User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 09:01:27

Sample: AE04947
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 09:00 Ended: 4/5/02 09:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		124		5.0

Comments for Sample AE04947 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 09:01:51

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\4947.D Vial: 14
Acq On : 30 Mar 2002 3:51 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 4:40 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	463892	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1693173	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	943539	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1328209	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	656668	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	396012	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	82394	6.18	ug/mL	0.21
Spiked Amount 5.000			Recovery = 123.60%			
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	15.93	128	525	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	22.68	149	534	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)

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Acq On : 30 Mar 2002 3:51 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 4:40 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

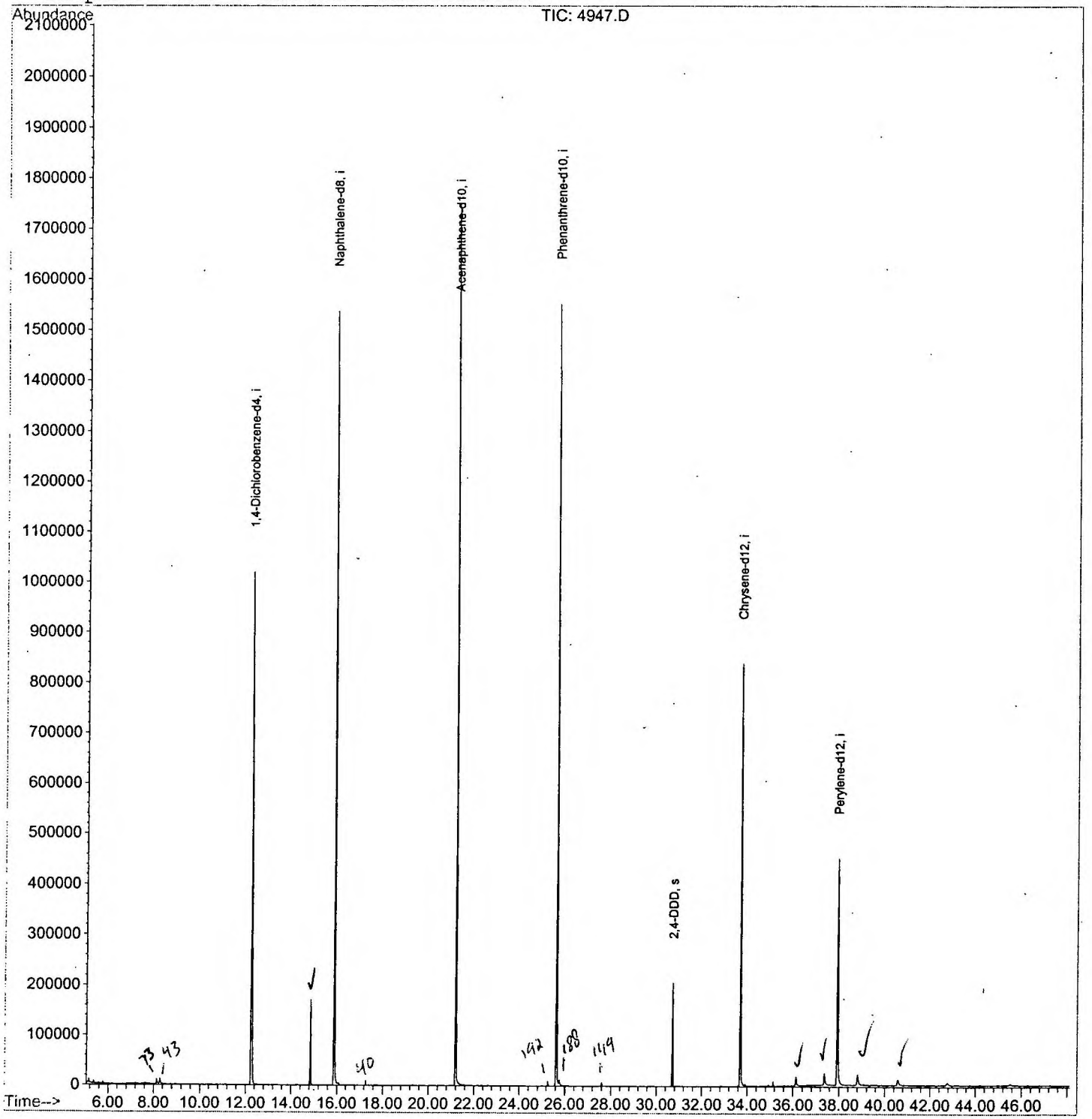
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	269	N.D.	
34)	Anthracene	25.63	178	269	N.D.	
35)	Di-n-butylphthalate	27.60	149	9843	N.D.	
36)	Fluoranthene	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	33.69	228	1455	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	2338	N.D.	
43)	Chrysene	33.69	228	1455	N.D.	
45)	Di-n-Octylphthalate	35.64	149	2589	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	960	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	1422	N.D.	
48)	Benzo(a)pyrene	37.74	252	1136	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.07	276	1312	N.D.	
50)	Dibenz(a,h)anthracene	42.15	278	1070	N.D.	
51)	Benzo(g,h,i)perylene	43.31	276	1765	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4947.D Vial: 14
Acq On : 30 Mar 2002 3:51 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 4:40 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\MAR3002\4947.D Vial: 14
Acq On : 30 Mar 2002 3:51 am Operator:
Sample : gc/ms scan 3/6 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

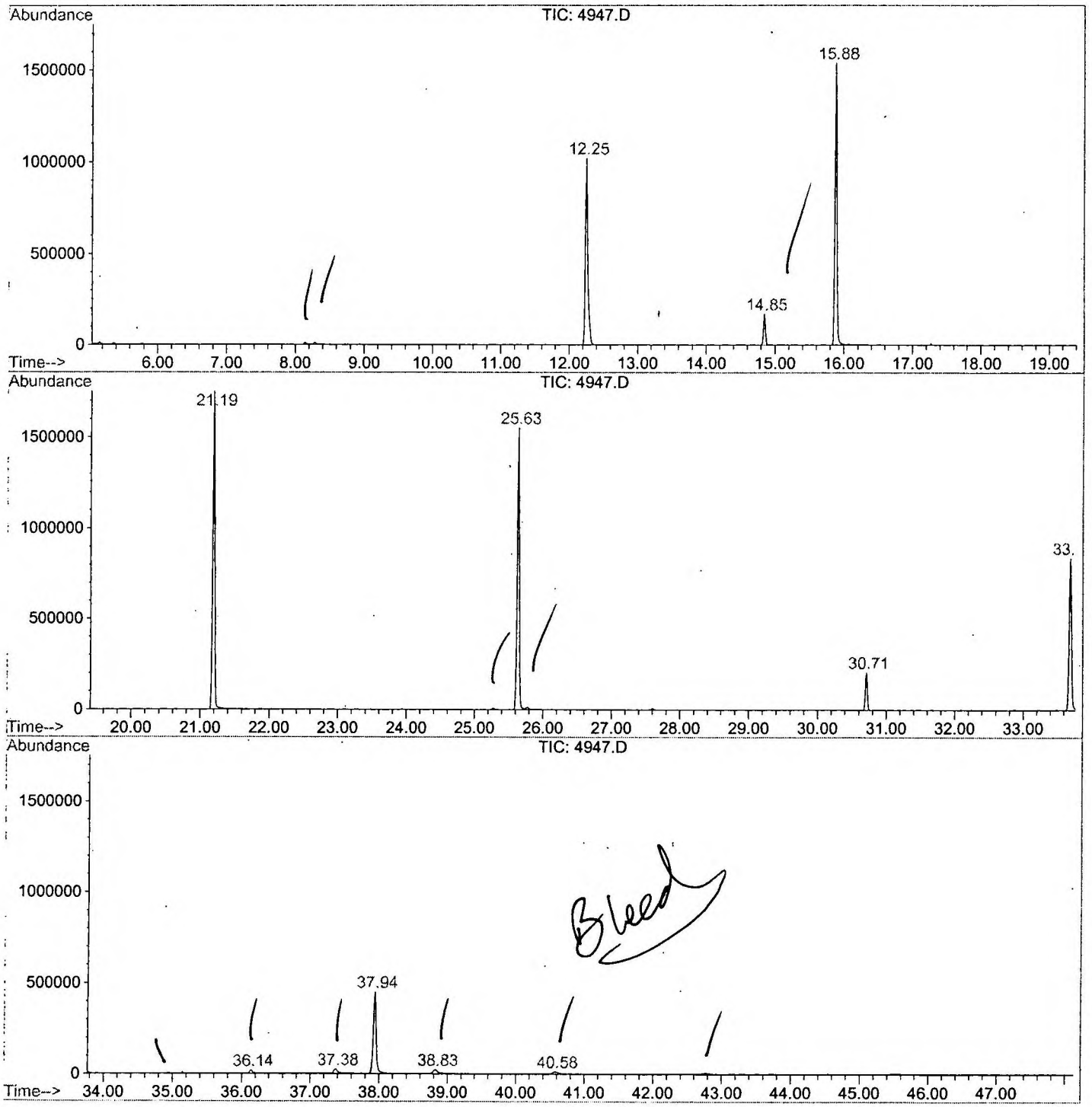
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.249	779	785	799	rBV	1019044	2493529	69.89%	14.835%
2	14.847	1063	1068	1075	rVB	170594	327044	9.17%	1.946%
3	15.884	1175	1181	1197	rBV	1536451	3190985	89.44%	18.985%
4	21.190	1753	1759	1774	rBV	1750956	3567583	100.00%	21.225%
5	25.633	2237	2243	2255	rBV2	1551445	3306214	92.67%	19.670%
6	30.710	2791	2796	2802	rBV	206039	402210	11.27%	2.393%
7	33.694	3114	3121	3136	rBV	838713	1916877	53.73%	11.405%
8	36.136	3382	3387	3392	rBV	17886	47080	1.32%	0.280%
9	37.375	3515	3522	3528	rBV2	23509	78531	2.20%	0.467%
10	37.935	3575	3583	3599	rBV2	449539	1339943	37.56%	7.972%
11	38.826	3671	3680	3689	rBV	21203	86189	2.42%	0.513%
12	40.579	3863	3871	3882	rBV5	10749	51887	1.45%	0.309%

Sum of corrected areas: 16808072

4947.D GCMS0308.M Tue Apr 02 11:10:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\4947.D
Operator :
Acquired : 30 Mar 2002 3:51 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/6
Misc Info :
Vial Number: 14
Quant File :GCMS0308.RES (RTE Integrator)



4947.D GCMS0308.M Tue Apr 02 11:10:09 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4947.D Vial: 14
Acq On : 30 Mar 2002 3:51 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

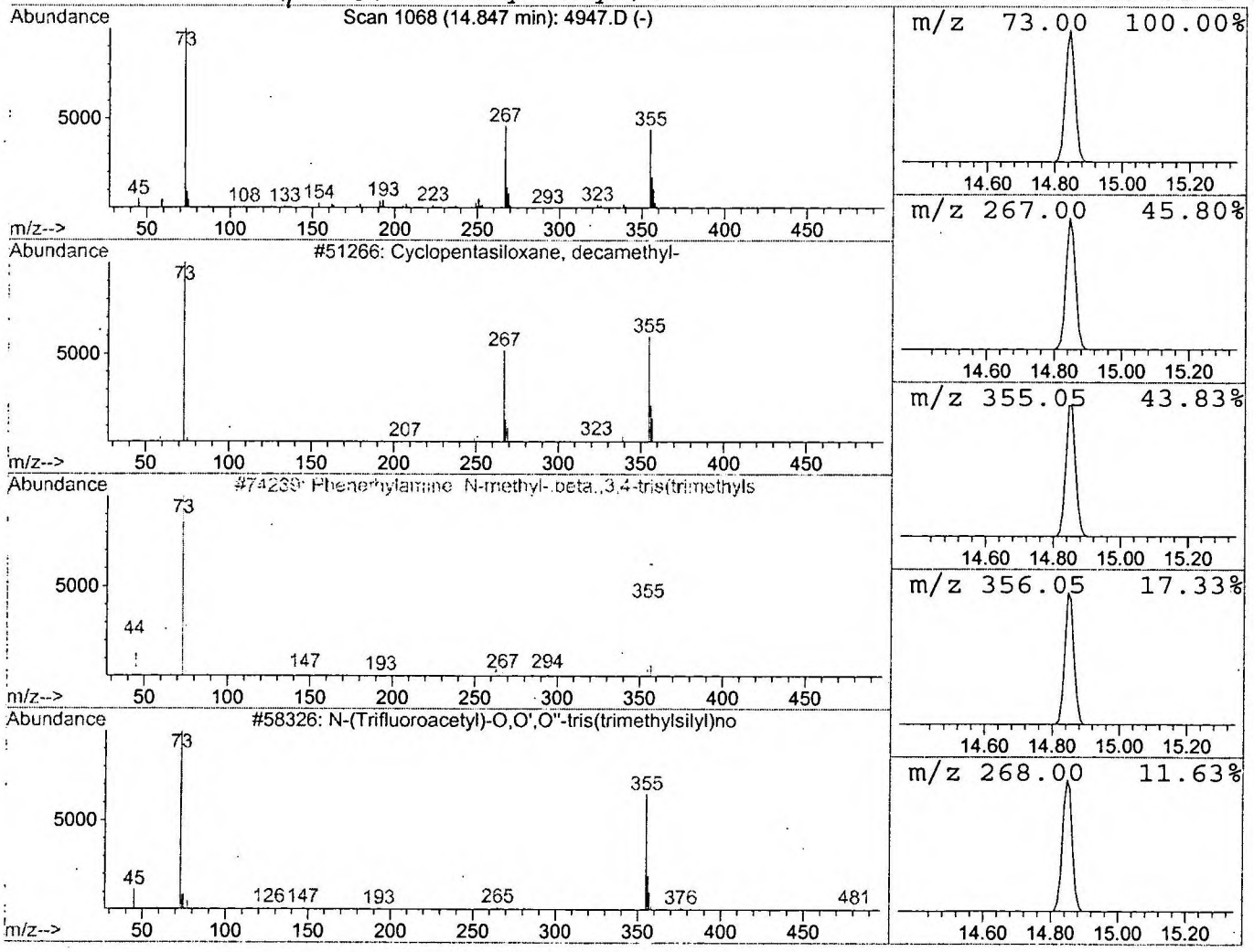
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.05 ug/l	327044	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4947.D Vial: 14
Acq On : 30 Mar 2002 3:51 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

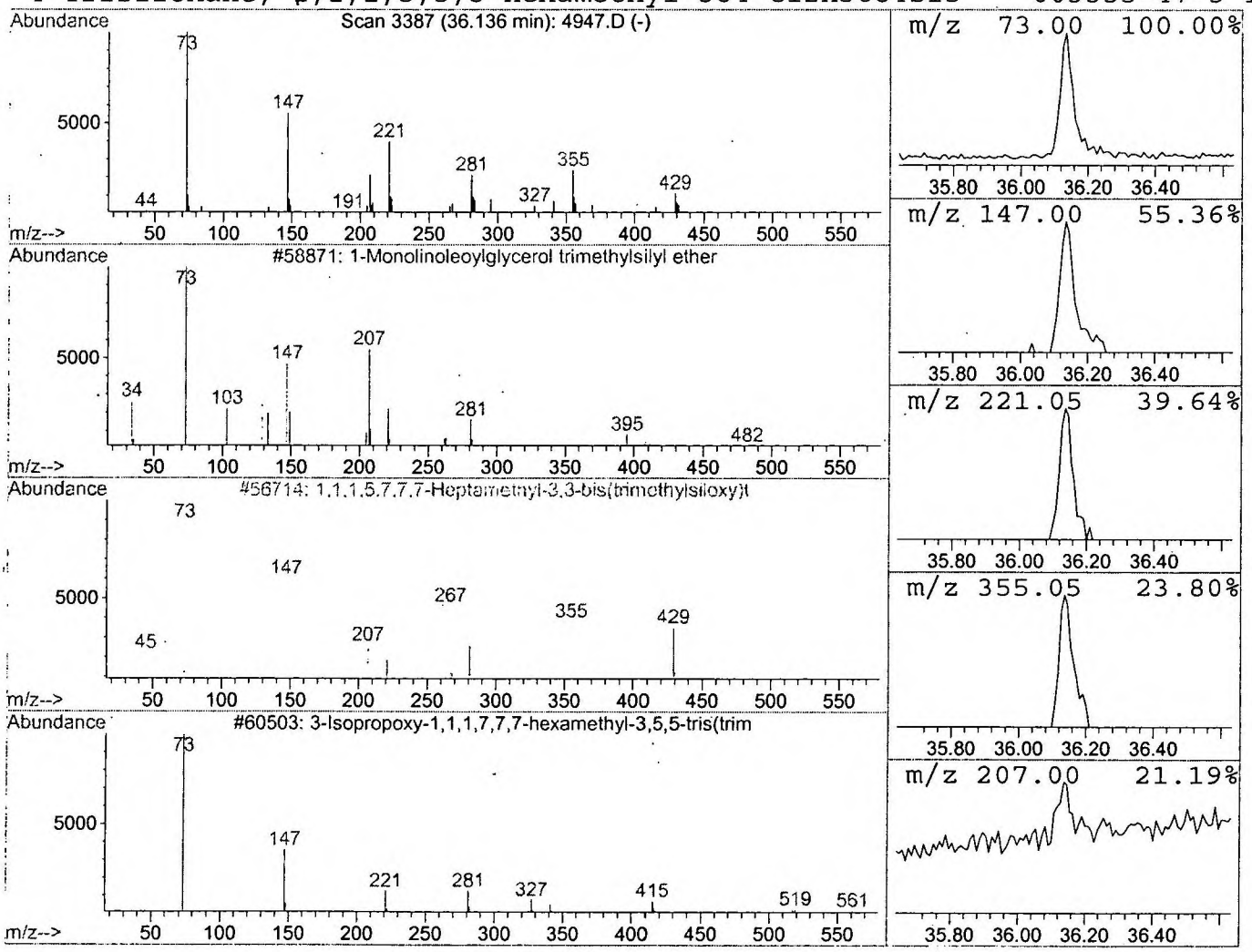
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Monolinoleoylglycerol trimet Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.14	0.70 ug/l	47080	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	37
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	16



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4947.D Vial: 14
Acq On : 30 Mar 2002 3:51 am Operator:
Sample : gc/ms scan 3/6 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

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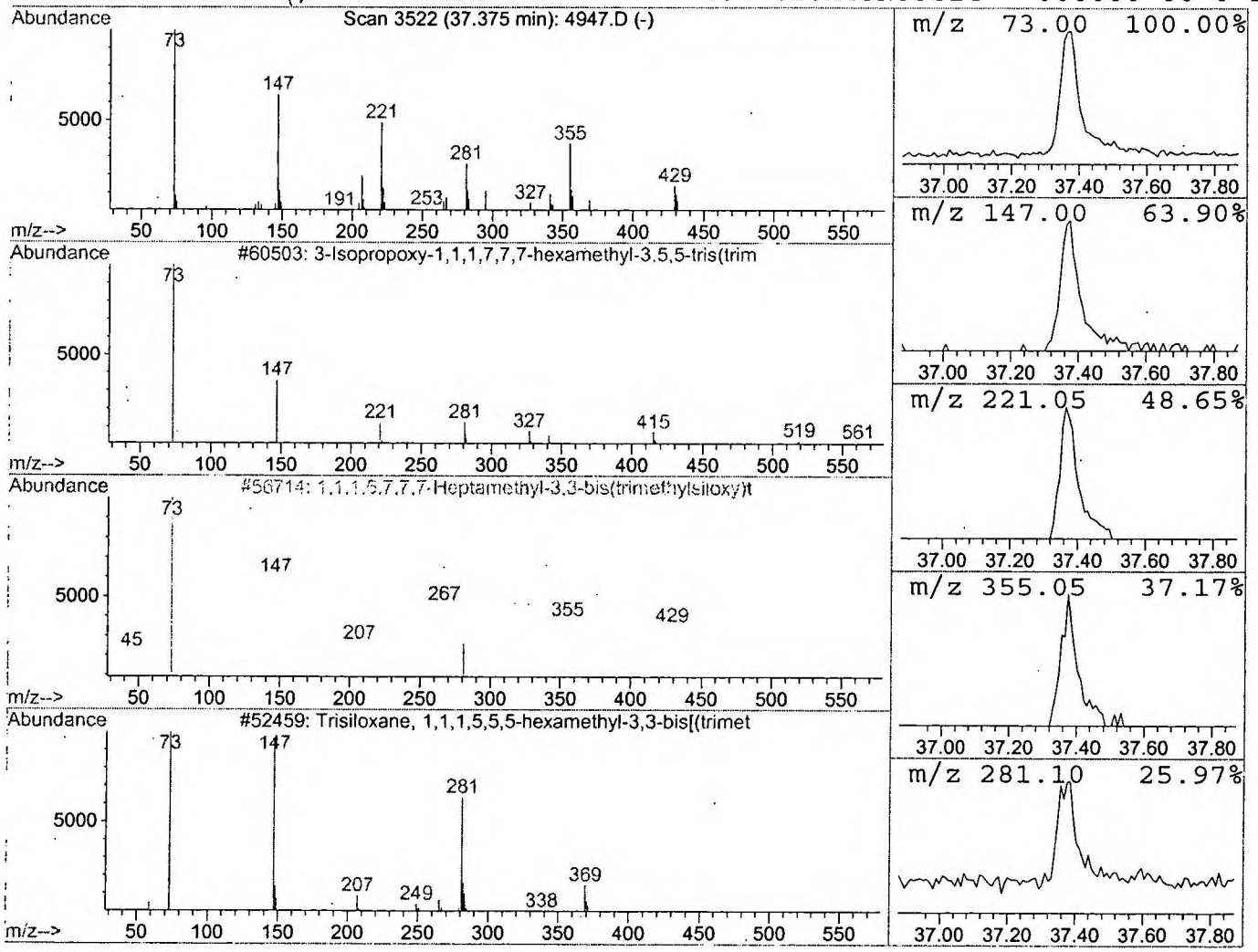
Peak Number 3 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.38	1.17 ug/l	78531	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	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	28
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4947.D Vial: 14
Acq On : 30 Mar 2002 3:51 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

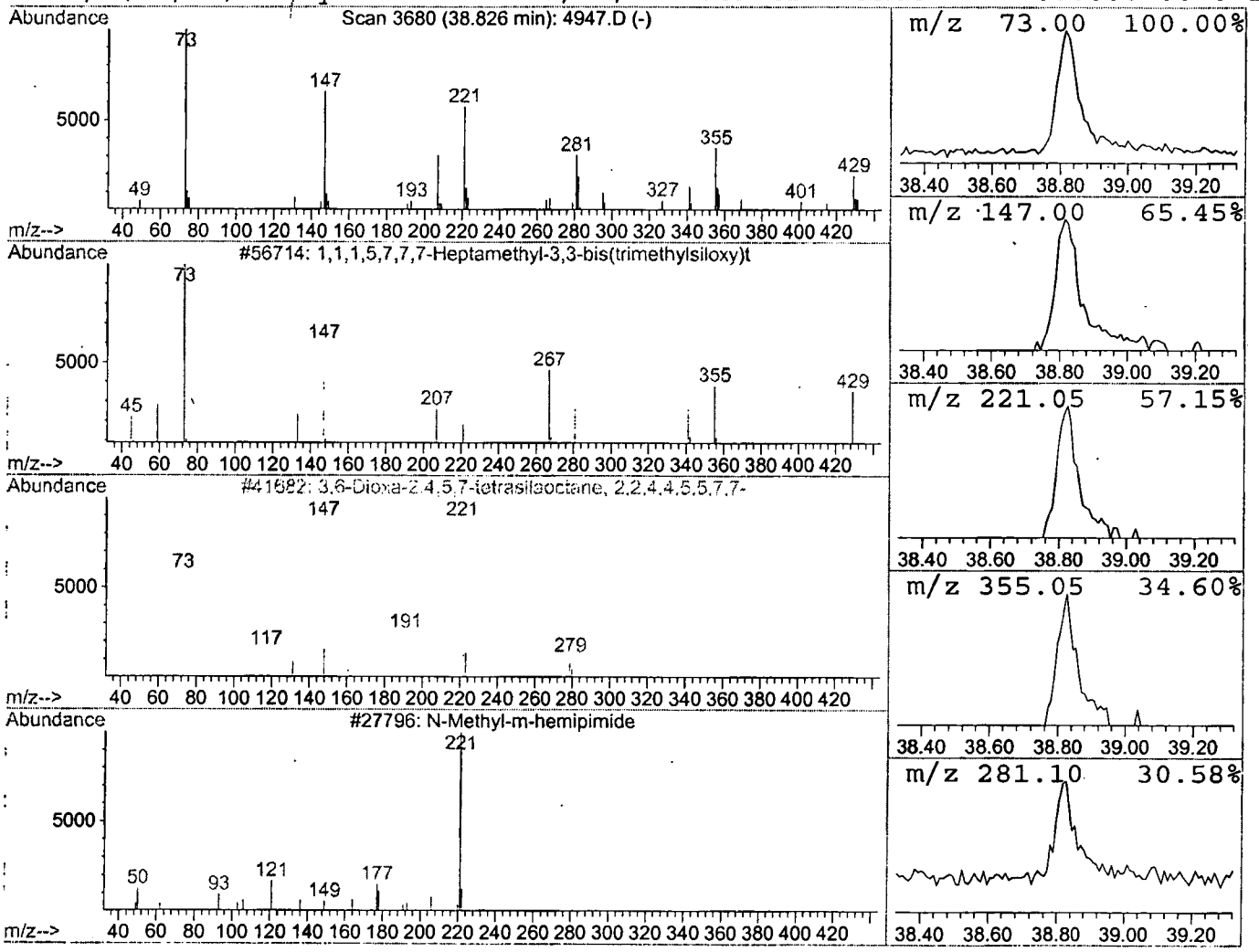
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.83	1.29 ug/l	86189	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	25
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	17
3	N-Methyl-m-hemipimide	221	C11H11NO4	000000-00-0	10
4	1,3(2H,4H)-Isoquinolinedione, 6,7-d	369	C20H19NO6	000000-00-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4947.D Vial: 14
Acq On : 30 Mar 2002 3:51 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

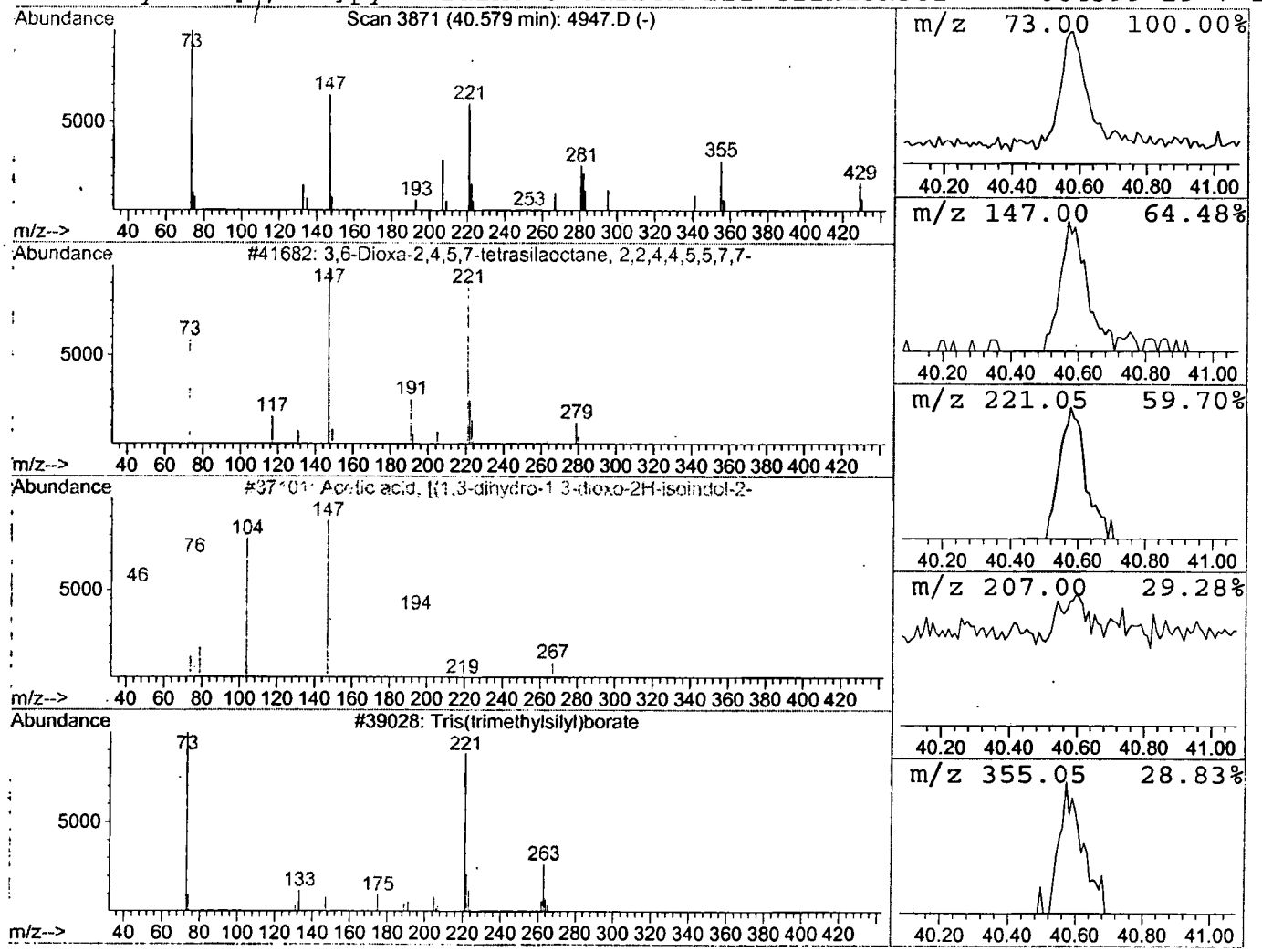
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.58	0.77 ug/l	51887	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	38
2	Acetic acid, [(1,3-dihydro-1,3-diox	267	C11H9NO5S	042300-59-4	10
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10
4	4H-Pyrido[1,2-a]pyrimidine-3-carbox	221	C11H15N3O2	064399-29-7	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 30 Mar 2002 3:51 am
Data File: C:\HPCHEM\1\DATA\MAR3002\4947.D
Name: gc/ms scan 3/6
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	2.0	ug/l	327044	ISTD02	15.88	3190990	20.0
1-Monolinoleoylglyce	36.14	0.7	ug/l	47080	ISTD06	37.94	1339940	20.0
3-Isopropoxy-1,1,1,7	37.38	1.2	ug/l	78531	ISTD06	37.94	1339940	20.0
1,1,1,5,7,7,7-Heptam	38.83	1.3	ug/l	86189	ISTD06	37.94	1339940	20.0
3,6-Dioxa-2,4,5,7-te	40.58	0.8	ug/l	51887	ISTD06	37.94	1339940	20.0

4947.D GCMS0308.M Tue Apr 02 11:10:35 2002