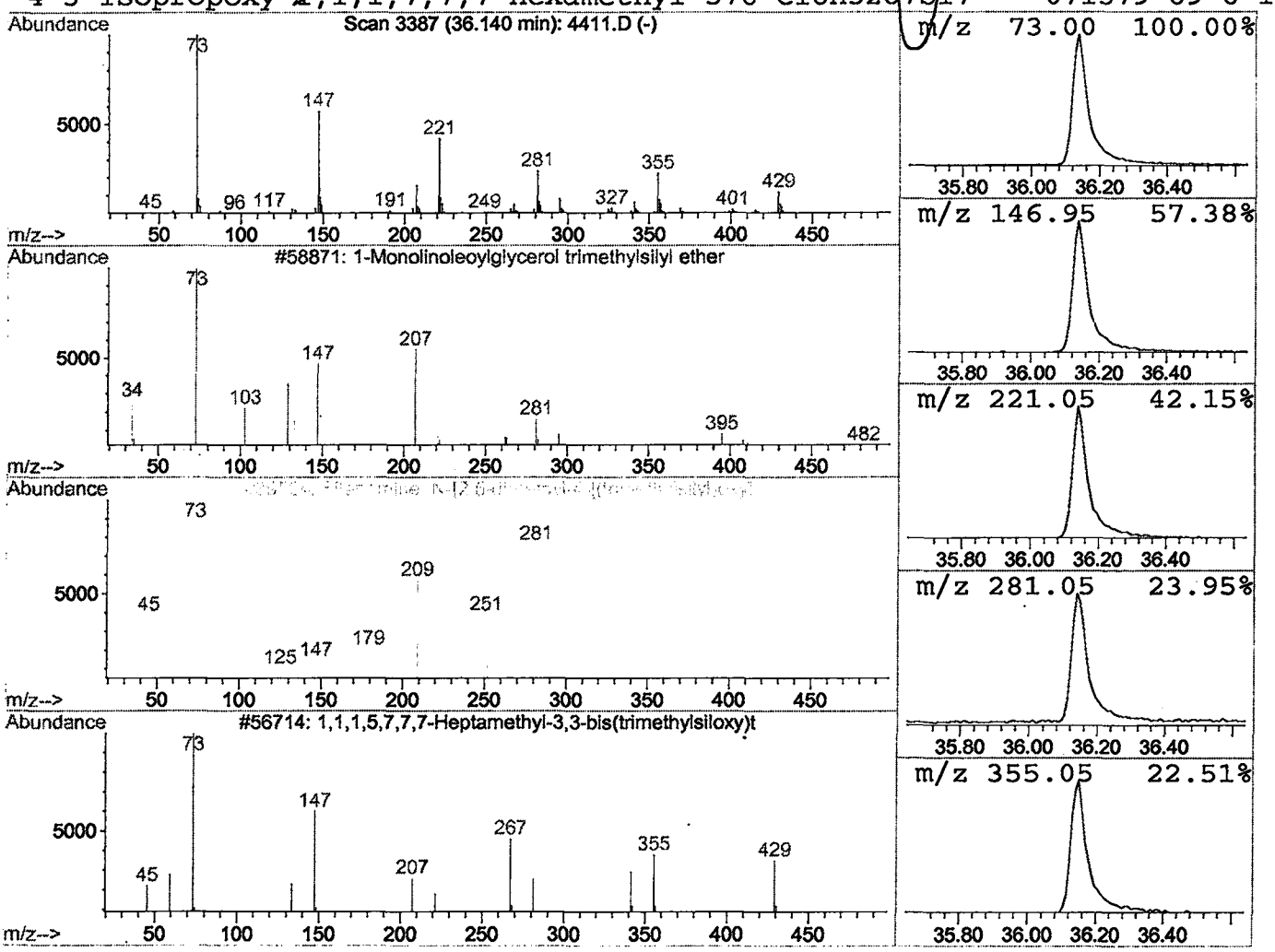
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1-Monolinoleoylglycerol trimet Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.14	10.49 ug/l	794313	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
2	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	18
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4411.D Vial: 17
Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

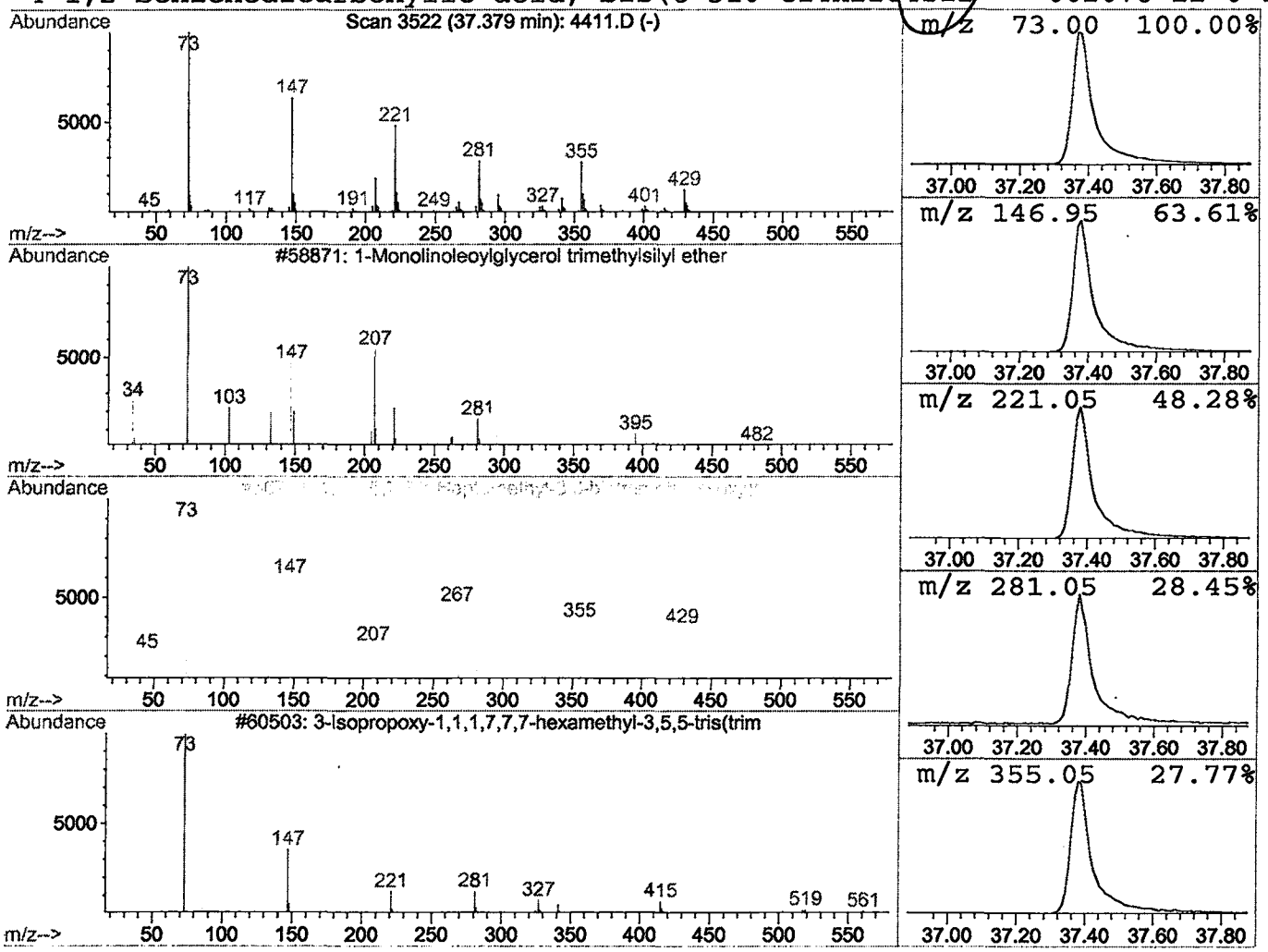
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1-Monolinoleoylglycerol trimet Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.38	26.12 ug/l	1978390	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	20
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4411.D
Acq On : 26 Mar 2002 1:59 am
Sample : gc/ms scan 2/28
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator:
Inst : GC/MS 209
Multiplr: 1.00

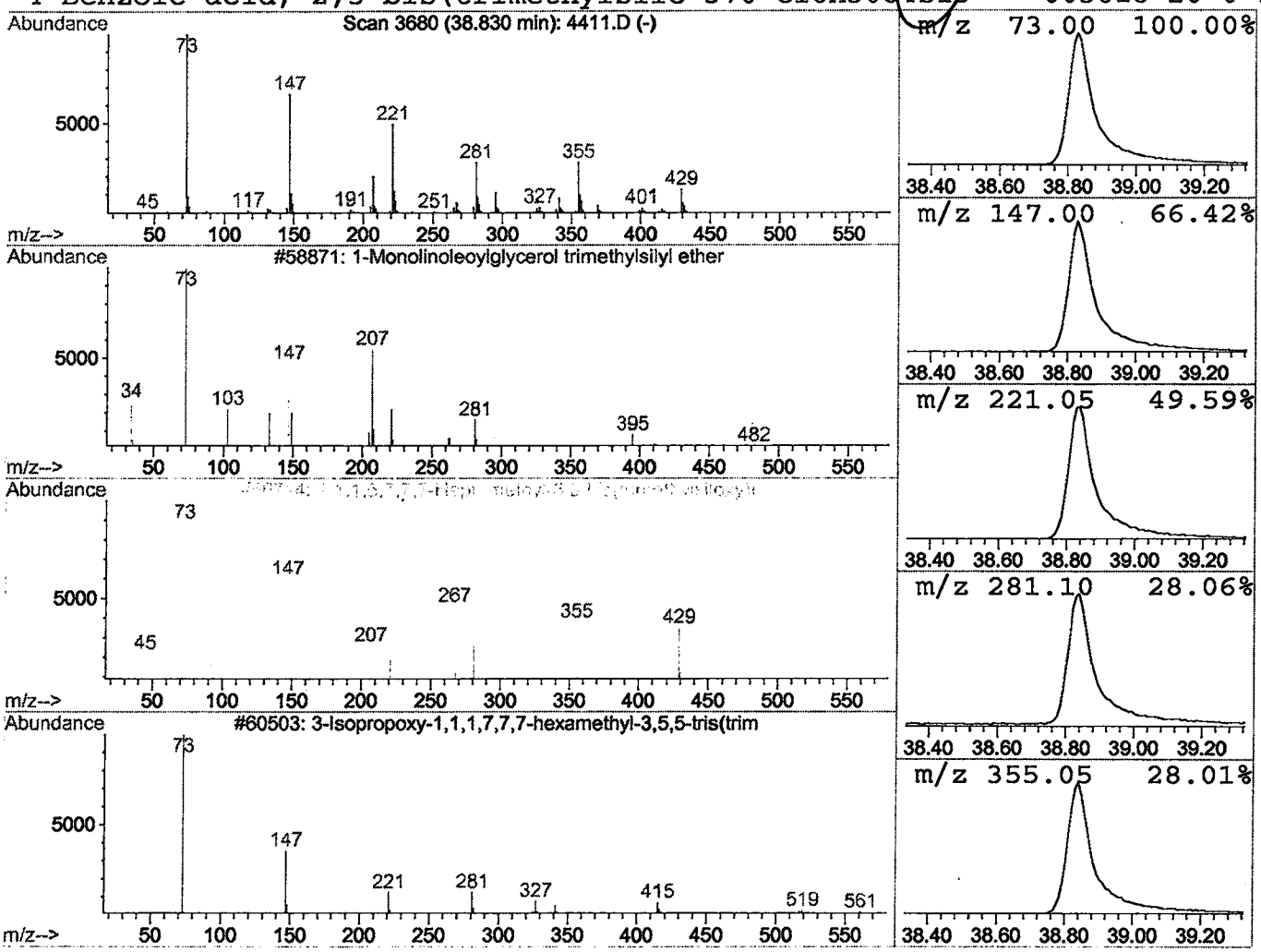
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1-Monolinoleoylglycerol trimet Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.83	37.90 ug/l	2870670	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	23
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	10



Library Search Compound Report

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Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

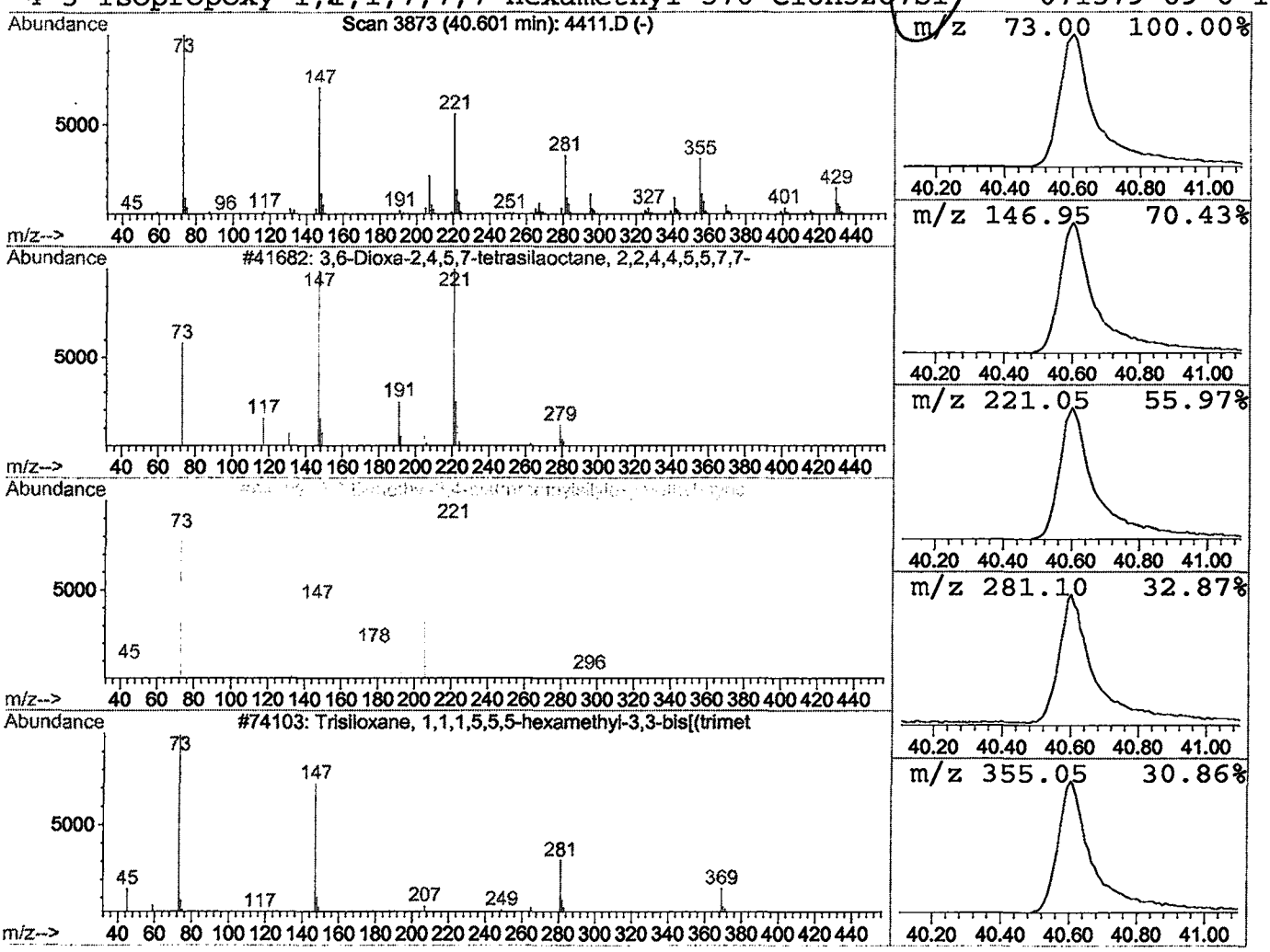
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.60	36.94 ug/l	2797530	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	23
2	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4411.D Vial: 17
Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

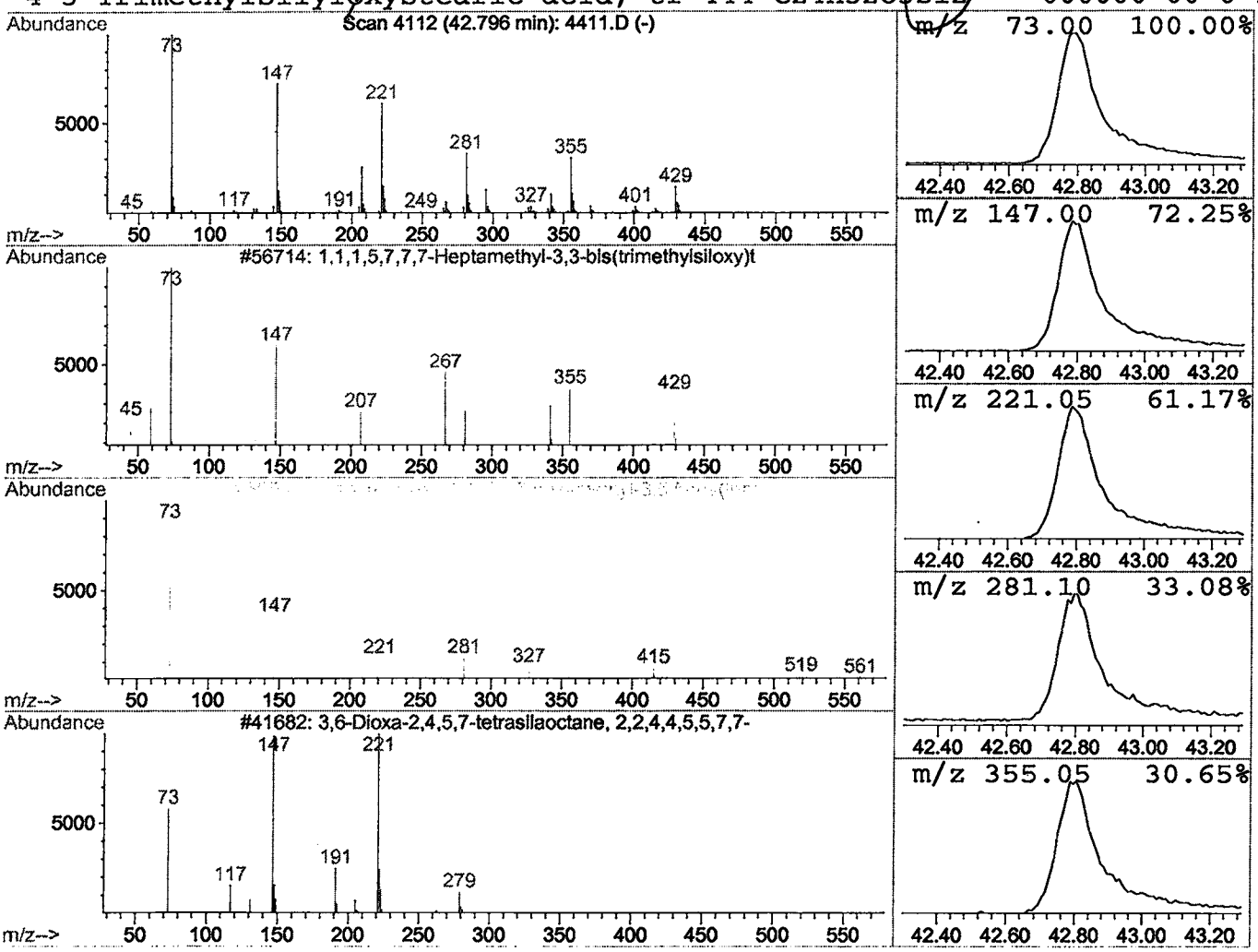
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.80	25.79 ug/l	1952900	Perylene-d12	37.94

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	38
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	32
4	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	10



Library Search Compound Report

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Acq On : 26 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

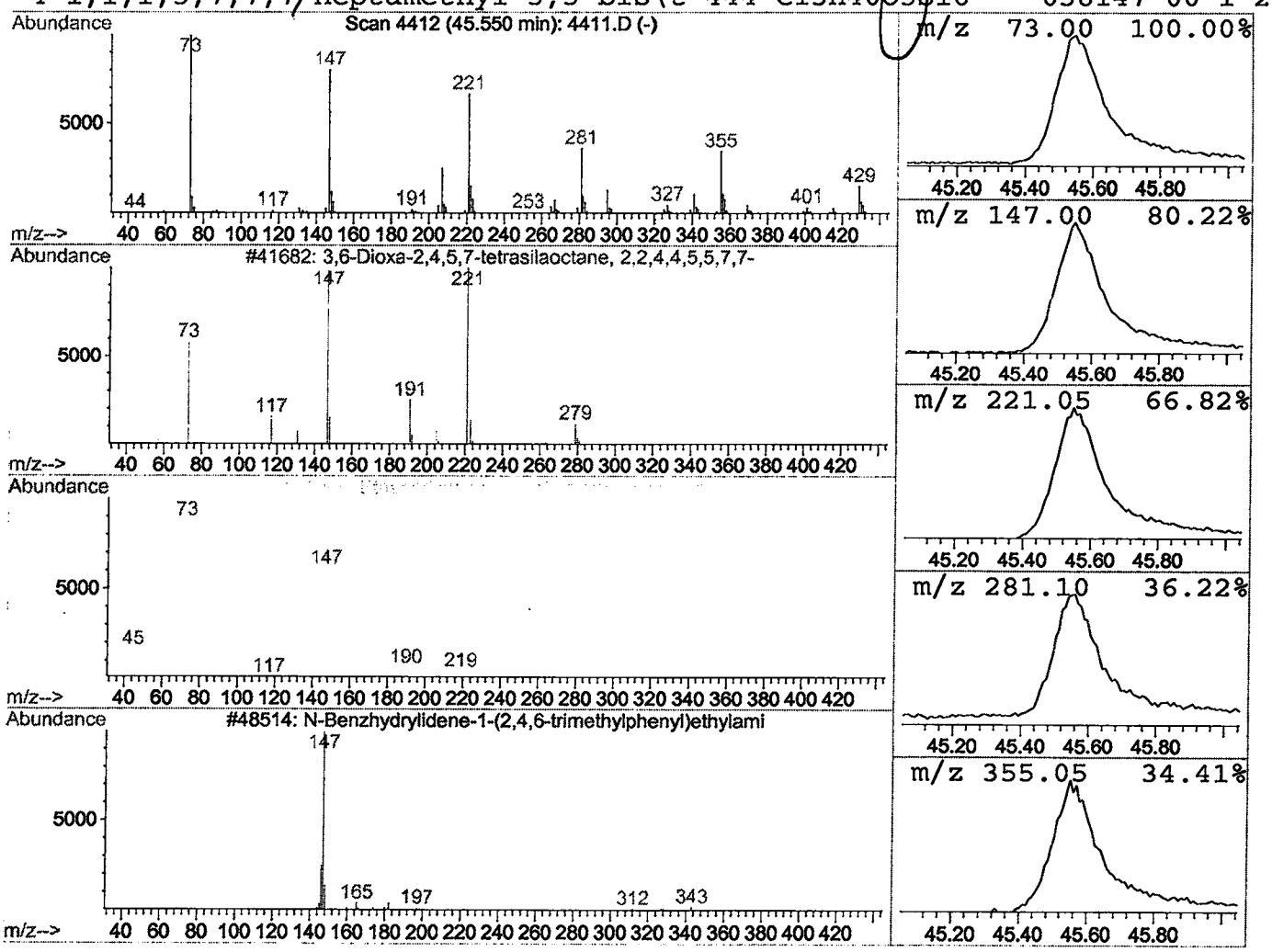
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.55	14.85 ug/l	1124460	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	47
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	27
3	N-Benzhydrylidene-1-(2,4,6-trimethy	343	C24H25NO	089839-57-6	27
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 1:59 am
Data File: C:\HPCHEM\1\DATA\MAR2502\4411.D
Name: gc/ms scan 2/28
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,	14.85	0.5	ug/l	89404	ISTD02	15.89	3368720	20.0
Trisiloxane, 1,1,1,5	34.95	1.1	ug/l	117291	ISTD05	33.70	2190470	20.0
1-Monolinoleoylglyce	36.14	10.5	ug/l	794313	ISTD06	37.94	1514750	20.0
1-Monolinoleoylglyce	37.38	26.1	ug/l	1978390	ISTD06	37.94	1514750	20.0
1-Monolinoleoylglyce	38.83	37.9	ug/l	2870670	ISTD06	37.94	1514750	20.0
3,6-Dioxa-2,4,5,7-te	40.60	36.9	ug/l	2797530	ISTD06	37.94	1514750	20.0
1,1,1,5,7,7,7-Heptam	42.80	25.8	ug/l	1952900	ISTD06	37.94	1514750	20.0
3,6-Dioxa-2,4,5,7-te	45.55	14.8	ug/l	1124460	ISTD06	37.94	1514750	20.0

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