Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D Vial: 6
Acq On : 21 Feb 2002 7:01 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:08 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	250732	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	954144	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	501735	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	675617	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	410058	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	264490	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	35336	4.52	ug/mL	0.31
Spiked Amount 5.000			Recovery = 90.40%			
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.		
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	0.00	149	0	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\FEB2102\472.D Vial: 6
Acq On : 21 Feb 2002 7:01 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:08 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

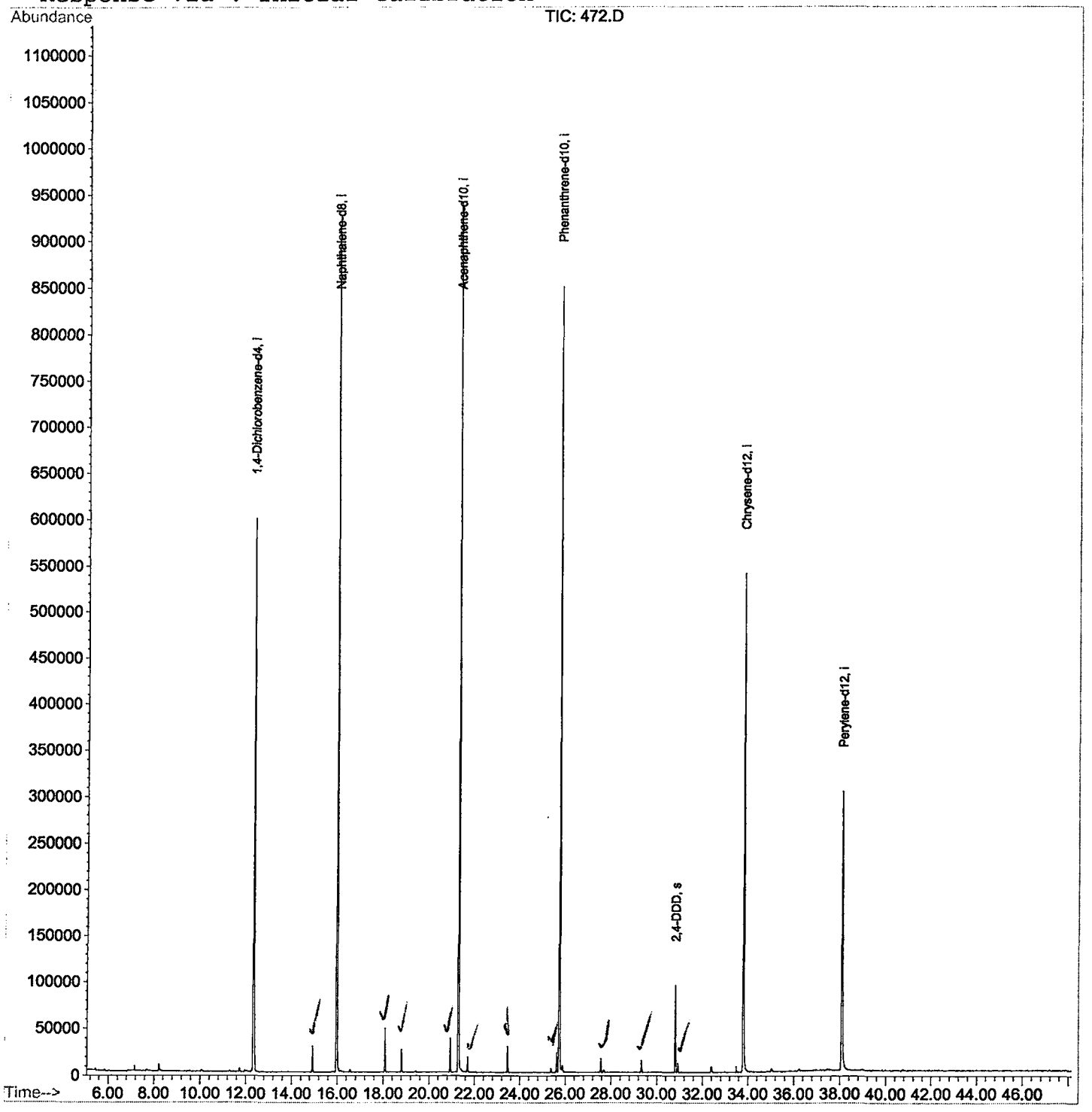
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.70	149	3499	N.D.	
36)	Fluoranthene	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	33.81	228	1000	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	209	N.D.	
43)	Chrysene	33.81	228	1000	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	38.08	252	1146	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

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D Vial: 6
Acq On : 21 Feb 2002 7:01 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:08 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D
Acq On : 21 Feb 2002 7:01 pm
Sample : gc/ms scan 1/22
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : GC/MS 209
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

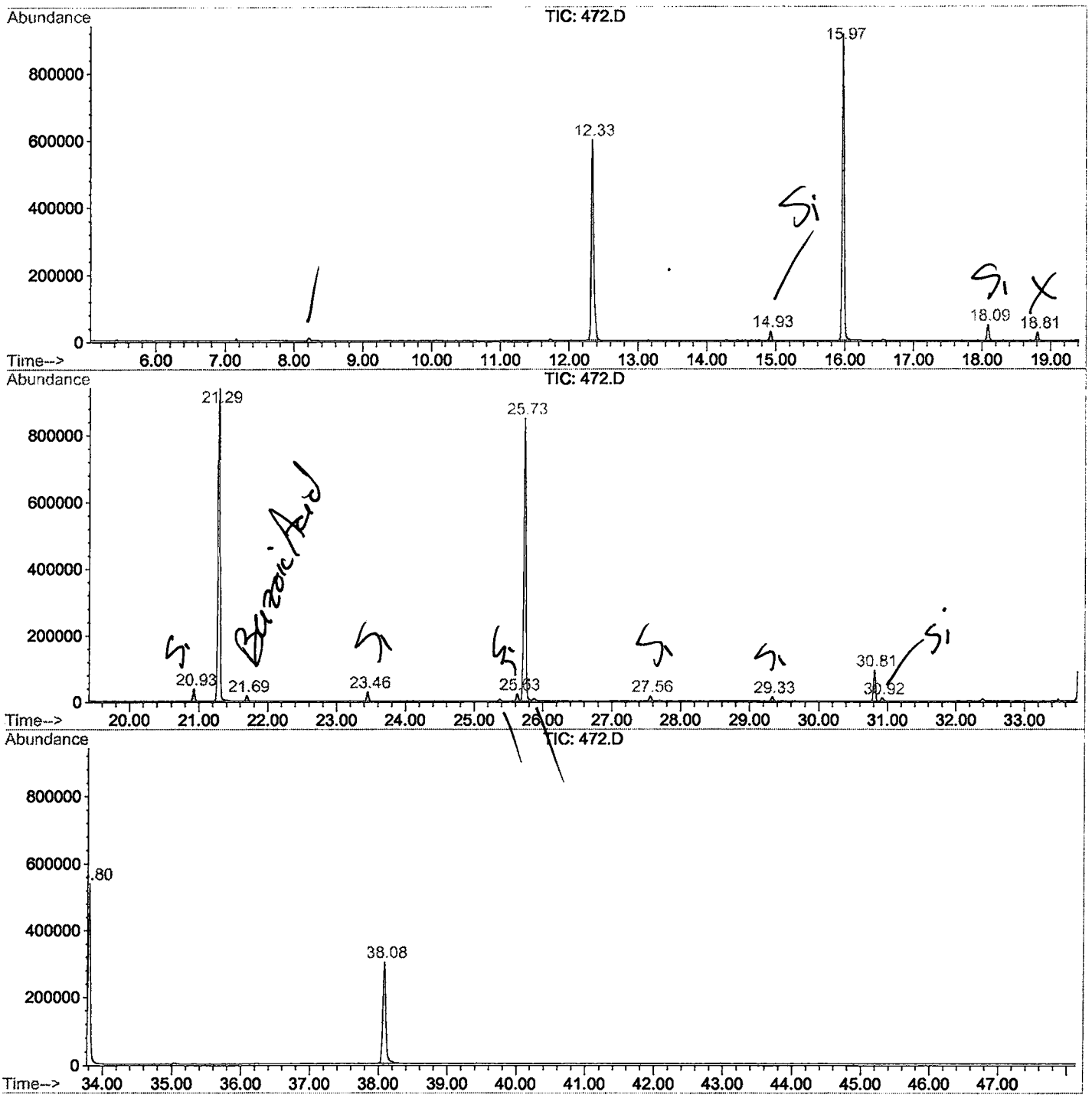
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.329	789	794	805	rBV	596296	1406192	71.28%	14.260%
2	14.927	1071	1077	1082	rBV	28155	53721	2.72%	0.545%
3	15.974	1185	1191	1204	rBV	912566	1846565	93.60%	18.725%
4	18.085	1415	1421	1428	rVB	46780	93154	4.72%	0.945%
5	18.811	1495	1500	1504	rBV	24222	44886	2.28%	0.455%
6	20.931	1726	1731	1736	rBV	36567	71173	3.61%	0.722%
7	21.289	1763	1770	1780	rBV	939157	1972815	100.00%	20.006%
8	21.693	1811	1814	1819	rVB	16375	28909	1.47%	0.293%
9	23.456	2001	2006	2013	rVB	27762	54883	2.78%	0.557%
10	25.631	2237	2243	2248	rBV2	21112	42168	2.14%	0.428%
11	25.732	2248	2254	2265	rBV2	847455	1815606	92.03%	18.412%
12	27.559	2448	2453	2458	rVB	15200	30732	1.56%	0.312%
13	29.331	2640	2646	2653	rBV	12840	25640	1.30%	0.260%
14	30.809	2801	2807	2814	rBV	92873	181581	9.20%	1.841%
15	30.919	2814	2819	2825	rVB	9924	22563	1.14%	0.229%
16	33.802	3122	3133	3151	rBV2	537982	1261769	63.96%	12.795%
17	38.080	3591	3599	3620	rBV2	299350	908881	46.07%	9.217%

Sum of corrected areas: 9861238

472.D GCMS0208.M Fri Feb 22 09:41:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\472.D
Operator :
Acquired : 21 Feb 2002 7:01 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/22
Misc Info :
Vial Number: 6
Quant File :GCMS0208.RES (RTE Integrator)



472.D GCMS0208.M Fri Feb 22 09:42:02 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D Vial: 6
Acq On : 21 Feb 2002 7:01 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

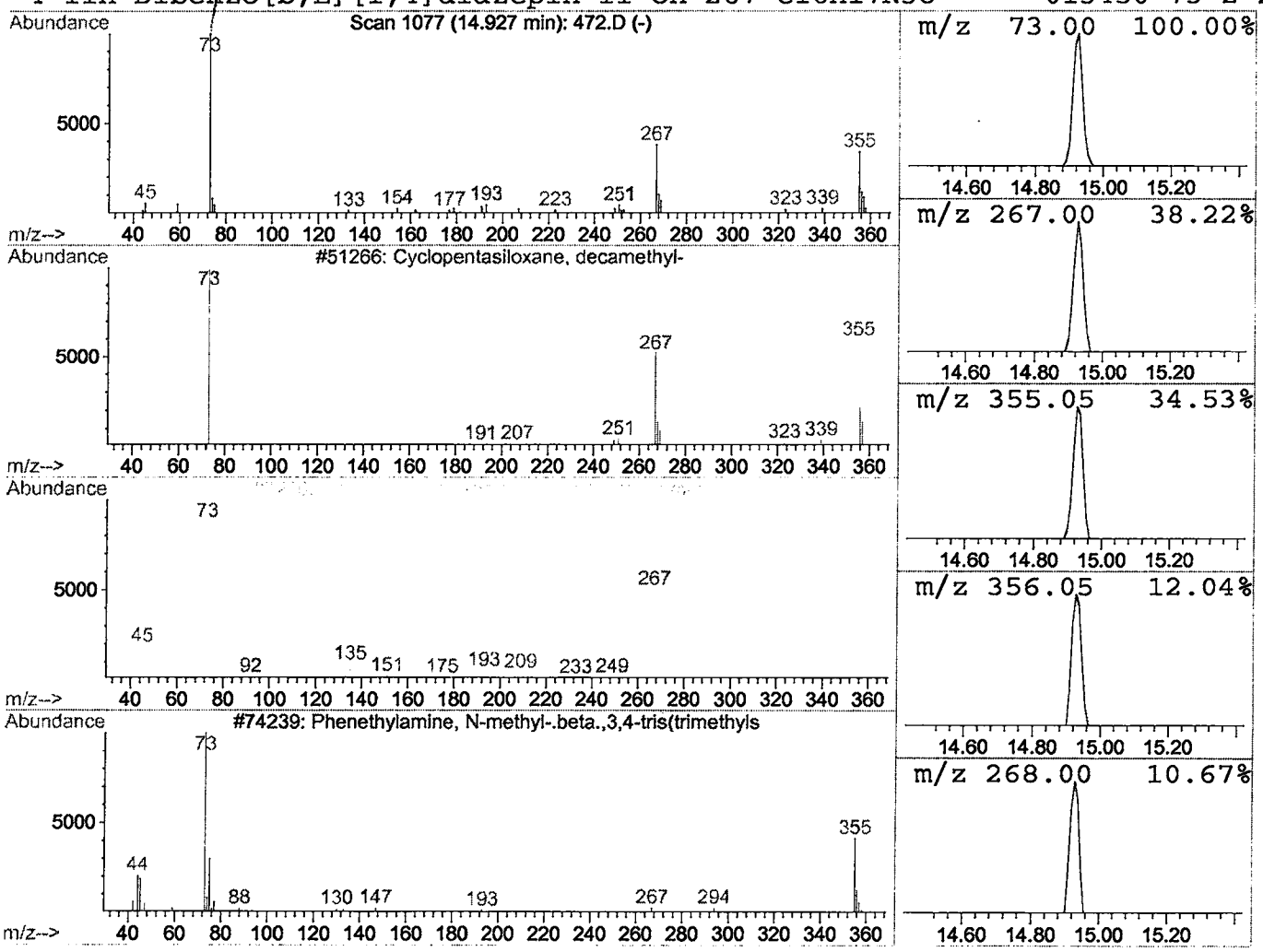
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	0.58 ug/l	53721	Naphthalene-d8	15.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	86
2	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	43
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	32
4	11H-Dibenzo[b,E][1,4]diazepin-11-on	267	C16H17N3O	013450-73-2	27



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D Vial: 6
Acq On : 21 Feb 2002 7:01 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

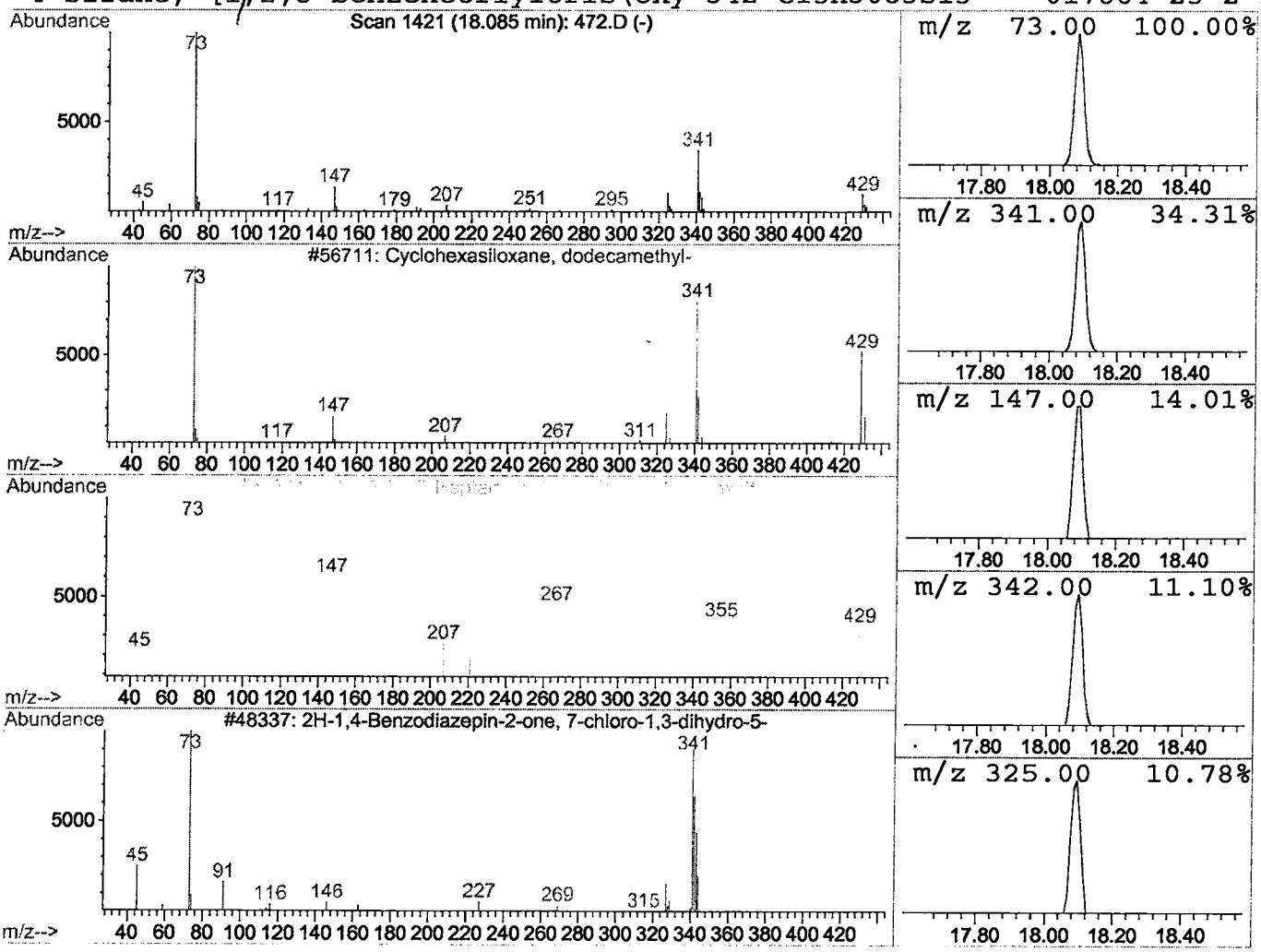
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclohexasiloxane, dodecamethy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	1.01 ug/l	93154	Naphthalene-d8	15.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	30
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
3	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	9
4	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D
Acq On : 21 Feb 2002 7:01 pm
Sample : gc/ms scan 1/22
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : GC/MS 209
Multiplr: 1.00

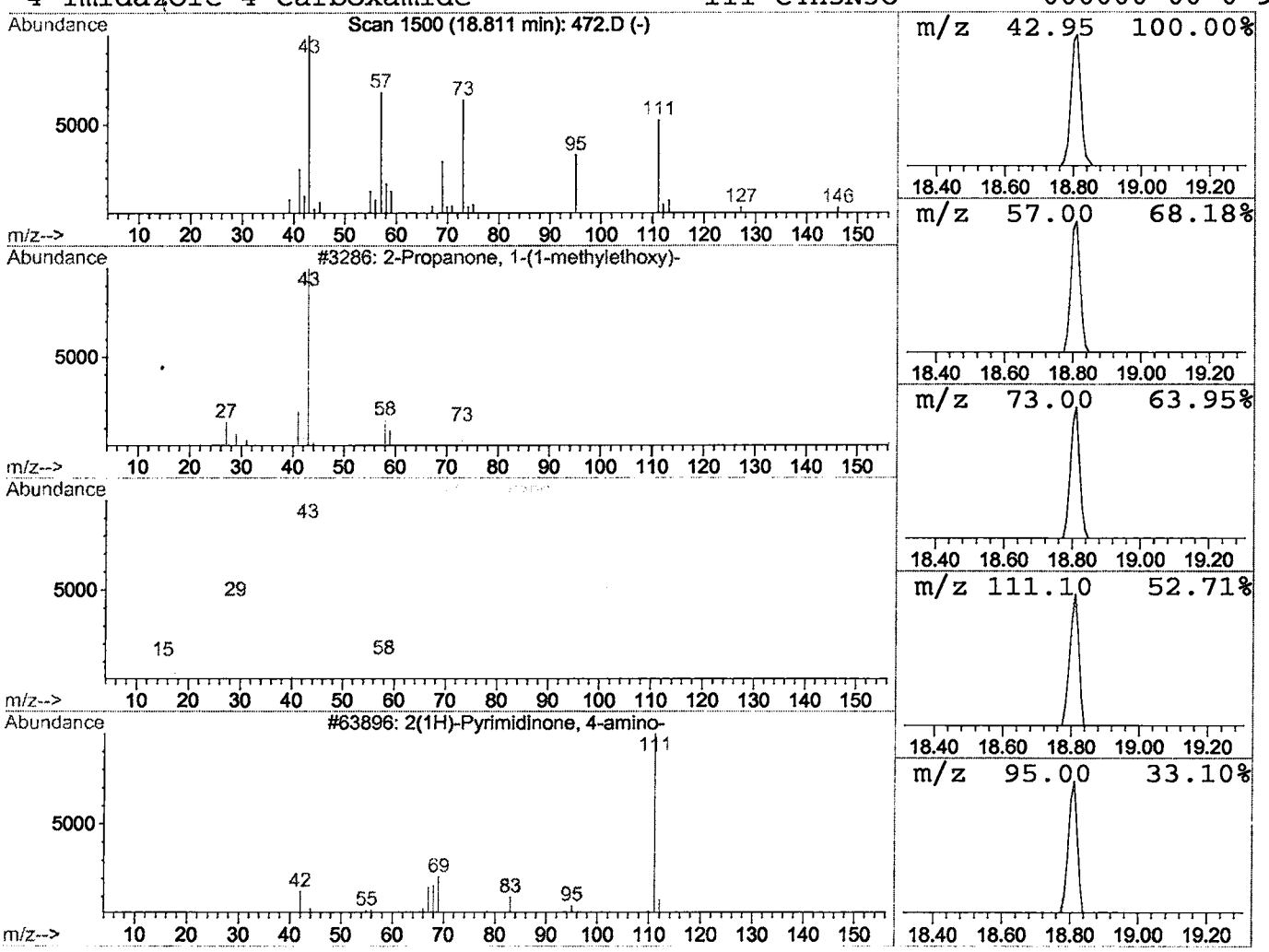
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanone, 1-(1-methylethoxy Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	0.46 ug/l	44886	Acenaphthene-d10	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	17
2	Butane	58	C4H10	000106-97-8	9
3	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	9
4	Imidazole-4-carboxamide	111	C4H5N3O	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D Vial: 6
Acq On : 21 Feb 2002 7:01 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

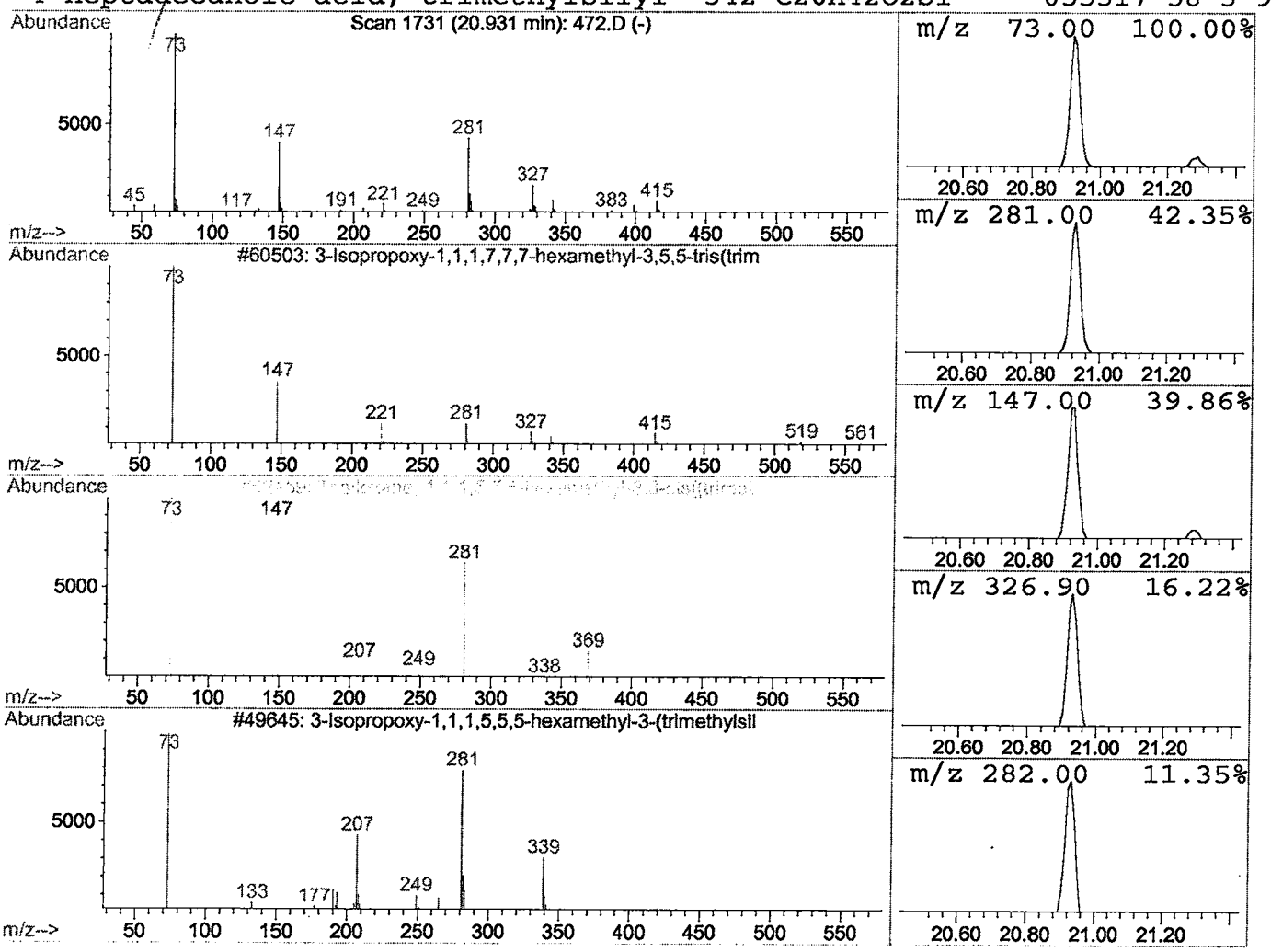
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	0.72 ug/l	71173	Acenaphthene-d10	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	58
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	16
4	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D Vial: 6
Acq On : 21 Feb 2002 7:01 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

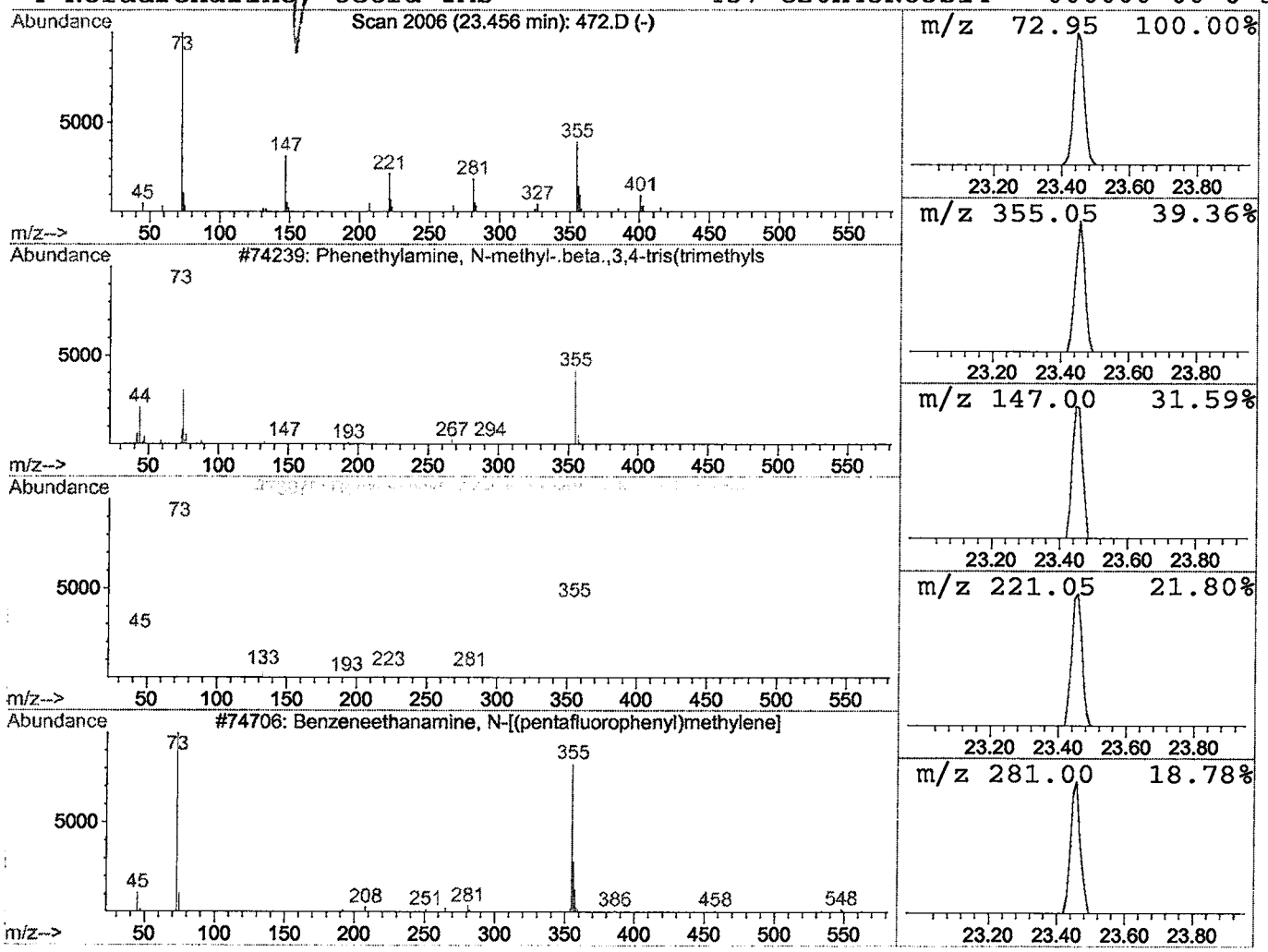
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Phenethylamine, N-methyl-.beta Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	0.56 ug/l	54883	Acenaphthene-d10	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	43
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D
Acq On : 21 Feb 2002 7:01 pm
Sample : gc/ms scan 1/22
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : GC/MS 209
Multiplr: 1.00

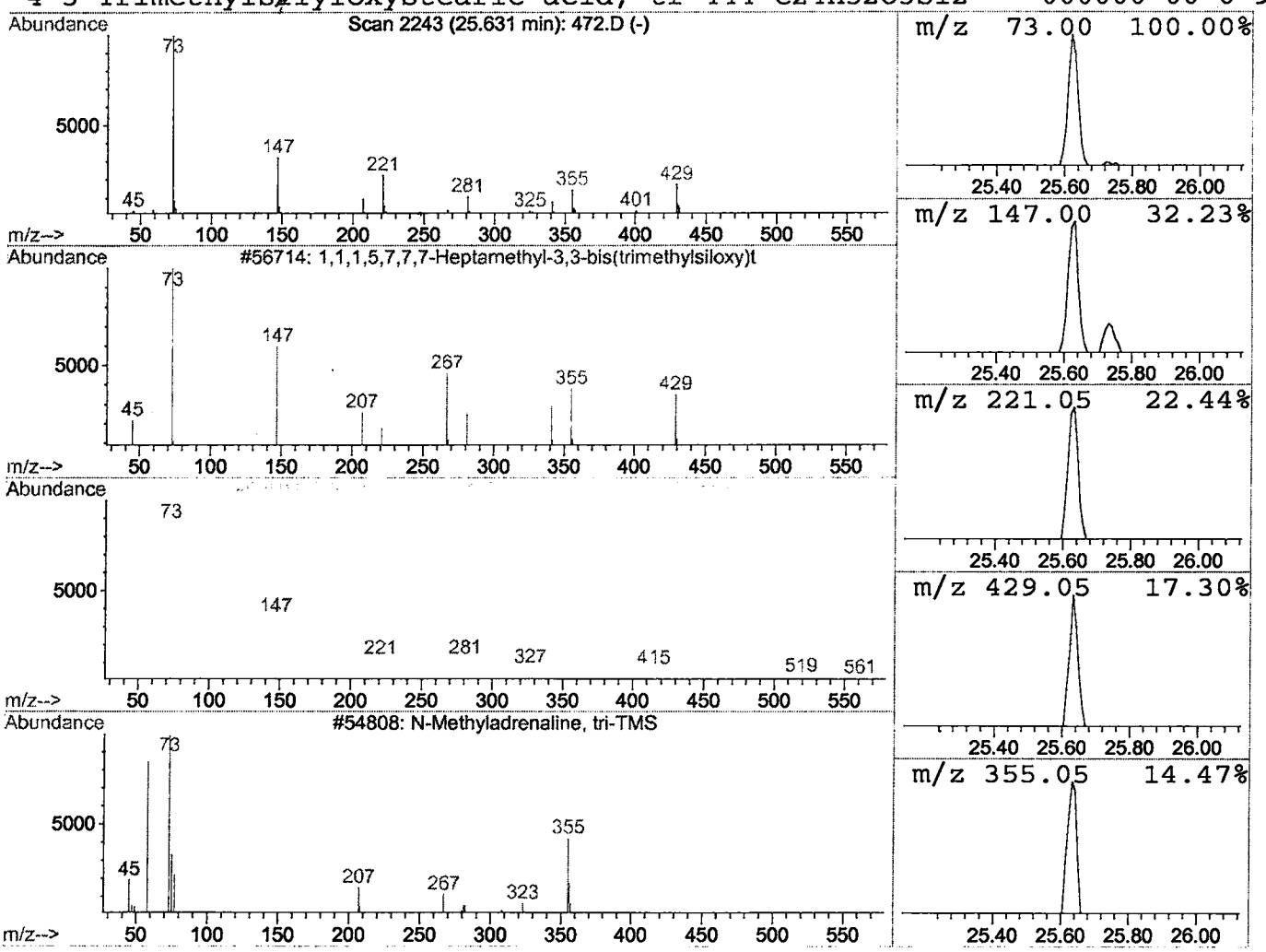
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.63	0.46 ug/l	42168	Phenanthrene-d10	25.73

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	50
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
3	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	10
4	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D Vial: 6
Acq On : 21 Feb 2002 7:01 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

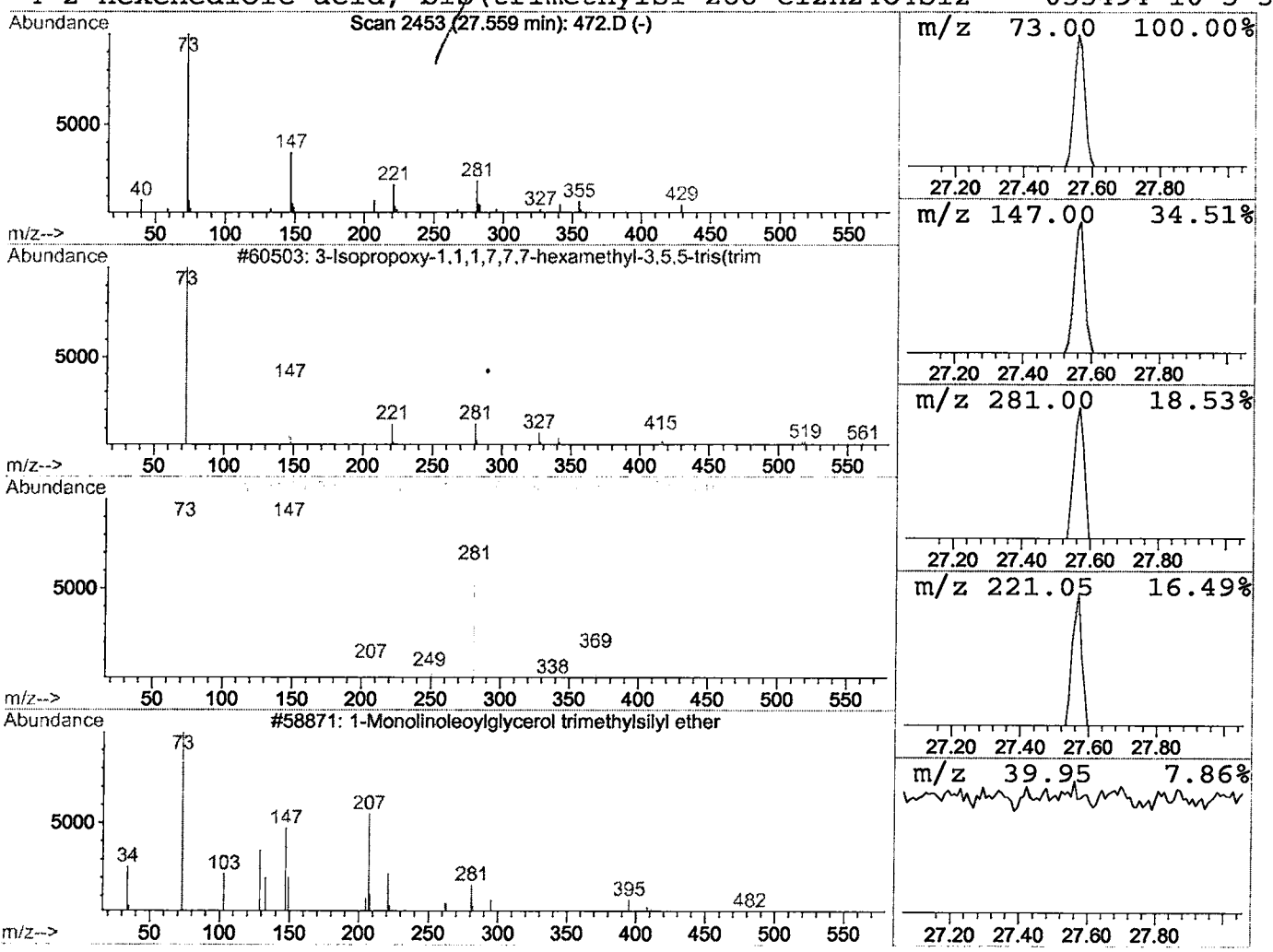
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.56	0.34 ug/l	30732	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	56
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	47
3	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	39
4	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D Vial: 6
Acq On : 21 Feb 2002 7:01 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

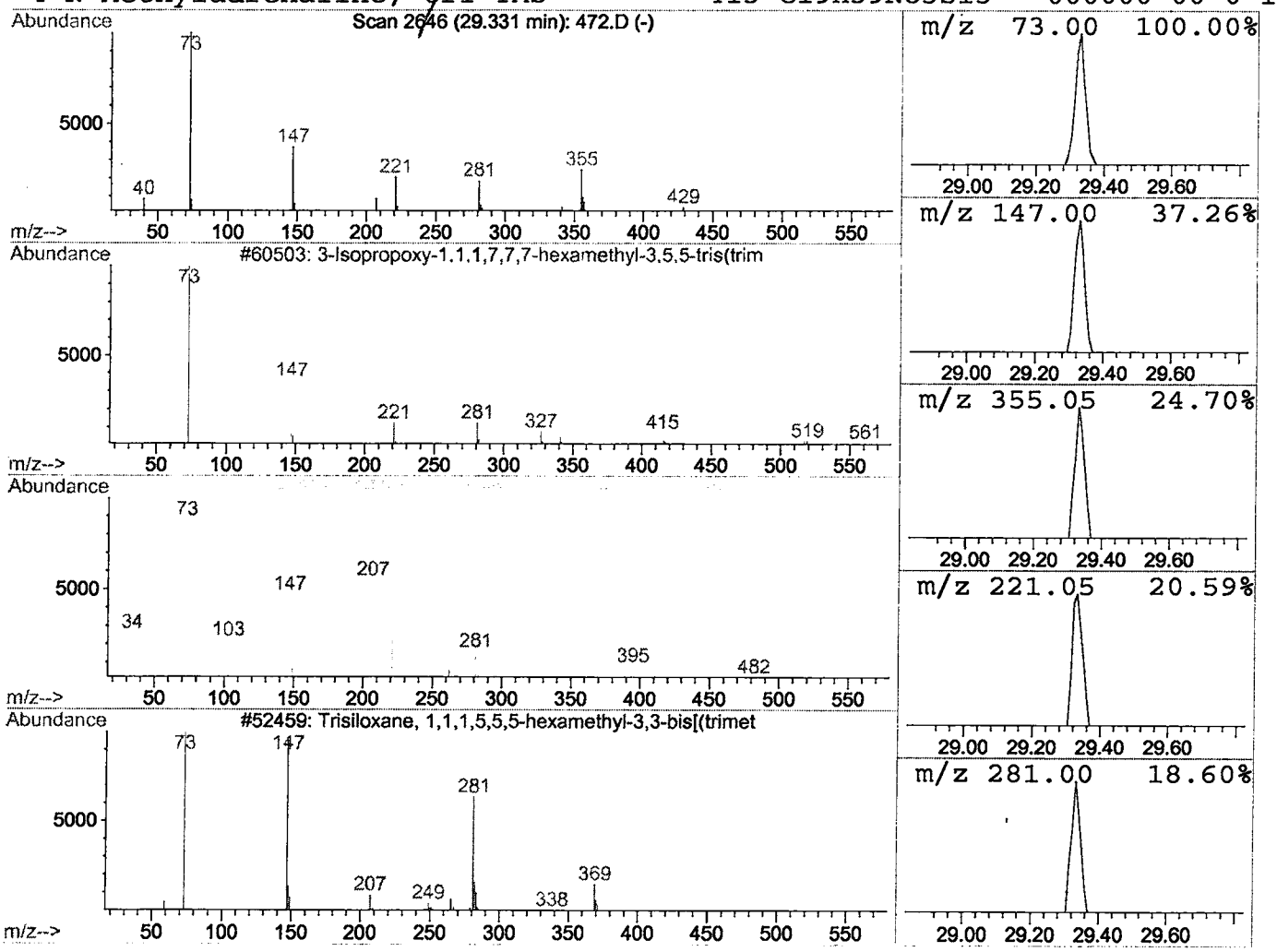
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.33	0.28 ug/l	25640	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	28
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	17
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	16



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D
Acq On : 21 Feb 2002 7:01 pm
Sample : gc/ms scan 1/22
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : GC/MS 209
Multiplr: 1.00

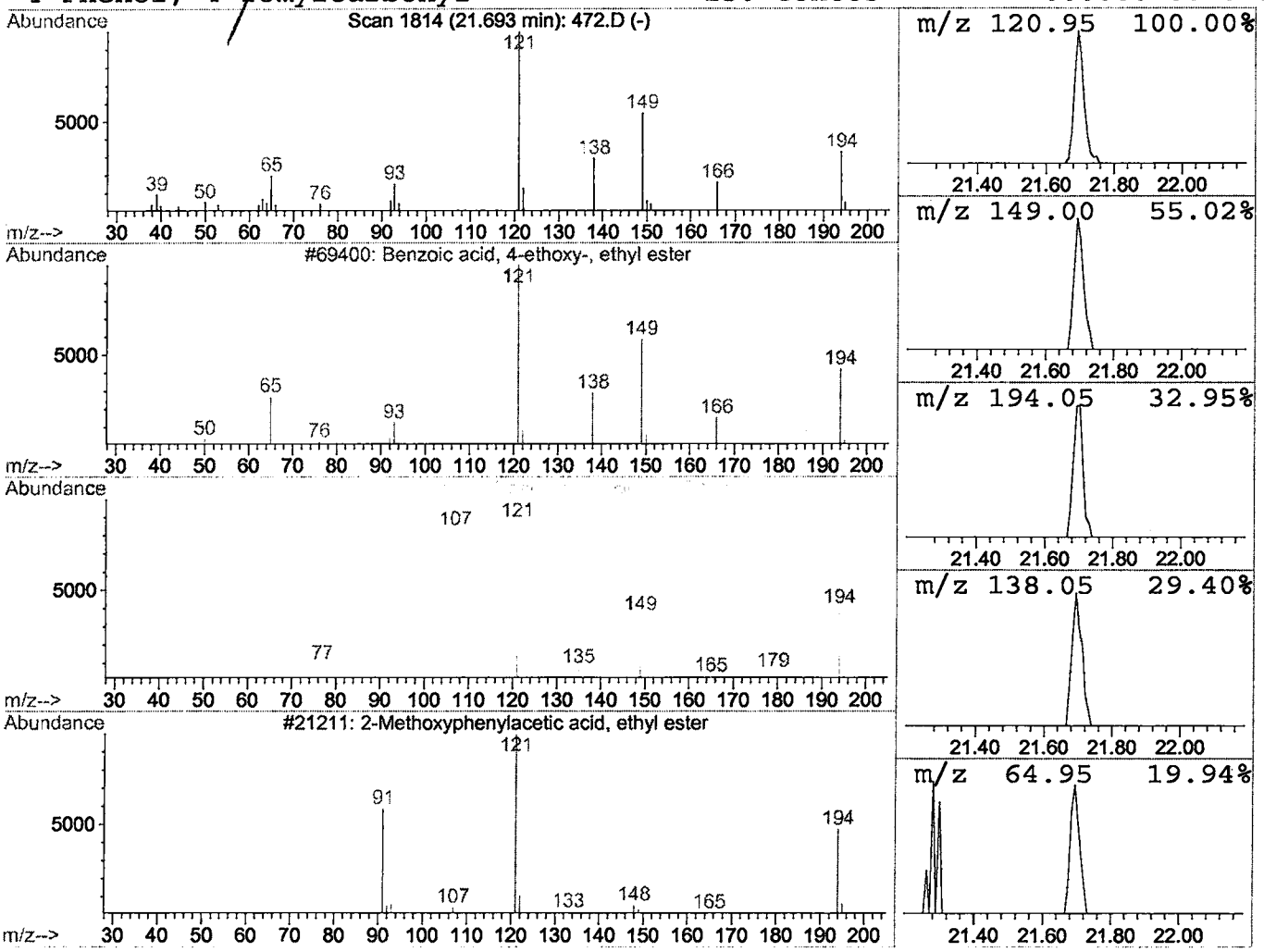
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	0.29 ug/l	28909	Acenaphthene-d10	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	94
2	1,3-Cyclohexadiene-1-carboxylic aci	194	C12H18O2	035044-59-8	50
3	2-Methoxyphenylacetic acid, ethyl e	194	C11H14O3	000000-00-0	43
4	Phenol, 4-formylcarbonyl-	150	C8H6O3	000000-00-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\472.D
Acq On : 21 Feb 2002 7:01 pm
Sample : gc/ms scan 1/22
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : GC/MS 209
Multiplr: 1.00

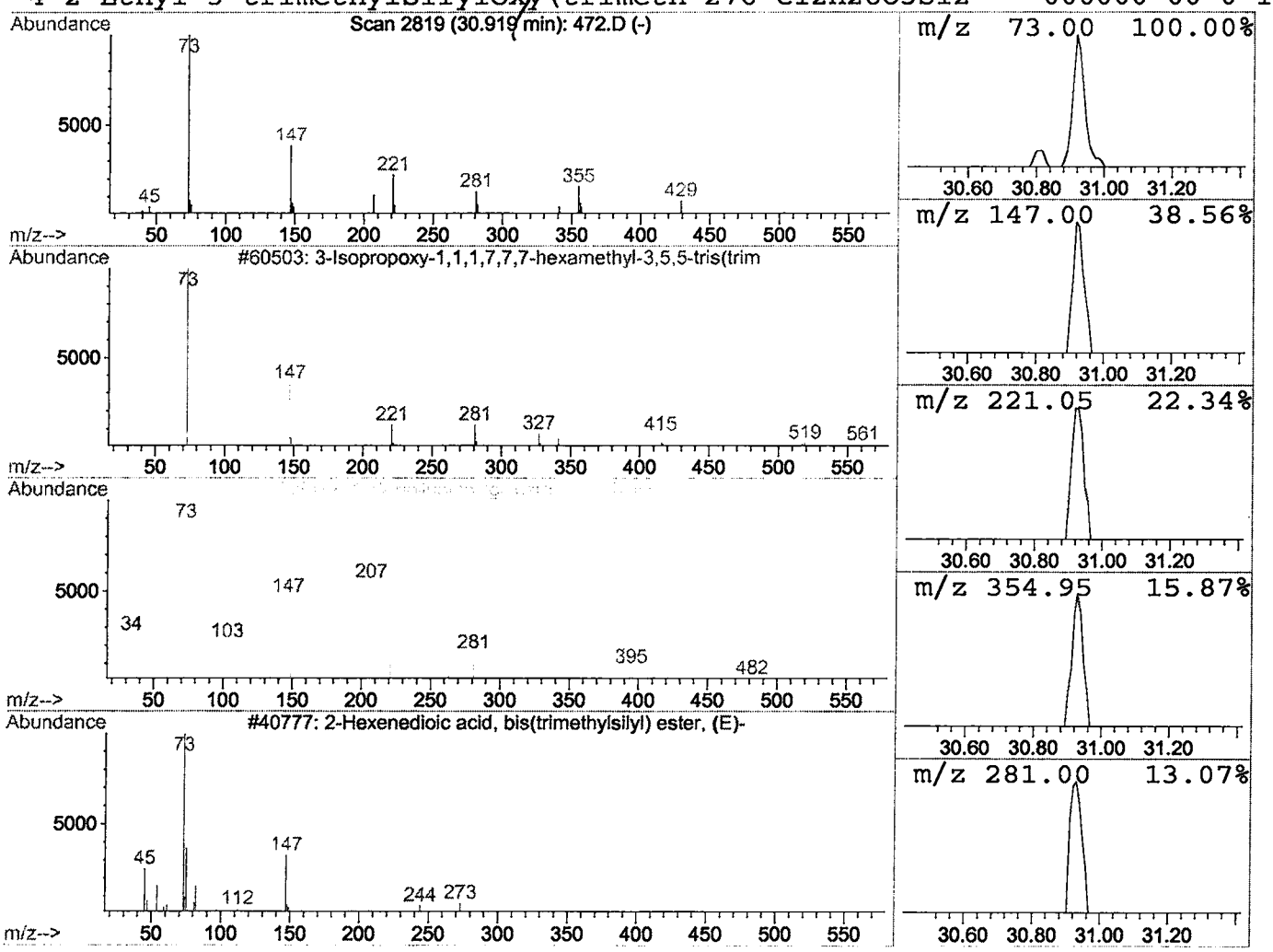
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.92	0.36 ug/l	22563	Chrysene-d12	33.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	53
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	38
3	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	17
4	2-Ethyl-3-trimethylsilyloxy(trimeth	276	C12H28O3Si2	000000-00-0	17



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Feb 2002 7:01 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\472.D
Name: gc/ms scan 1/22
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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,	14.93	0.6	ug/l	53721	ISTD02	15.97	1846570	20.0
Cyclohexasiloxane, d	18.09	1.0	ug/l	93154	ISTD02	15.97	1846570	20.0
2-Propanone, 1-(1-me	18.81	0.5	ug/l	44886	ISTD03	21.29	1972820	20.0
3-Isopropoxy-1,1,1,7	20.93	0.7	ug/l	71173	ISTD03	21.29	1972820	20.0
Benzoic acid, 4-etho	21.69	0.3	ug/l	28909	ISTD03	21.29	1972820	20.0
Phenethylamine, N-me	23.46	0.6	ug/l	54883	ISTD03	21.29	1972820	20.0
1,1,1,5,7,7,7-Heptam	25.63	0.5	ug/l	42168	ISTD04	25.73	1815610	20.0
3-Isopropoxy-1,1,1,7	27.56	0.3	ug/l	30732	ISTD04	25.73	1815610	20.0
3-Isopropoxy-1,1,1,7	29.33	0.3	ug/l	25640	ISTD04	25.73	1815610	20.0
3-Isopropoxy-1,1,1,7	30.92	0.4	ug/l	22563	ISTD05	33.80	1261770	20.0

472.D GCMS0208.M Fri Feb 22 09:42:52 2002

column bleed