User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 12:38:07

Sample: AE04805
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 12:37 Ended: 4/5/02 12:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Comments for Sample AE04805 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 12:38:36

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 15:33 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 29 10:31:28 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	417912	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1524445	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	871206	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1219672	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	597388	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	333721	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	88164	~~7.21~~ 4.77	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~144.20%~~ 95%		

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	15.95	128	398	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	418	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\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 15:33 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 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

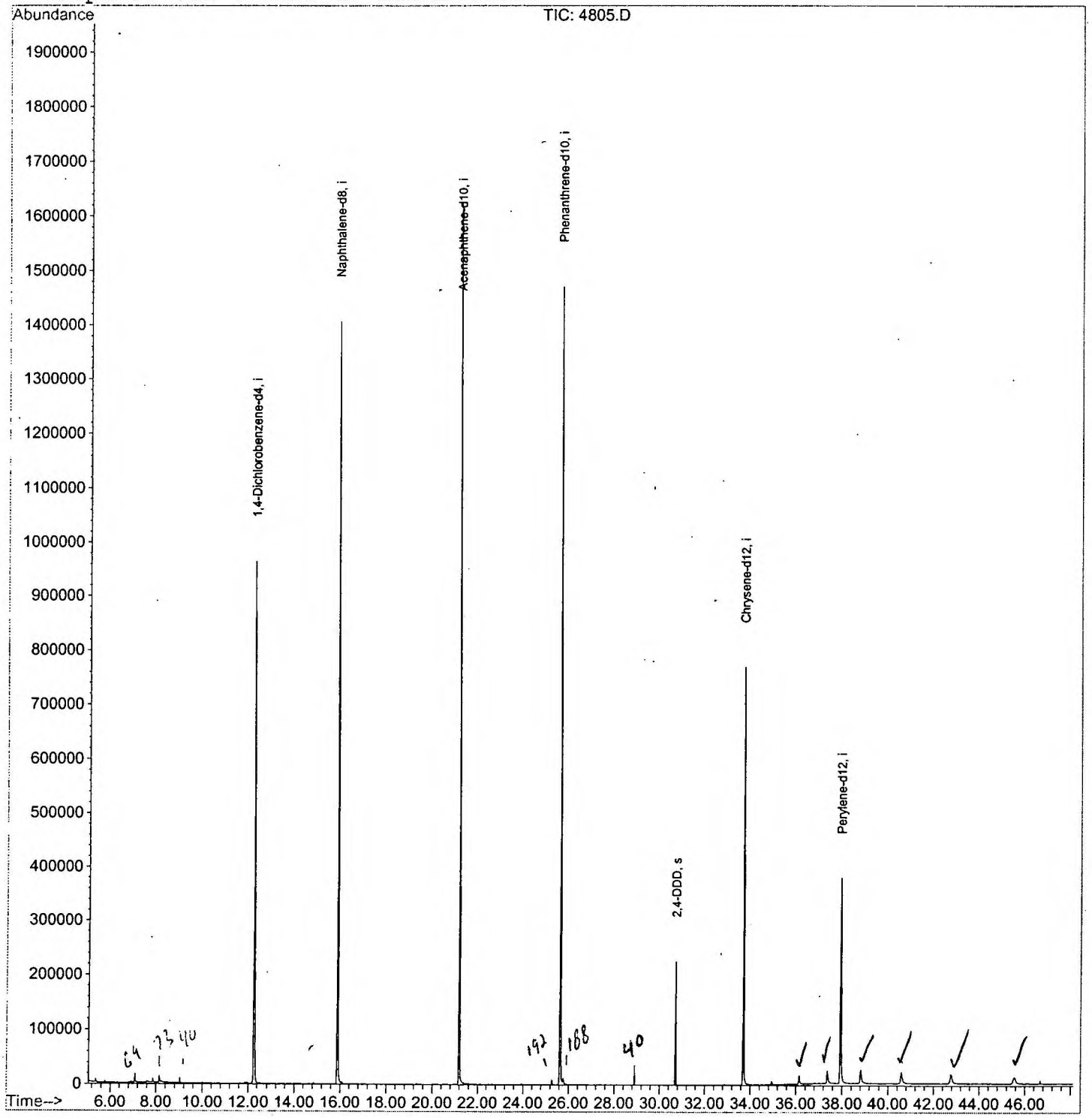
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	281	N.D.	
34)	Anthracene	25.63	178	281	N.D.	
35)	Di-n-butylphthalate	27.60	149	2153	N.D.	
36)	Fluoranthene	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	33.70	228	1514	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	1431	N.D.	
43)	Chrysene	33.76	228	539	N.D.	
45)	Di-n-Octylphthalate	35.66	149	577	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	613	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	575	N.D.	
48)	Benzo(a)pyrene	37.75	252	263	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	43.33	276	606	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 15:33 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 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 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

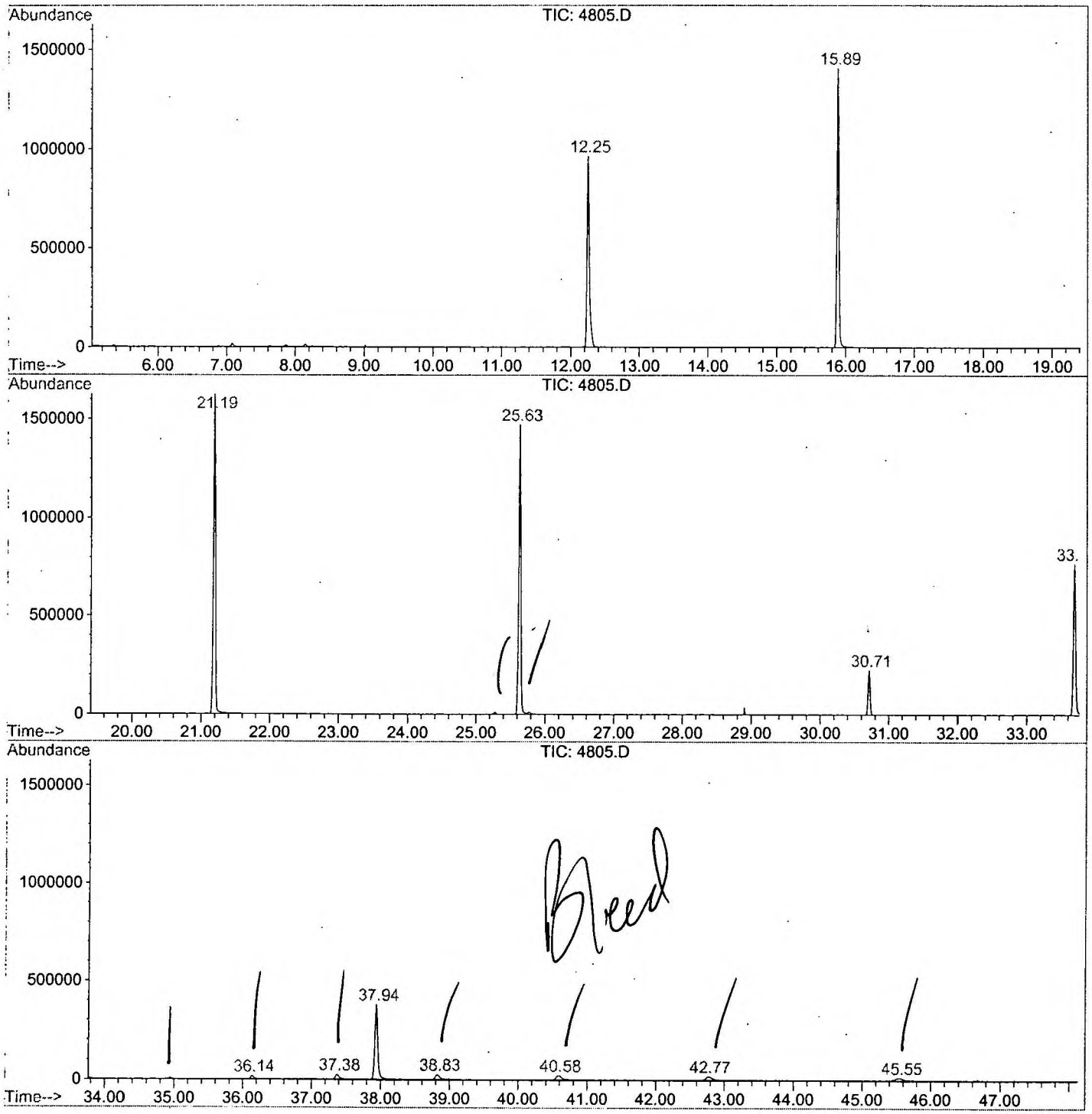
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.250	780	785	804	rVB	963492	2240484	67.40%	14.660%
2	15.885	1175	1181	1199	rBV	1406431	2883349	86.74%	18.866%
3	21.191	1753	1759	1775	rBV	1626097	3324242	100.00%	21.751%
4	25.635	2237	2243	2254	rBV2	1470804	3032770	91.23%	19.844%
5	30.711	2791	2796	2801	rBV	227192	433126	13.03%	2.834%
6	33.695	3114	3121	3136	rBV	771687	1728252	51.99%	11.308%
7	36.137	3383	3387	3396	rBV2	15423	44759	1.35%	0.293%
8	37.376	3515	3522	3536	rBV	23260	85520	2.57%	0.560%
9	37.936	3576	3583	3598	rBV2	379633	1115573	33.56%	7.299%
10	38.827	3672	3680	3696	rBV2	23825	103036	3.10%	0.674%
11	40.580	3863	3871	3882	rBV5	20512	106287	3.20%	0.695%
12	42.765	4099	4109	4122	rBV4	16715	98174	2.95%	0.642%
13	45.547	4398	4412	4422	rBV7	11488	87635	2.64%	0.573%

Sum of corrected areas: 15283207

4805.D GCMS0308.M Mon Apr 01 15:49:08 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2802\4805.D
Operator :
Acquired : 29 Mar 2002 3:23 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/5
Misc Info :
Vial Number: 20
Quant File :GCMS0308.RES (RTE Integrator)



4805.D GCMS0308.M Mon Apr 01 15:49:14 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

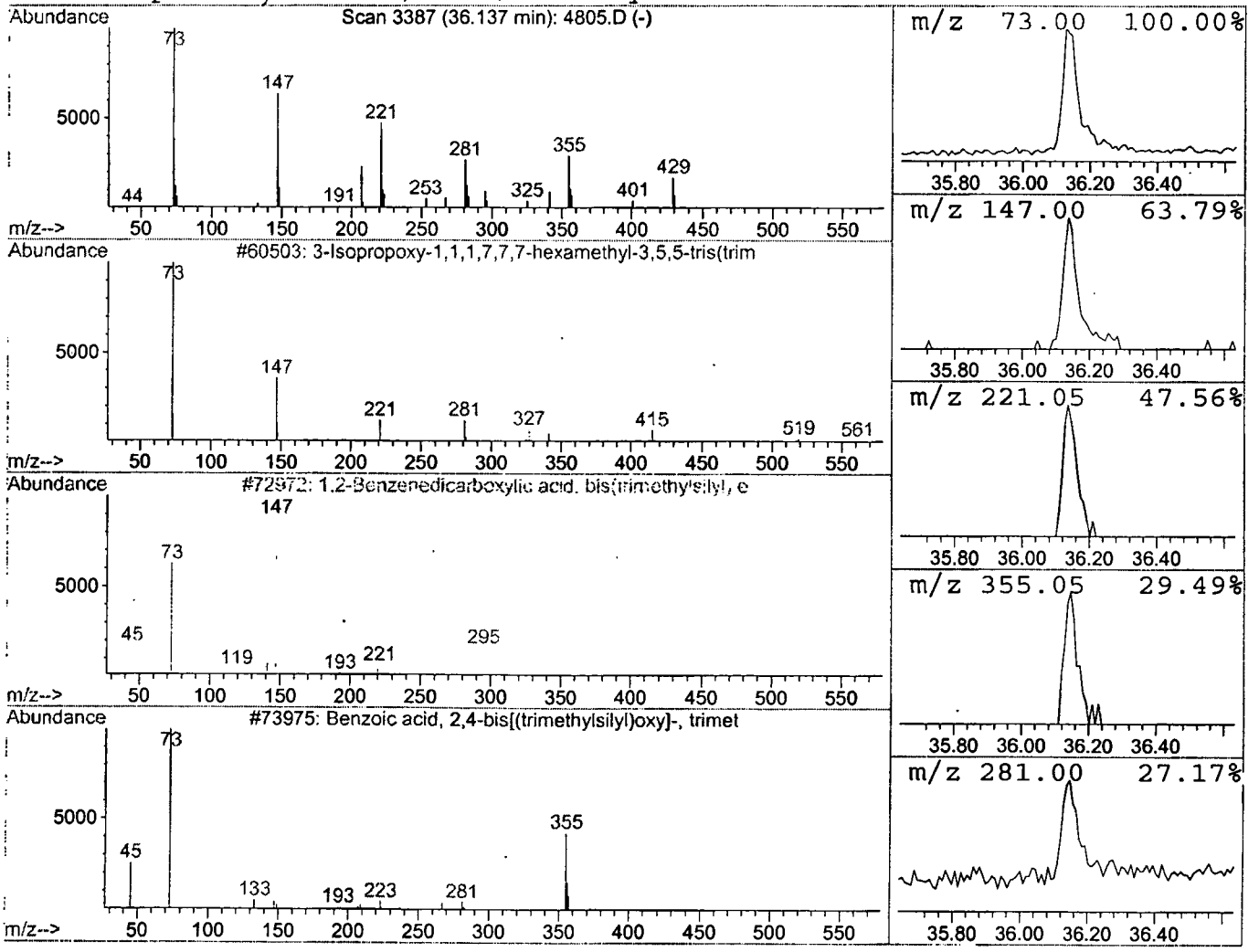
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.14	0.80 ug/l	44759	Perylene-d12	37.94

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	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	10
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	9
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

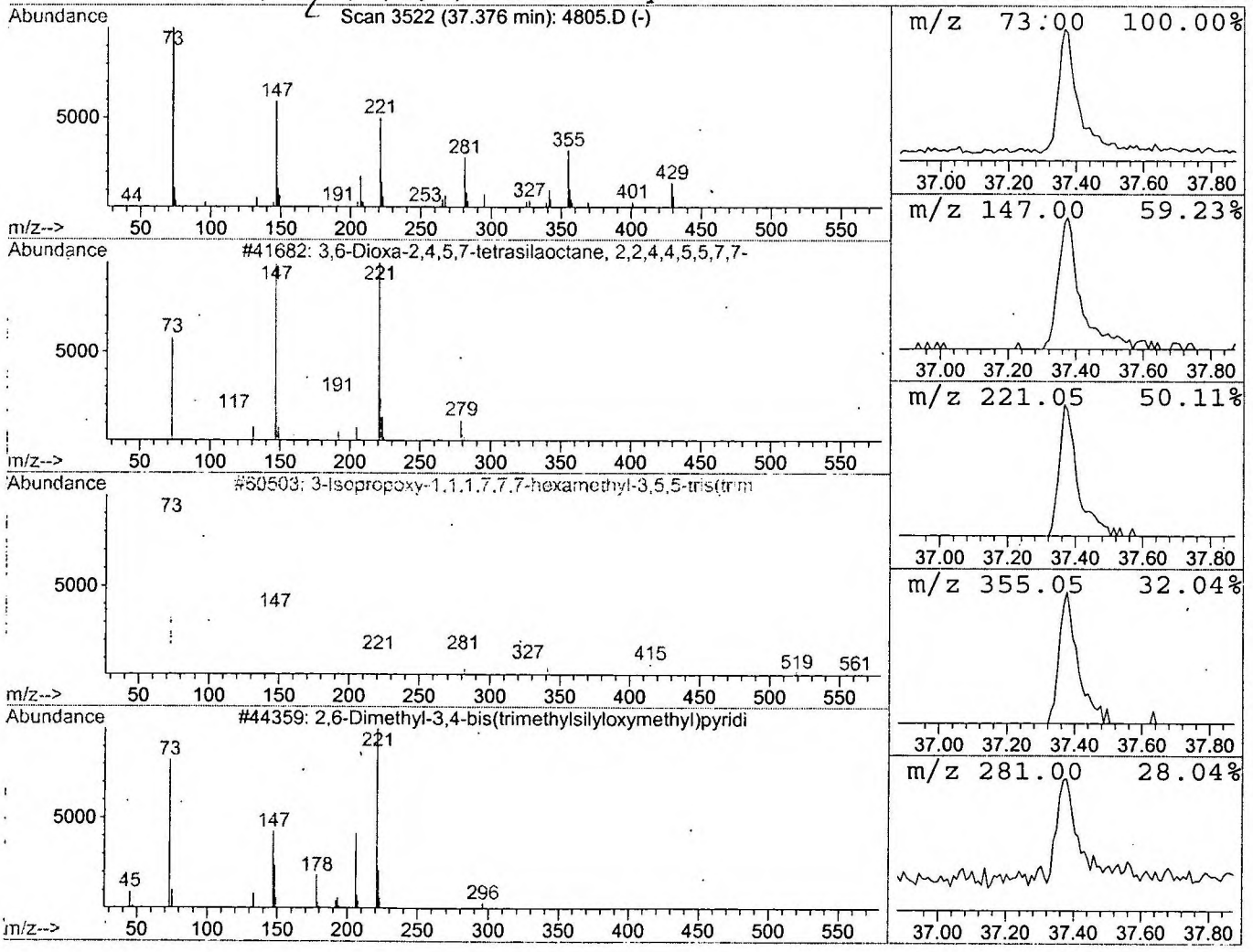
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.38	1.53 ug/l	85520	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	37
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
3	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

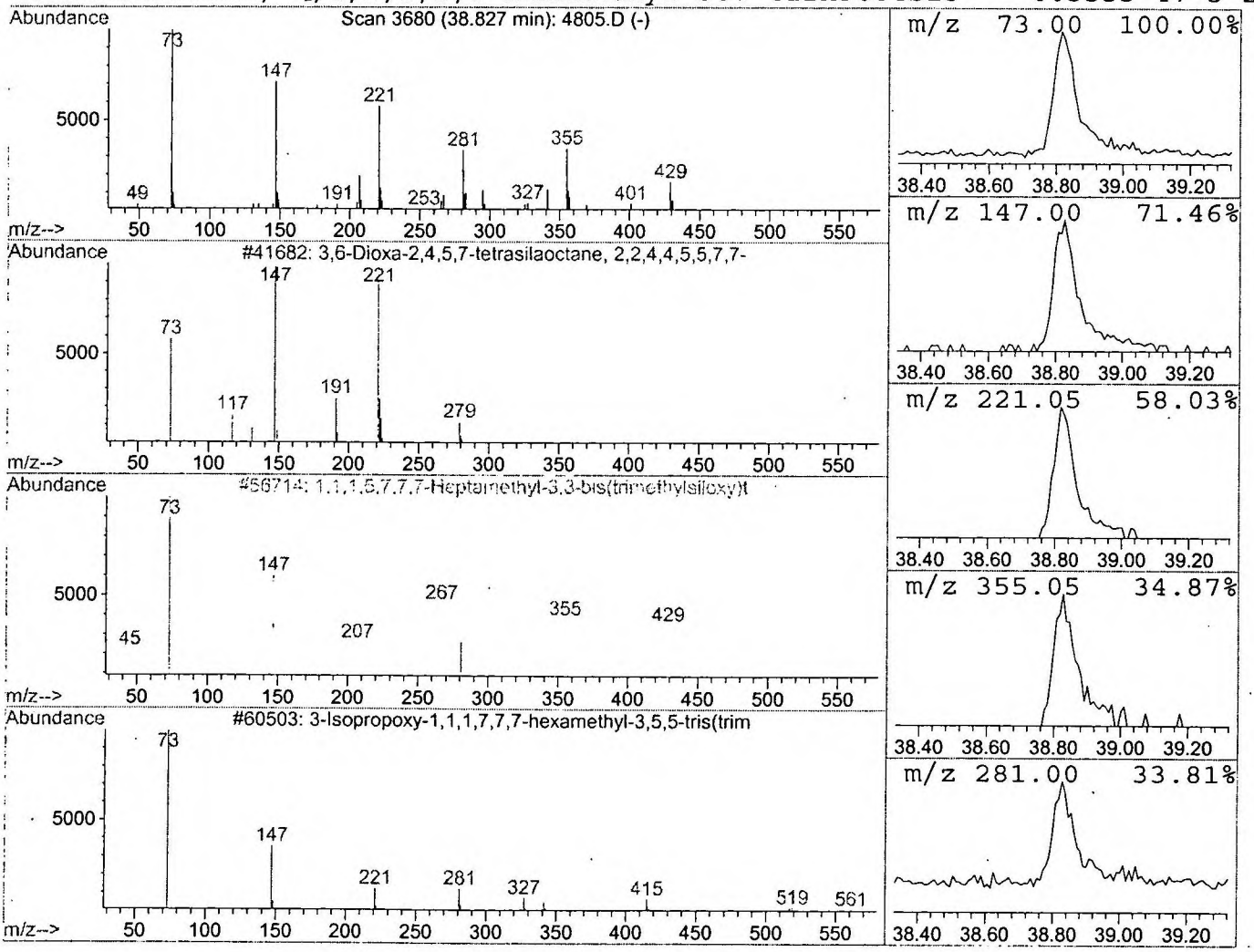
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.83	1.85 ug/l	103036	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	25
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	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\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

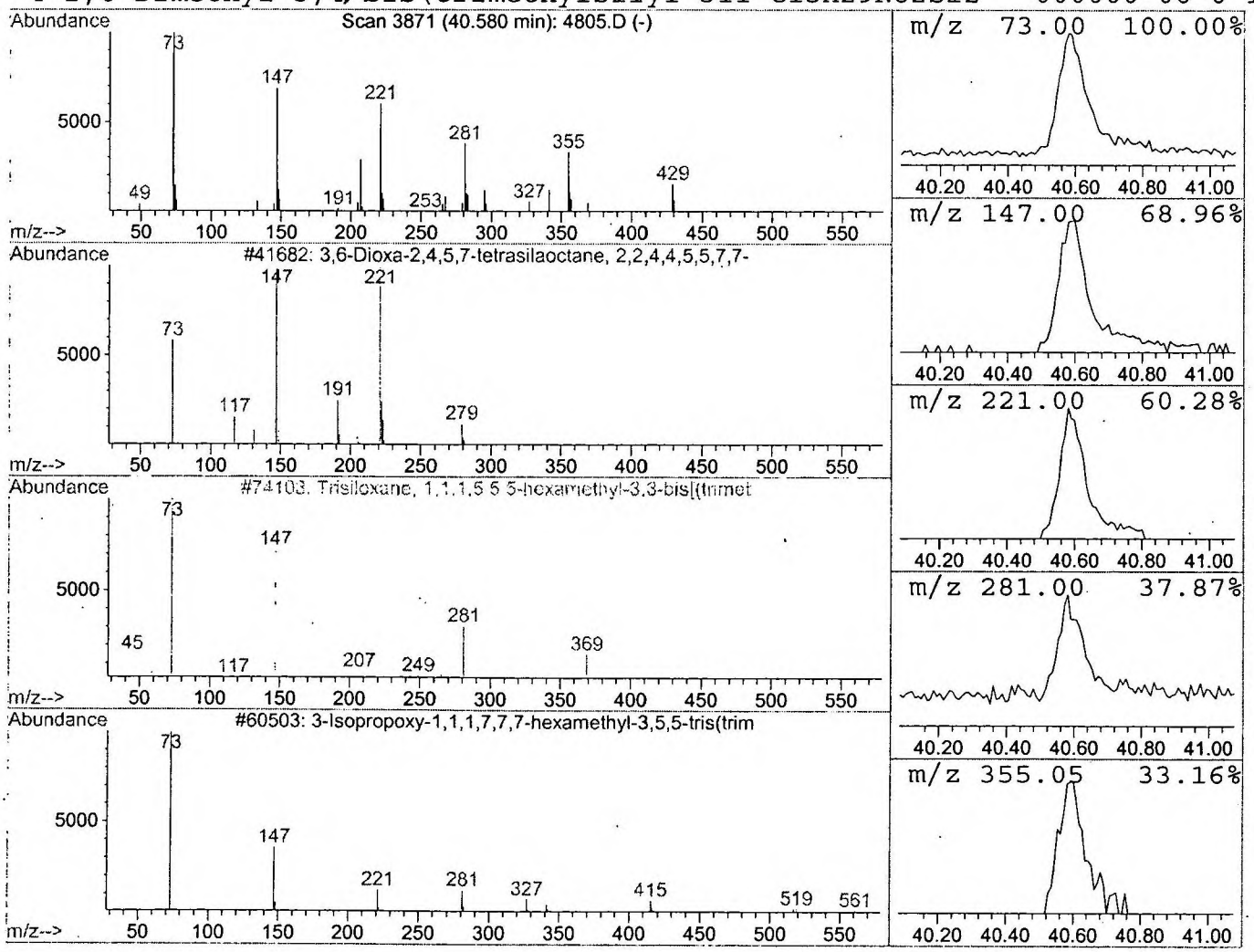
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.58	1.91 ug/l	106287	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	35
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	27
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
4	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

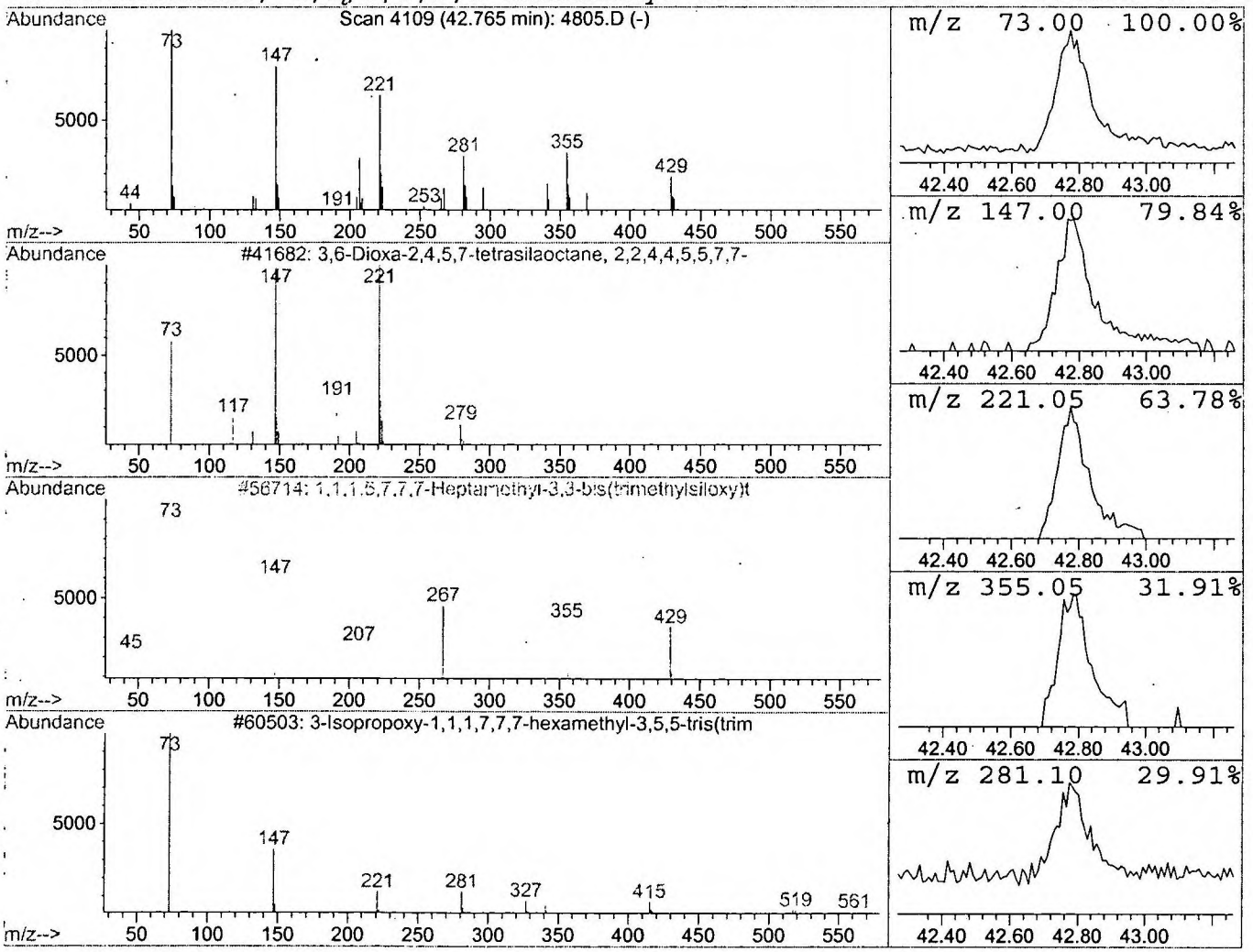
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.77	1.76 ug/l	98174	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	50
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	37
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4805.D Vial: 20
Acq On : 29 Mar 2002 3:23 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

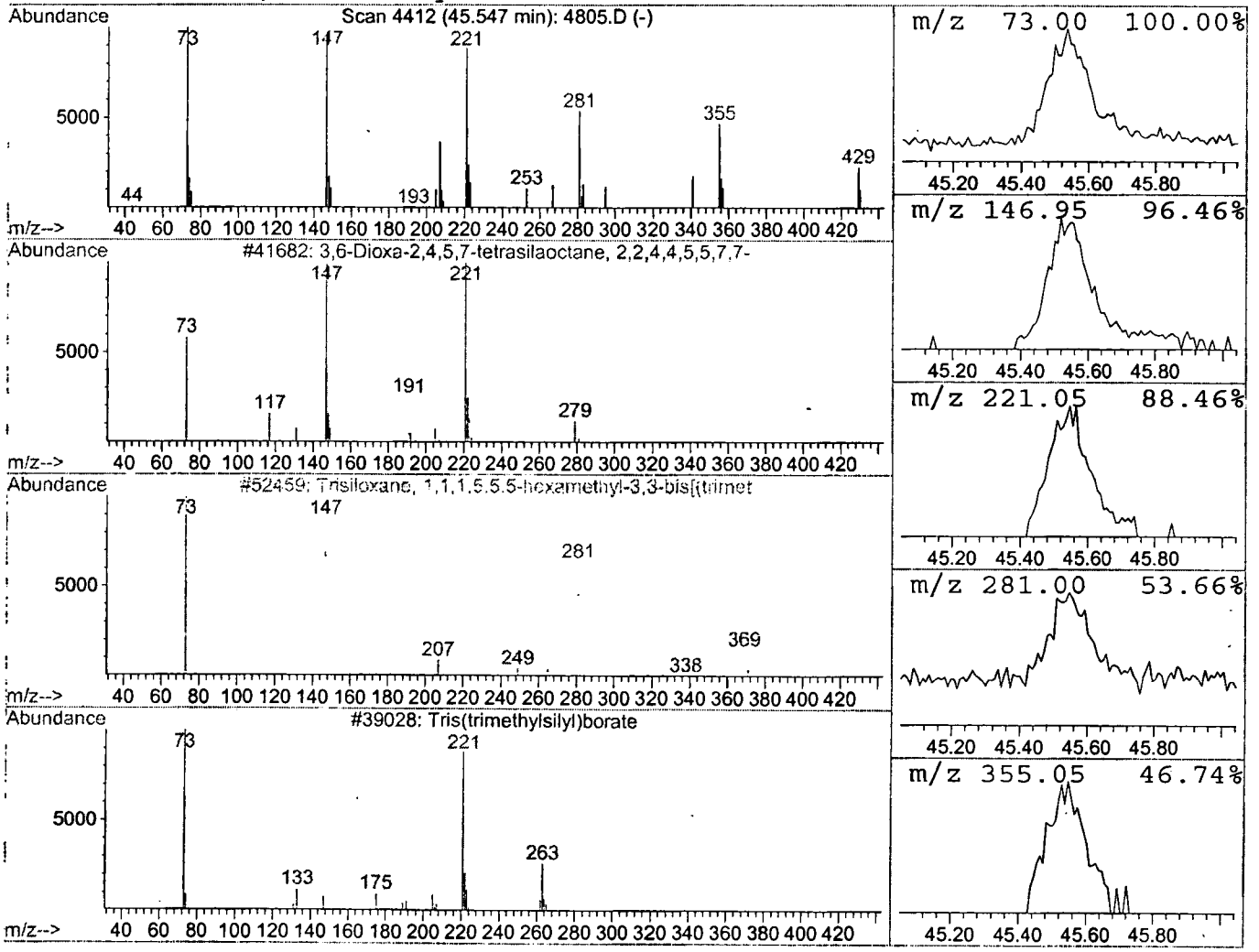
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.55	1.57 ug/l	87635	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	43
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 29 Mar 2002 3:23 am
Data File: C:\HPCHEM\1\DATA\MAR2802\4805.D
Name: gc/ms scan 3/5
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
3-Isopropoxy-1,1,1,7	36.14	0.8	ug/l	44759	ISTD06	37.94	1115570	20.0
3,6-Dioxa-2,4,5,7-te	37.38	1.5	ug/l	85520	ISTD06	37.94	1115570	20.0
3,6-Dioxa-2,4,5,7-te	38.83	1.8	ug/l	103036	ISTD06	37.94	1115570	20.0
3,6-Dioxa-2,4,5,7-te	40.58	1.9	ug/l	106287	ISTD06	37.94	1115570	20.0
3,6-Dioxa-2,4,5,7-te	42.77	1.8	ug/l	98174	ISTD06	37.94	1115570	20.0
3,6-Dioxa-2,4,5,7-te	45.55	1.6	ug/l	87635	ISTD06	37.94	1115570	20.0

4805.D GCMS0308.M Mon Apr 01 15:49:43 2002

Volume