User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 11:33:55

Sample: AE10432
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 11:33 Ended: 5/20/02 11:33 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE10432 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-20-2002 Time: 11:34:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 10:06 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	424170	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	1517804	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.10	164	832323	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1111734	40.00	ug/l	-0.03
38) Chrysene-d12	33.60	240	685234	40.00	ug/l	-0.03
44) Perylene-d12	37.83	264	442378	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.24	209	35673	8.62	ug/L	-0.03
Spiked Amount 10.000			Recovery = 86.20%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.38	77	323	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	0.00	128	0	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	22.59	149	423	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.56	178	189	N.D.		

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

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Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 10:06 2002 Quant Results File: GCMS0510.RES

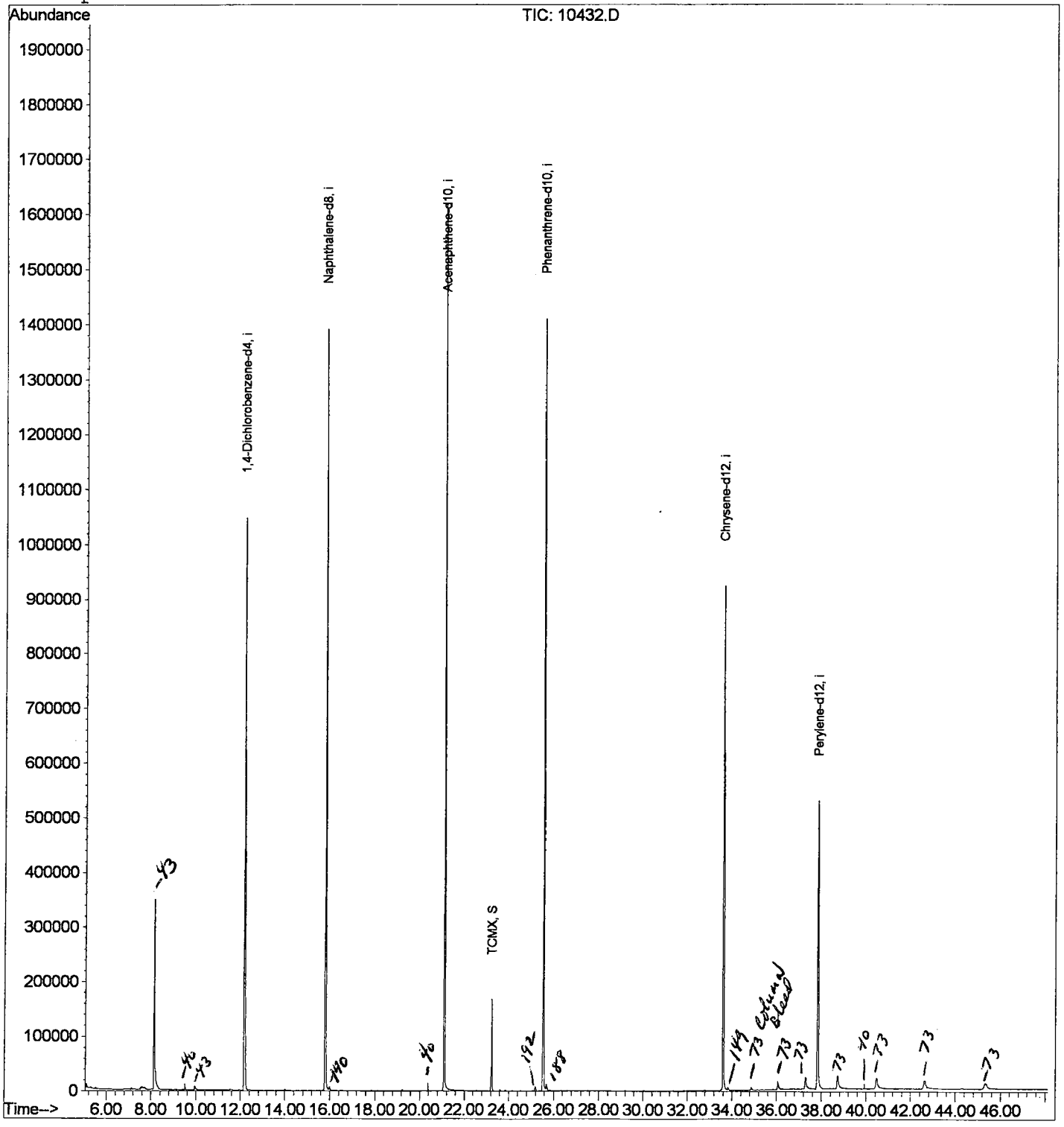
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.56	178	189	N.D.	
36)	Di-n-butylphthalate	27.53	149	1679	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.60	228	1836	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	3112	N.D.	
43)	Chrysene	33.68	228	423	N.D.	
45)	Di-n-Octylphthalate	35.57	149	297	N.D.	
46)	Benzo(b)fluoranthene	36.66	252	620	N.D.	
47)	Benzo(k)fluoranthene	36.72	252	890	N.D.	
48)	Benzo(a)pyrene	37.64	252	433	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 10:06 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

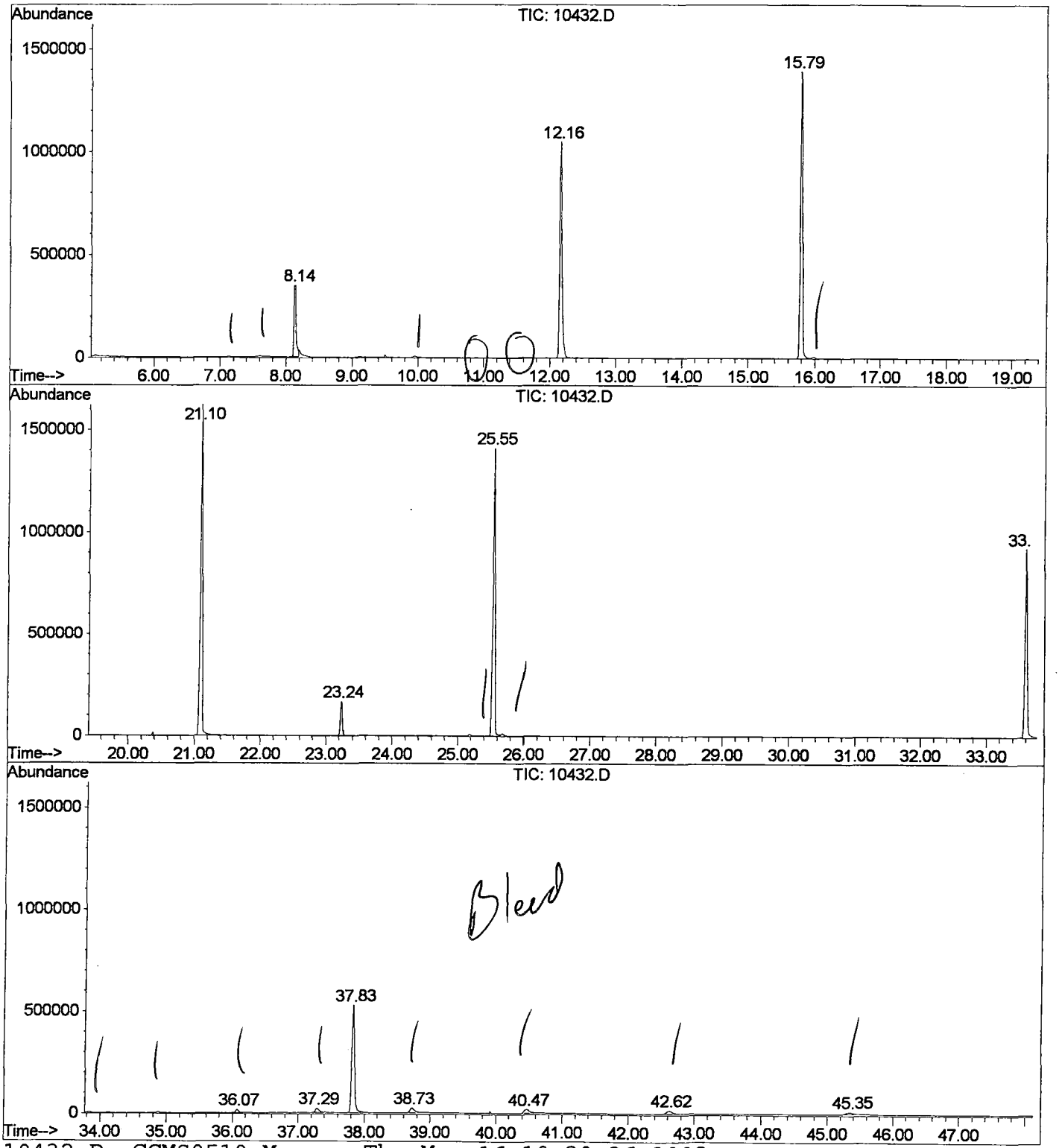
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.138	334	338	344	rBV	348017	737012	22.00%	4.352%
2	12.161	771	777	795	rBV	1047624	2414432	72.06%	14.258%
3	15.789	1167	1173	1191	rBV	1391945	3005825	89.72%	17.751%
4	21.104	1746	1753	1776	rBV	1620631	3350357	100.00%	19.785%
5	23.239	1977	1986	1994	rVB	167692	332215	9.92%	1.962%
6	25.549	2231	2238	2249	rBV2	1410193	2976877	88.85%	17.580%
7	33.603	3111	3117	3135	rBV2	923705	2043459	60.99%	12.067%
8	36.068	3380	3386	3397	rBV2	15543	50506	1.51%	0.298%
9	37.287	3513	3519	3531	rBV2	21371	82047	2.45%	0.485%
10	37.828	3569	3578	3599	rBV2	527124	1567545	46.79%	9.257%
11	38.726	3668	3676	3687	rBV2	23645	110561	3.30%	0.653%
12	40.467	3856	3866	3877	rBV3	18757	103262	3.08%	0.610%
13	42.620	4090	4101	4114	rBV3	14836	96828	2.89%	0.572%
14	45.351	4387	4399	4409	rBV4	9193	62711	1.87%	0.370%

Sum of corrected areas: 16933637

10432.D GCMS0510.M Thu May 16 10:20:25 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10432.D
Operator :
Acquired : 11 May 2002 5:25 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: gc/ms scan 5/2
Misc Info :
Vial Number: 29
Quant File :GCMS0510.RES (RTE Integrator)



10432.D GCMS0510.M Thu May 16 10:20:26 2002

Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

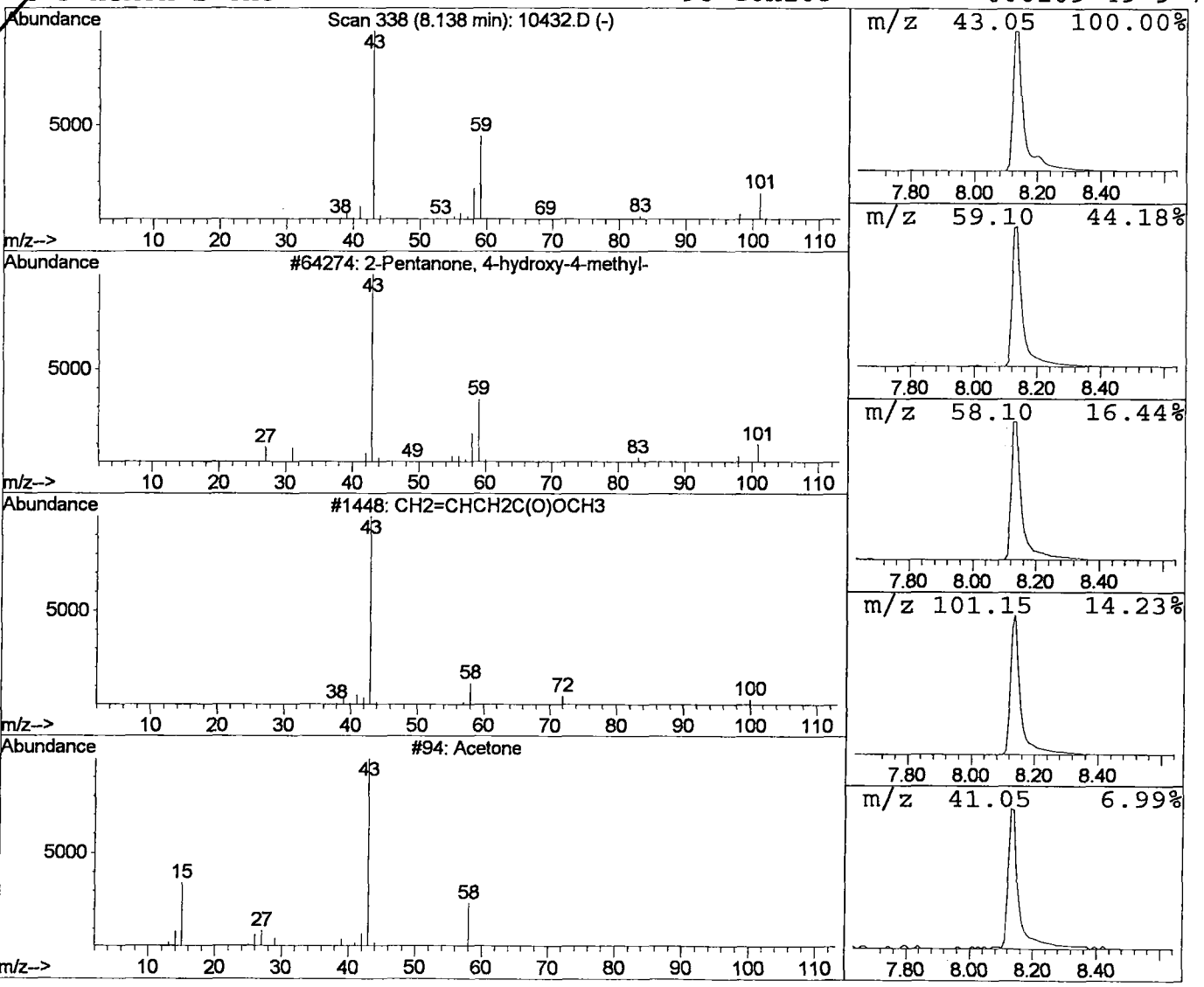
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	12.21 ug/l	737012	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

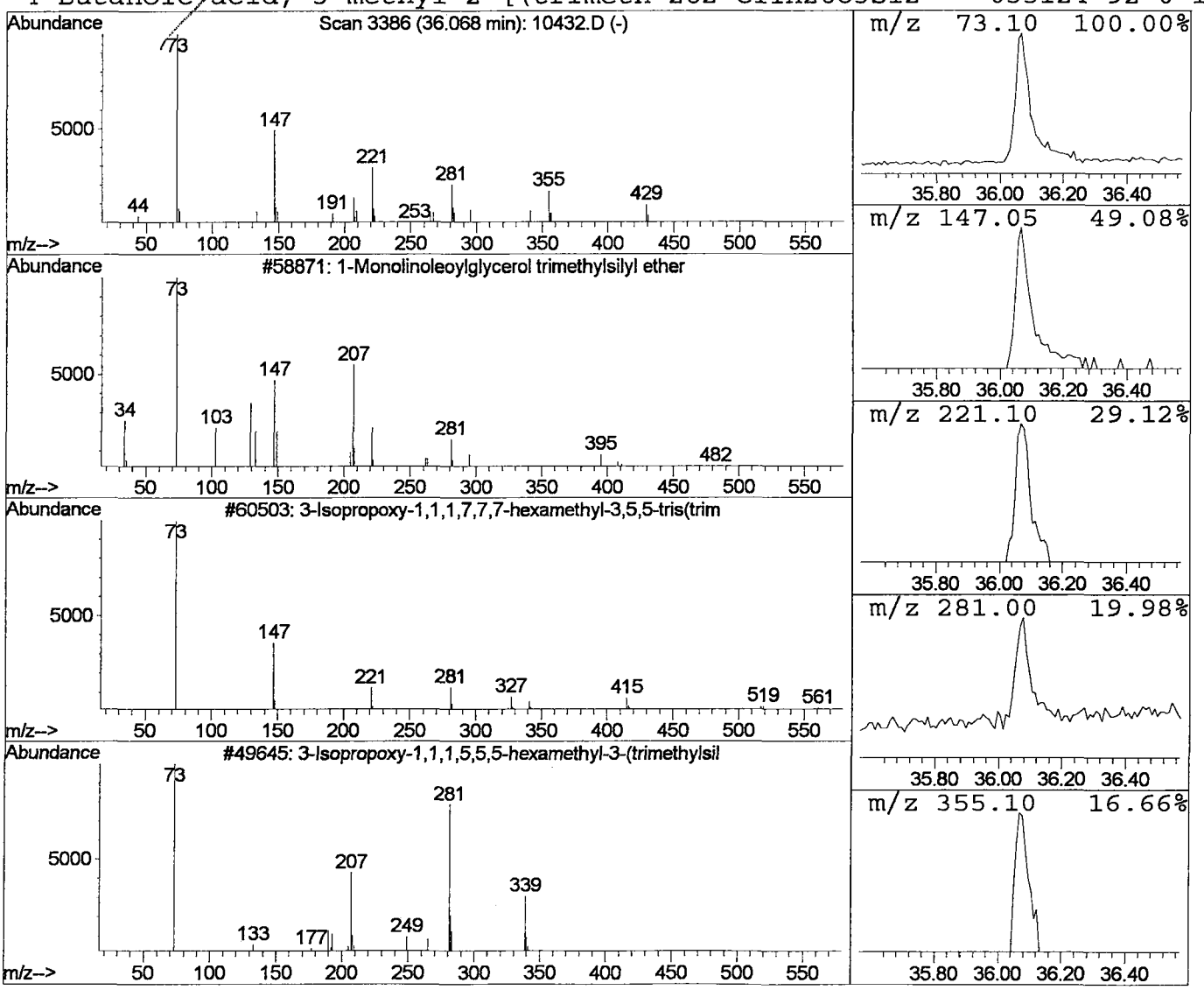
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Monolinoleoylglycerol trimet Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.07	1.29 ug/l	50506	Perylene-d12	37.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	42
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
3	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	14
4	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	12



Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

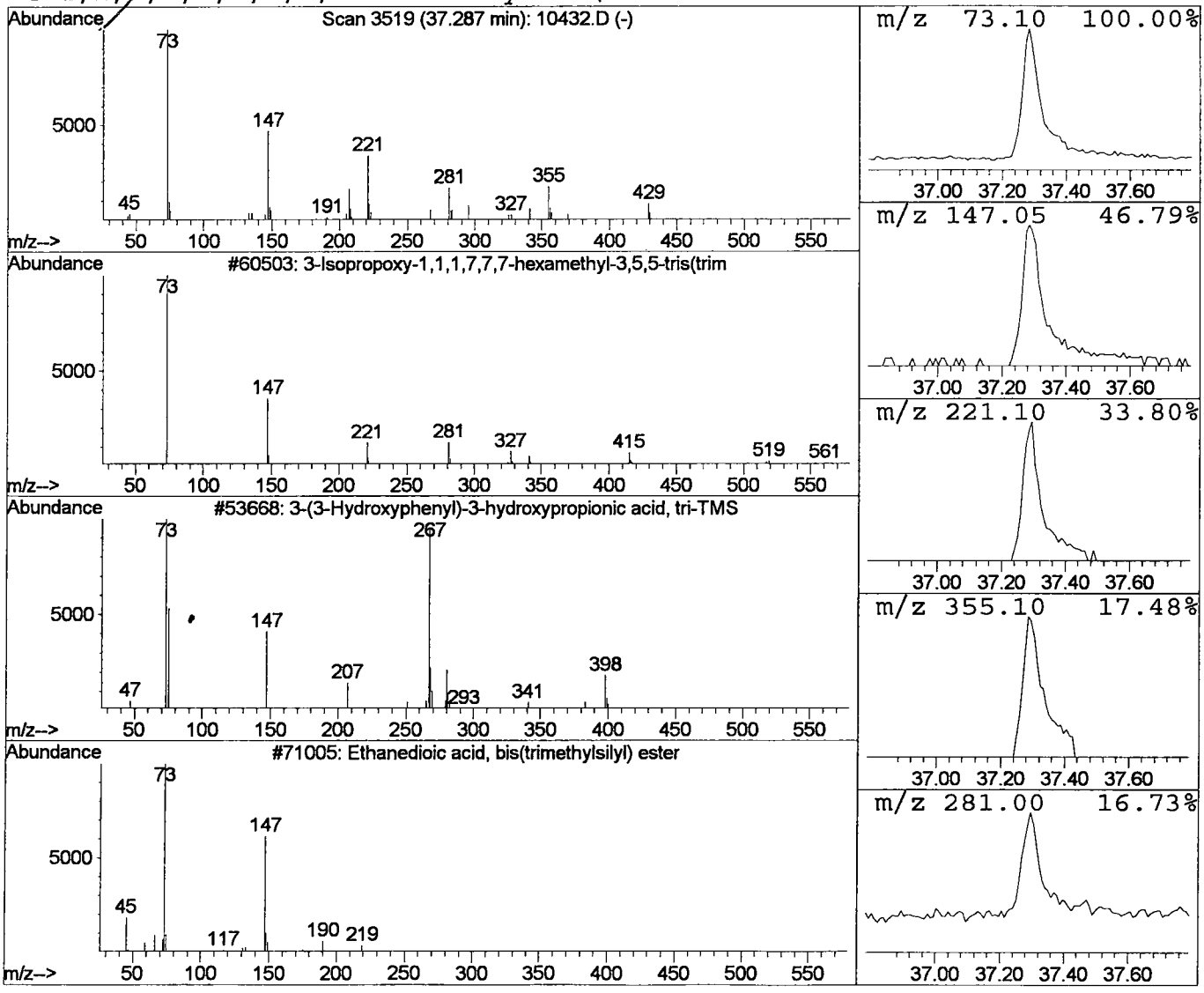
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.29	2.09 ug/l	82047	Perylene-d12	37.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	40
2	3-(3-Hydroxyphenyl)-3-hydroxypropio	398	C18H34O4Si3	000000-00-0	28
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	25
4	1,1,1,3,5,5,7,7,7-Nonamethyl-3-(tri	384	C12H36O4Si5	038146-99-5	25



Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

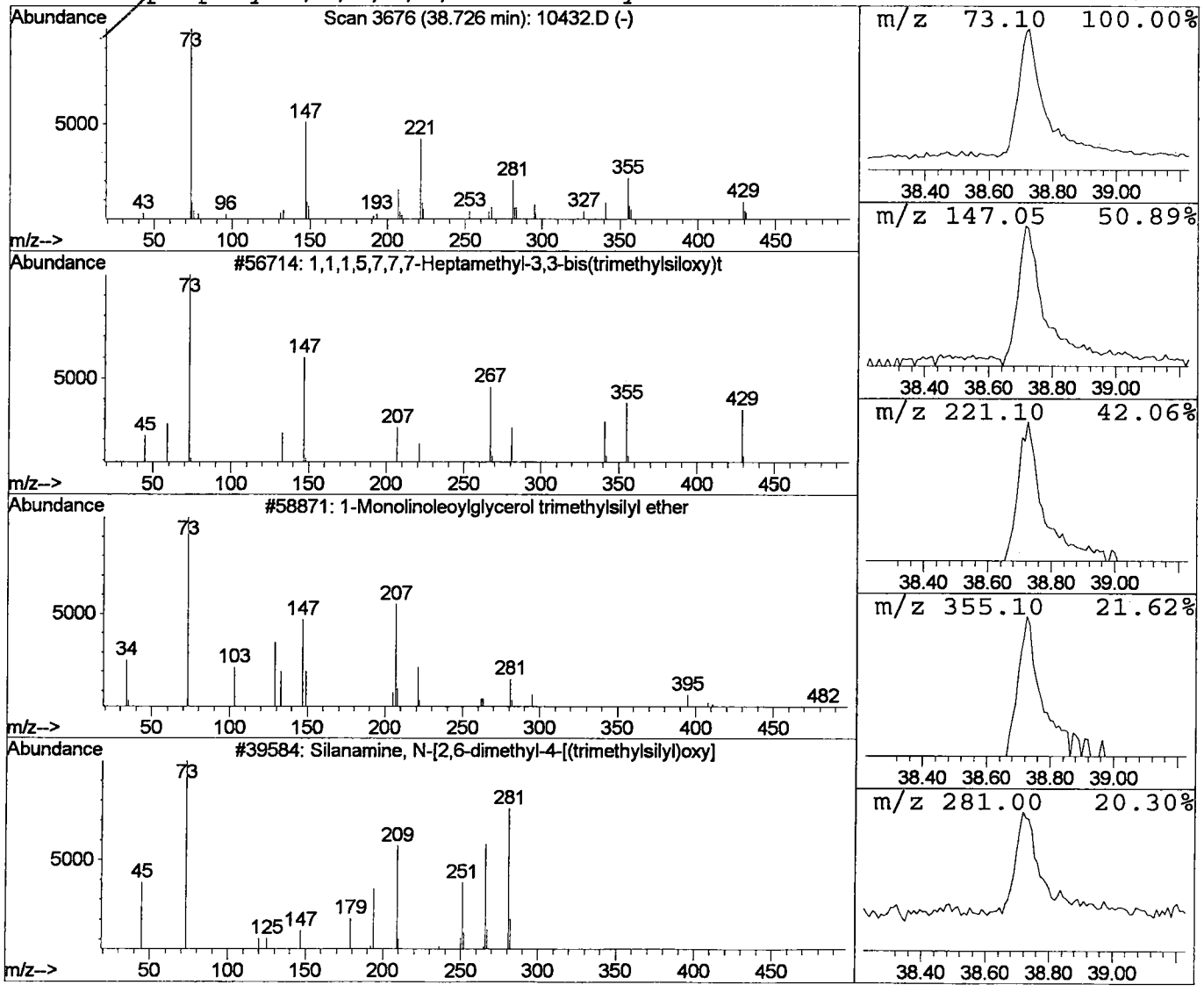
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.73	2.82 ug/l	110561	Perylene-d12	37.83

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	32
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
3	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	18
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17



Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

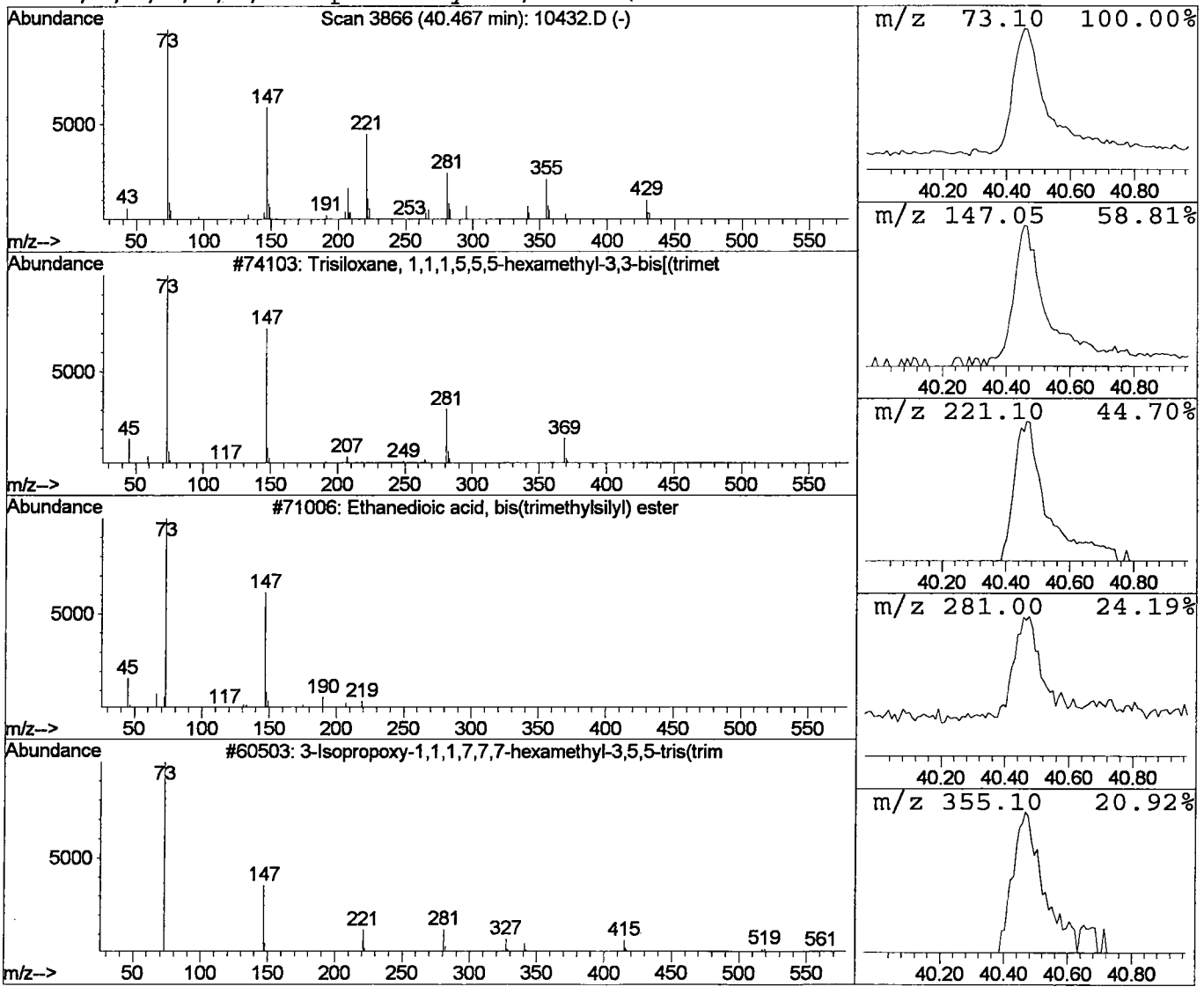
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.47	2.64 ug/l	103262	Perylene-d12	37.83

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	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	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



Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

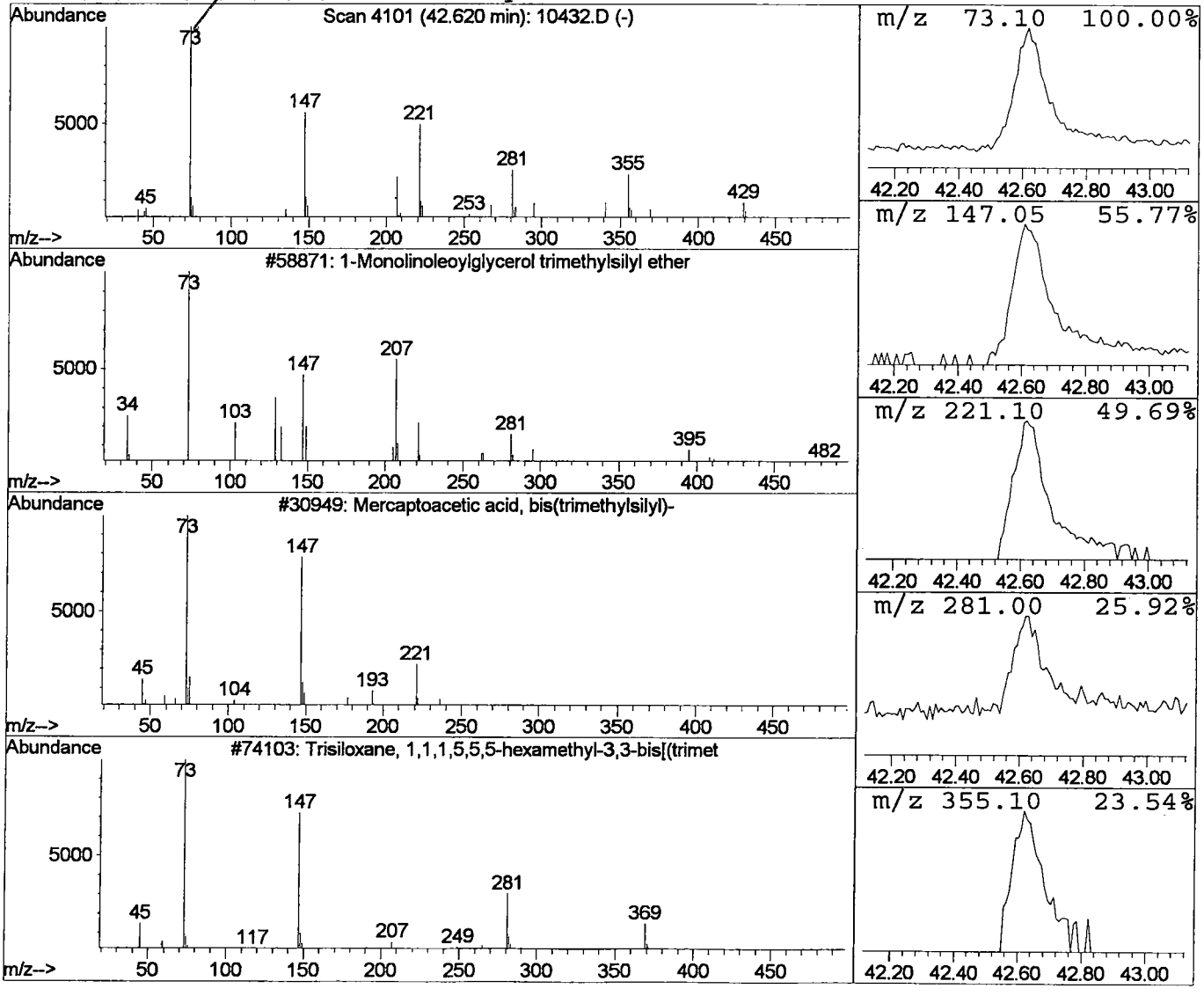
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1-Monolinoleoylglycerol trimet Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.62	2.47 ug/l	96828	Perylene-d12	37.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
2	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
4	1,1,1,3,5,5,7,7,7-Nonamethyl-3-(tri	384	C12H36O4Si5	038146-99-5	12



Data File : C:\HPCHEM\1\DATA\MAY1002\10432.D Vial: 29
Acq On : 11 May 2002 5:25 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

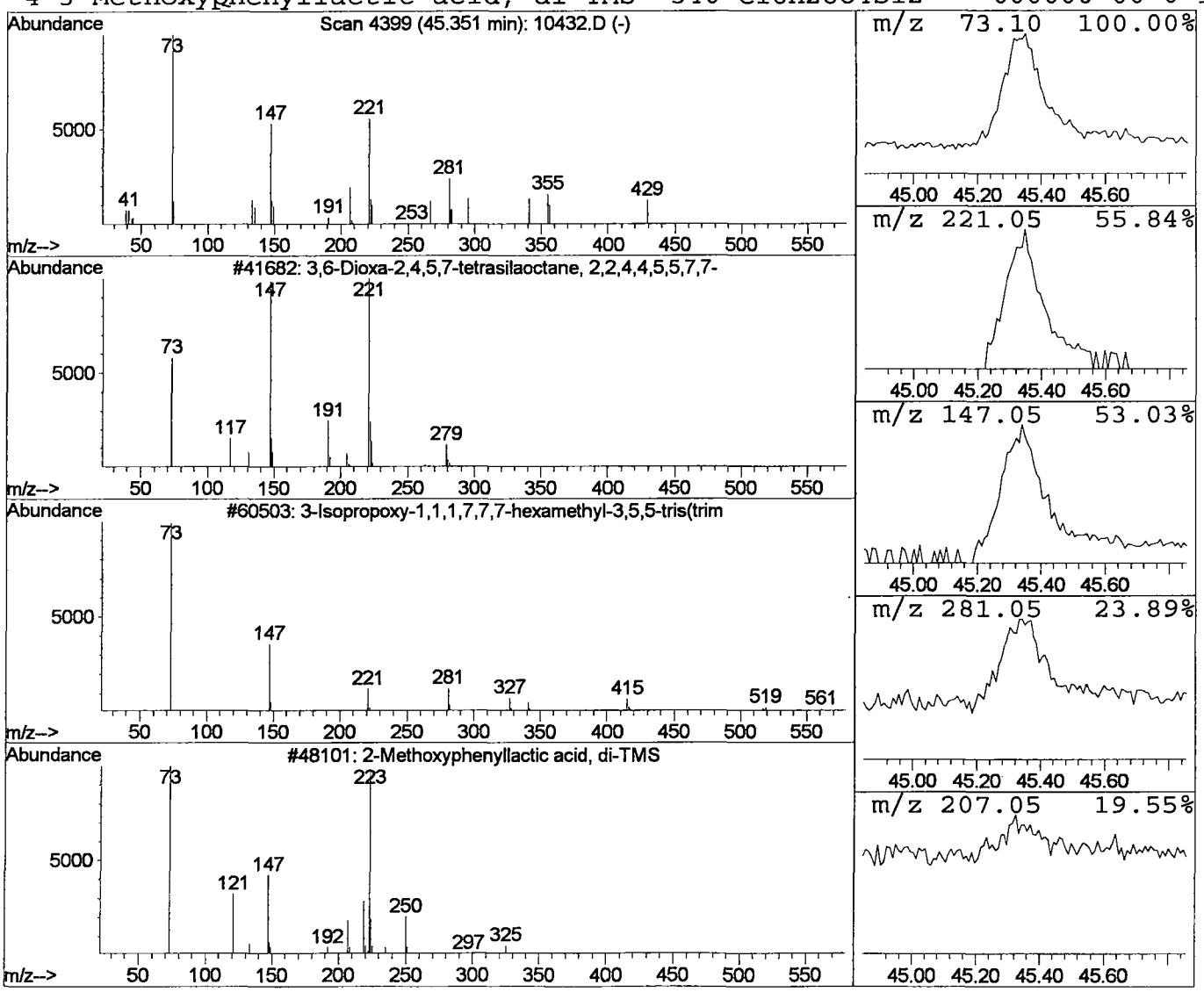
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.35	1.60 ug/l	62711	Perylene-d12	37.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	32
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17
3	2-Methoxyphenyllactic acid, di-TMS	340	C16H28O4Si2	000000-00-0	10
4	3-Methoxyphenyllactic acid, di-TMS	340	C16H28O4Si2	000000-00-0	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 May 2002 5:25 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\10432.D
Name: gc/ms scan 5/2
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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
2-Pentanone, 4-hydro	8.14	12.2	ug/l	737012	ISTD01	12.16	2414430	40.0
1-Monolinoleoylglyce	36.07	1.3	ug/l	50506	ISTD06	37.83	1567550	40.0
3-Isopropoxy-1,1,1,7	37.29	2.1	ug/l	82047	ISTD06	37.83	1567550	40.0
1,1,1,5,7,7,7-Heptam	38.73	2.8	ug/l	110561	ISTD06	37.83	1567550	40.0
Trisiloxane, 1,1,1,5	40.47	2.6	ug/l	103262	ISTD06	37.83	1567550	40.0
1-Monolinoleoylglyce	42.62	2.5	ug/l	96828	ISTD06	37.83	1567550	40.0
3,6-Dioxa-2,4,5,7-te	45.35	1.6	ug/l	62711	ISTD06	37.83	1567550	40.0

10432.D GCMS0510.M Thu May 16 10:20:32 2002