User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 15:05:25

Sample: AE02561
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/7/02 16:36 Ended: 3/7/02 16:36 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD	LSPEC	68		5.0

Comments for Sample AE02561 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 15:04:33

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 9 of the 43 compounds in the LCS Standard were below their acceptance ranges. Because of the low Surrogate Standard recovery this sample will be reextracted and reanalyzed. The reextracted sample had a Surrogate Standard recovery of 173%.

Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 13:53 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	497387	20.00	ug/l	-0.08
10) Naphthalene-d8	15.90	136	1915943	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	1032708	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1541748	20.00	ug/l	-0.10
38) Chrysene-d12	33.72	240	954077	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	568678	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	96957	8.65	ug/mL	0.23
Spiked Amount 5.000			Recovery = 173.00%			
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	447	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	22.69	149	671	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\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 13:53 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	520	N.D.	
34)	Anthracene	25.66	178	520	N.D.	
35)	Di-n-butylphthalate	27.63	149	5809	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.43	149	105	N.D.	
41)	Benzo(a)anthracene	33.72	228	2519	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	20243	0.53 ug/l	92
43)	Chrysene	33.79	228	189	N.D.	
45)	Di-n-Octylphthalate	35.68	149	2027	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	522	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	708	N.D.	
48)	Benzo(a)pyrene	37.77	252	467	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

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Acq On : 20 Mar 2002 11:43 pm Operator:
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Misc : Multiplr: 1.00
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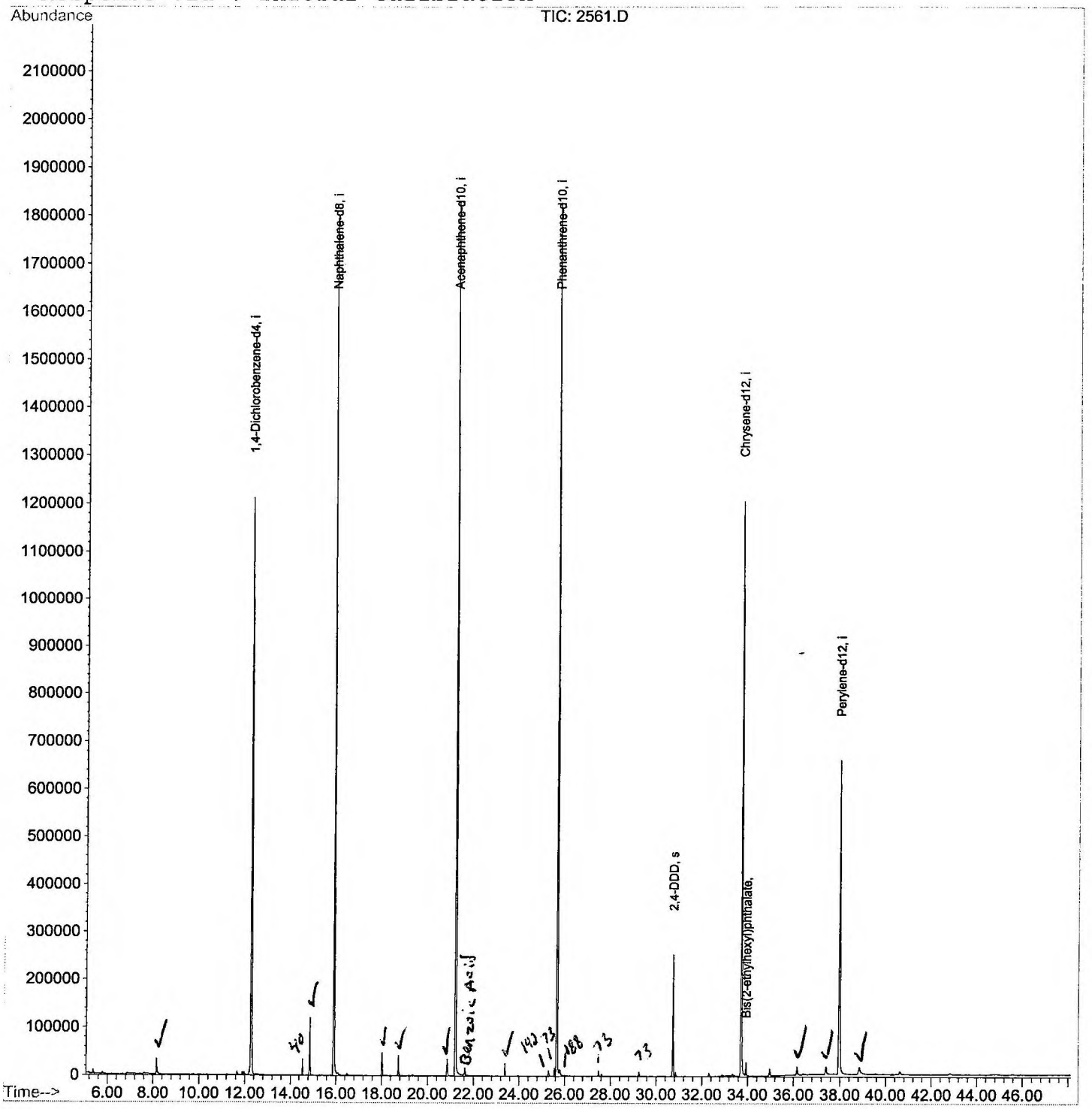
Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 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

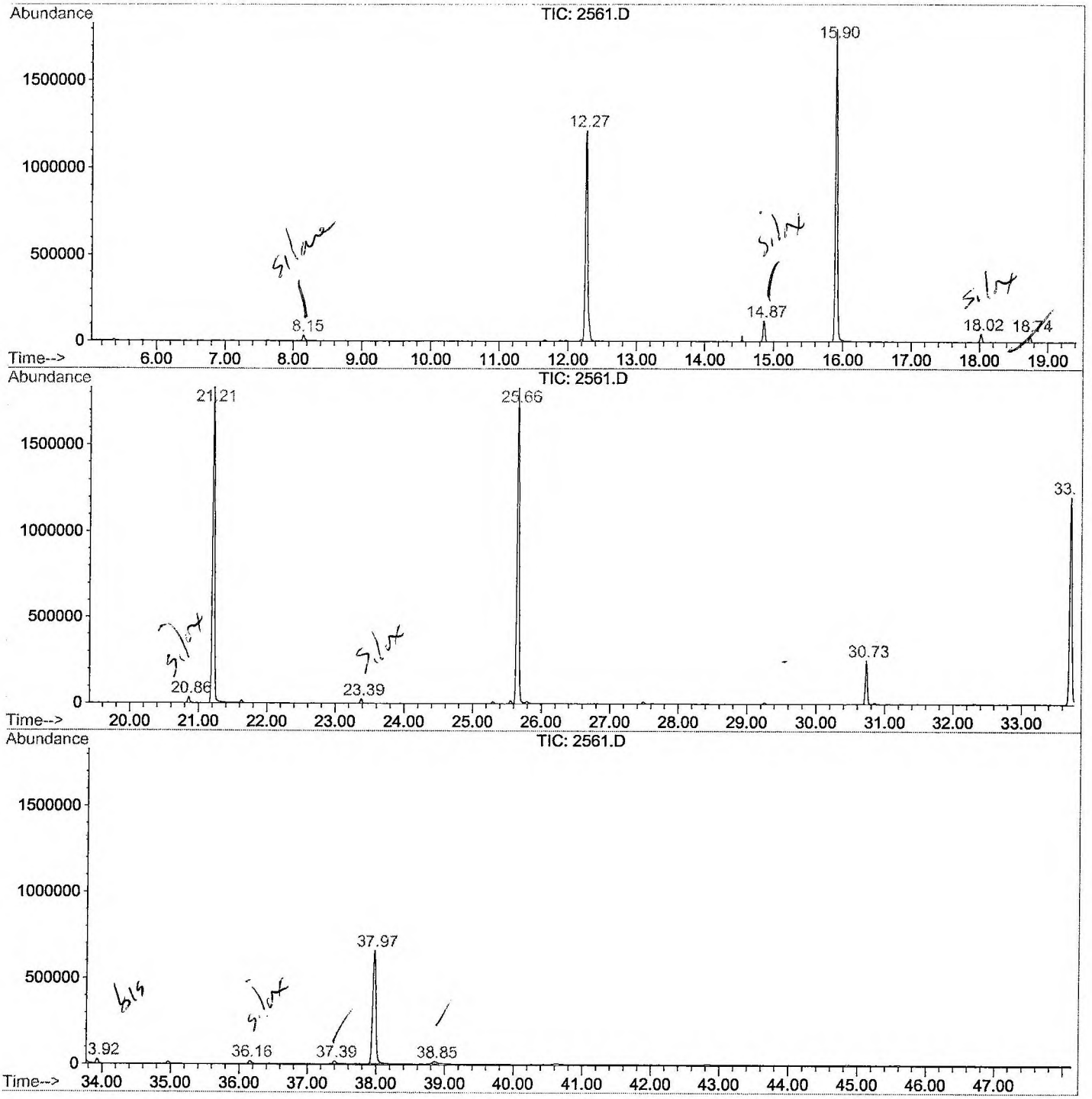
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.146	334	338	349	rBV	32919	72815	1.84%	0.358%
2	12.268	782	787	802	rVB	1210459	2717017	68.67%	13.347%
3	14.866	1064	1070	1076	rVB	119966	238191	6.02%	1.170%
4	15.904	1177	1183	1200	rBV	1793849	3624460	91.61%	17.805%
5	18.024	1408	1414	1419	rVB	48277	95253	2.41%	0.468%
6	18.741	1487	1492	1496	rBV	41756	76132	1.92%	0.374%
7	20.861	1718	1723	1728	rVB	34702	67328	1.70%	0.331%
8	21.210	1755	1761	1774	rBV	1830062	3956531	100.00%	19.436%
9	23.386	1991	1998	2003	rBV	25864	49856	1.26%	0.245%
10	25.662	2239	2246	2257	rBV	1827044	3929987	99.33%	19.306%
11	30.730	2793	2798	2804	rBV	254205	491475	12.42%	2.414%
12	33.723	3115	3124	3136	rBV2	1204838	2831229	71.56%	13.908%
13	33.925	3142	3146	3153	rVB	27427	59895	1.51%	0.294%
14	36.156	3382	3389	3395	rBV	17506	51502	1.30%	0.253%
15	37.395	3518	3524	3538	rBV2	15680	57129	1.44%	0.281%
16	37.973	3579	3587	3609	rBV2	656589	1976292	49.95%	9.708%
17	38.855	3676	3683	3691	rBV5	13456	61517	1.55%	0.302%

Sum of corrected areas: 20356609

2561.D GCMS0308.M Thu Mar 21 14:17:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\2561.D
Operator :
Acquired : 20 Mar 2002 11:43 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 20
Quant File :GCMS0308.RES (RTE Integrator)



2561.D GCMS0308.M Thu Mar 21 14:17:16 2002

Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

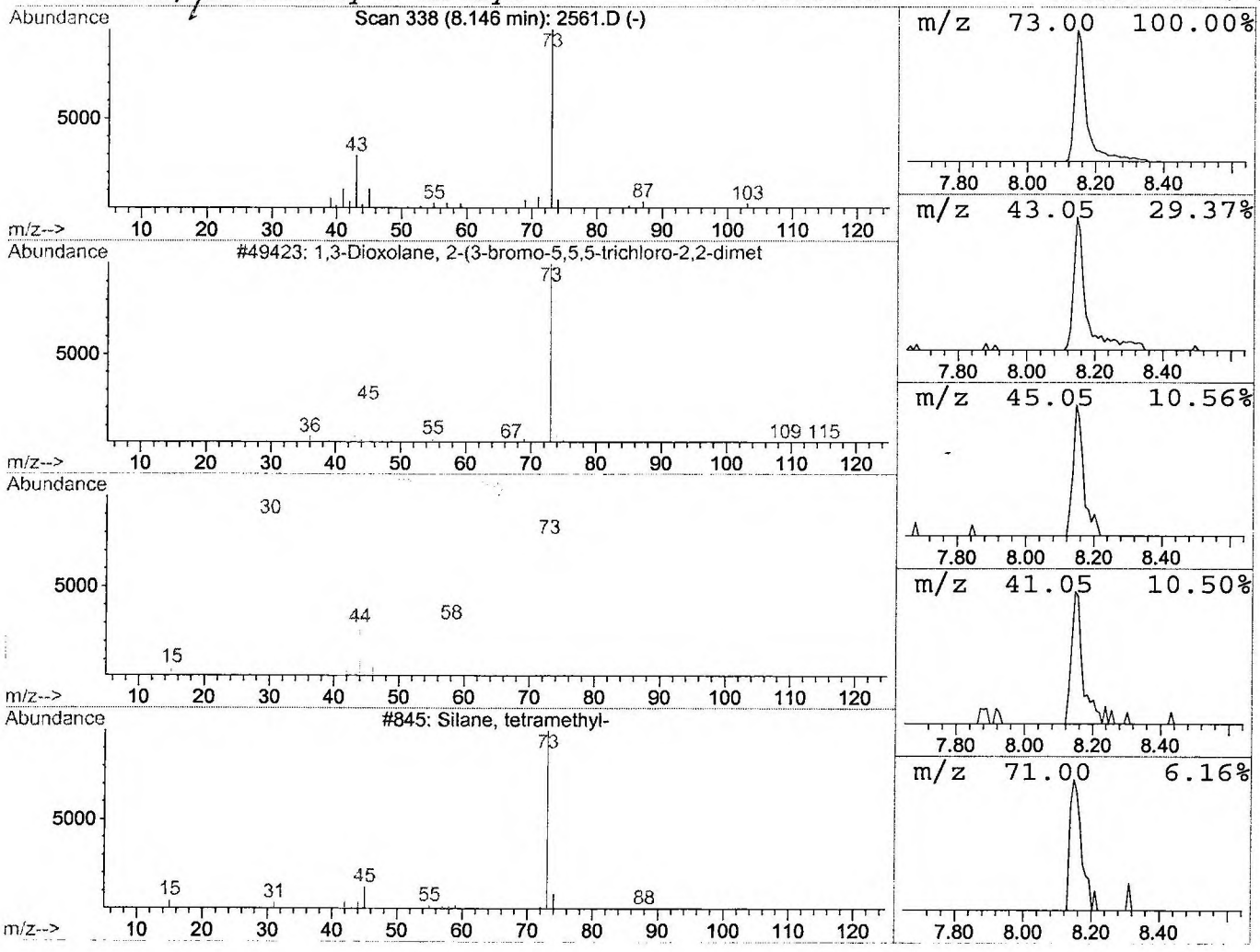
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-(3-bromo-5,5, Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	0.54 ug/l	72815	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	17
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

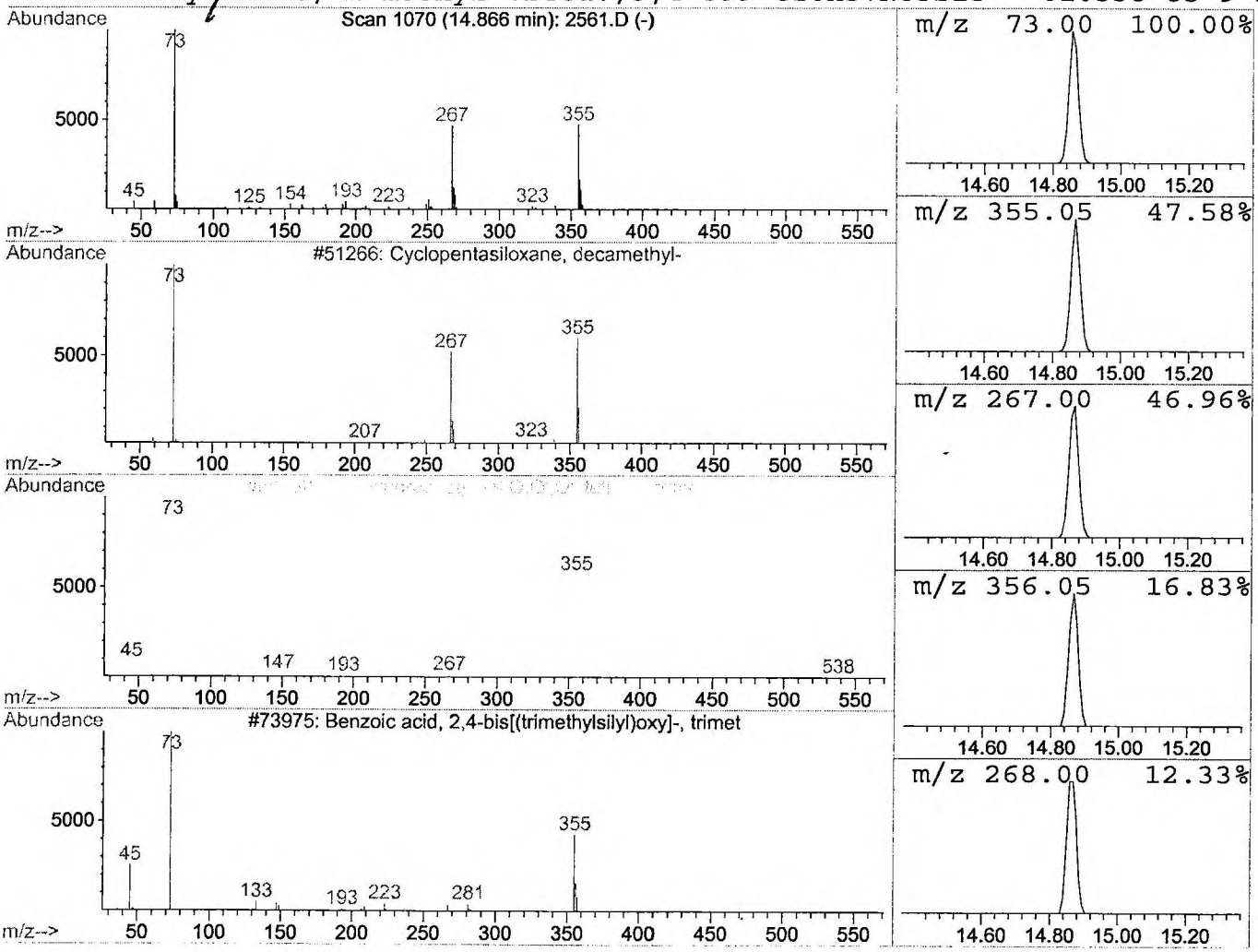
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	1.31 ug/l	238191	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	68
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	47
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38



Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

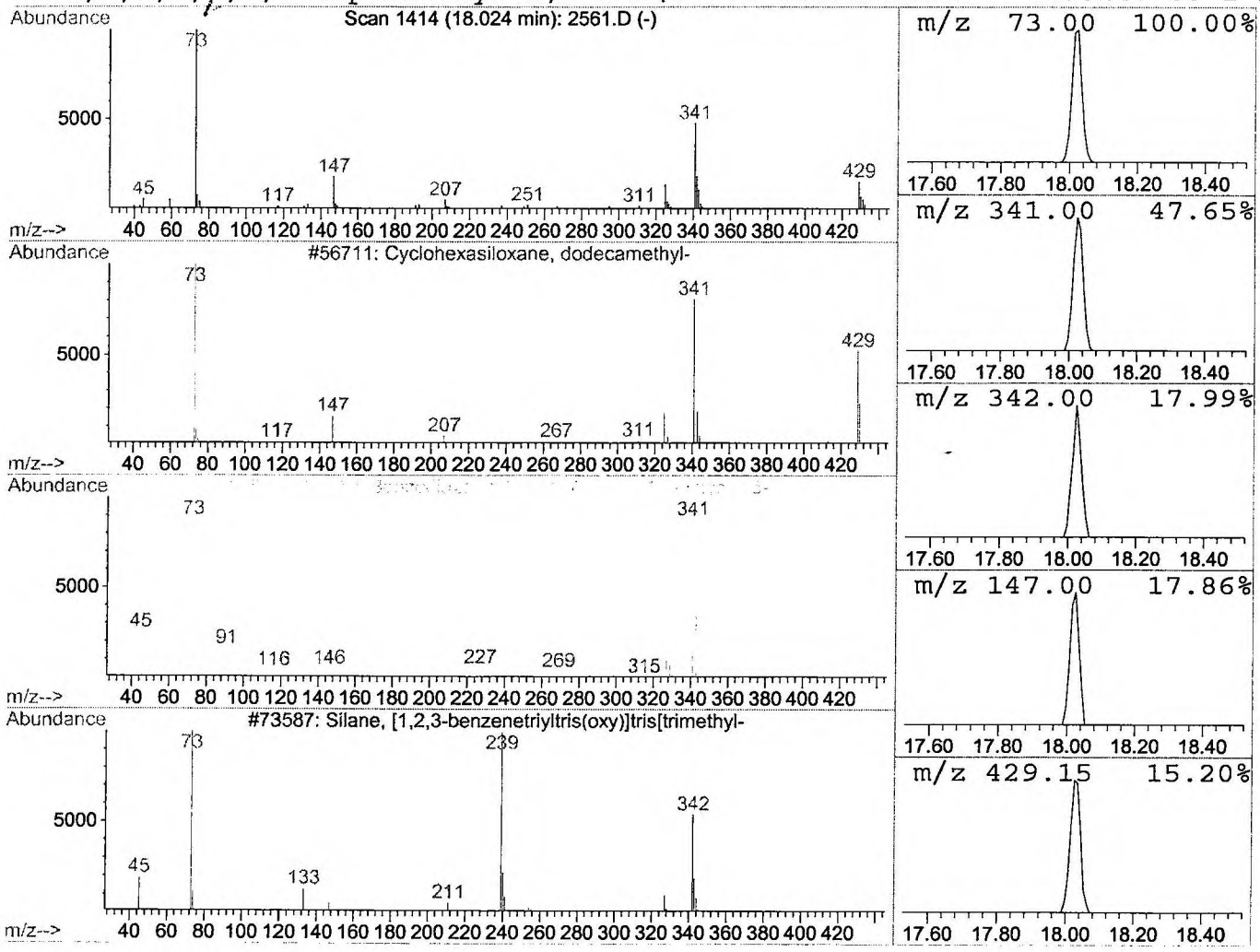
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclohexasiloxane, dodecamethy Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	0.53 ug/l	95253	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	53
2	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	10
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	9



Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

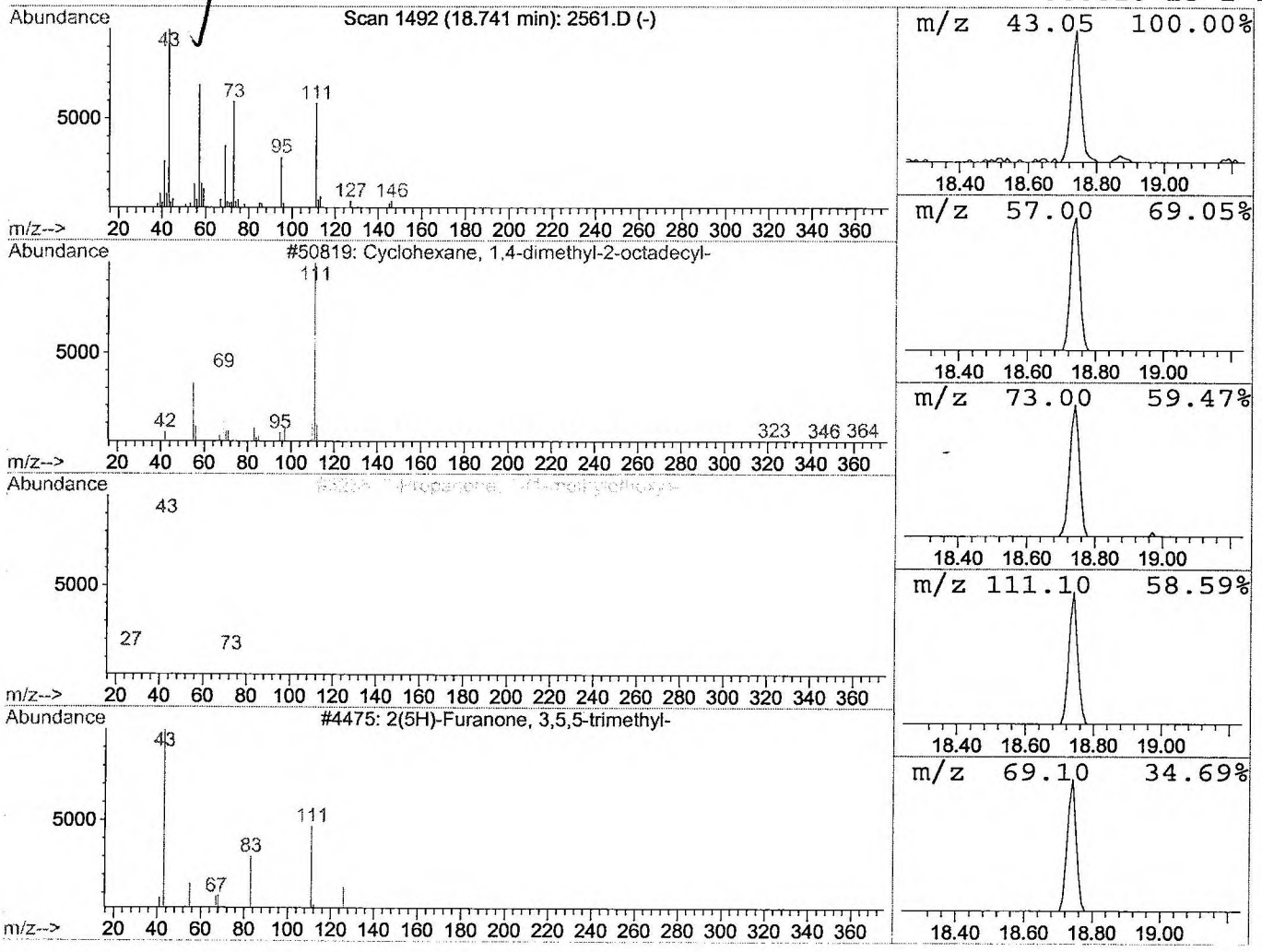
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclohexane, 1,4-dimethyl-2-oc Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	0.38 ug/l	76132	Acenaphthene-d10	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-2-octadec	364	C26H52	055282-02-5	12
2	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	10
3	2(5H)-Furanone, 3,5,5-trimethyl-	126	C7H10O2	050598-50-0	10
4	1-Penten-3-ol	86	C5H10O	000616-25-1	10



Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

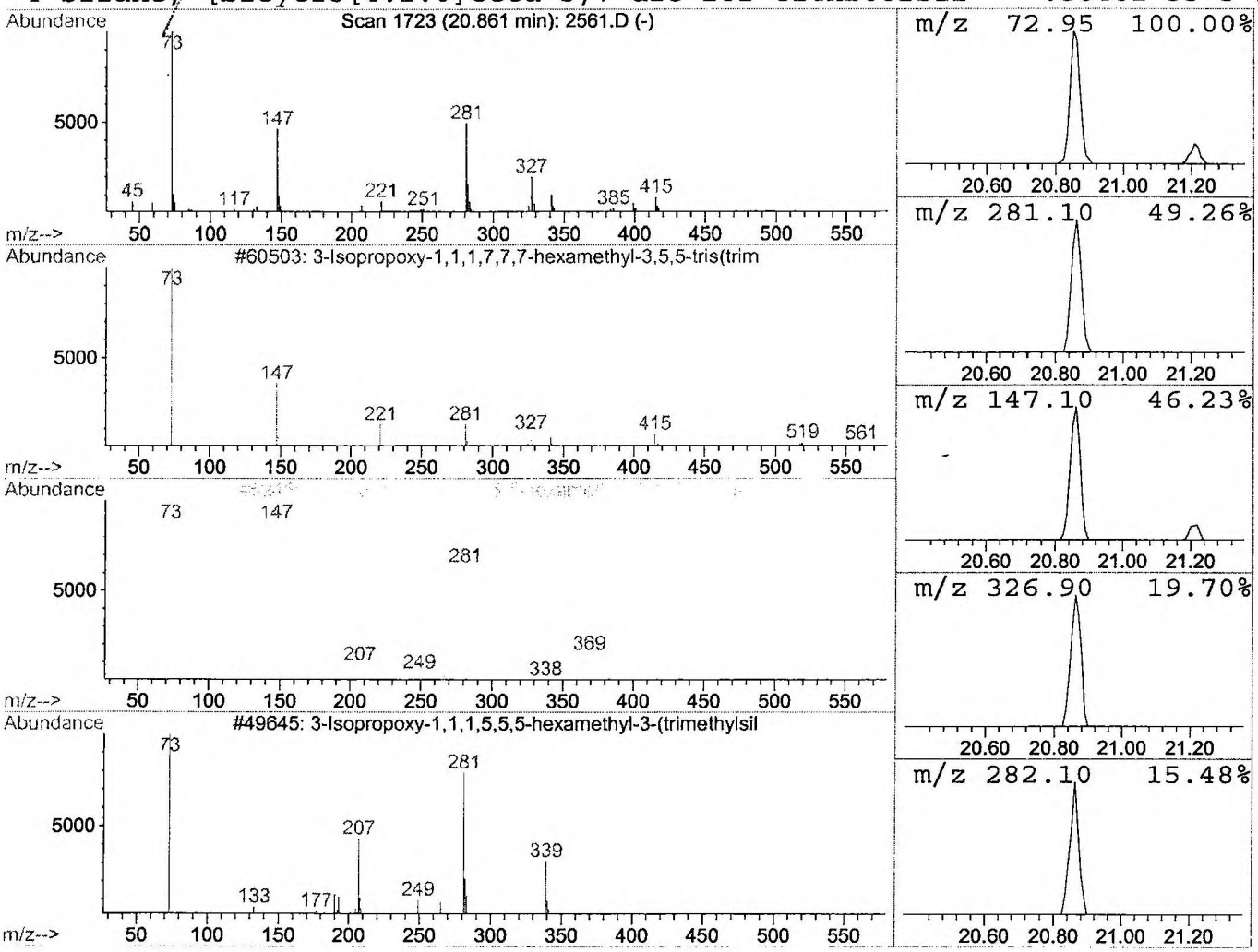
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	0.34 ug/l	67328	Acenaphthene-d10	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	50
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
3	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	12
4	Silane, [bicyclo[4.2.0]octa-3,7-die	282	C14H26O2Si2	036461-33-3	9



Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
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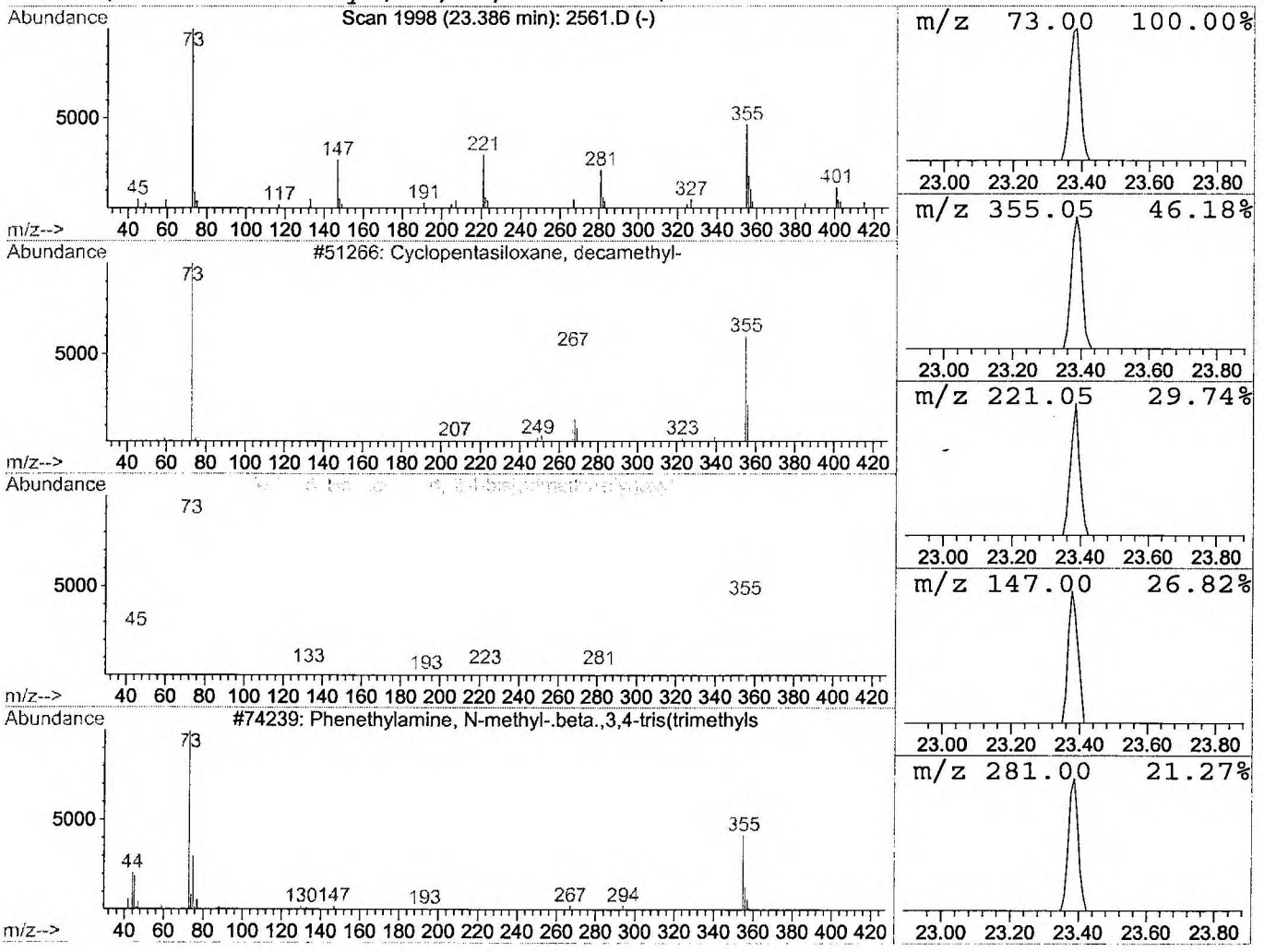
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Cyclopentasiloxane, decamethyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	0.25 ug/l	49856	Acenaphthene-d10	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	38
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	32
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	32



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Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

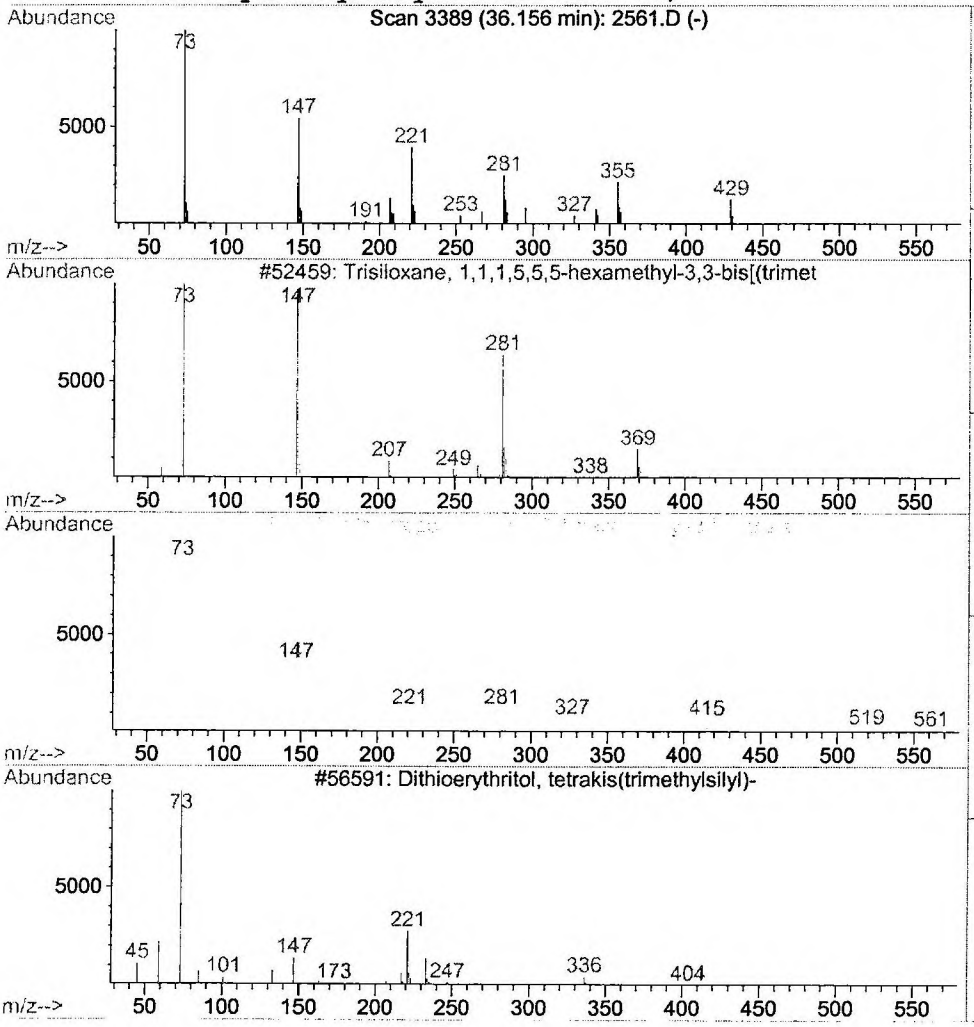
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

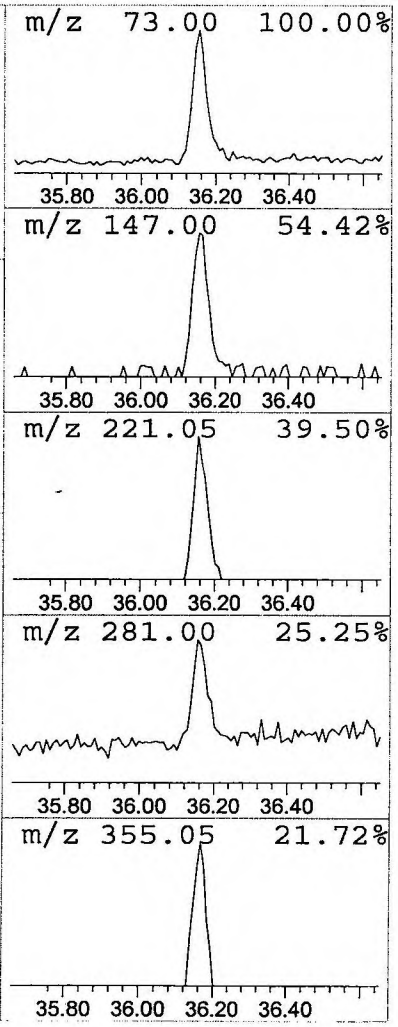
****

Peak Number 7 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.16	0.52 ug/l	51502	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	17
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17
3	Dithioerythritol, tetrakis(trimethy	442	C16H42O2S2Si4	000000-00-0	9
4	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	9





Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

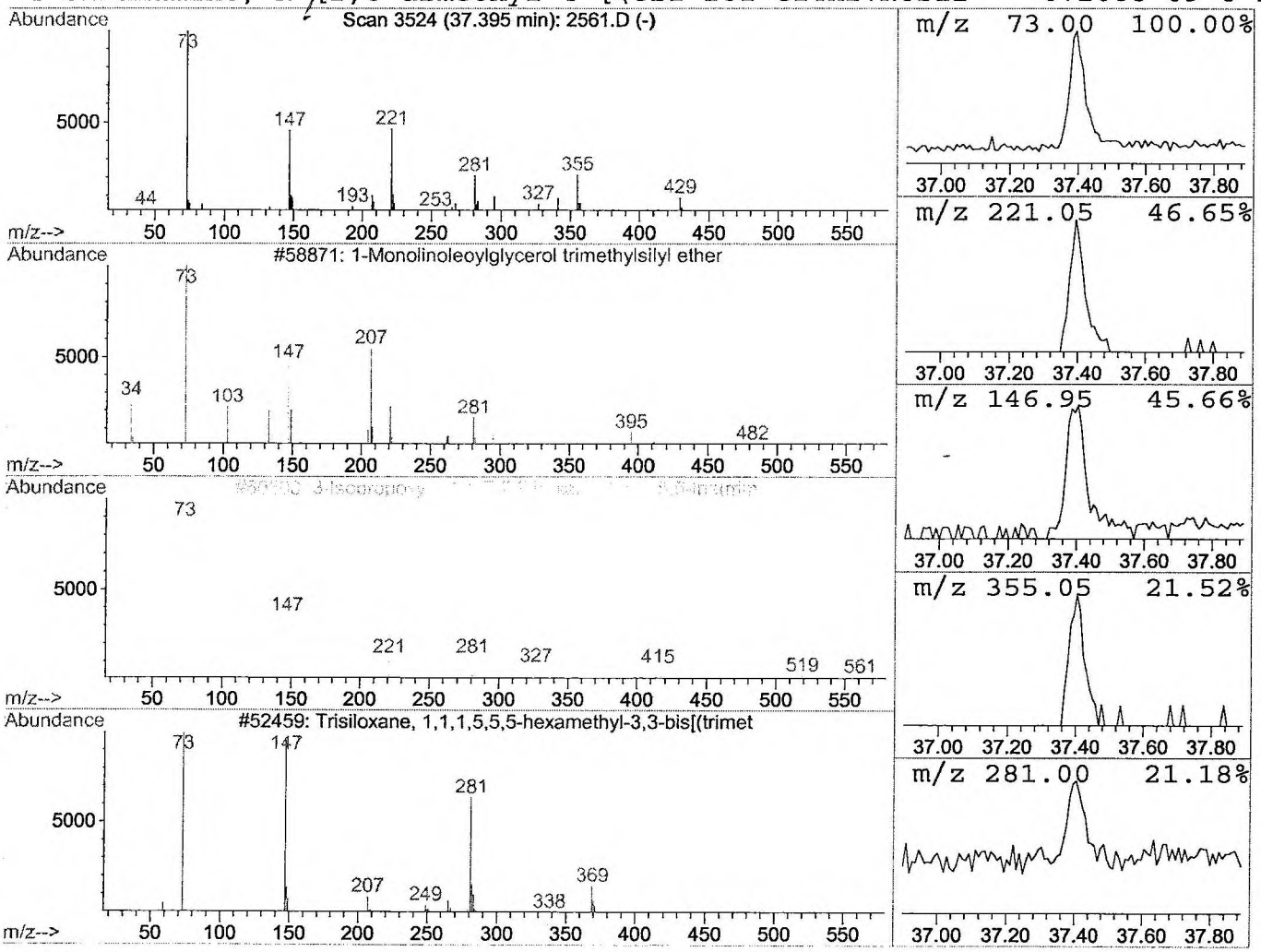
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 1-Monolinoleoylglycerol trimet Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.39	0.58 ug/l	57129	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	28
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	17
4	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	10



Data File : C:\HPCHEM\1\DATA\MAR1902\2561.D Vial: 20
Acq On : 20 Mar 2002 11:43 pm Operator:
Sample : gc/ms scan 3/4 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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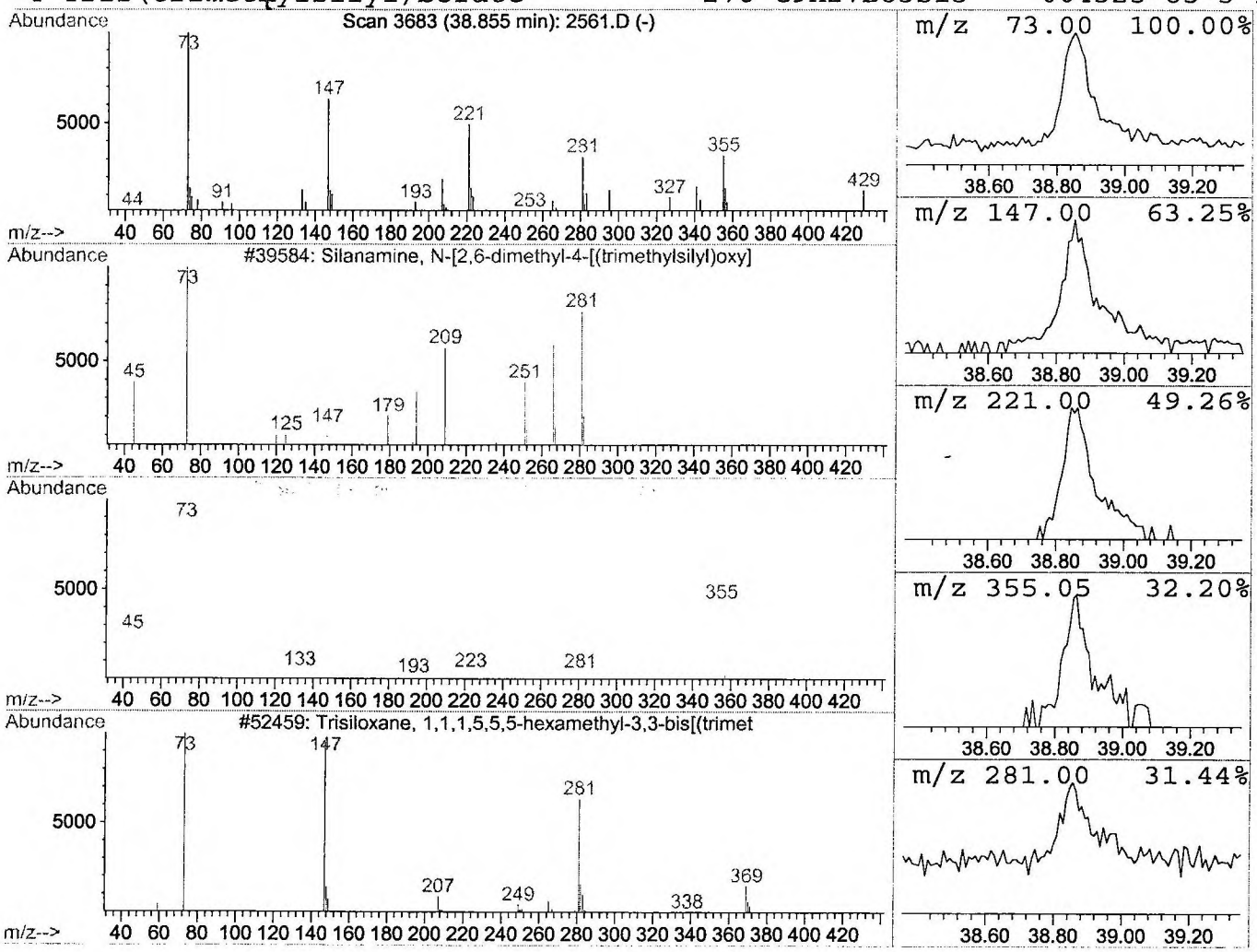
Peak Number 9 Silanamine, N-[2,6-dimethyl-4- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.85	0.62 ug/l	61517	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	10
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	10
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	9
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Mar 2002 11:43 pm
Data File: C:\HPCHEM\1\DATA\MAR1902\2561.D
Name: gc/ms scan 3/4
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-(3-	8.15	0.5	ug/l	72815	ISTD01	12.27	2717020	20.0
Cyclopentasiloxane,	14.87	1.3	ug/l	238191	ISTD02	15.90	3624460	20.0
Cyclohexasiloxane, d	18.02	0.5	ug/l	95253	ISTD02	15.90	3624460	20.0
Cyclohexane, 1,4-dim	18.74	0.4	ug/l	76132	ISTD03	21.21	3956530	20.0
3-Isopropoxy-1,1,1,7	20.86	0.3	ug/l	67328	ISTD03	21.21	3956530	20.0
Cyclopentasiloxane,	23.39	0.3	ug/l	49856	ISTD03	21.21	3956530	20.0
Trisiloxane, 1,1,1,5	36.16	0.5	ug/l	51502	ISTD06	37.97	1976290	20.0
1-Monolinoleoylglyce	37.39	0.6	ug/l	57129	ISTD06	37.97	1976290	20.0
Silanamine, N-[2,6-d	38.85	0.6	ug/l	61517	ISTD06	37.97	1976290	20.0

2561.D GCMS0308.M Thu Mar 21 14:17:58 2002

column