Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D Vial: 16
Acq On : 1 May 2002 9:54 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:54 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Field Blank To be re-ext.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.20	152	408913	40.00	ug/l	-0.01
10) Naphthalene-d8	15.84	136	1503595	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.14	164	792704	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1124183	40.00	ug/l	-0.01
38) Chrysene-d12	33.64	240	729205	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	439484	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	32247	8.36	ug/L	-0.02
Spiked Amount 10.000			Recovery = 83.60%			
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	15.90	128	221	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.62	149	1307	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.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	322	N.D.		

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

Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D Vial: 16
Acq On : 1 May 2002 9:54 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:54 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	322	N.D.	
36)	Di-n-butylphthalate	27.55	149	10529	0.28 ug/l	98
37)	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	33.64	228	1676	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	10529	0.61 ug/l #	96
43)	Chrysene	33.64	228	1676	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.86	252	1703	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.	

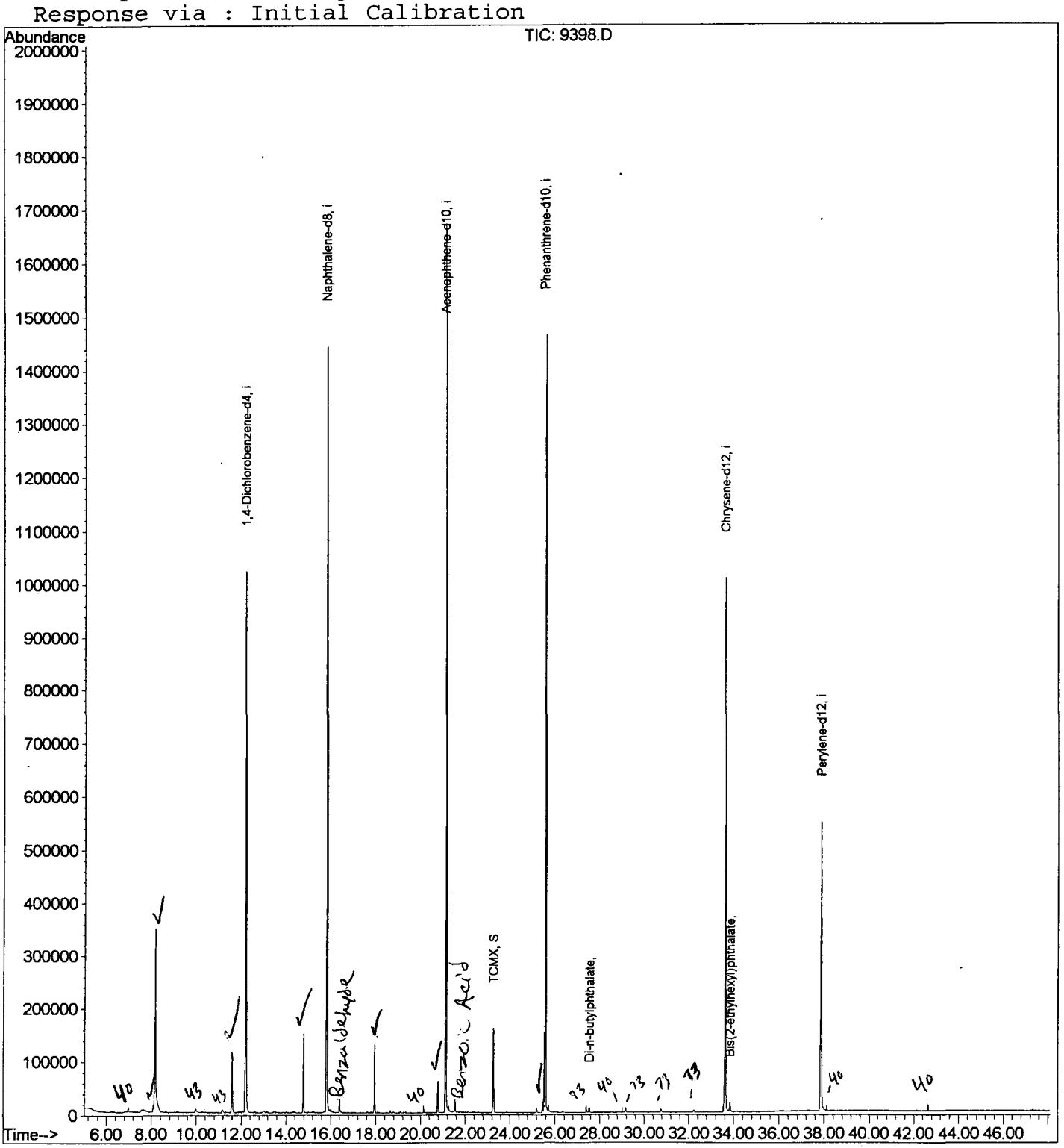
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D
Acq On : 1 May 2002 9:54 pm
Sample : gc/ms scan 4/18 fb
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 2 11:54 2002

Vial: 16
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D Vial: 16
Acq On : 1 May 2002 9:54 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

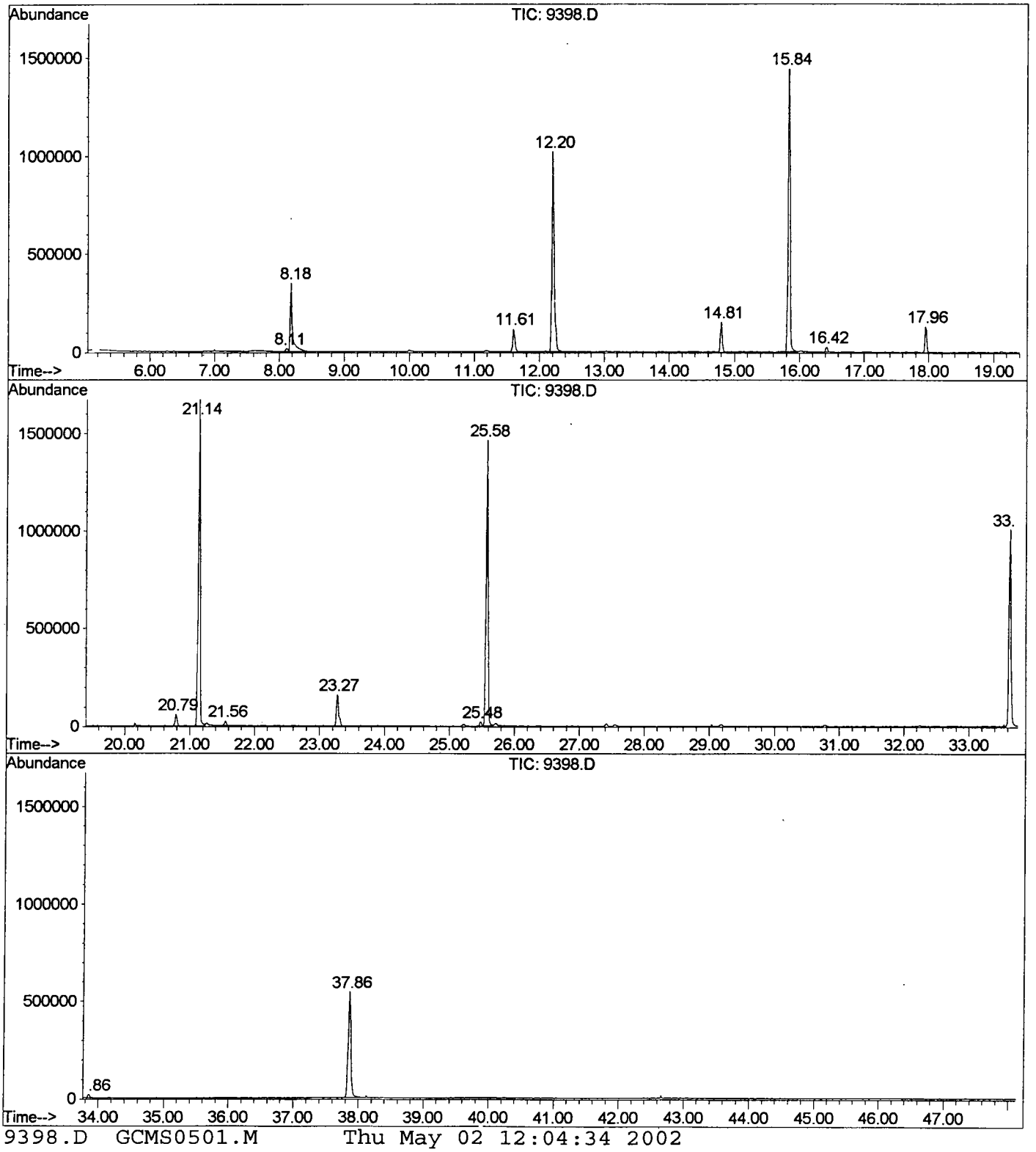
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.108	332	335	339	rBV	14262	35052	1.05%	0.193%
2	8.181	339	343	371	rVB	344999	841331	25.32%	4.643%
3	11.608	709	717	726	rBV	114692	265063	7.98%	1.463%
4	12.204	777	782	799	rVB	1018456	2442102	73.50%	13.478%
5	14.807	1060	1066	1073	rVB	149215	287985	8.67%	1.589%
6	15.842	1173	1179	1195	rBV	1439555	3078105	92.64%	16.988%
7	16.419	1238	1242	1247	rBV	24784	51374	1.55%	0.284%
8	17.959	1404	1410	1416	rBV2	127694	248217	7.47%	1.370%
9	20.790	1713	1719	1727	rBV	59850	118562	3.57%	0.654%
10	21.139	1751	1757	1768	rBV	1668943	3322724	100.00%	18.338%
11	21.560	1799	1803	1808	rVB	23222	44724	1.35%	0.247%
12	23.274	1982	1990	1999	rBV2	158978	389767	11.73%	2.151%
13	25.482	2226	2231	2235	rBV	20273	42024	1.26%	0.232%
14	25.583	2235	2242	2253	rVV2	1460890	3096424	93.19%	17.089%
15	33.638	3114	3121	3136	rBV2	1004868	2235736	67.29%	12.339%
16	33.858	3139	3145	3156	rVB	16943	43741	1.32%	0.241%
17	37.862	3574	3582	3599	rBV2	543634	1576306	47.44%	8.700%

Sum of corrected areas: 18119237

9398.D GCMS0501.M Thu May 02 12:04:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0102\9398.D
Operator :
Acquired : 1 May 2002 9:54 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: gc/ms scan 4/18 fb
Misc Info :
Vial Number: 16
Quant File :GCMS0501.RES (RTE Integrator)



9398.D GCMS0501.M Thu May 02 12:04:34 2002

Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D Vial: 16
Acq On : 1 May 2002 9:54 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

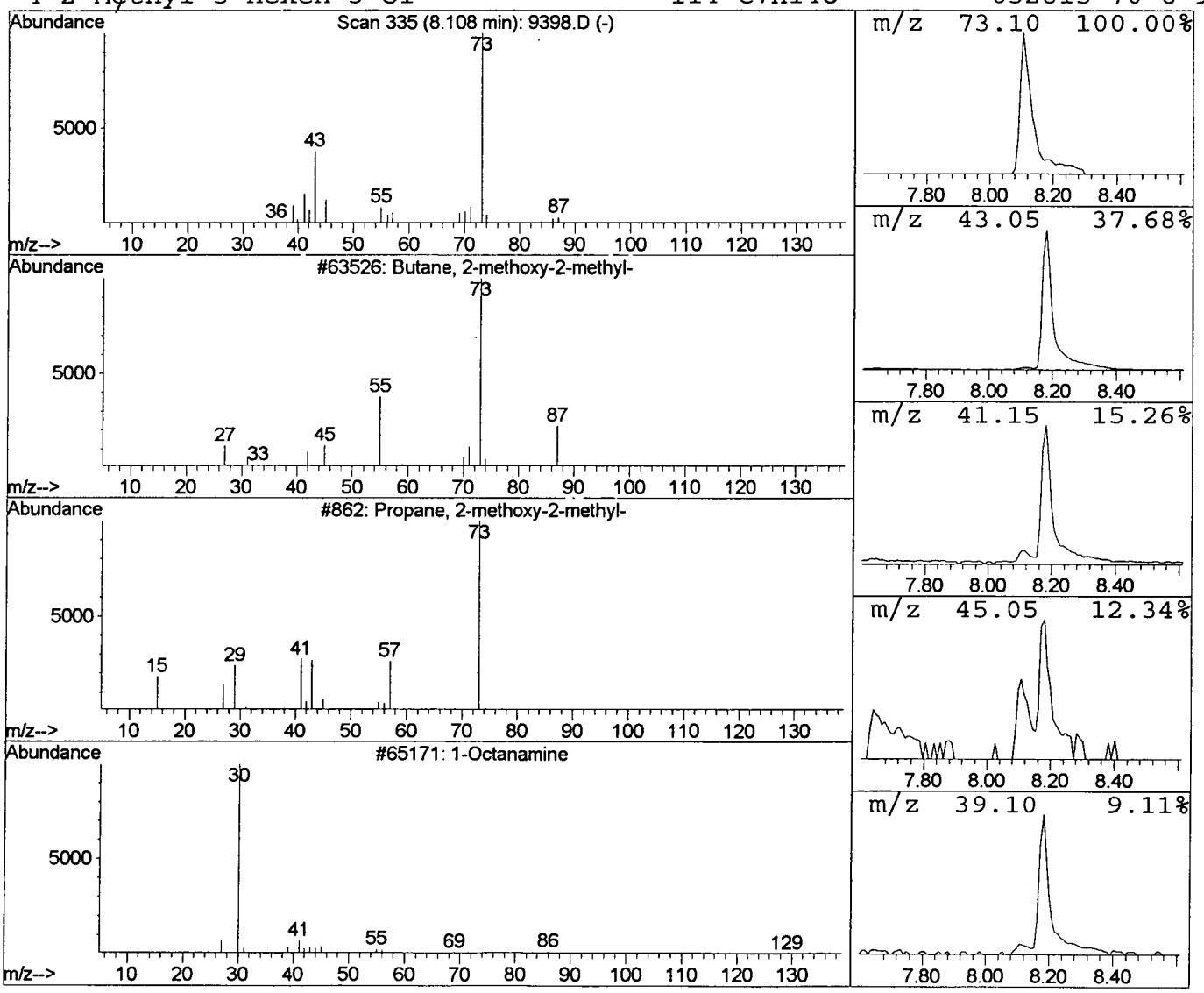
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.57 ug/l	35052	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1-Octanamine	129	C8H19N	000111-86-4	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D              Vial: 16
Acq On    :  1 May 2002    9:54 pm                   Operator:
Sample    : gc/ms scan 4/18 fb                       Inst    : 209
Misc      :                                          Multiplr: 1.00
MS Integration Params: LSCINT.P

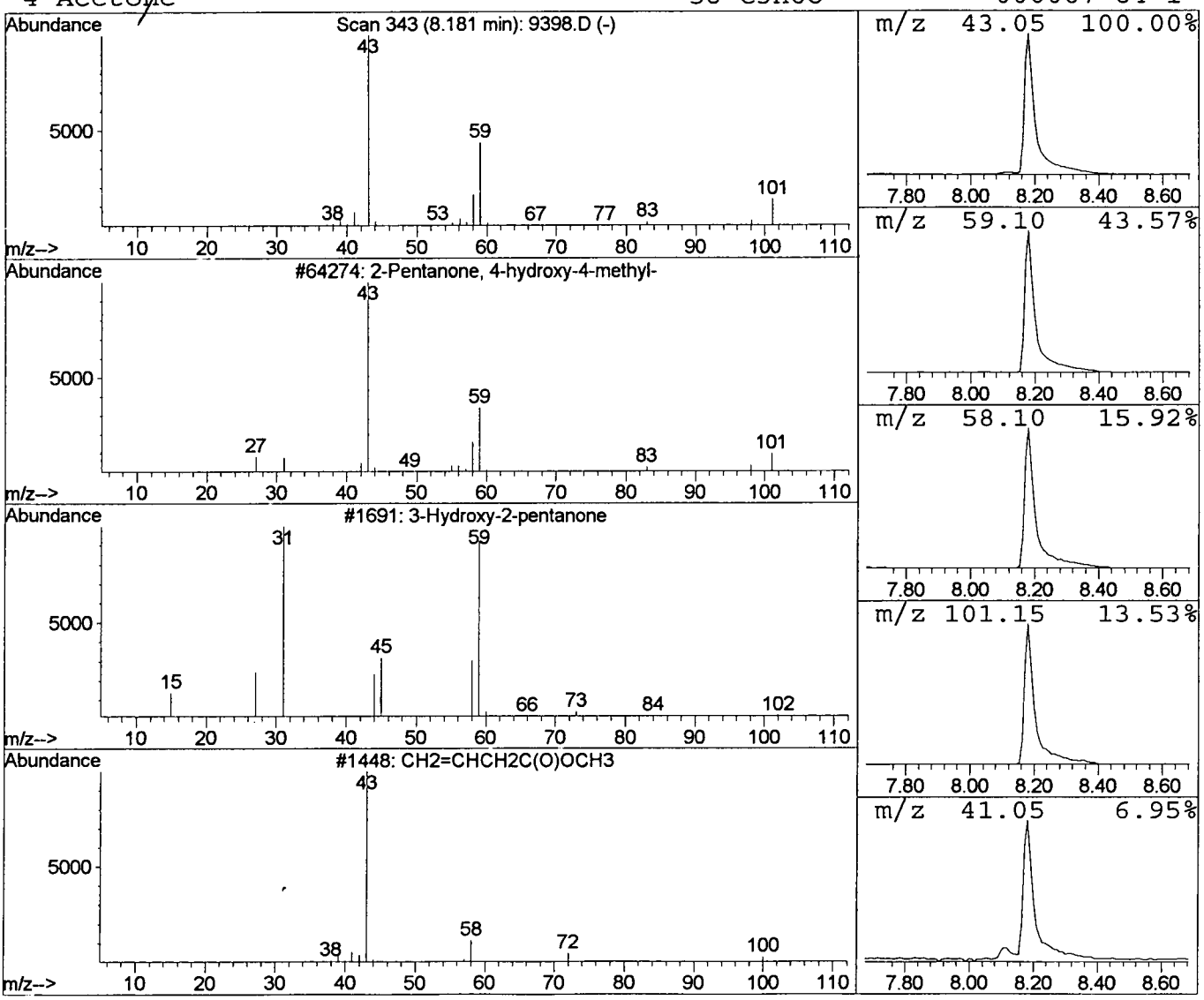
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Library      : C:\DATABASE\NBS75K.L
```

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	13.78 ug/l	841331	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	8
4	Acetone	58	C3H6O	000067-64-1	7



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Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D              Vial: 16
Acq On    :  1 May 2002    9:54 pm                    Operator:
Sample    : gc/ms scan 4/18 fb                        Inst    : 209
Misc      :                                           Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Library      : C:\DATABASE\NBS75K.L
```
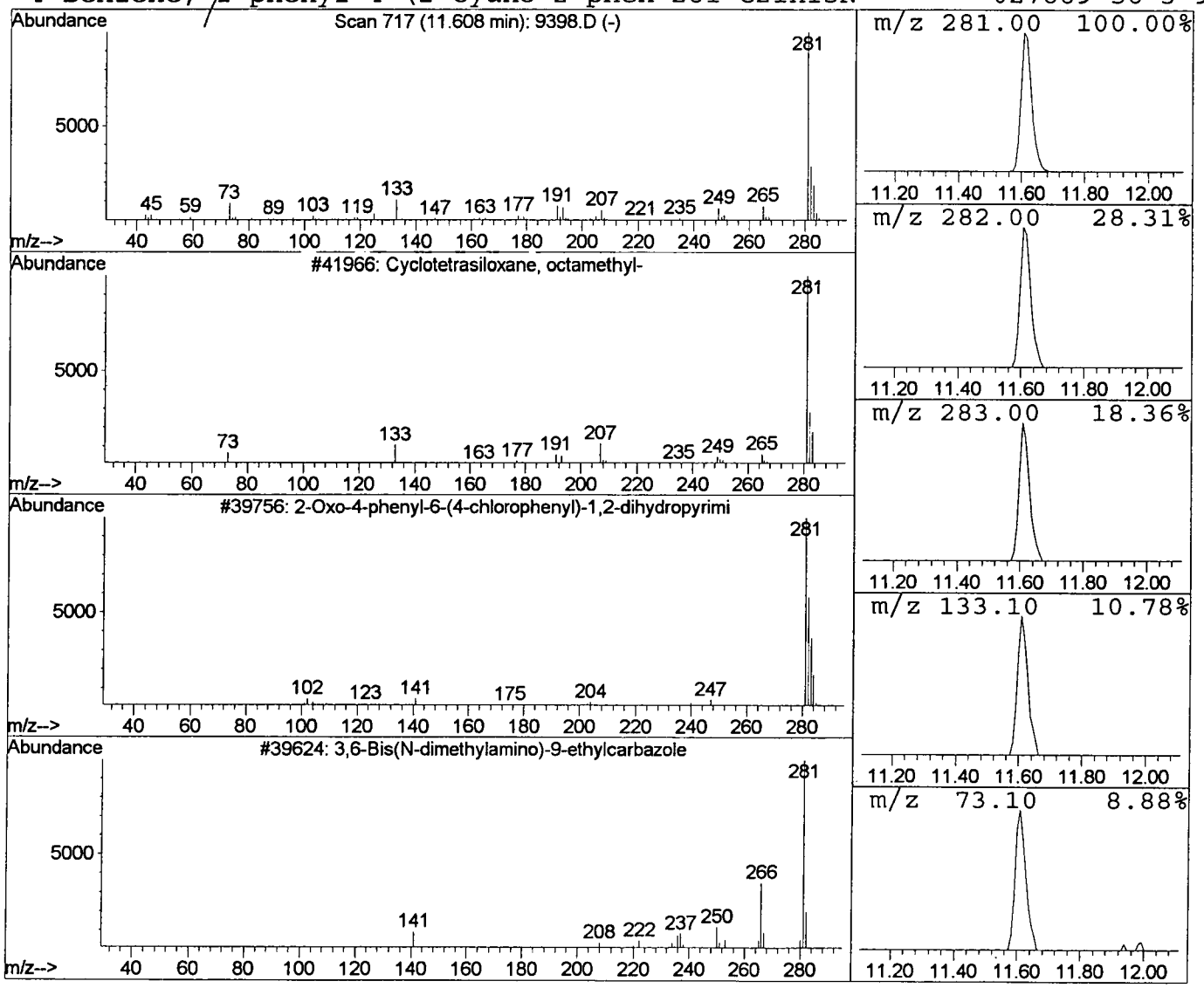

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	4.34 ug/l	265063	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	87
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D Vial: 16
Acq On : 1 May 2002 9:54 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

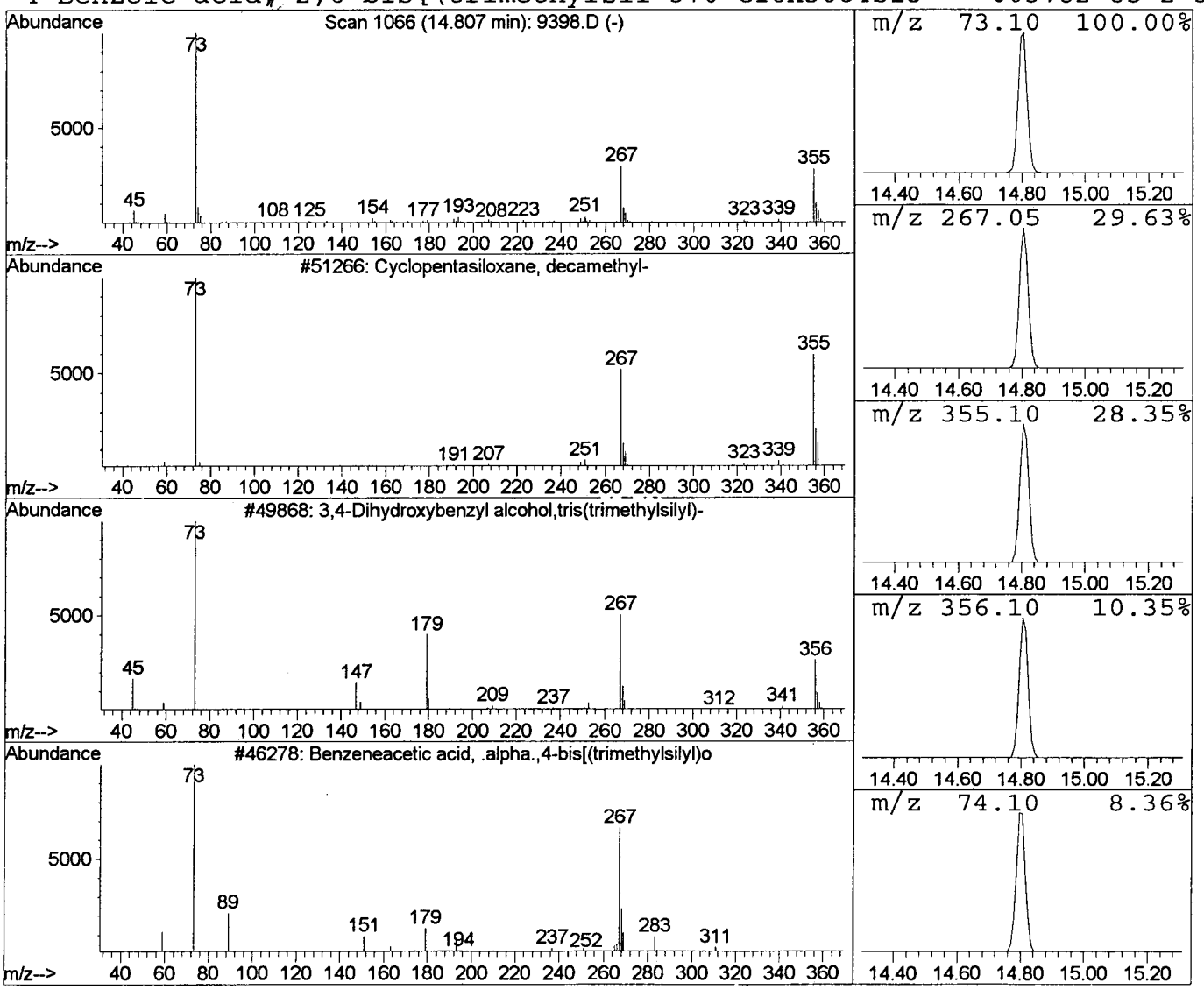
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.74 ug/l	287985	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	53
3	Benzeneacetic acid, .alpha.,4-bis[(	326	C15H26O4Si2	055334-40-2	37
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	33



Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D Vial: 16
Acq On : 1 May 2002 9:54 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

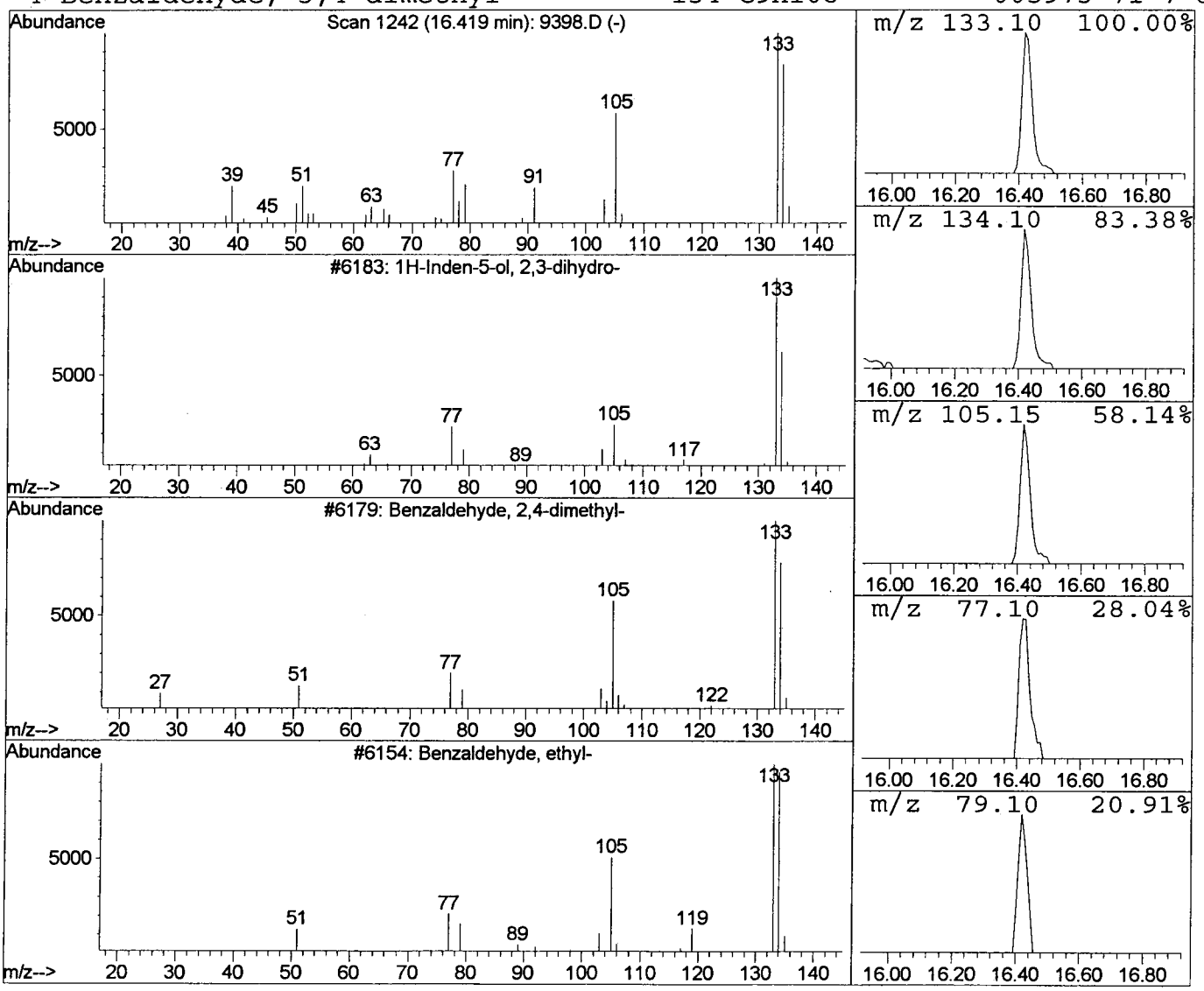
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	0.67 ug/l	51374	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	90
2	Benzaldehyde, 2,4-dimethyl	134	C9H10O	015764-16-6	86
3	Benzaldehyde, ethyl-	134	C9H10O	053951-50-1	86
4	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	86



Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D Vial: 16
Acq On : 1 May 2002 9:54 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

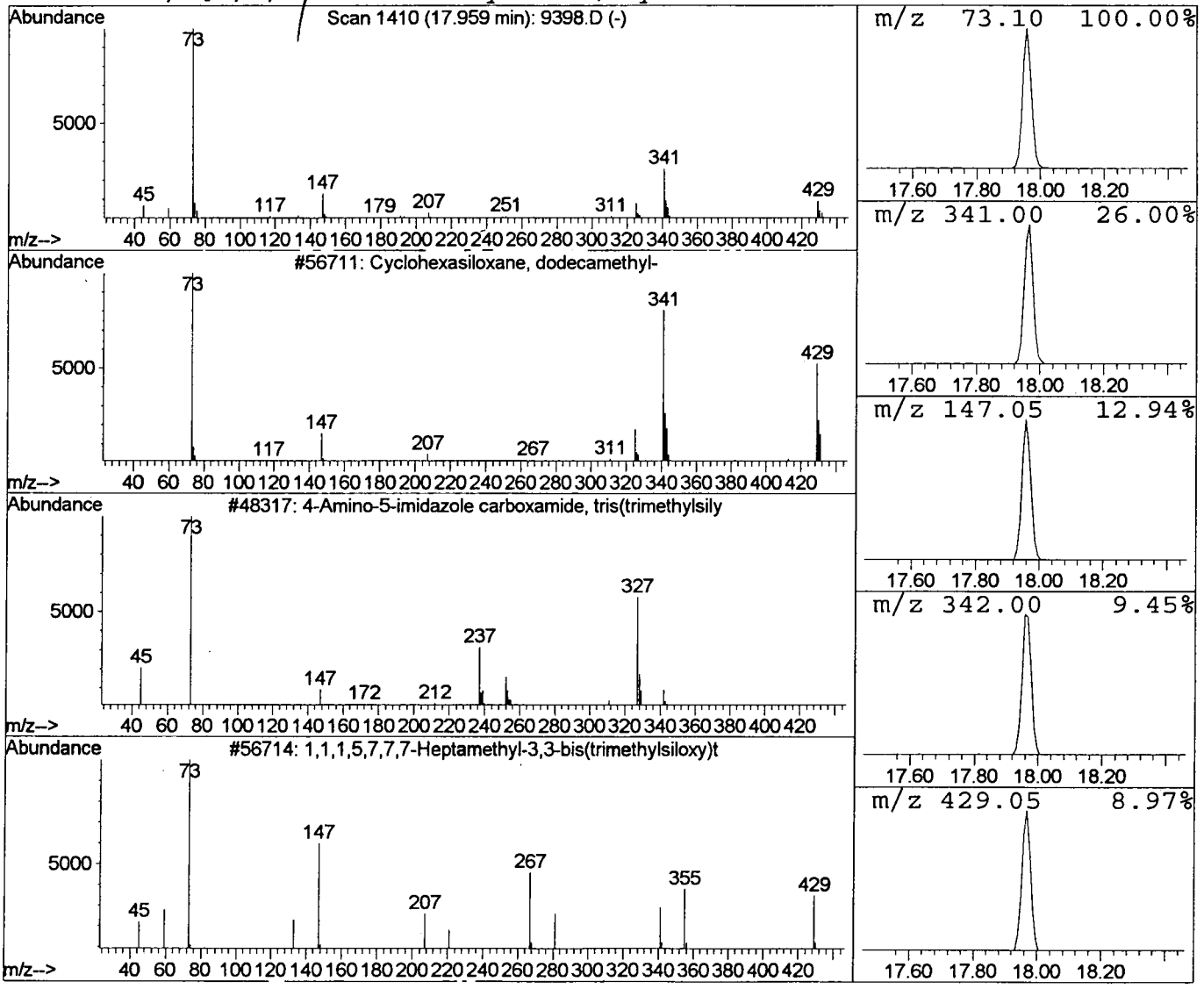
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Cyclohexasiloxane, dodecamethy Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.23 ug/l	248217	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	47
2	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	32
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
4	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	12



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Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D              Vial: 16
Acq On    :  1 May 2002    9:54 pm                    Operator:
Sample    : gc/ms scan 4/18 fb                        Inst    : 209
Misc      :                                           Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Library      : C:\DATABASE\NBS75K.L
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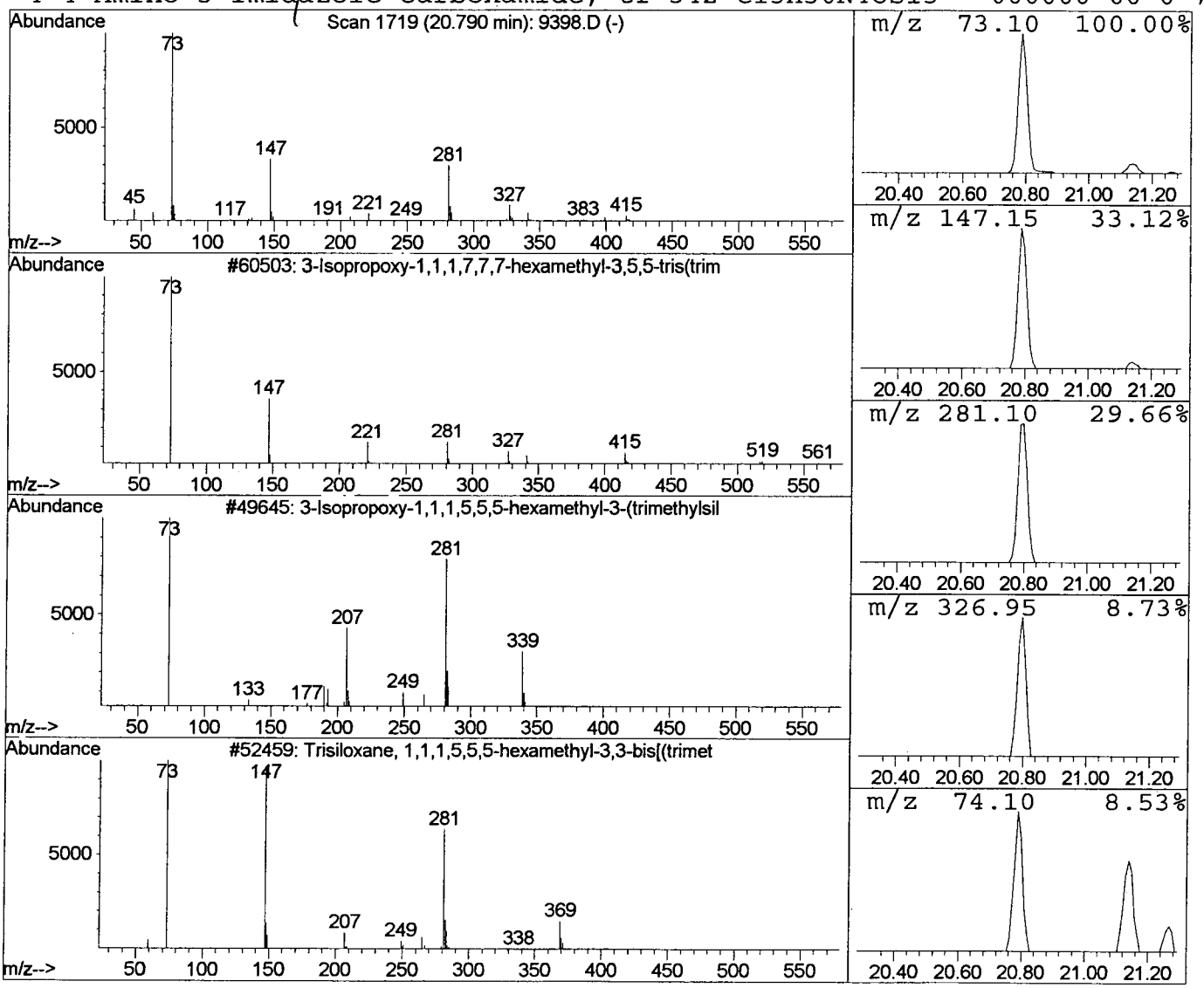
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	1.43 ug/l	118562	Acenaphthene-d10	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
2	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	25
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	23
4	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	7



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Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D              Vial: 16
Acq On    :  1 May 2002    9:54 pm                    Operator:
Sample    : gc/ms scan 4/18 fb                        Inst    : 209
Misc      :                                           Multiplr: 1.00
MS Integration Params: LSCINT.P

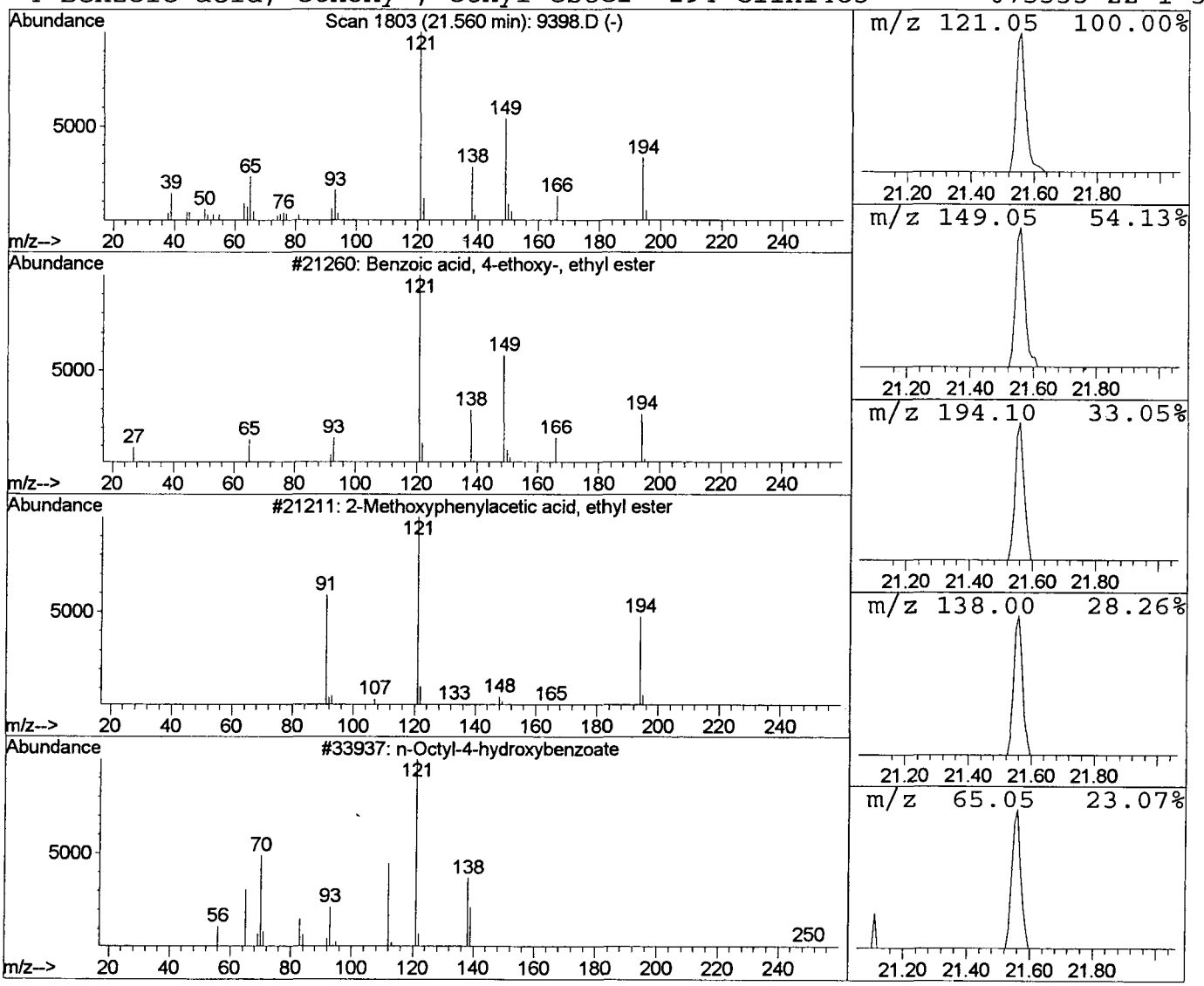
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Library      : C:\DATABASE\NBS75K.L
```

****

Peak Number 8 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	0.54 ug/l	44724	Acenaphthene-d10	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	97
2	2-Methoxyphenylacetic acid, ethyl e	194	C11H14O3	000000-00-0	43
3	n-Octyl-4-hydroxybenzoate	250	C15H22O3	001219-38-1	38
4	Benzoic acid, ethoxy-, ethyl ester	194	C11H14O3	075333-22-1	38



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Data File : C:\HPCHEM\1\DATA\MAY0102\9398.D              Vial: 16
Acq On    :  1 May 2002    9:54 pm                    Operator:
Sample    : gc/ms scan 4/18 fb                        Inst    : 209
Misc      :                                           Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Library      : C:\DATABASE\NBS75K.L
**********************************************************************
Peak Number  9  1,1,1,5,7,7,7-Heptamethyl-3,3-  Concentration Rank  8
```
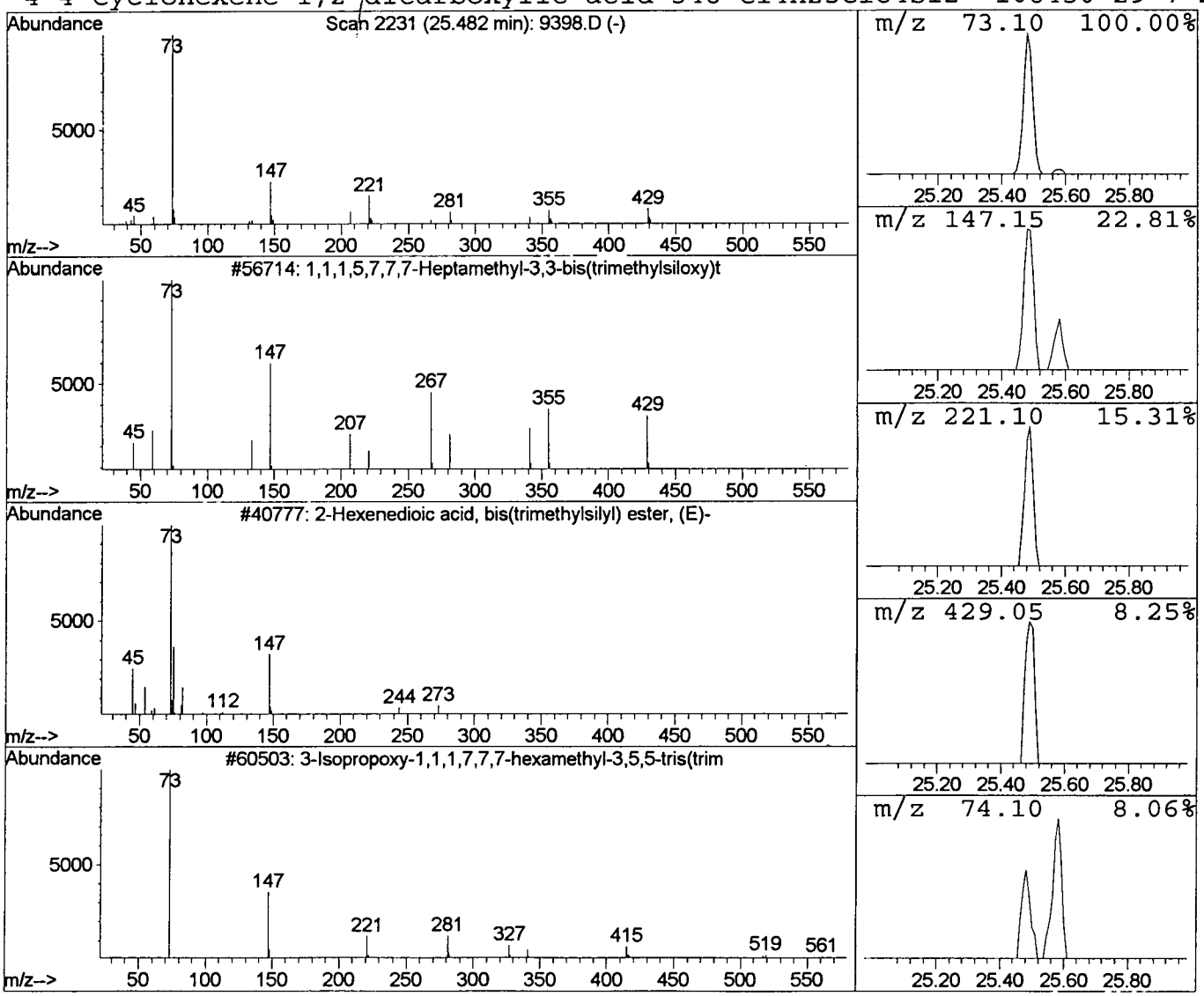

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.48	0.54 ug/l	42024	Phenanthrene-d10	25.58

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	38
2	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	32
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
4	4-Cyclohexene-1,2-dicarboxylic acid	348	C14H25ClO4Si2	106450-29-7	23



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 May 2002 9:54 pm
Data File: C:\HPCHEM\1\DATA\MAY0102\9398.D
Name: gc/ms scan 4/18 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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
Butane, 2-methoxy-2-	8.11	0.6	ug/l	35052	ISTD01	12.20	2442100	40.0
2-Pentanone, 4-hydro	8.18	13.8	ug/l	841331	ISTD01	12.20	2442100	40.0
Cyclotetrasiloxane,	11.61	4.3	ug/l	265063	ISTD01	12.20	2442100	40.0
Cyclopentasiloxane,	14.81	3.7	ug/l	287985	ISTD02	15.84	3078110	40.0
1H-Inden-5-ol, 2,3-d	16.42	0.7	ug/l	51374	ISTD02	15.84	3078110	40.0
Cyclohexasiloxane, d	17.96	3.2	ug/l	248217	ISTD02	15.84	3078110	40.0
3-Isopropoxy-1,1,1,7	20.79	1.4	ug/l	118562	ISTD03	21.14	3322720	40.0
Benzoic acid, 4-etho	21.56	0.5	ug/l	44724	ISTD03	21.14	3322720	40.0
1,1,1,5,7,7,7-Heptam	25.48	0.5	ug/l	42024	ISTD04	25.58	3096420	40.0

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