User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 09:09:38

Sample: AE06423
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/02 09:09 Ended: 4/18/02 09:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		5.0

Comments for Sample AE06423 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 09:10:52

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\APR0405\6423.D Vial: 9
Acq On : 5 Apr 2002 7:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:13 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	443703	20.00	ug/l	-0.01
10) Naphthalene-d8	15.88	136	1623358	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.19	164	919639	20.00	ug/l	-0.01
30) Phenanthrene-d10	25.63	188	1271242	20.00	ug/l	-0.02
39) Chrysene-d12	33.69	240	600839	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	334222	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/mL	
Spiked Amount 4.000			Recovery = 0.00%			
38) 2,4-DDD	30.71	235	65874	~~5.62~~ 2.5	ug/mL	0.21
Spiked Amount 5.000			Recovery = ~~112.40%~~ 70%			
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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.54	165	112	N.D.		
25) Diethylphthalate	22.67	149	768	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 : 5 Apr 2002 7:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

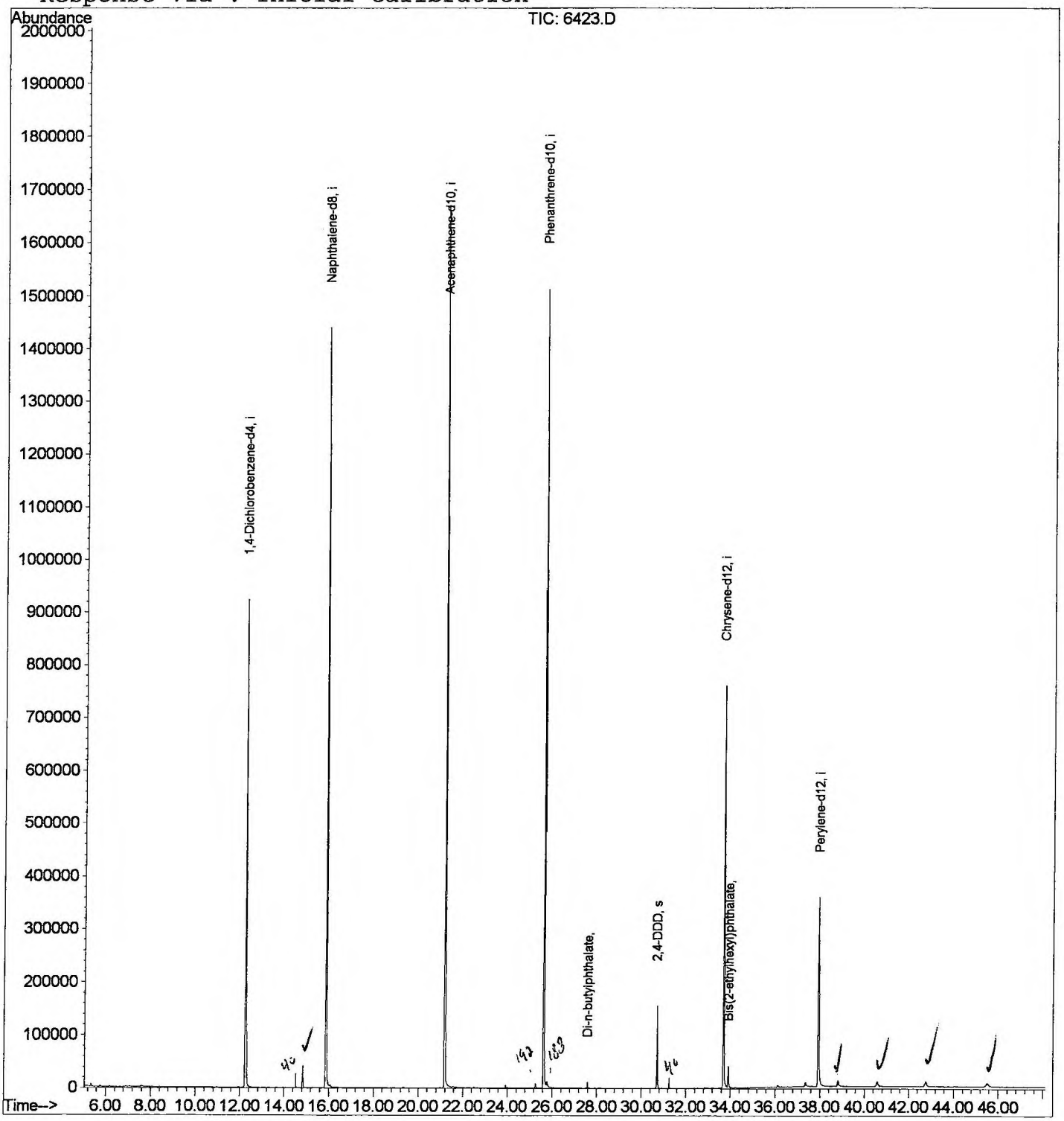
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.63	178	312	N.D.	
35) Anthracene	25.63	178	312	N.D.	
36) Di-n-butylphthalate	27.60	149	14092	0.27 ug/l	98
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.69	228	1304	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.91	149	30619	1.72 ug/l	95
44) Chrysene	33.69	228	1304	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	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	37.94	252	1072	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

Data File : C:\HPCHEM\1\DATA\APR0405\6423.D Vial: 9
Acq On : 5 Apr 2002 7:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:13 2002 Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0405\6423.D Vial: 9
Acq On : 5 Apr 2002 7:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0408.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

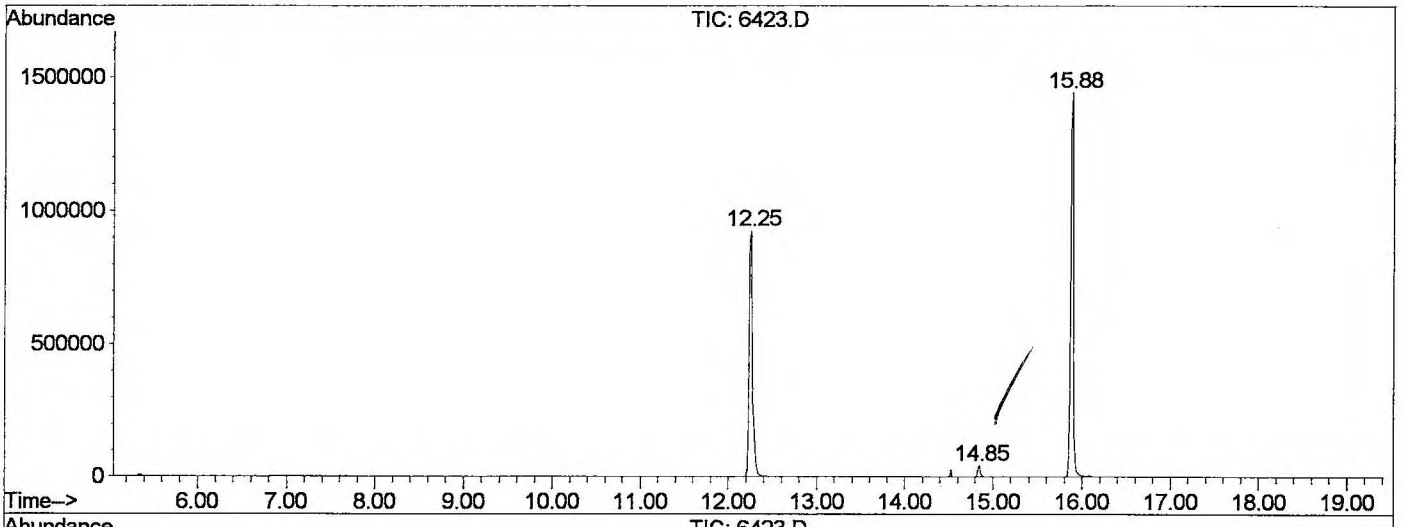
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.249	779	785	801	rBV	922979	2386106	68.18%	15.210%
2	14.847	1061	1068	1075	rBV	42272	82017	2.34%	0.523%
3	15.885	1175	1181	1199	rBV	1439655	3058722	87.40%	19.498%
4	21.191	1752	1759	1774	rBV	1670445	3499578	100.00%	22.308%
5	25.634	2236	2243	2254	rBV	1513555	3204786	91.58%	20.429%
6	30.702	2790	2795	2802	rBV	156037	322463	9.21%	2.056%
7	33.685	3114	3120	3139	rBV2	762034	1743126	49.81%	11.111%
8	33.906	3139	3144	3157	rVB	41626	98911	2.83%	0.630%
9	37.927	3575	3582	3601	rBV2	357895	1126501	32.19%	7.181%
10	38.817	3673	3679	3688	rVB4	10930	37278	1.07%	0.238%
11	40.580	3863	3871	3879	rBV5	8987	40940	1.17%	0.261%
12	42.774	4099	4110	4124	rVB4	9056	50058	1.43%	0.319%
13	45.528	4400	4410	4422	rVB8	6126	37229	1.06%	0.237%

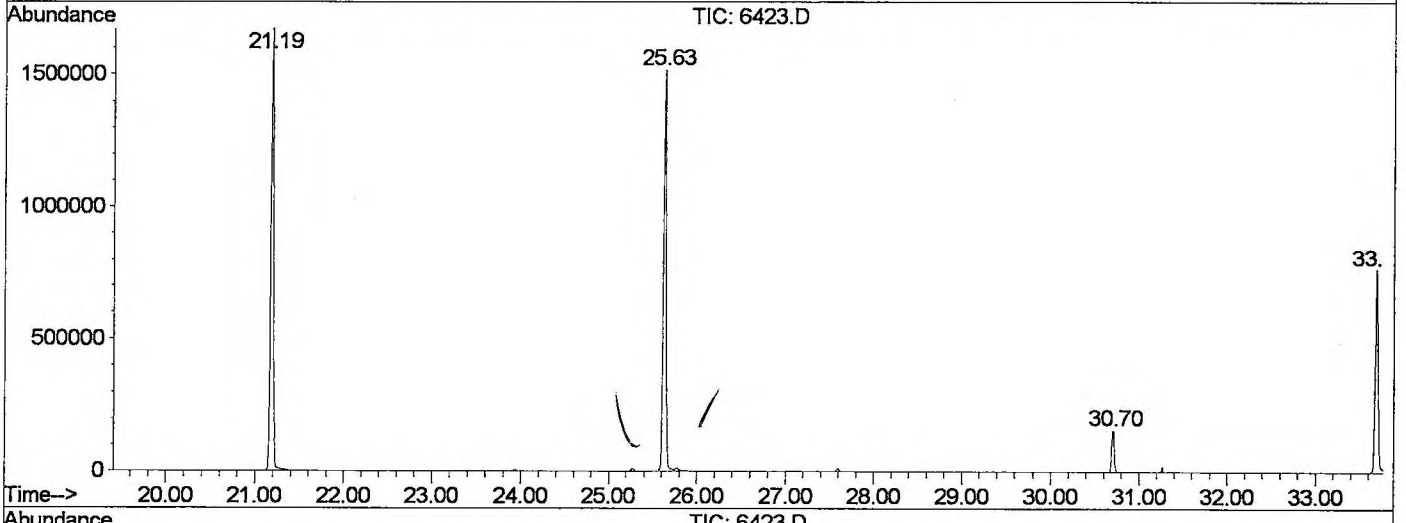
Sum of corrected areas: 15687715

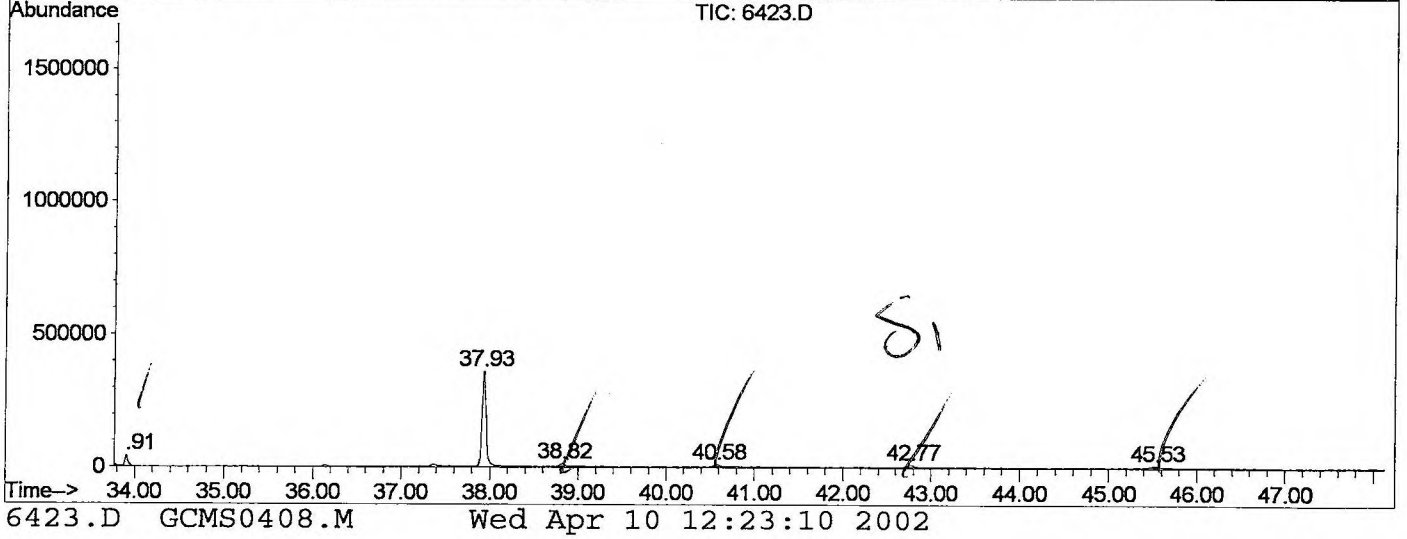
6423.D GCMS0408.M Wed Apr 10 12:23:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0405\6423.D
Operator :
Acquired : 5 Apr 2002 7:54 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/19
Misc Info :
Vial Number: 9
Quant File :GCMS0408.RES (RTE Integrator)







6423.D GCMS0408.M Wed Apr 10 12:23:10 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6423.D Vial: 9
Acq On : 5 Apr 2002 7:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

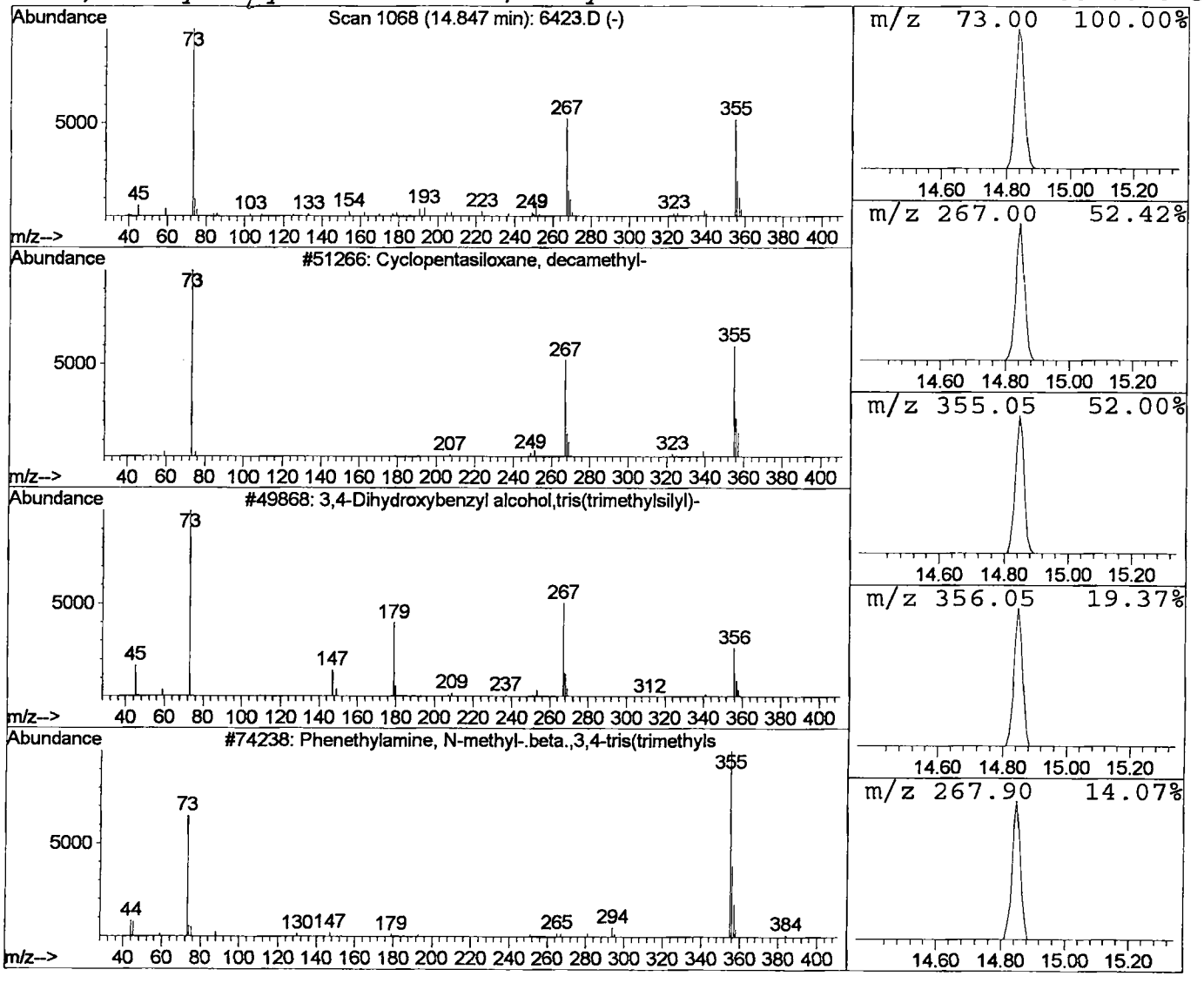
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	0.54 ug/l	82017	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	52
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	43
4	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6423.D Vial: 9
Acq On : 5 Apr 2002 7:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

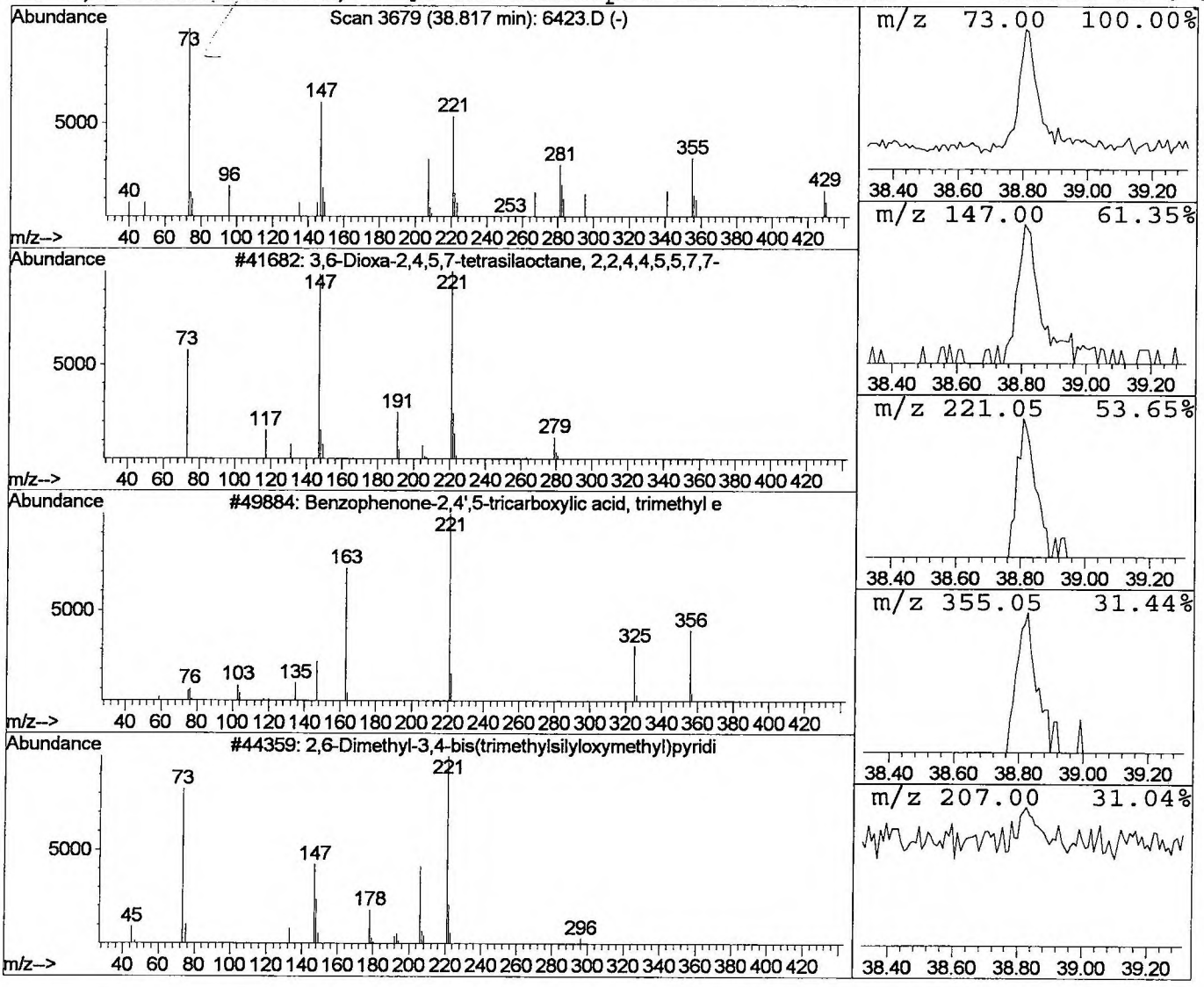
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.82	0.66 ug/l	37278	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
2	Benzophenone-2,4',5-tricarboxylic a	356	C19H16O7	000000-00-0	10
3	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	10
4	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6423.D Vial: 9
Acq On : 5 Apr 2002 7:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

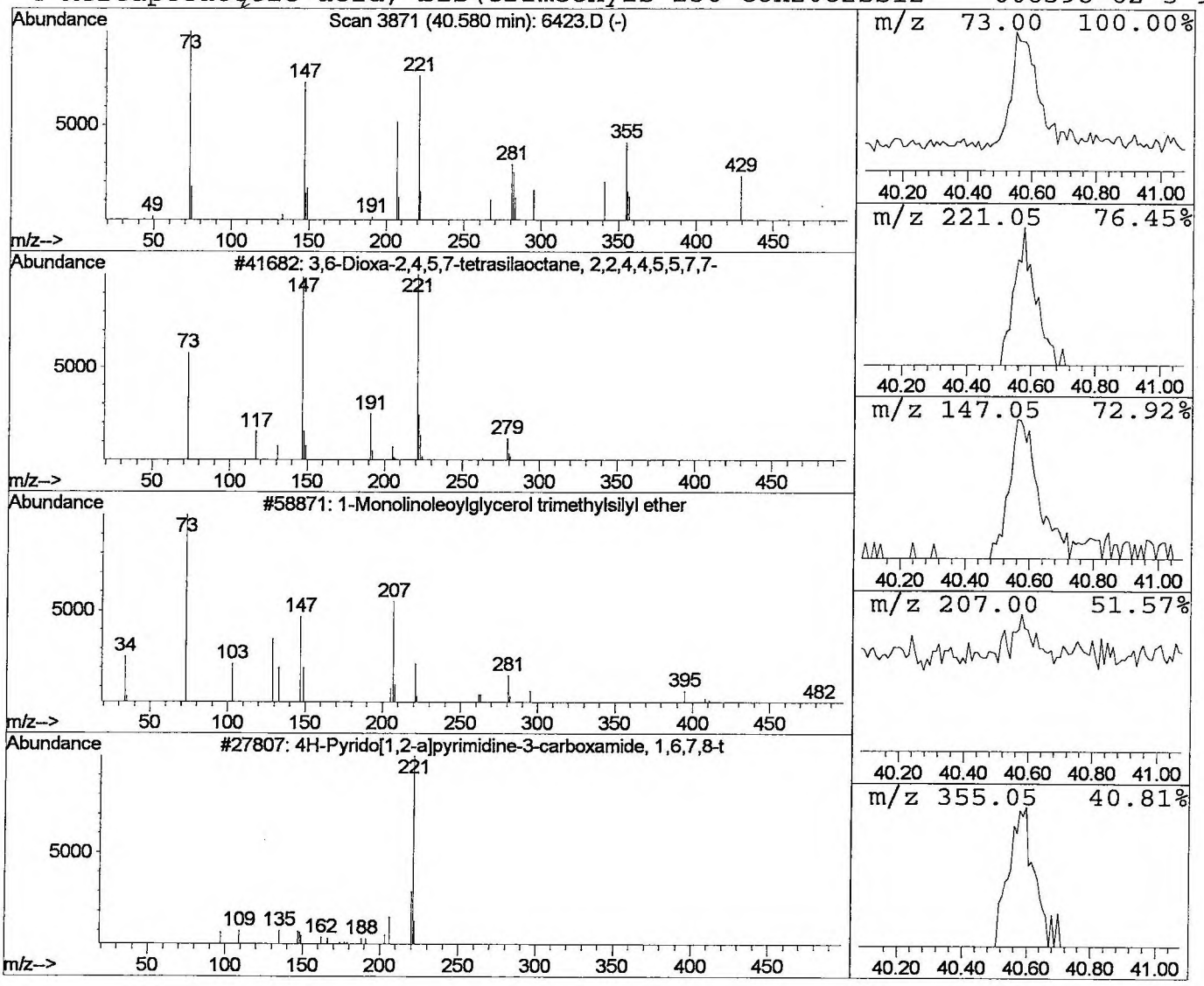
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.58	0.73 ug/l	40940	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	12
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	10
3	4H-Pyrido[1,2-a]pyrimidine-3-carbox	221	C11H15N3O2	064399-29-7	9
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6423.D Vial: 9
Acq On : 5 Apr 2002 7:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

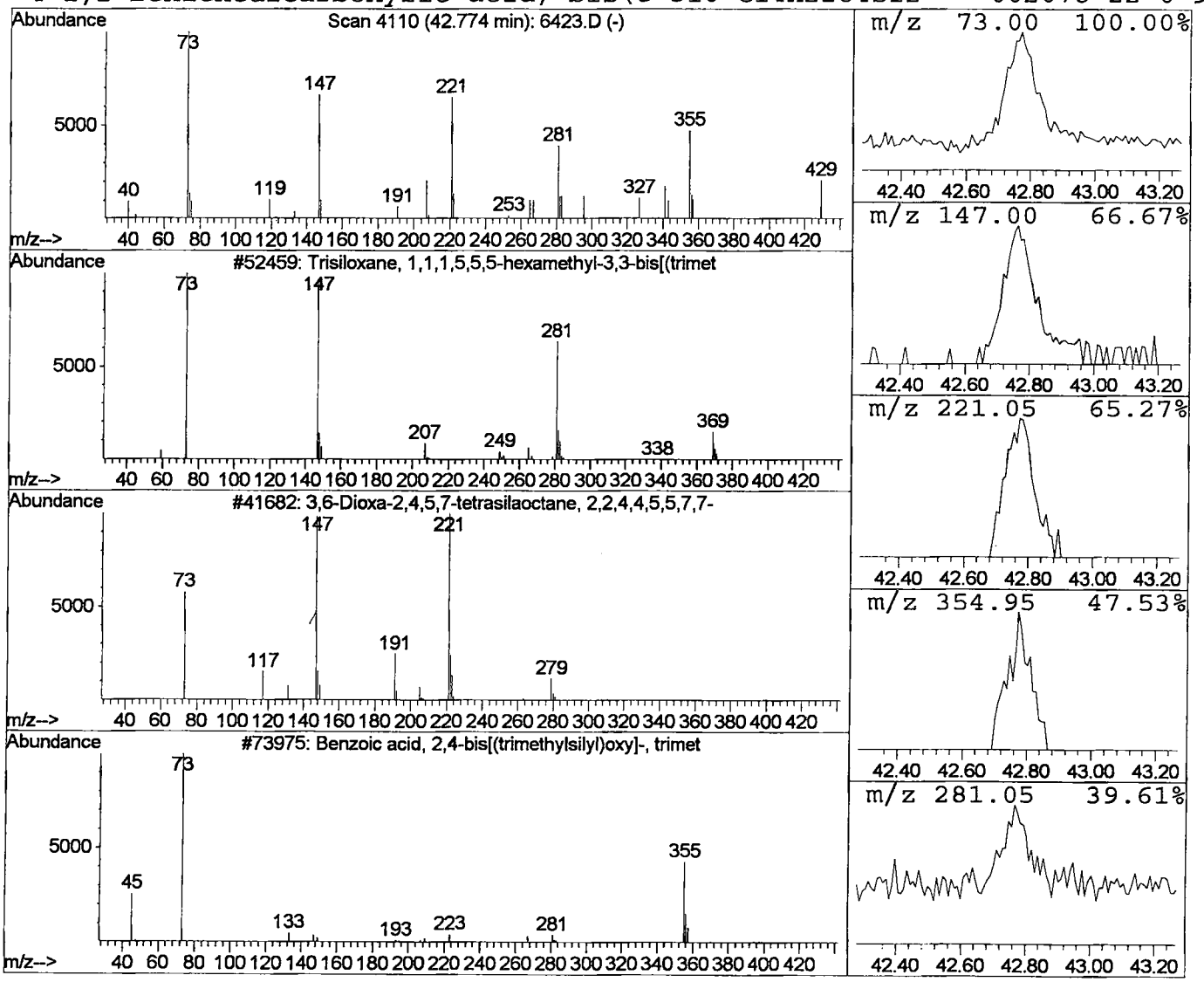
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.77	0.89 ug/l	50058	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	10
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	10
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6423.D
Acq On : 5 Apr 2002 7:54 pm
Sample : gc/ms scan 3/19
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator:
Inst : GC/MS 209
Multiplr: 1.00

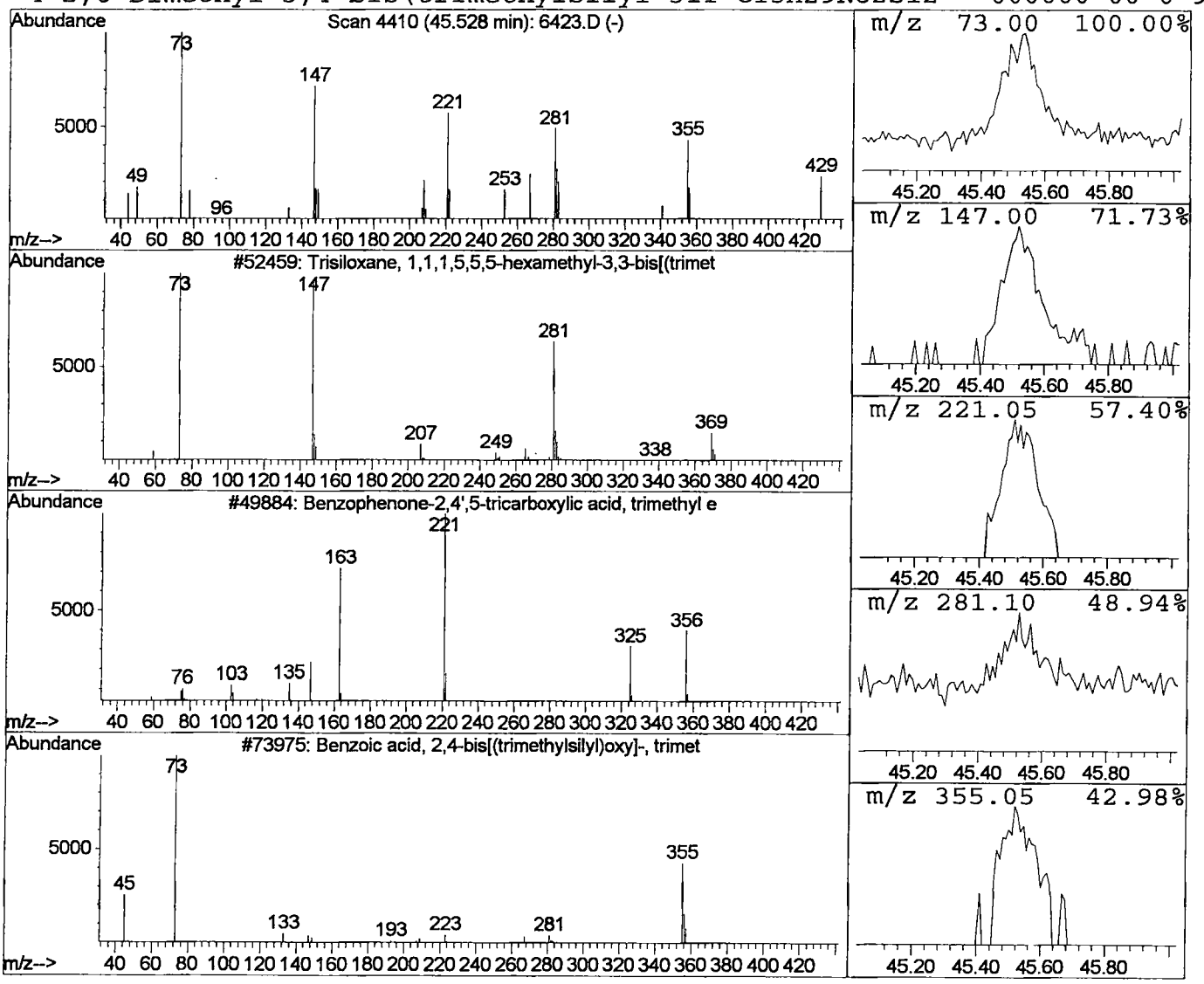
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.53	0.66 ug/l	37229	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	10
2	Benzophenone-2,4',5-tricarboxylic a	356	C19H16O7	000000-00-0	9
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	9
4	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Apr 2002 7:54 pm
Data File: C:\HPCHEM\1\DATA\APR0405\6423.D
Name: gc/ms scan 3/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0408.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	82017	ISTD02	15.88	3058720	20.0
3,6-Dioxa-2,4,5,7-te	38.82	0.7	ug/l	37278	ISTD06	37.93	1126500	20.0
3,6-Dioxa-2,4,5,7-te	40.58	0.7	ug/l	40940	ISTD06	37.93	1126500	20.0
Trisiloxane, 1,1,1,5	42.77	0.9	ug/l	50058	ISTD06	37.93	1126500	20.0
Trisiloxane, 1,1,1,5	45.53	0.7	ug/l	37229	ISTD06	37.93	1126500	20.0

6423.D GCMS0408.M Wed Apr 10 12:23:15 2002