User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 08:43:24

Sample: AE04419
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 08:42 Ended: 4/4/02 08:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

Comments for Sample AE04419 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 08:43:44

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2102\4419.D Vial: 10
Acq On : 21 Mar 2002 8:09 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:05 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.27	152	556515	20.00	ug/l	-0.08
10) Naphthalene-d8	15.90	136	2170651	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.22	164	1174084	20.00	ug/l	-0.09
29) Phenanthrene-d10	25.66	188	1749442	20.00	ug/l	-0.10
38) Chrysene-d12	33.72	240	1106779	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	682596	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	69476	5.46	ug/mL	0.23
Spiked Amount 5.000			Recovery = 109.20%			
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	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	21.59	165	171	N.D.		
25) Diethylphthalate	22.69	149	683	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\MAR2102\4419.D Vial: 10
Acq On : 21 Mar 2002 8:09 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:05 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

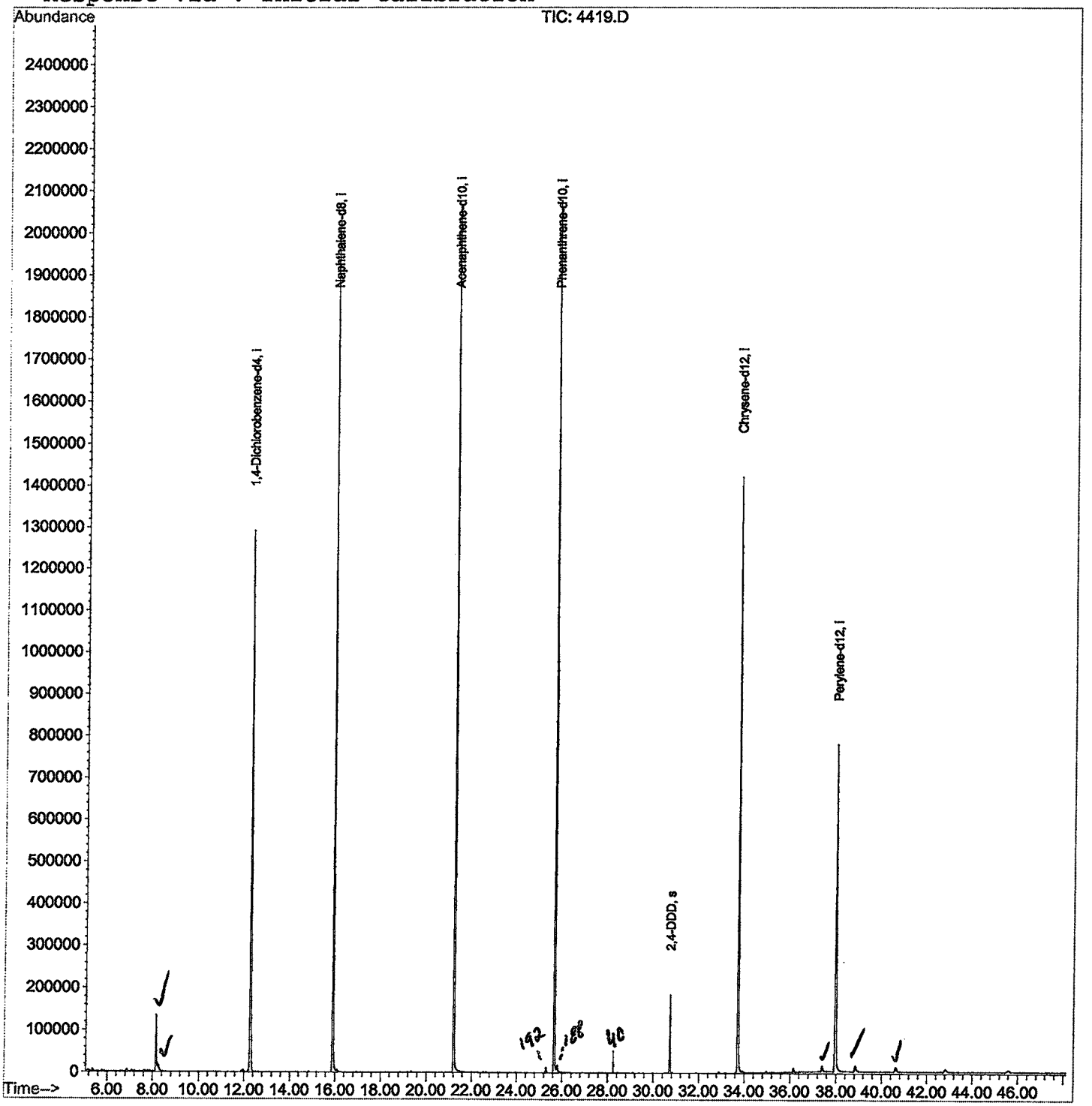
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.66	178	578	N.D.	
34) Anthracene	25.66	178	578	N.D.	
35) Di-n-butylphthalate	27.63	149	2207	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.15	149	106	N.D.	
41) Benzo(a)anthracene	33.72	228	2481	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.93	149	1769	N.D.	
43) Chrysene	33.72	228	2481	N.D.	
45) Di-n-Octylphthalate	35.67	149	483	N.D.	
46) Benzo(b)fluoranthene	36.79	252	500	N.D.	
47) Benzo(k)fluoranthene	36.85	252	1298	N.D.	
48) Benzo(a)pyrene	37.96	252	3145	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4419.D Vial: 10
Acq On : 21 Mar 2002 8:09 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:05 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4419.D Vial: 10
Acq On : 21 Mar 2002 8:09 pm Operator:
Sample : gc/ms scan 3/1 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

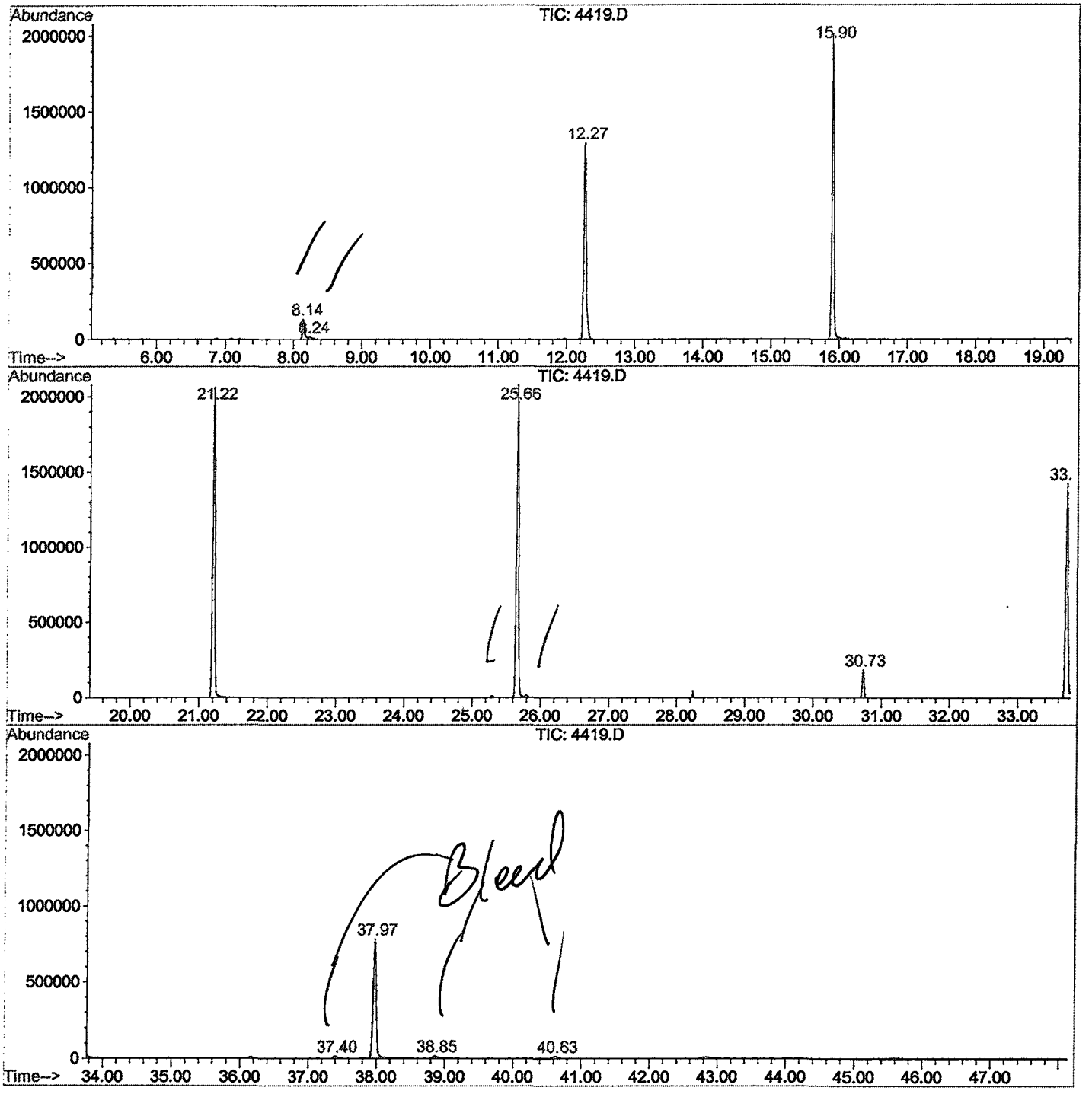
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.137	333	337	346	rBV	133678	313687	6.97%	1.390%
2	8.238	346	348	364	rVB	16449	57831	1.29%	0.256%
3	12.269	781	787	804	rVB	1291752	3067109	68.17%	13.591%
4	15.904	1177	1183	1201	rBV	2010141	4115106	91.47%	18.234%
5	21.219	1755	1762	1776	rBV	2062406	4499101	100.00%	19.936%
6	25.663	2239	2246	2255	rBV	2076696	4384091	97.44%	19.426%
7	30.730	2793	2798	2805	rBV	184564	347275	7.72%	1.539%
8	33.723	3117	3124	3141	rBV	1420590	3252664	72.30%	14.413%
9	37.395	3518	3524	3534	rBV2	14214	52836	1.17%	0.234%
10	37.973	3578	3587	3601	rBV2	777699	2363951	52.54%	10.475%
11	38.855	3675	3683	3689	rBV3	14714	58309	1.30%	0.258%
12	40.626	3867	3876	3887	rBV5	11145	55907	1.24%	0.248%

Sum of corrected areas: 22567867

4419.D GCMS0308.M Fri Mar 22 09:41:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\4419.D
Operator :
Acquired : 21 Mar 2002 8:09 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/1
Misc Info :
Vial Number: 10
Quant File :GCMS0308.RES (RTE Integrator)



4419.D GCMS0308.M Fri Mar 22 09:41:38 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4419.D Vial: 10
Acq On : 21 Mar 2002 8:09 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

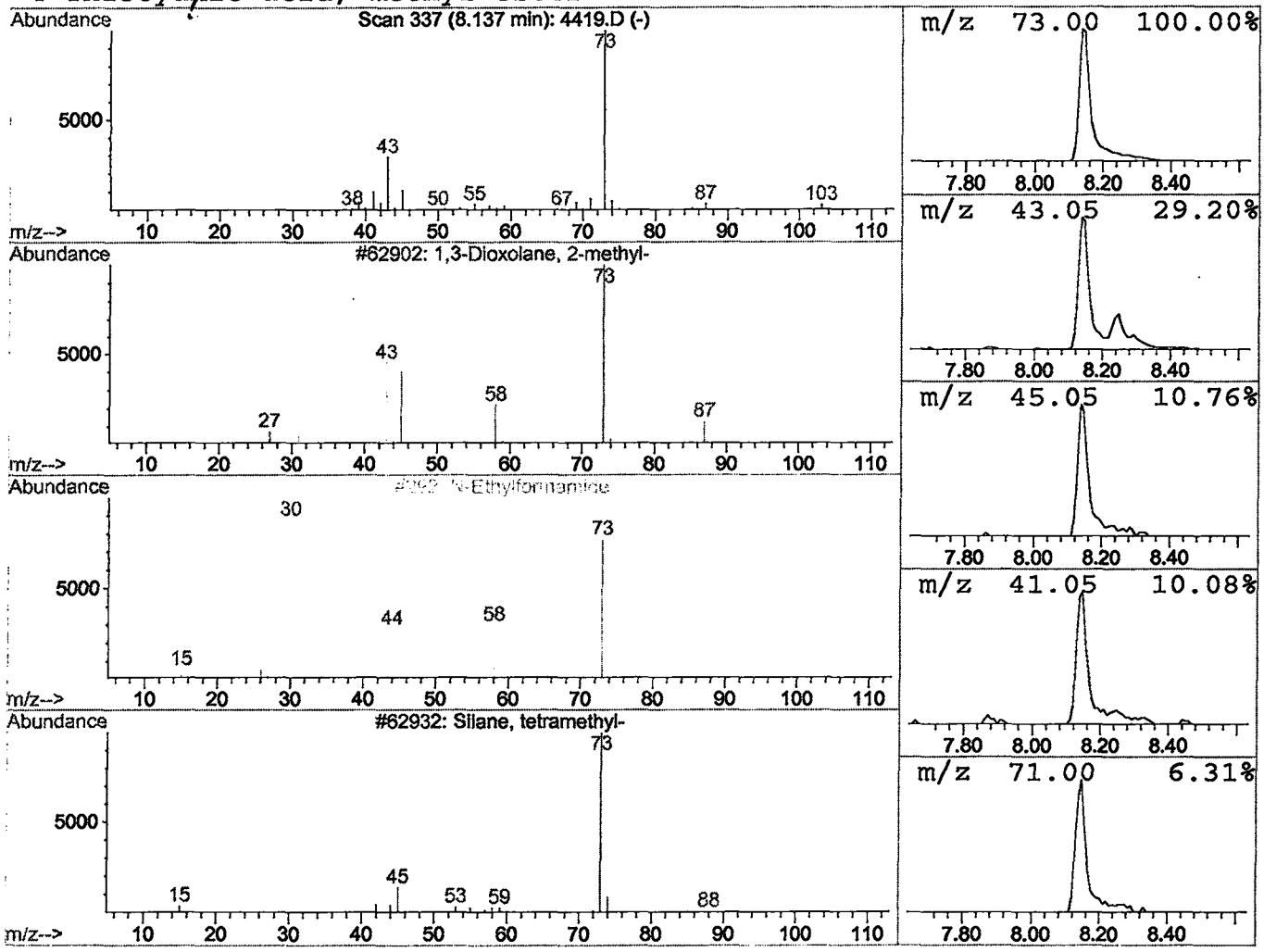
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	2.05 ug/l	313687	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4419.D Vial: 10
Acq On : 21 Mar 2002 8:09 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

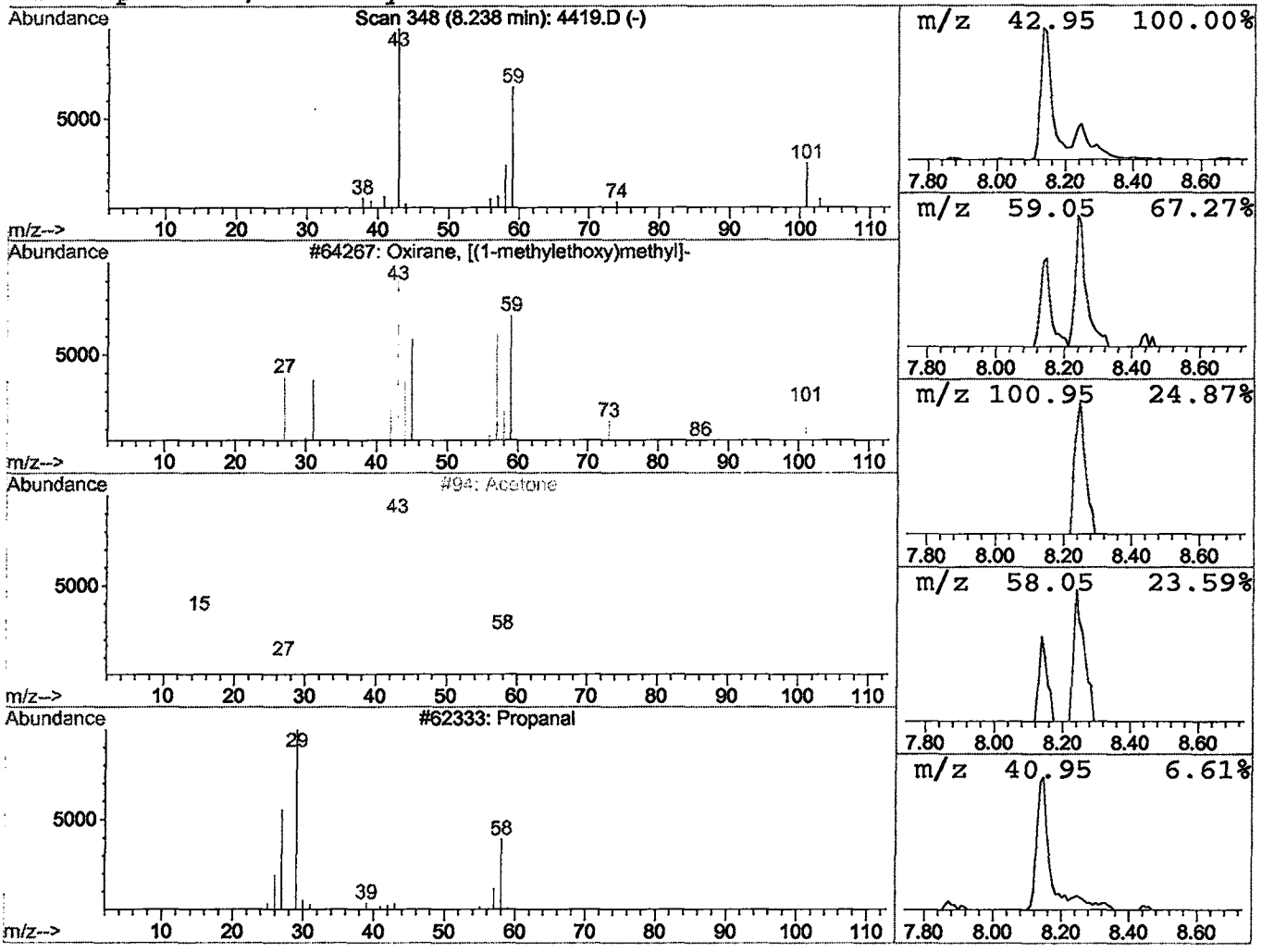
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Oxirane, [(1-methylethoxy)meth Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.38 ug/l	57831	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
2	Acetone	58	C3H6O	000067-64-1	7
3	Propanal	58	C3H6O	000123-38-6	7
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4419.D Vial: 10
Acq On : 21 Mar 2002 8:09 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

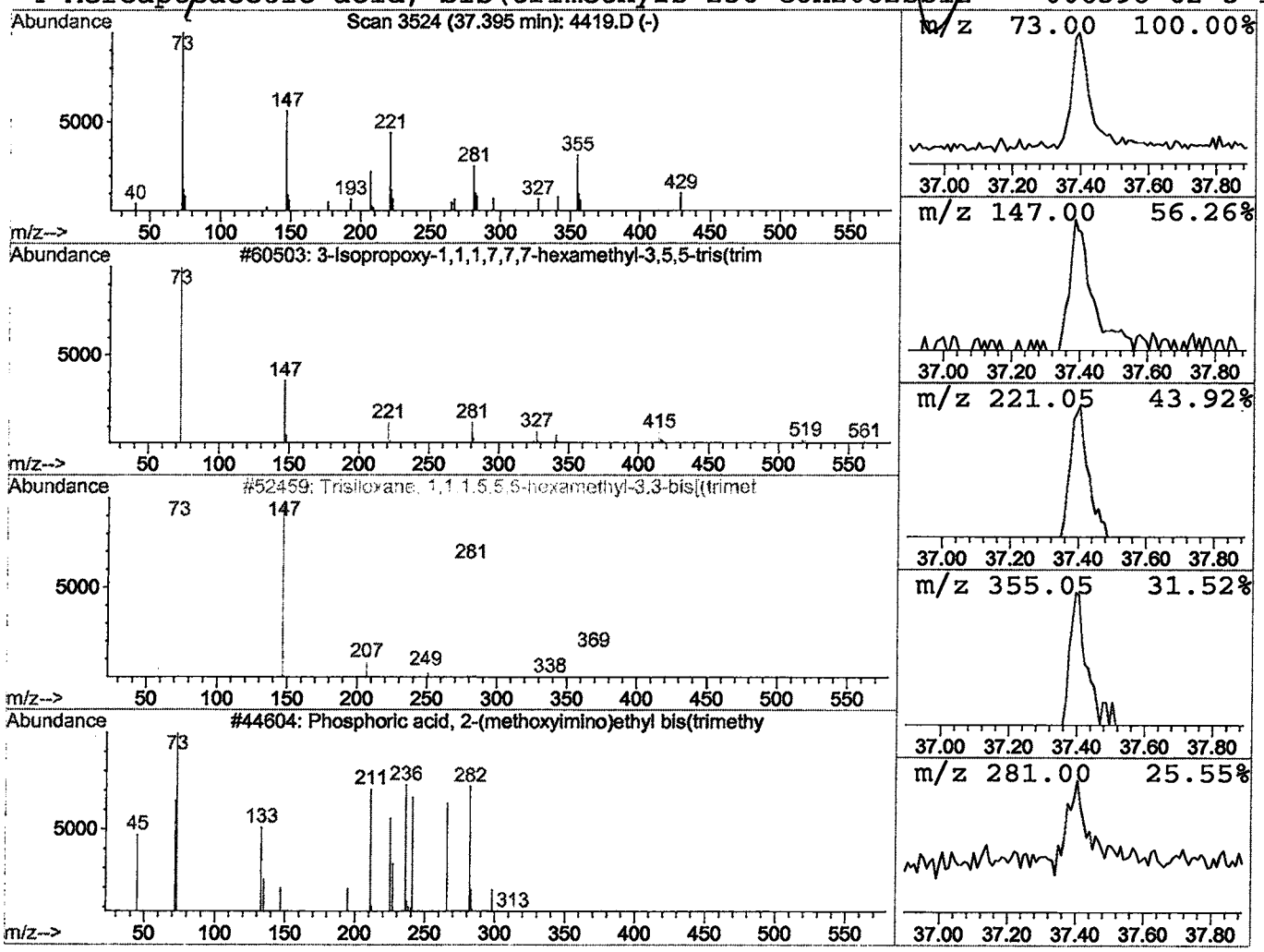
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.40	0.45 ug/l	52836	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
3	Phosphoric acid, 2-(methoxyimino)et	313	C9H24NO5PSi2	055044-12-7	10
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4419.D Vial: 10
Acq On : 21 Mar 2002 8:09 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

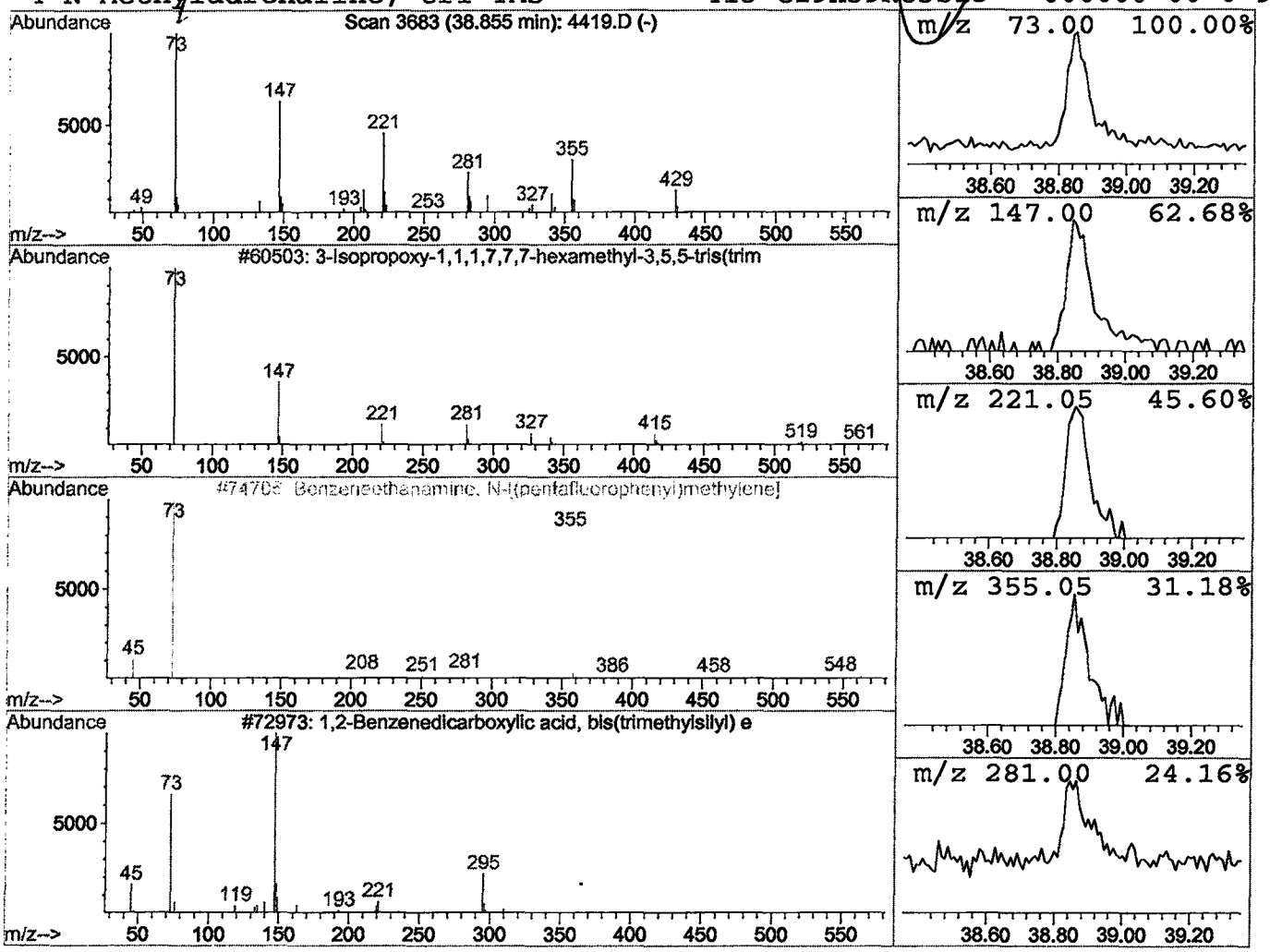
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.85	0.49 ug/l	58309	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	9
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	9
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4419.D
Acq On : 21 Mar 2002 8:09 pm
Sample : gc/ms scan 3/1
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator:
Inst : GC/MS 209
Multiplr: 1.00

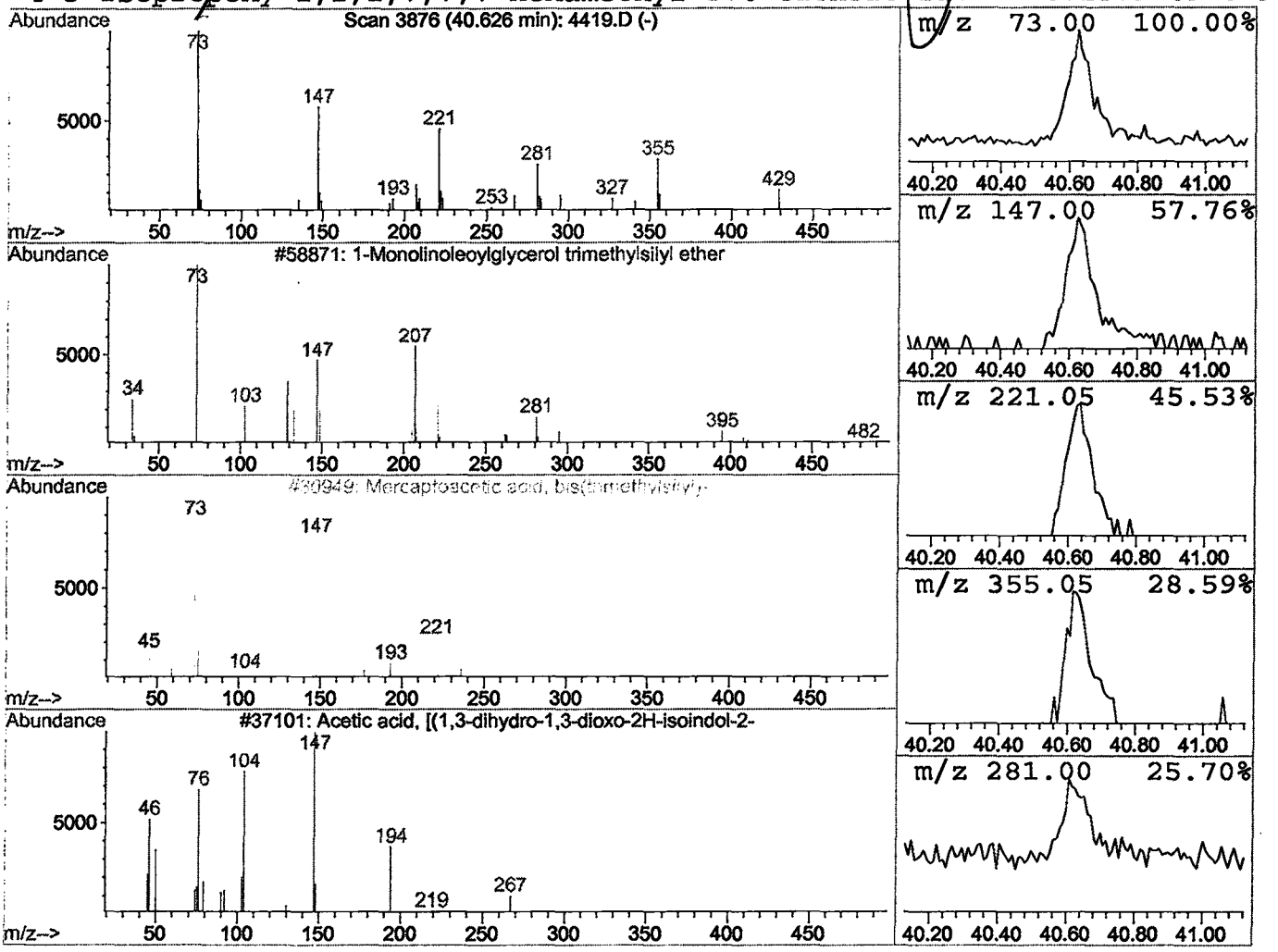
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1-Monolinoleoylglycerol trimet Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.63	0.47 ug/l	55907	Perylene-d12	37.97

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	16
3	Acetic acid, [(1,3-dihydro-1,3-diox	267	C11H9NO5S	042300-59-4	9
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 8:09 pm
Data File: C:\HPCHEM\1\DATA\MAR2102\4419.D
Name: gc/ms scan 3/1
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
1,3-Dioxolane, 2-met	8.14	2.0	ug/l	313687	ISTD01	12.27	3067110	20.0
Oxirane, [(1-methyle	8.24	0.4	ug/l	57831	ISTD01	12.27	3067110	20.0
3-Isopropoxy-1,1,1,7	37.40	0.4	ug/l	52836	ISTD06	37.97	2363950	20.0
3-Isopropoxy-1,1,1,7	38.85	0.5	ug/l	58309	ISTD06	37.97	2363950	20.0
1-Monolinoleoylglyce	40.63	0.5	ug/l	55907	ISTD06	37.97	2363950	20.0

4419.D GCMS0308.M Fri Mar 22 09:42:08 2002