Comments for Sample AD30986 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-25-2002 Time: 12:43:58

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1802\30986A.D Vial: 3
Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 18 18:24 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.49	152	1187151	20.00	ug/l	-0.04
10) Naphthalene-d8	15.09	136	4632001	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.36	164	2285117	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	3416619	20.00	ug/l	-0.03
38) Chrysene-d12	32.81	240	2432691	20.00	ug/l	-0.03
44) Perylene-d12	36.87	264	1695609	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	203220	5.18	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 103.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.13	74	734	N.D.		
3) bis(2-Chloroethyl)ether	10.81	93	2286	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	12.33	70	10997	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.02	77	231	N.D.		
12) Isophorone	14.13	82	181	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	15.14	128	870	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	20.10	163	1229	N.D.		
21) 2,6-Dinitrotoluene	19.93	165	479	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.07	165	361	N.D.		
25) Diethylphthalate	21.87	149	2851	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

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Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.85	178	506	N.D.	
34)	Anthracene	24.97	178	117	N.D.	
35)	Di-n-butylphthalate	26.79	149	15170	N.D.	
36)	Fluoranthene	28.46	202	784	N.D.	
39)	Pyrene	29.11	202	1253	N.D.	
40)	Butylbenzylphthalate	31.30	149	2035	N.D.	
41)	Benzo(a)anthracene	32.88	228	10259	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	13755	N.D.	
43)	Chrysene	32.88	228	10259	N.D.	
45)	Di-n-Octylphthalate	34.84	149	3076	N.D.	
46)	Benzo(b)fluoranthene	35.91	252	12061	N.D.	
47)	Benzo(k)fluoranthene	35.91	252	9104	N.D.	
48)	Benzo(a)pyrene	36.73	252	4061	N.D.	
49)	Indeno(1,2,3-cd)pyrene	40.50	276	3005	N.D.	
50)	Dibenz(a,h)anthracene	40.49	278	1876	N.D.	
51)	Benzo(g,h,i)perylene	41.49	276	3668	N.D.	

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

Quantitation Report

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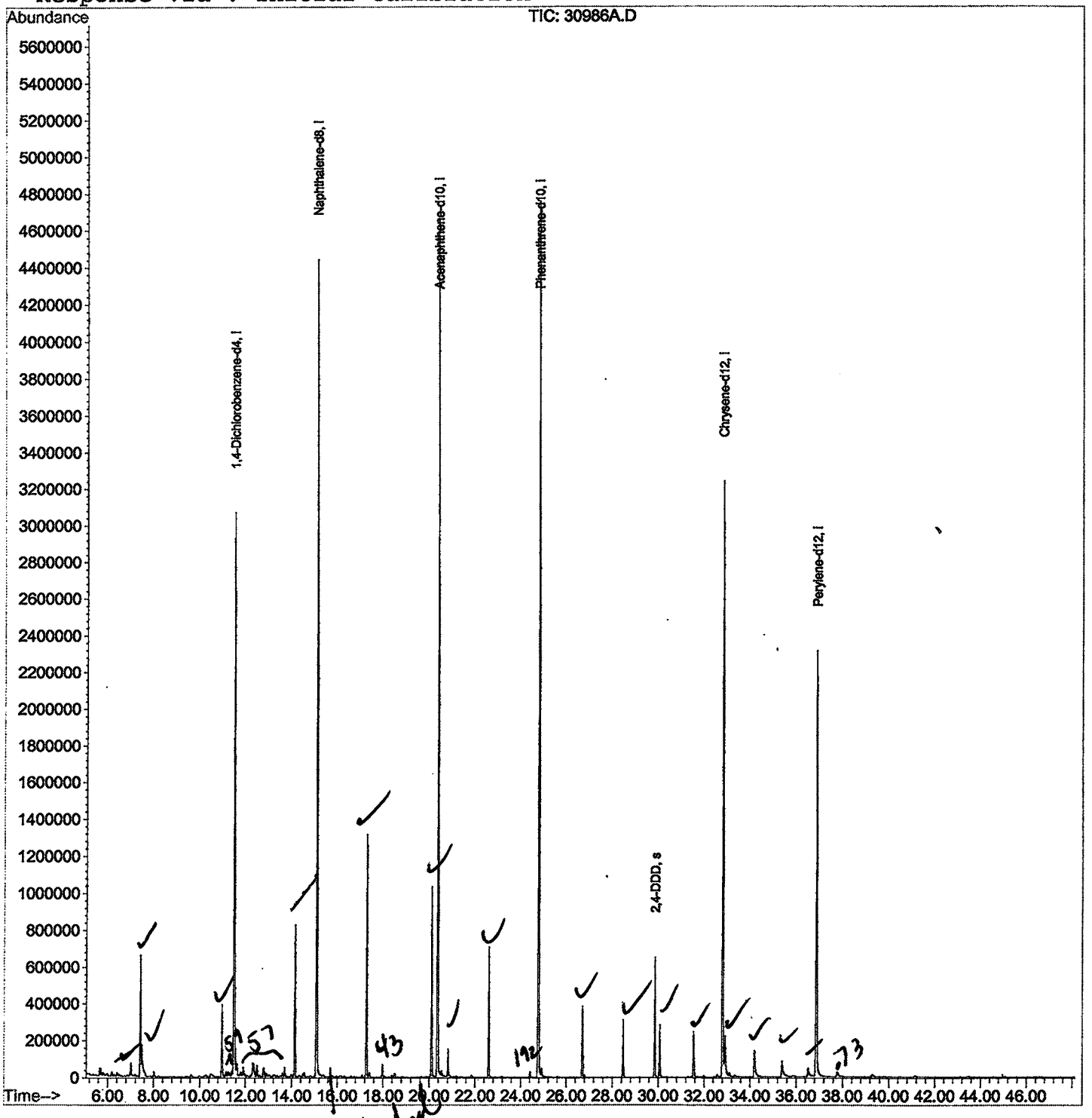
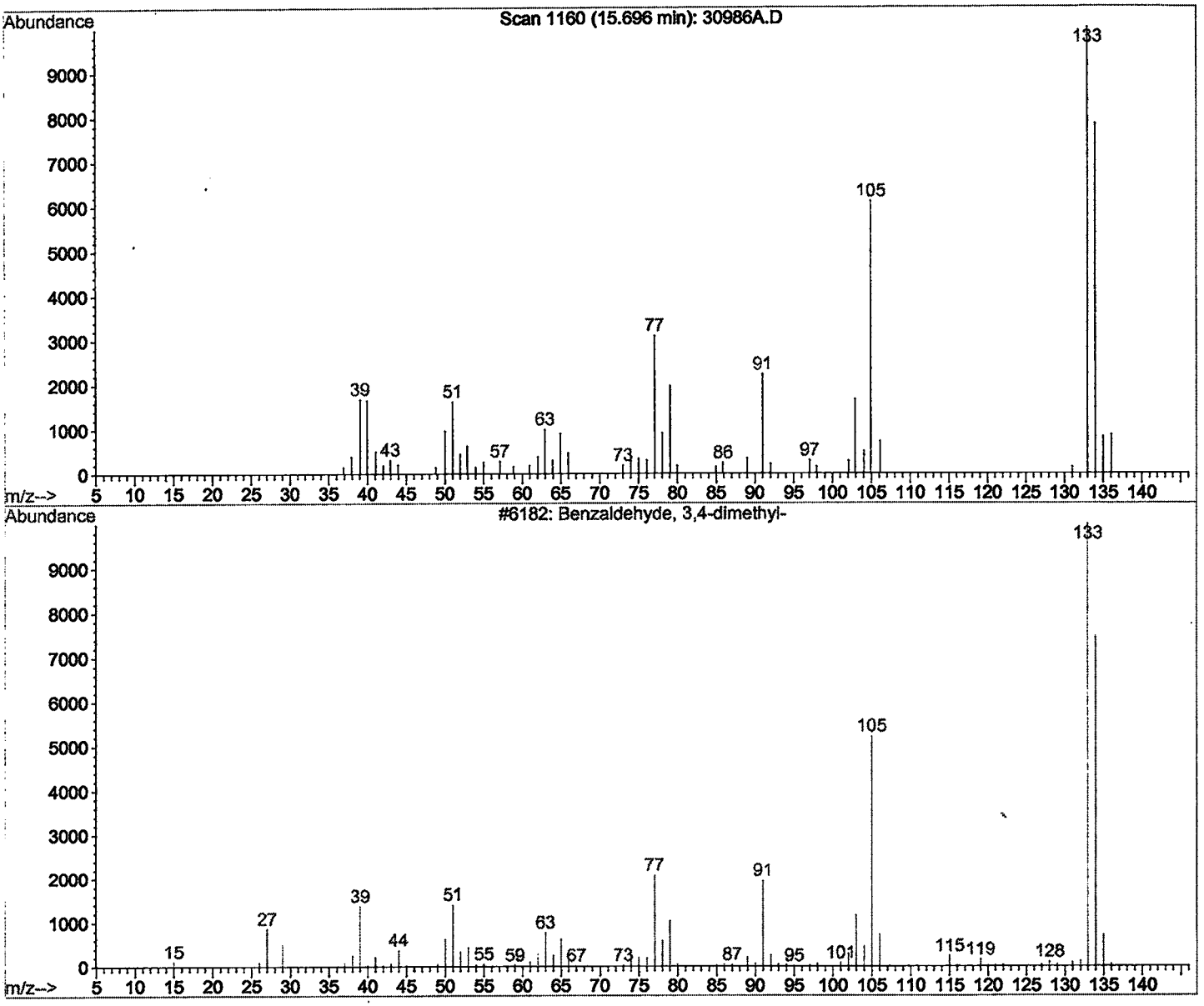
Sample :
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 18 18:24 2002

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



Library Searched : C:\DATABASE\nbs75k.l
Quality : 87
ID : Benzaldehyde, 3,4-dimethyl-



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1802\30986A.D Vial: 3
Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	7.011	207	214	219	rBV2	69087	146813	1.38%	0.208%
2	7.415	254	258	263	rBV	658149	1301097	12.20%	1.845%
3	7.488	263	266	289	rVB2	169660	631552	5.92%	0.896%
4	10.968	639	645	659	rBV	390546	910934	8.54%	1.292%
5	11.491	696	702	713	rVV	3061949	7619598	71.45%	10.804%
6	11.638	713	718	726	rVB	66692	192115	1.80%	0.272%
7	12.326	785	793	798	rBV2	71163	227247	2.13%	0.322%
8	12.492	806	811	815	rBV	61313	139298	1.31%	0.198%
9	12.776	836	842	851	rVB4	47734	175809	1.65%	0.249%
10	14.144	979	991	996	rBV	825342	1782763	16.72%	2.528%
11	15.090	1087	1094	1112	rBV	4439343	9532348	89.38%	13.517%
12	15.696	1156	1160	1166	rBV	49534	106849	1.00%	0.152%
13	17.275	1324	1332	1340	rBV	1313569	2825355	26.49%	4.006%
14	17.972	1402	1408	1413	rBV	70029	136022	1.28%	0.193%
15	20.093	1633	1639	1647	rBV	1028895	2129951	19.97%	3.020%
16	20.359	1660	1668	1684	rBV2	4661905	10069795	94.42%	14.279%
17	20.818	1713	1718	1723	rBV	146814	294085	2.76%	0.417%
18	22.608	1906	1913	1919	rBV	705869	1440776	13.51%	2.043%
19	24.775	2142	2149	2161	rBV2	4756524	10664513	100.00%	15.122%
20	24.913	2161	2164	2176	rVB	44083	116027	1.09%	0.165%
21	26.703	2353	2359	2366	rBV	383754	796299	7.47%	1.129%
22	28.465	2545	2551	2561	rBV	310499	679000	6.37%	0.963%
23	29.852	2696	2702	2708	rBV	651442	1273321	11.94%	1.806%
24	30.063	2719	2725	2738	rVB	281427	665348	6.24%	0.943%
25	31.532	2879	2885	2896	rBV	245039	639635	6.00%	0.907%
26	32.808	3010	3024	3030	rBV2	3237739	7747660	72.65%	10.986%
27	32.909	3030	3035	3051	rVV	218710	808955	7.59%	1.147%
28	34.194	3168	3175	3194	rBV2	141650	545671	5.12%	0.774%

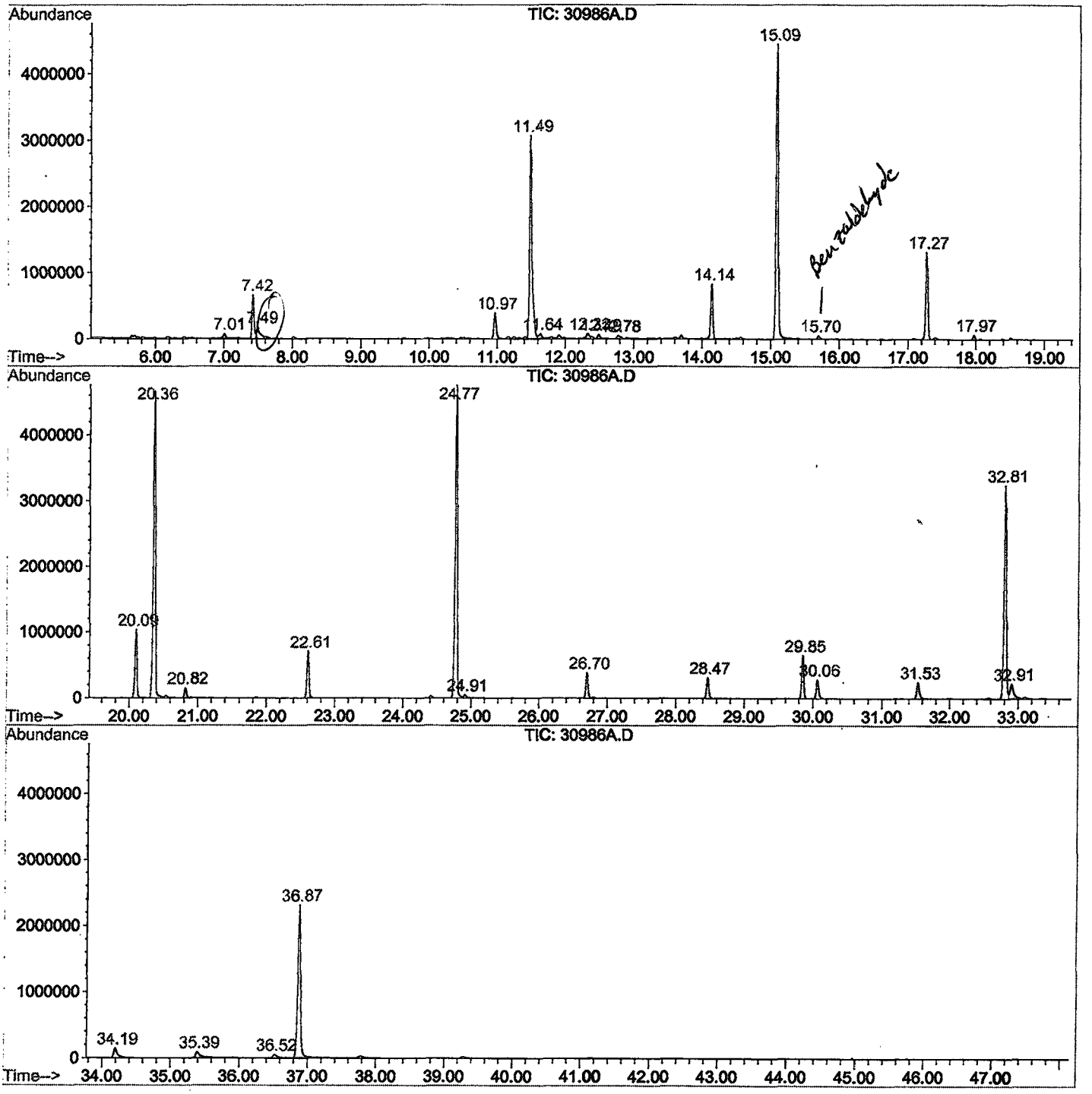
29	35.387	3298	3305	3323	rBV	85597	386820	3.63%	0.548%
30	36.517	3421	3428	3440	rBV2	48171	209039	1.96%	0.296%
31	36.875	3459	3467	3488	rBV2	2305934	6329055	59.35%	8.974%

Sum of corrected areas: 70523750

30986A.D GCMS1126.M Tue Jan 22 10:17:08 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\30986A.D
Operator : 209 GALOS
Acquired : 18 Jan 2002 5:36 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name:
Misc Info :
Vial Number: 3
Quant File :GCMS0103.RES (RTE Integrator)



30986A.D GCMS1126.M Tue Jan 22 10:17:14 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\30986A.D
Acq On : 18 Jan 2002 5:36 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

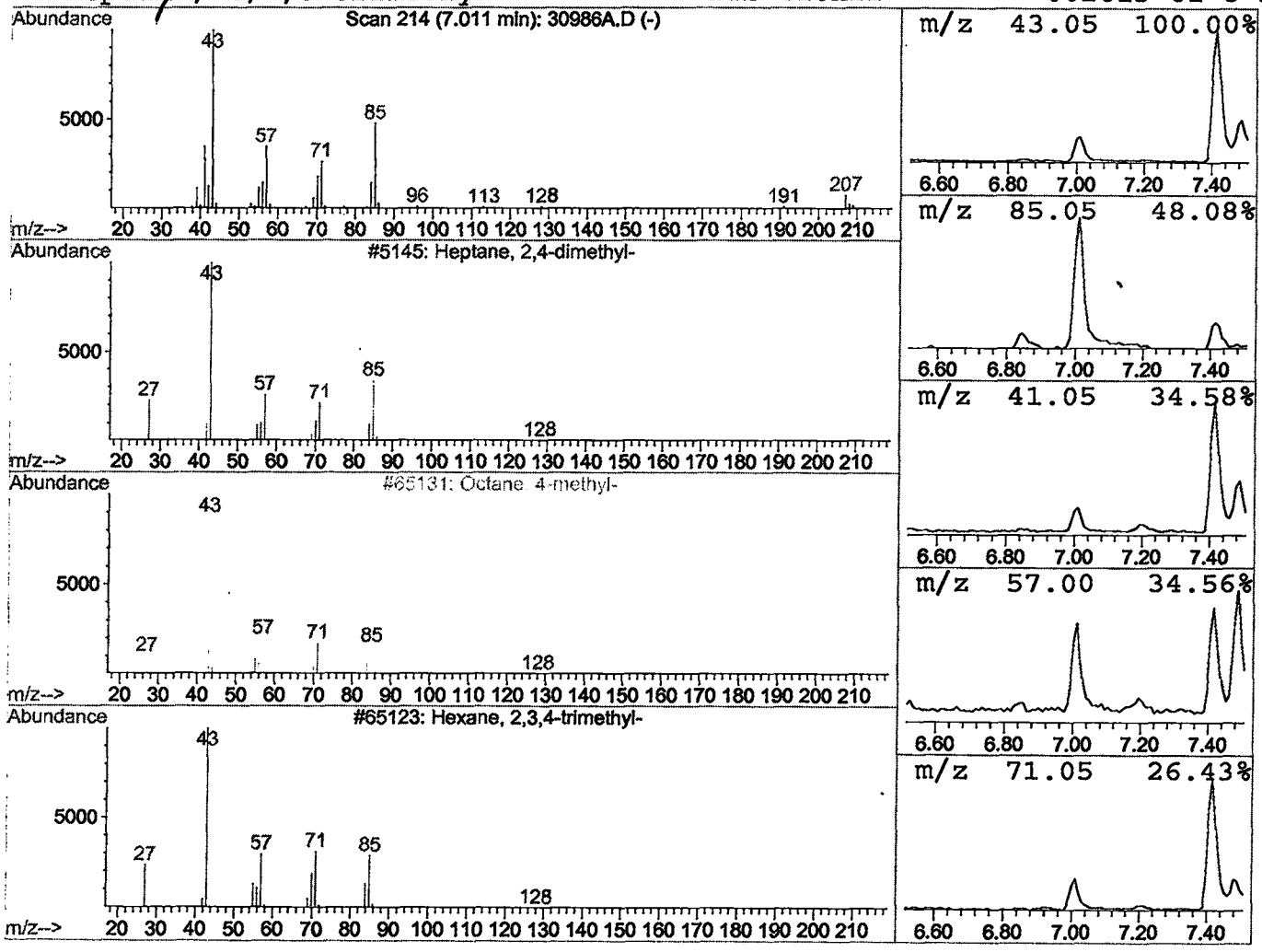
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Heptane, 2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	0.39 ug/l	146813	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	76
2	Octane, 4-methyl-	128	C9H20	002216-34-4	58
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	53



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

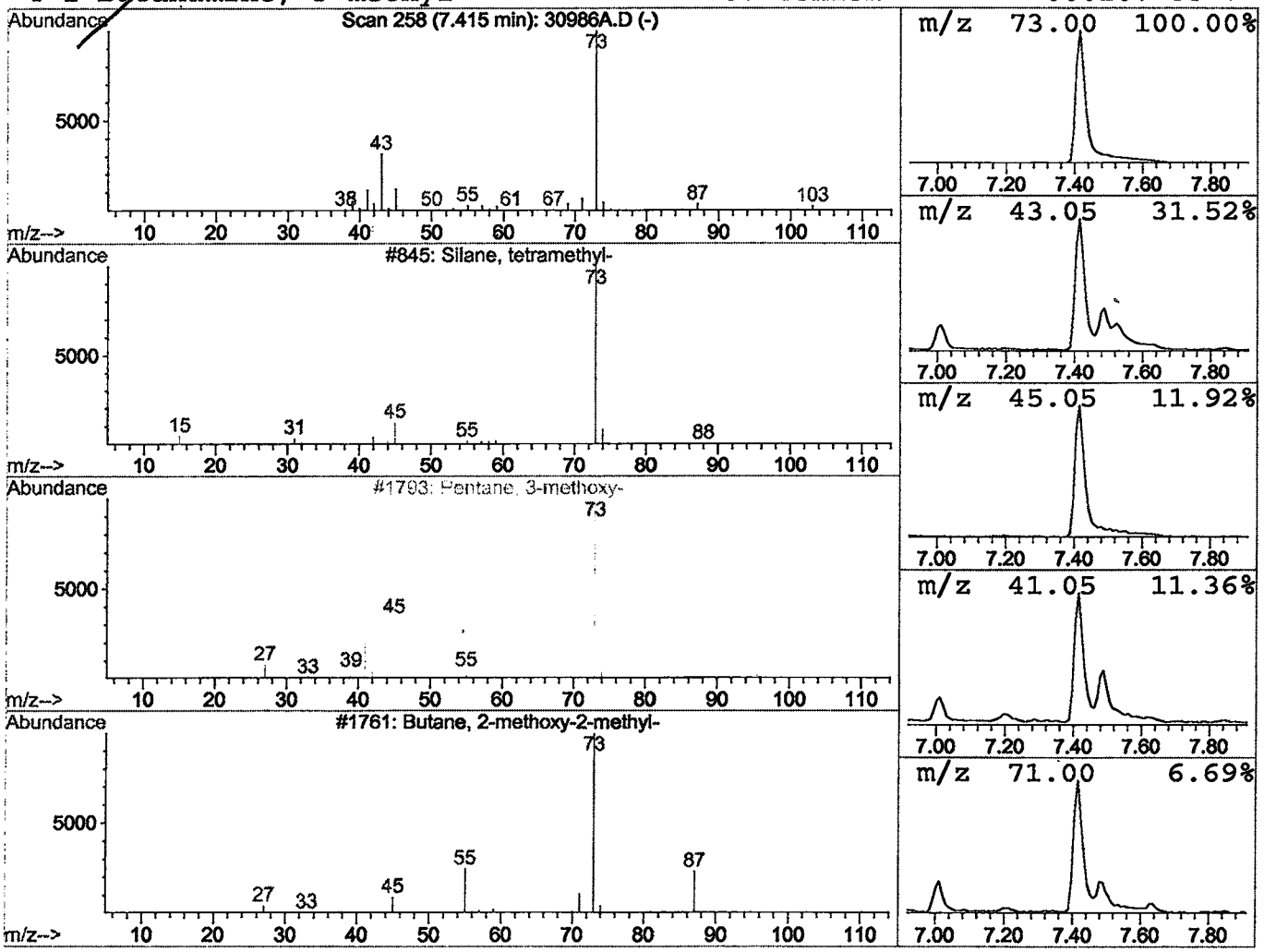
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Silane, tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	3.42 ug/l	1301100	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

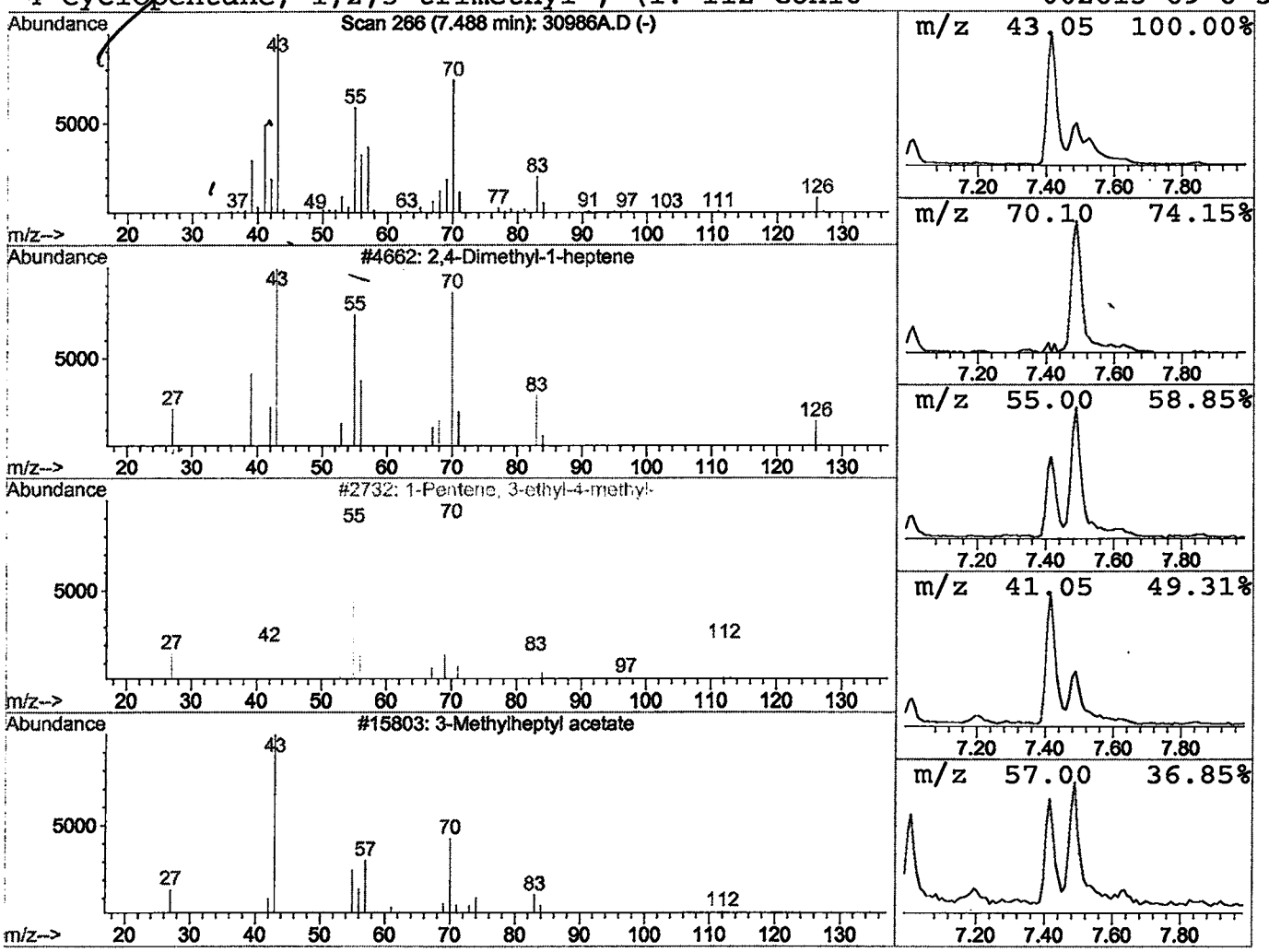
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2,4-Dimethyl-1-heptene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	1.66 ug/l	631552	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	70
2	1-Pentene, 3-ethyl-4-methyl-	112	C8H16	061847-80-1	64
3	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	50
4	Cyclopentane, 1,2,3-trimethyl-, (1.	112	C8H16	002613-69-6	50



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

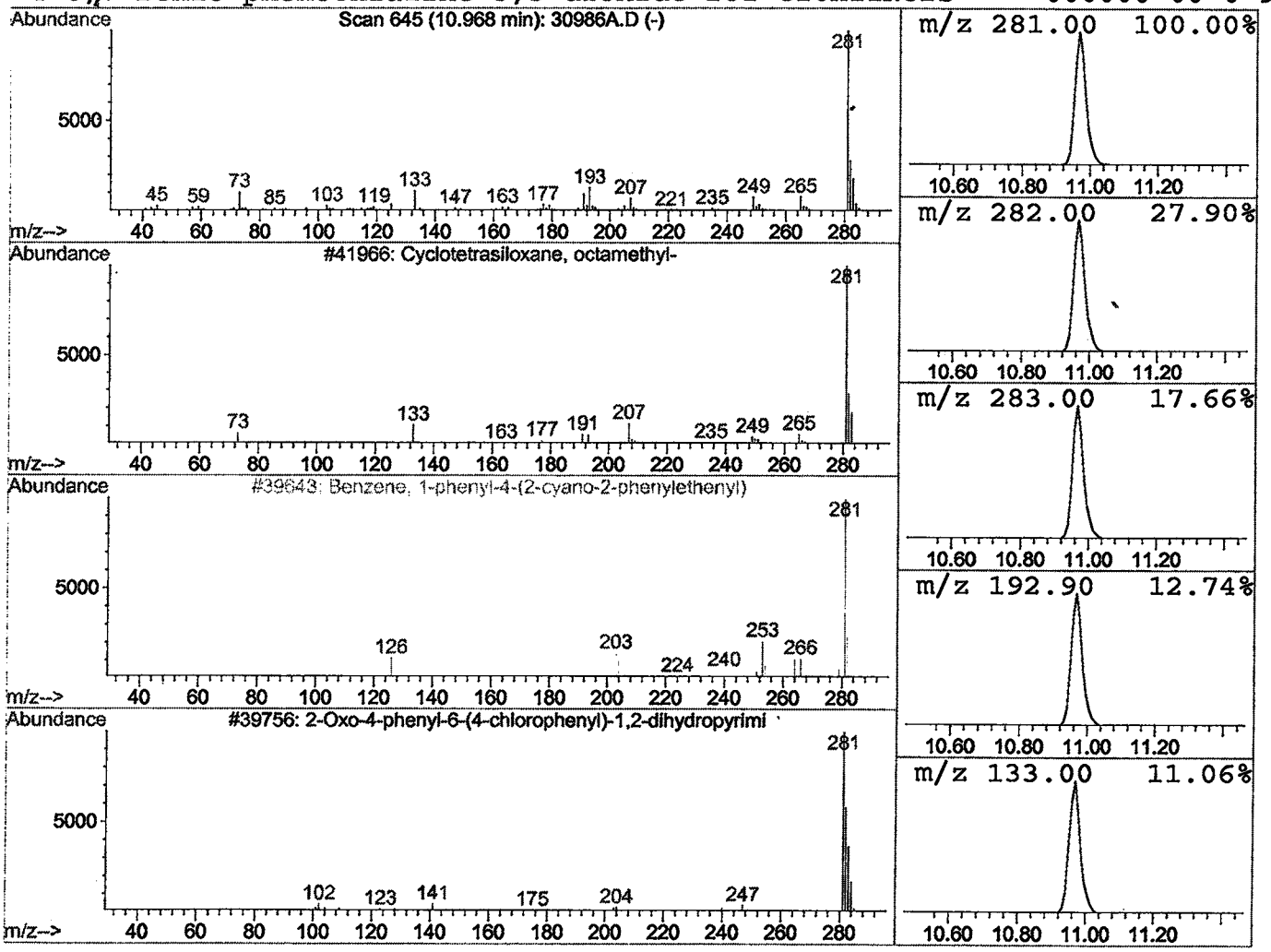
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclotetrasiloxane, octamethyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.39 ug/l	910934	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	47
3	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

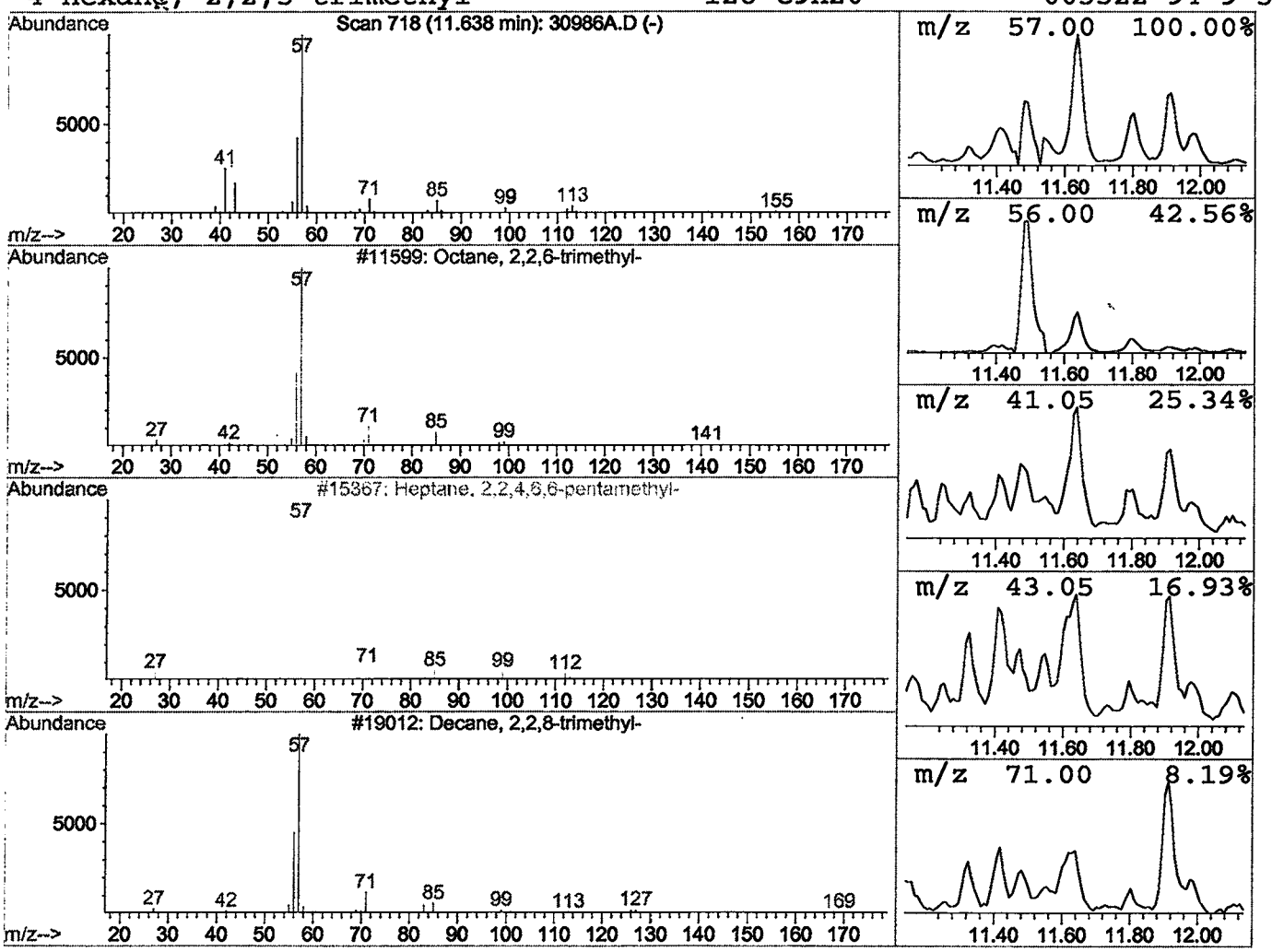
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Octane, 2,2,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	0.50 ug/l	192115	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
3	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	50
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50



Library Search Compound Report

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Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

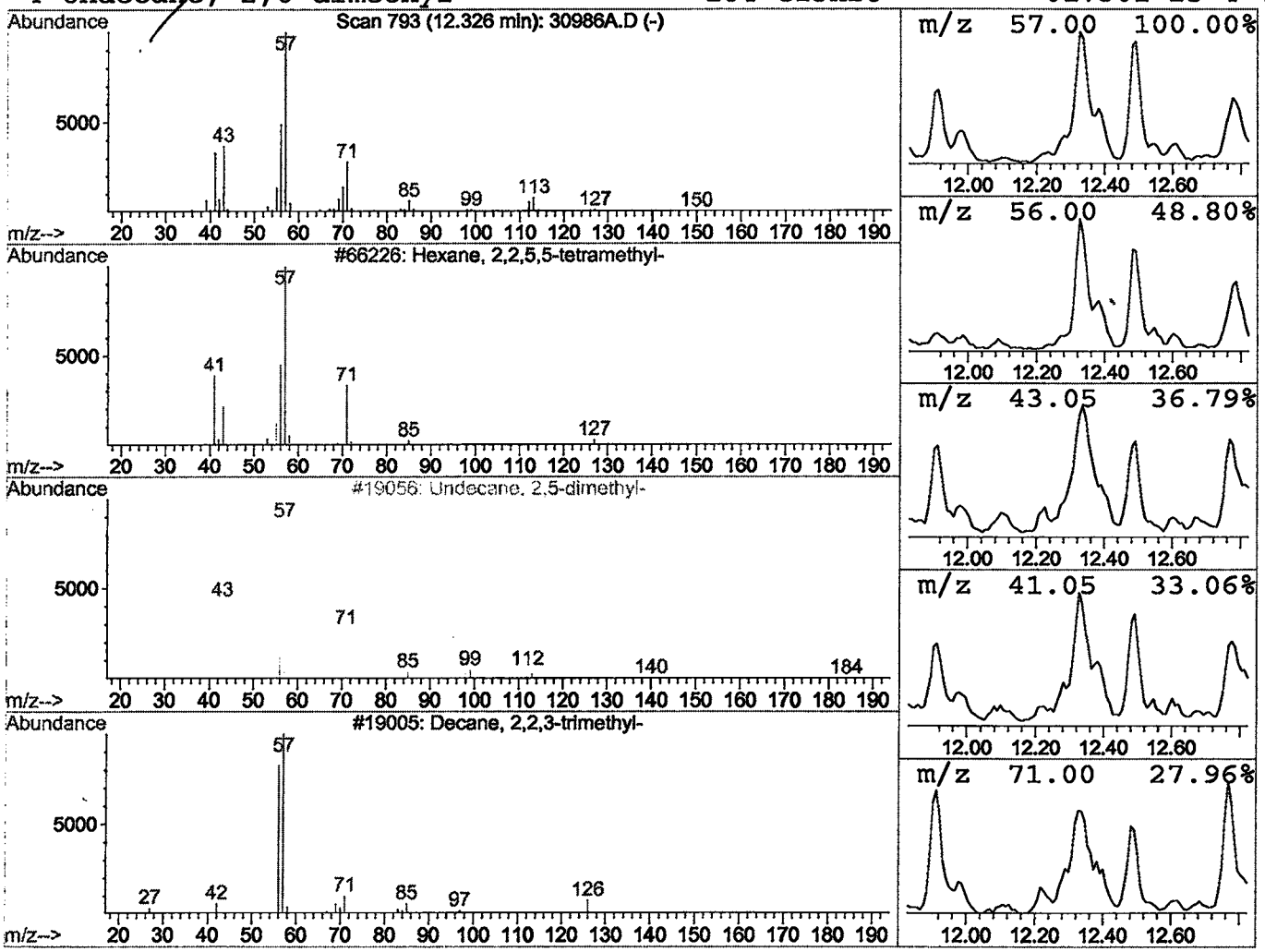
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Hexane, 2,2,5,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	0.60 ug/l	227247	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	47
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

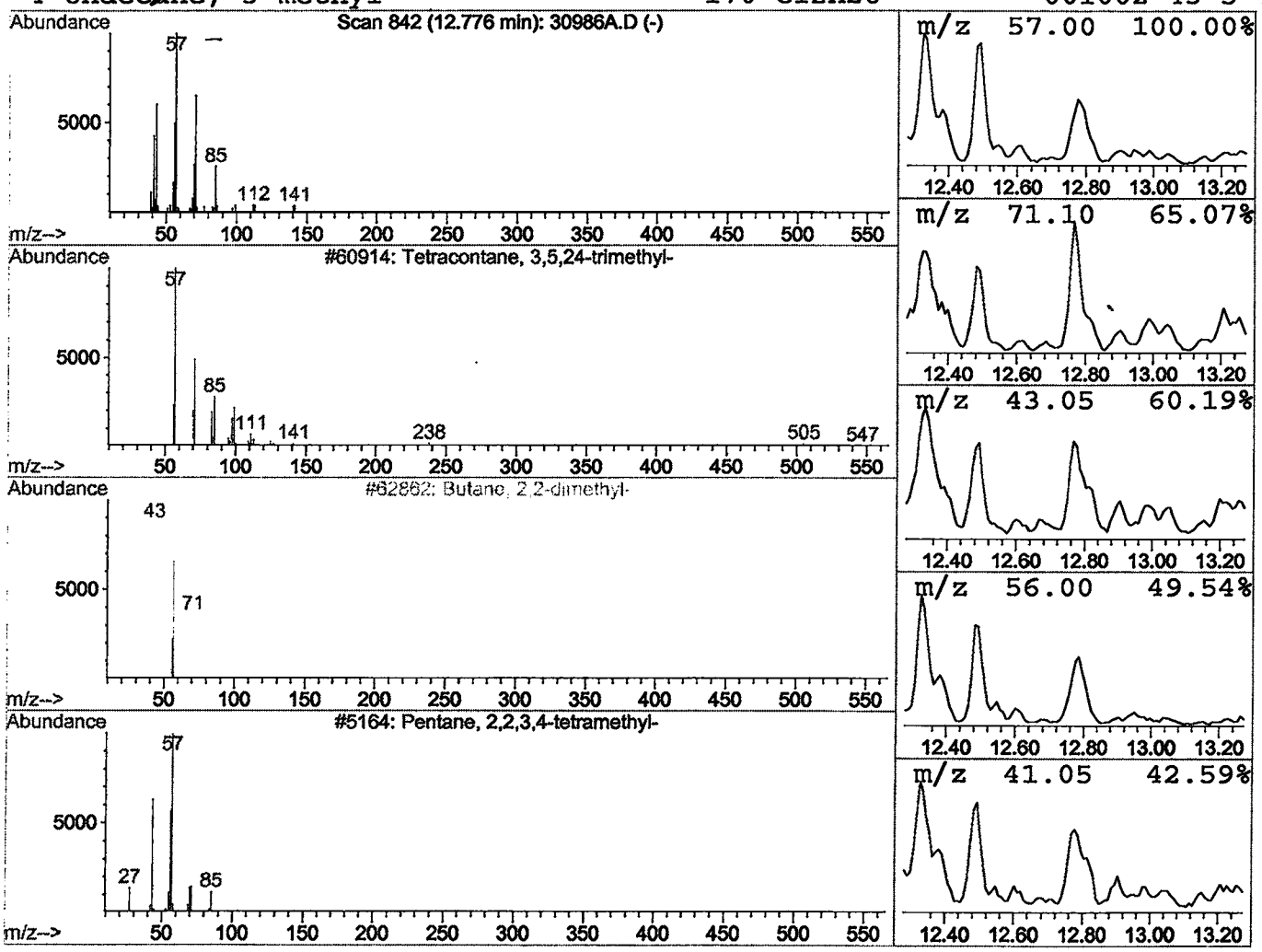
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Tetracontane, 3,5,24-trimethyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	0.46 ug/l	175809	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	50
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	43



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

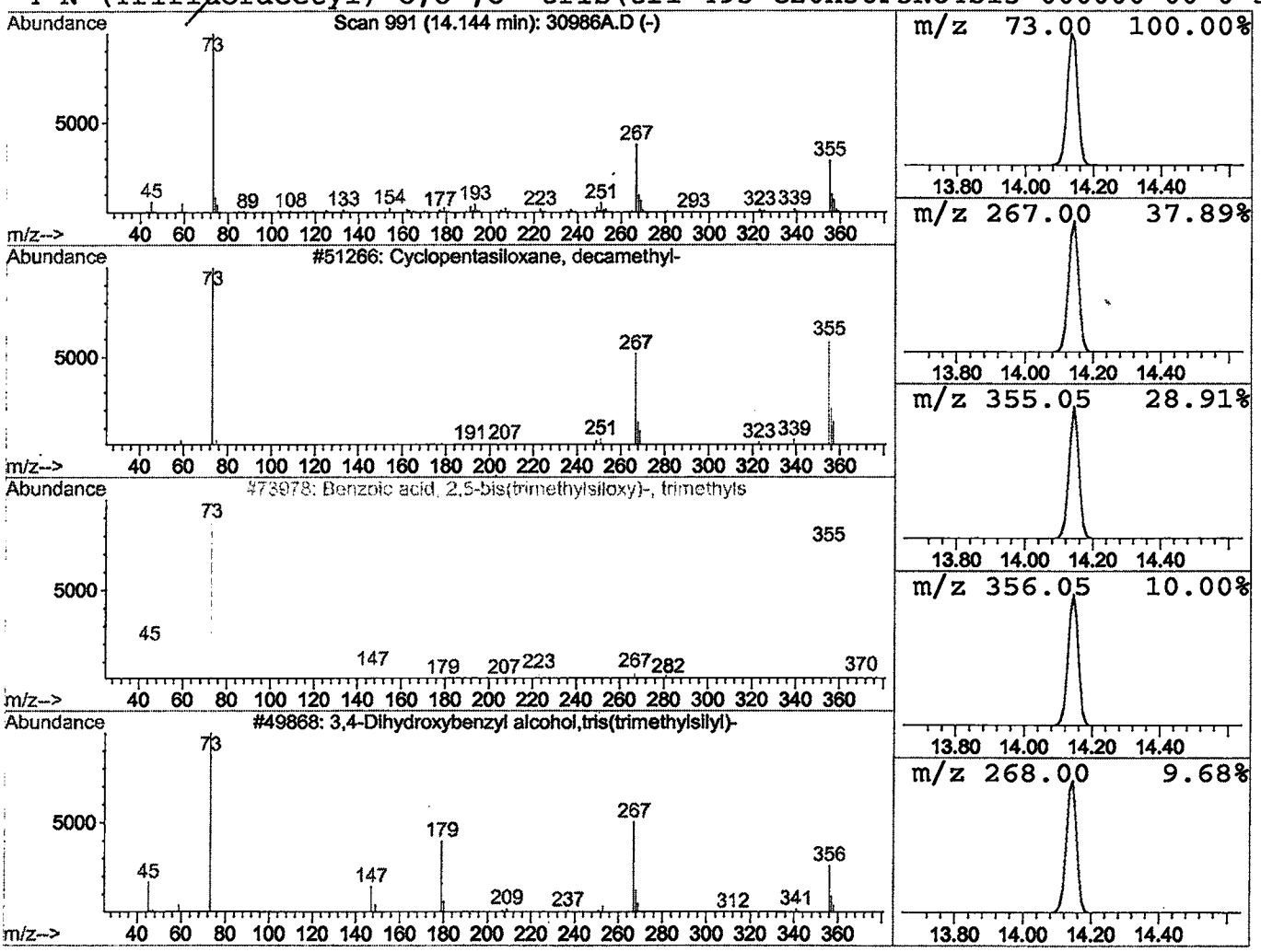
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	3.74 ug/l	1782760	Naphthalene-d8	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\30986A.D
Acq On : 18 Jan 2002 5:36 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

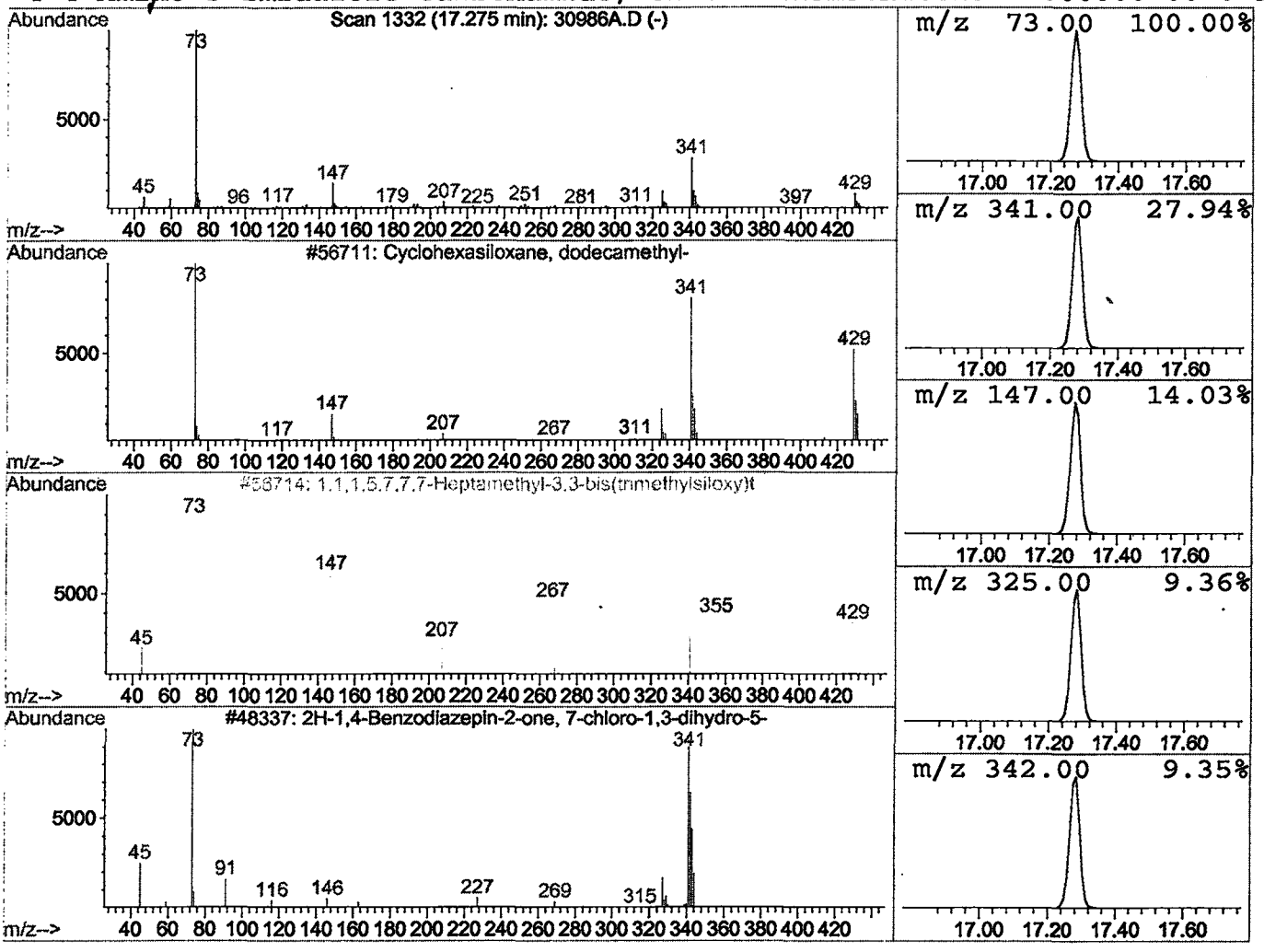
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Cyclohexasiloxane, dodecamethy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	5.93 ug/l	2825360	Naphthalene-d8	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	36
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	27
3	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	12
4	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	9



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

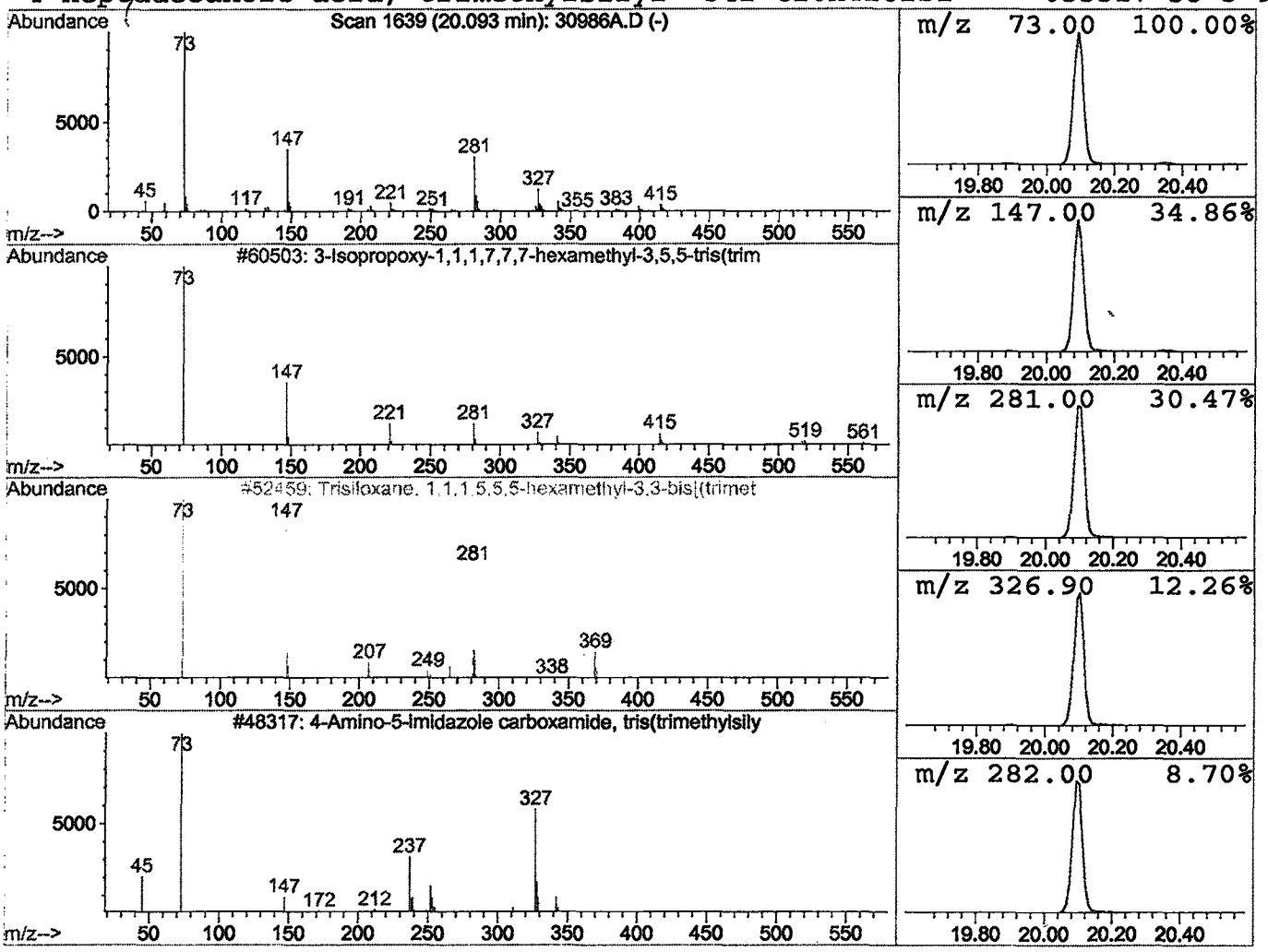
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	4.23 ug/l	2129950	Acenaphthene-d10	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	45
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	37
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	16
4	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	9



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm
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Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

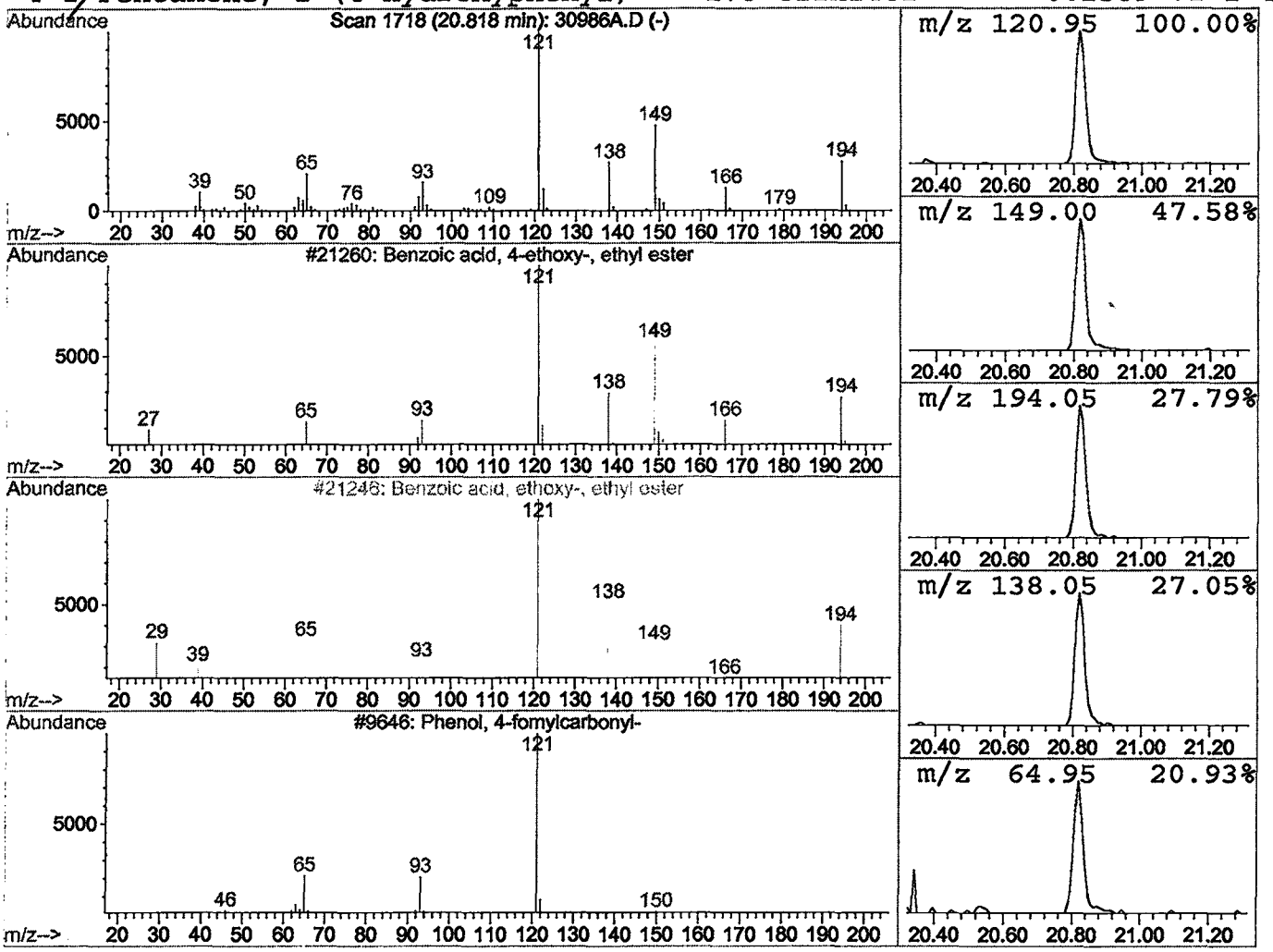
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 11 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	0.58 ug/l	294085	Acenaphthene-d10	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	96
2	Benzoic acid, ethoxy-, ethyl ester	194	C11H14O3	075333-22-1	43
3	Phenol, 4-fomylcarbonyl-	150	C8H6O3	000000-00-0	43
4	1-Pentanone, 1-(4-hydroxyphenyl)-	178	C11H14O2	002589-71-1	43



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Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

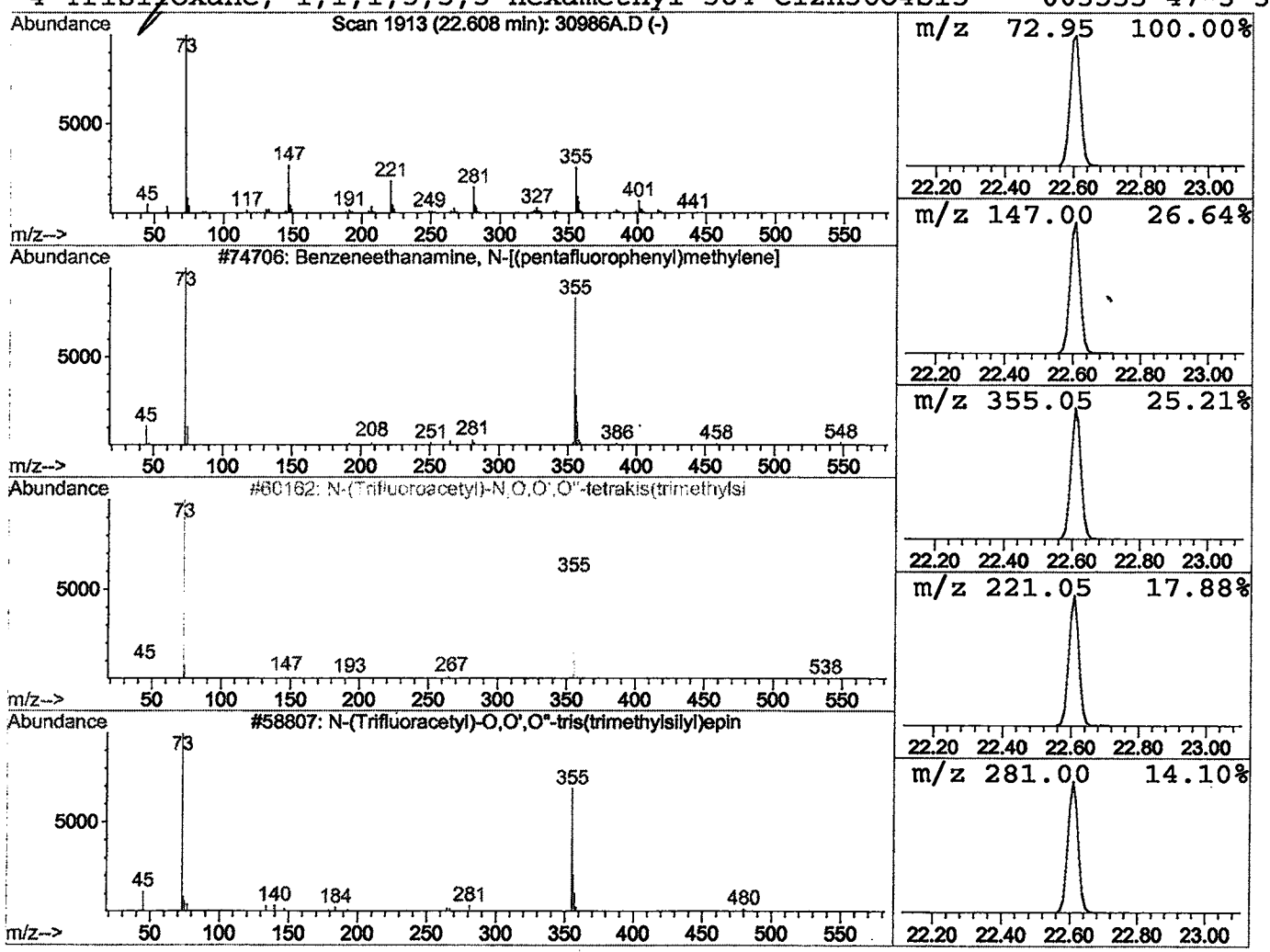
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 12 Benzeneethanamine, N-[(pentafl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	2.70 ug/l	1440780	Phenanthrene-d10	24.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	43
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
3	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	37
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	37



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Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

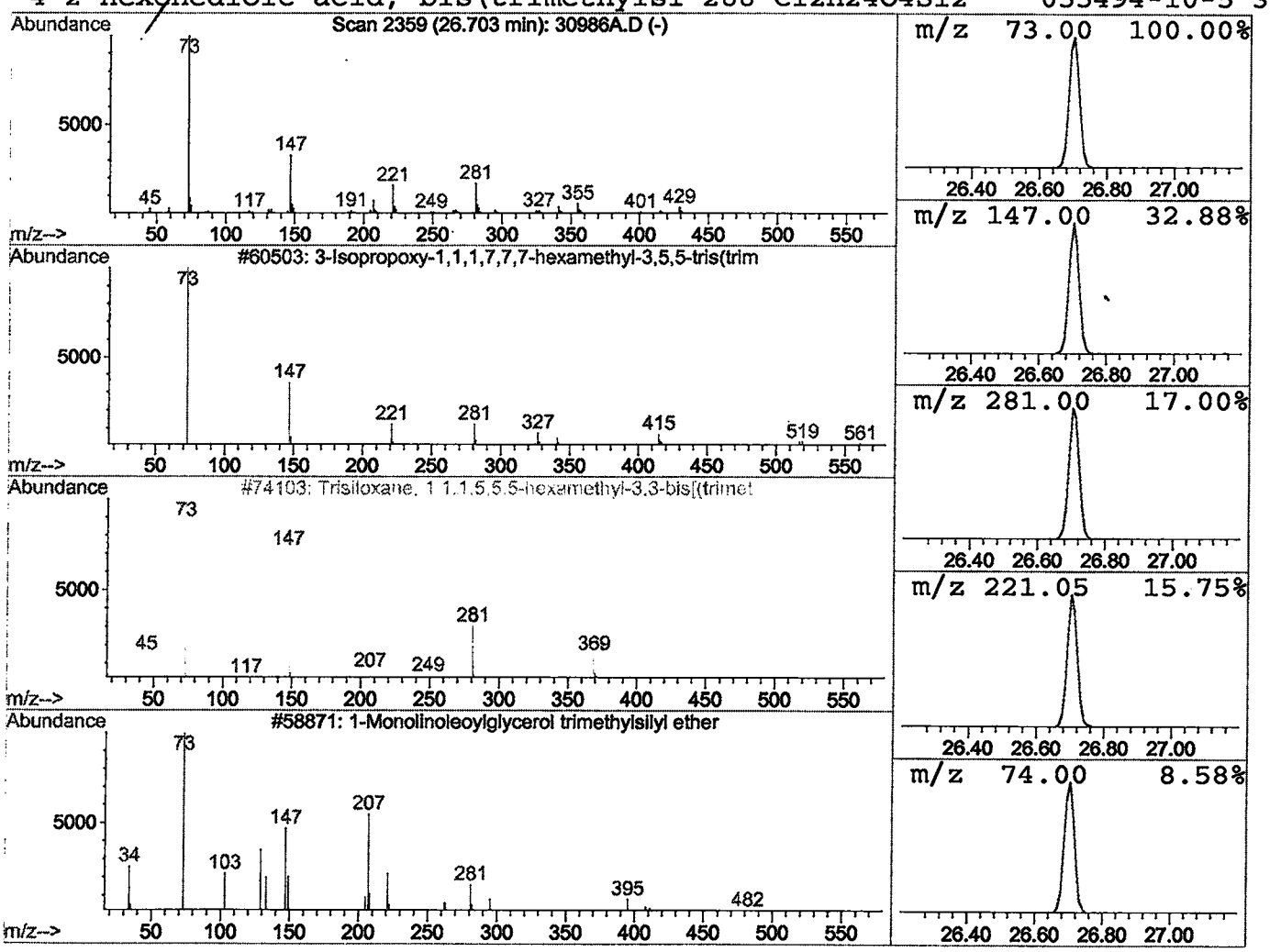
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 13 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	1.49 ug/l	796299	Phenanthrene-d10	24.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	45
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	40
3	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	38
4	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	32



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

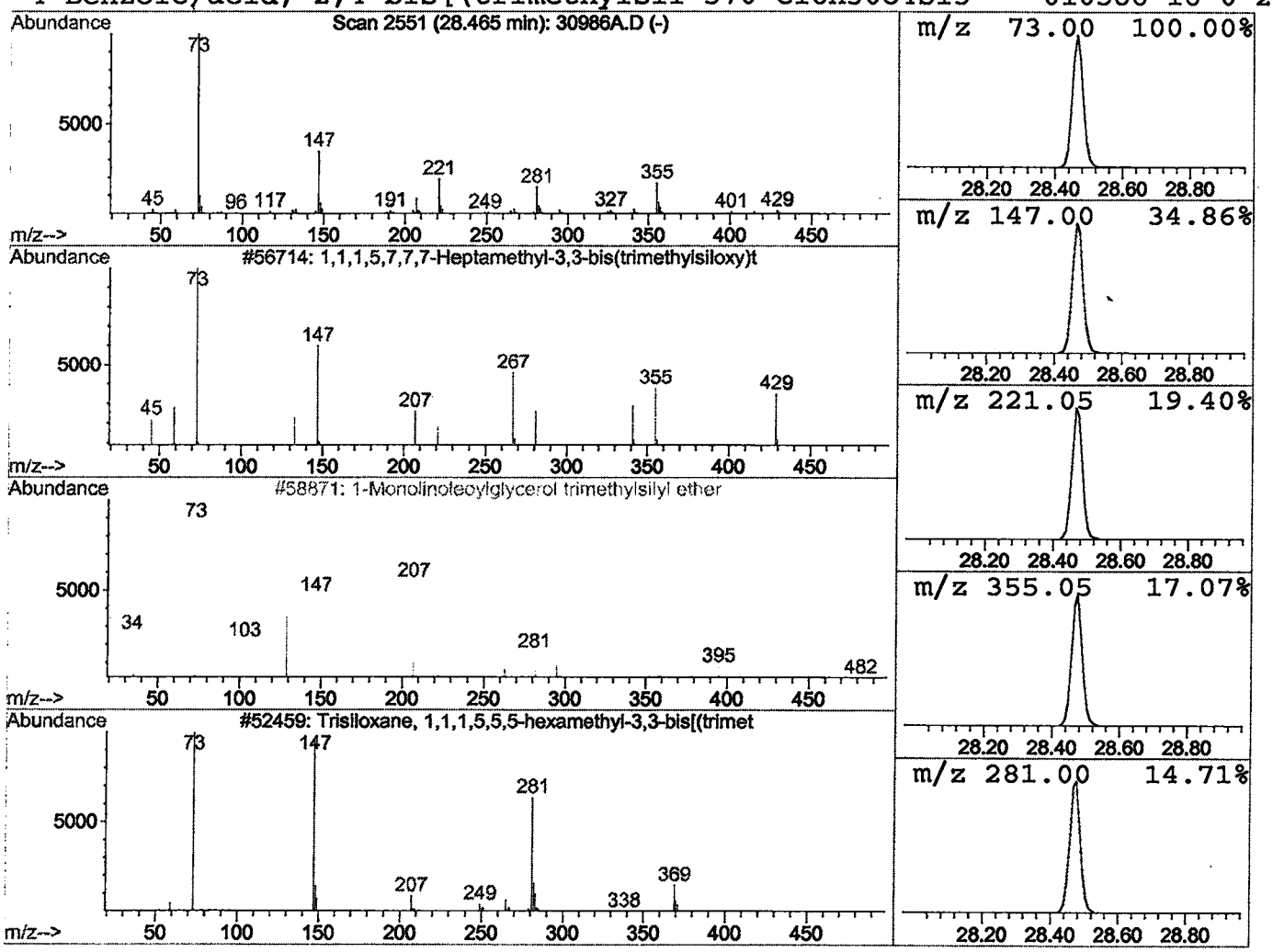
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 14 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.47	1.27 ug/l	679000	Phenanthrene-d10	24.78

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	36
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	36
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	32
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	25



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

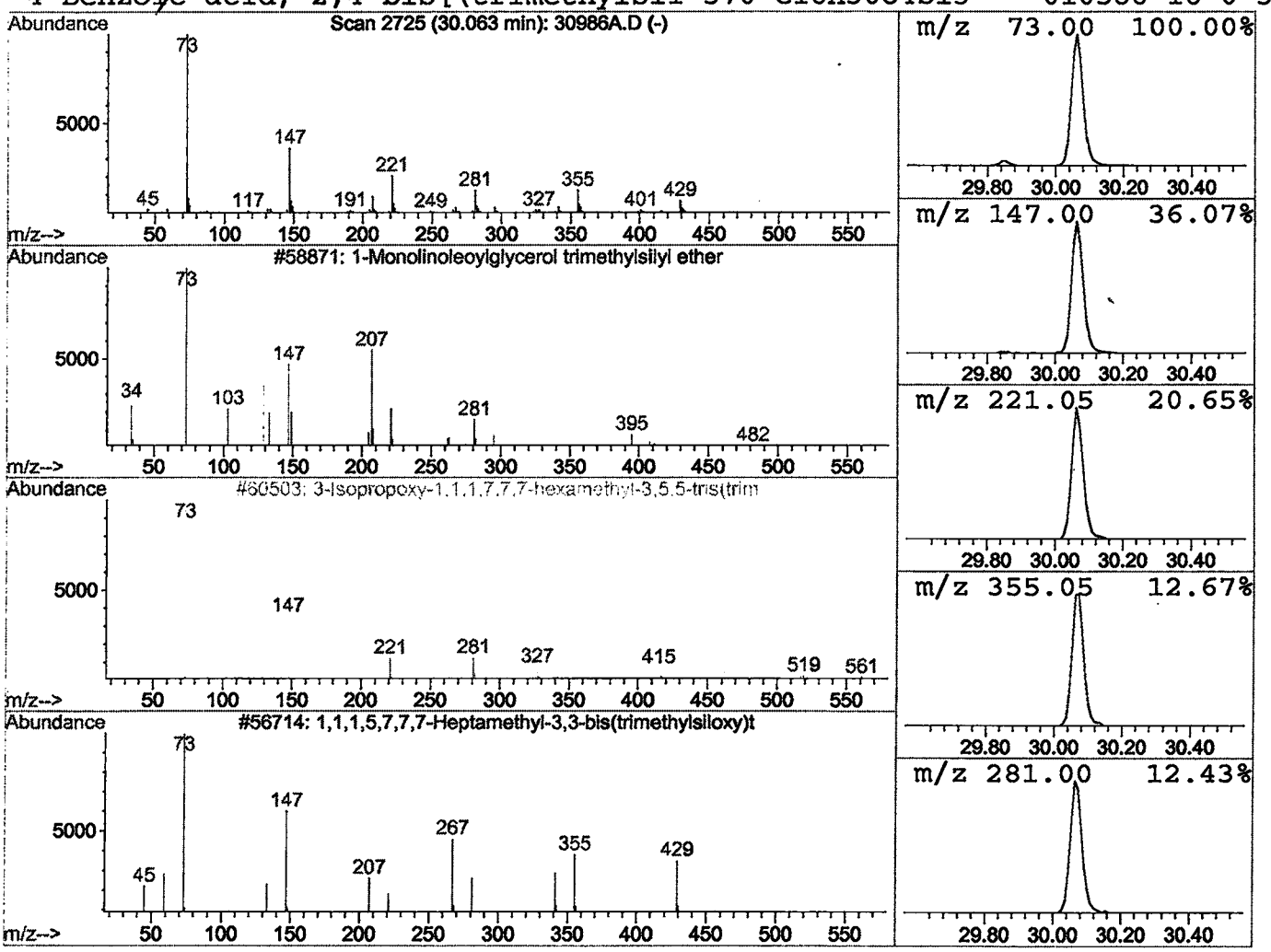
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 15 1-Monolinoleoylglycerol trimet Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.06	1.72 ug/l	665348	Chrysene-d12	32.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	42
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	33
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	30



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\30986A.D
Acq On : 18 Jan 2002 5:36 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

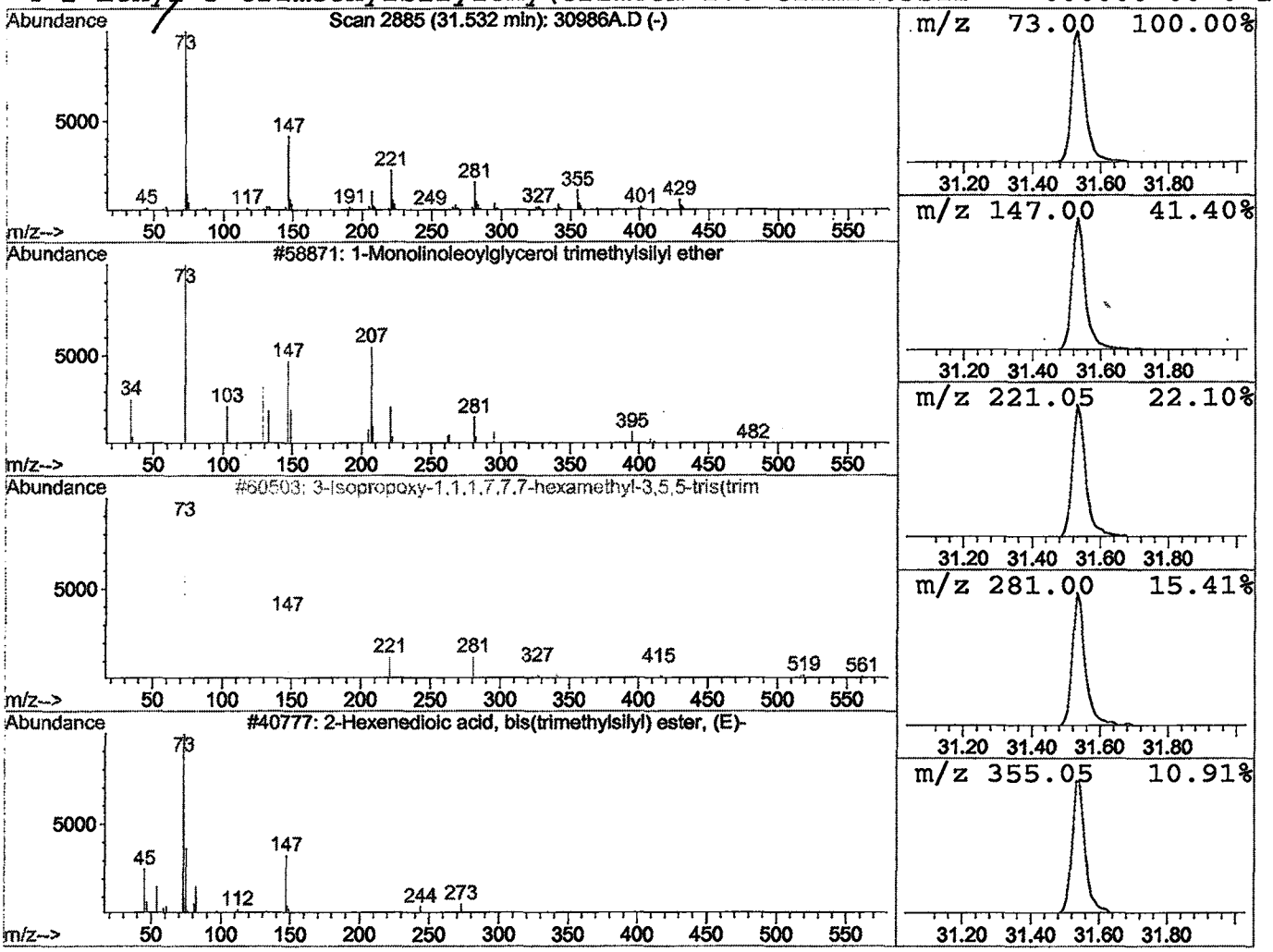
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 16 1-Monolinoleoylglycerol trimet Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.53	1.65 ug/l	639635	Chrysene-d12	32.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	45
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	30
3	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	23
4	2-Ethyl-3-trimethylsilyloxy(trimeth	276	C12H28O3Si2	000000-00-0	23



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Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

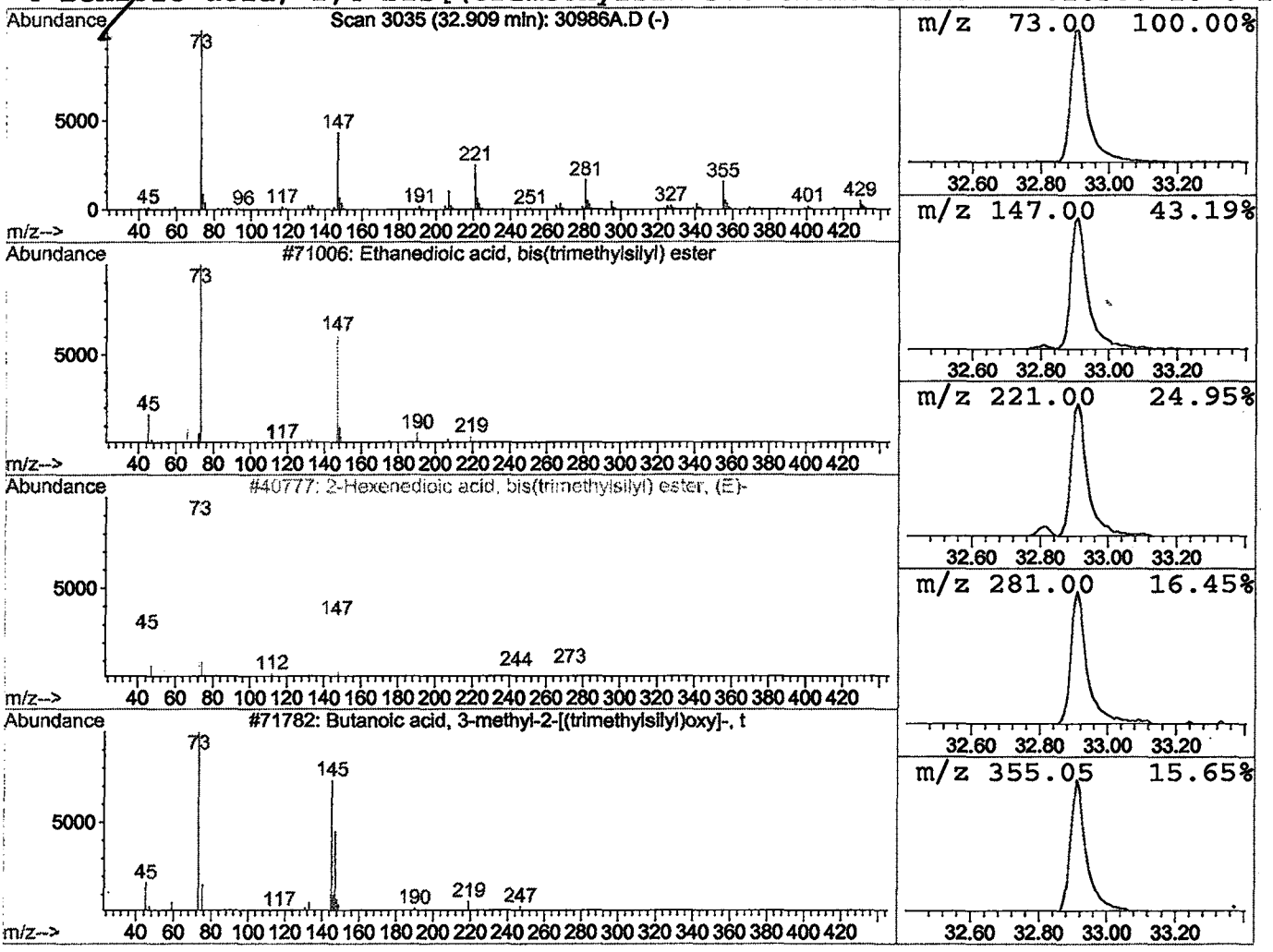
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 17 Ethanedioic acid, bis(trimethy Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.91	2.09 ug/l	808955	Chrysene-d12	32.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
2	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	23
3	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	23
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	22



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Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

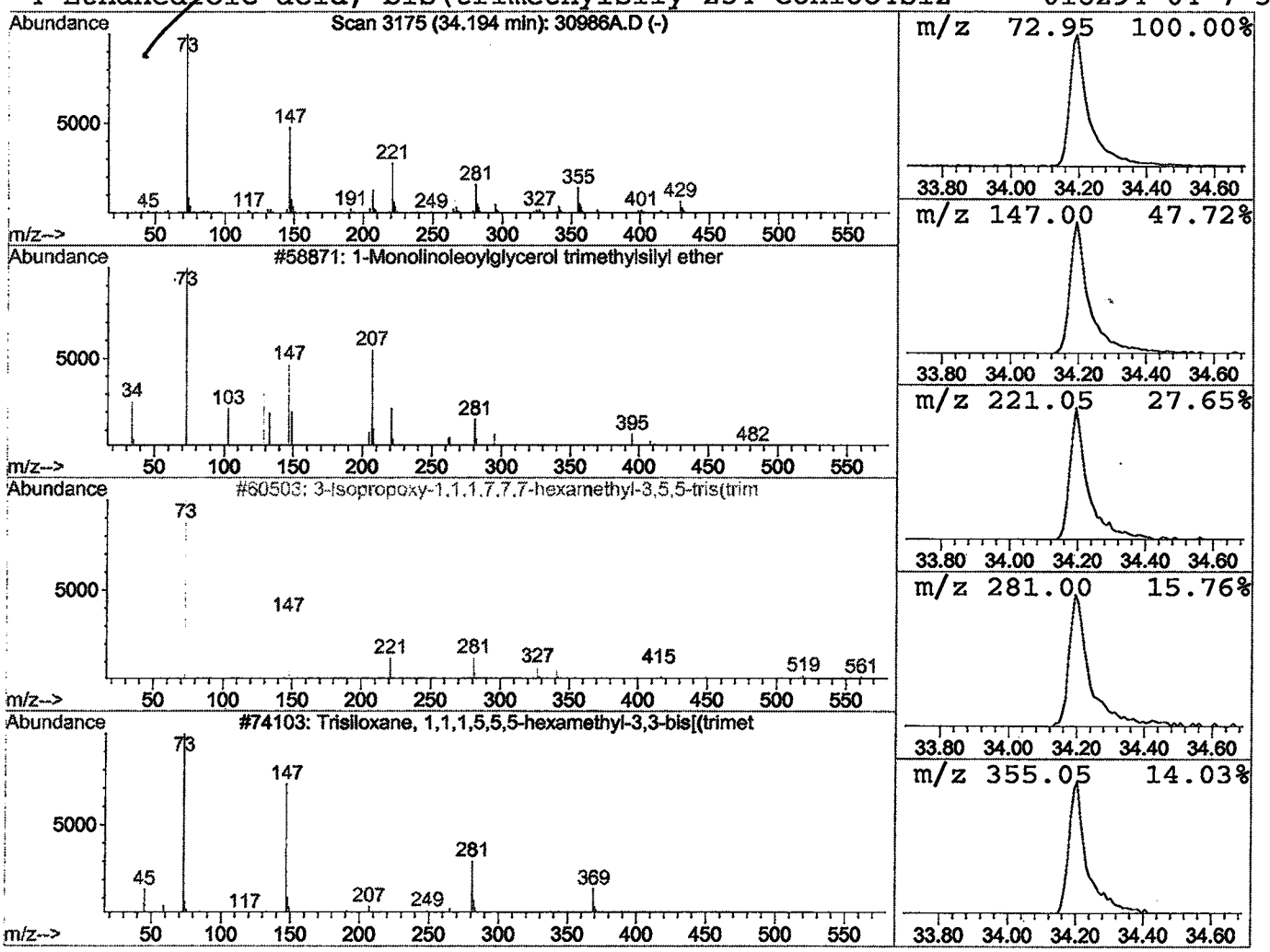
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 18 1-Monolinoleoylglycerol trimet Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.19	1.41 ug/l	545671	Chrysene-d12	32.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	45
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	40
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	38
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32



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Acq On : 18 Jan 2002 5:36 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

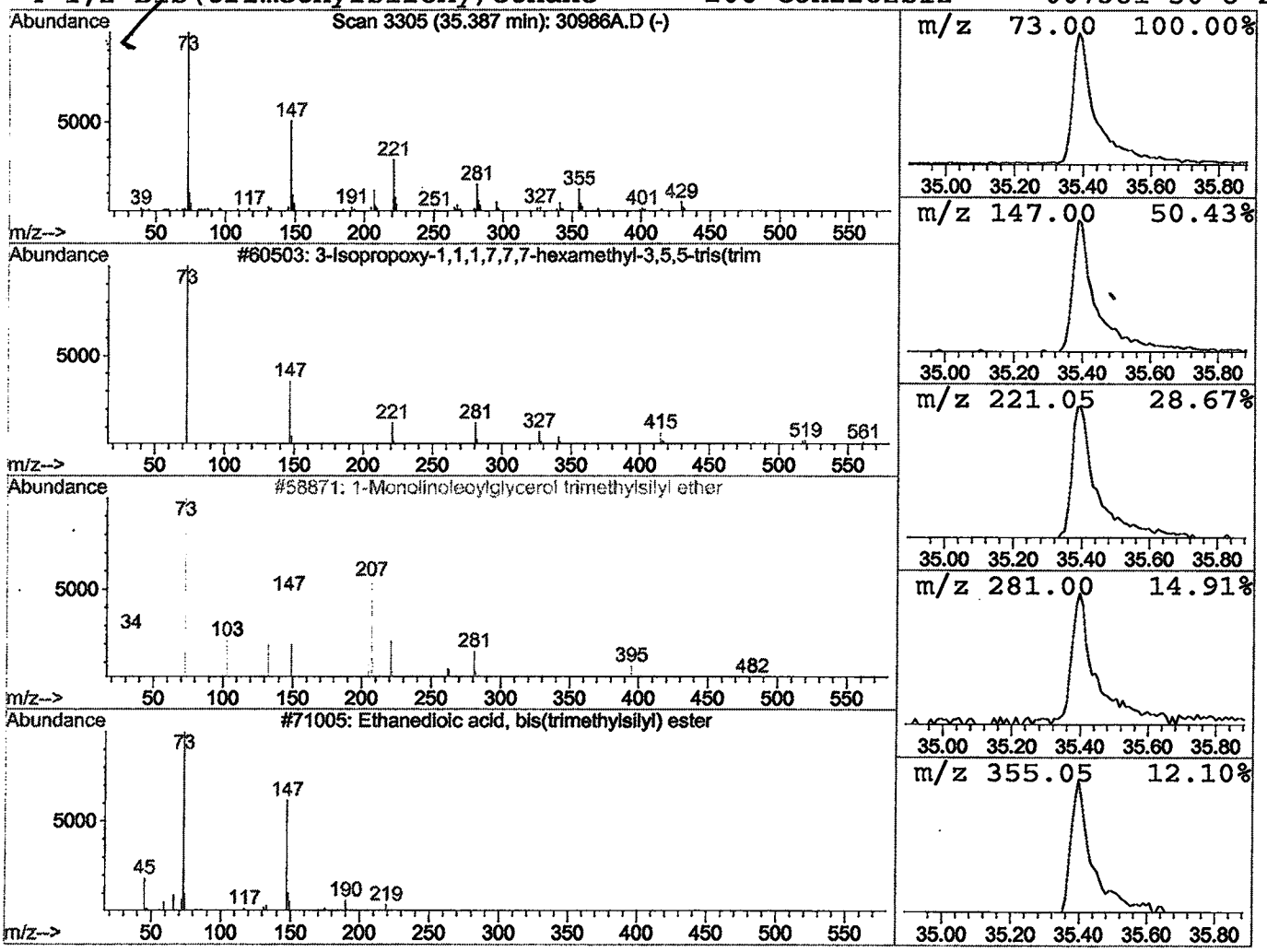
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 19 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.39	1.22 ug/l	386820	Perylene-d12	36.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	42
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	36
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
4	1,2-Bis(trimethylsiloxy)ethane	206	C8H22O2Si2	007381-30-8	23



Library Search Compound Report

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Acq On : 18 Jan 2002 5:36 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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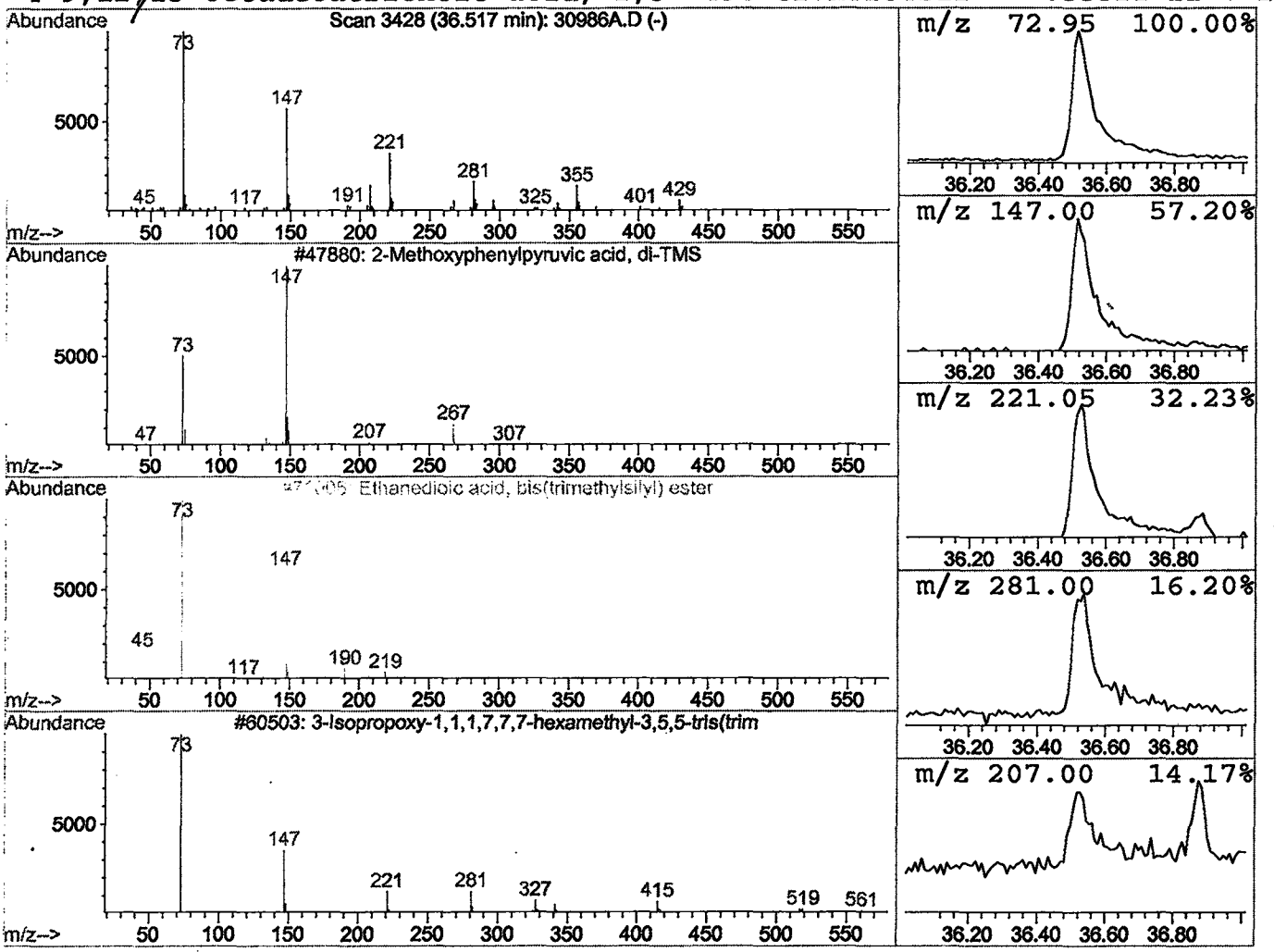
Peak Number 20 2-Methoxyphenylpyruvic acid, d Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.52	0.66 ug/l	209039	Perylene-d12	36.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxyphenylpyruvic acid, di-TMS	338	C16H26O4Si2	000000-00-0	32
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	23
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
4	9,12,15-Octadecatrienoic acid, 2,3-	496	C27H52O4Si2	055521-22-7	23



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Jan 2002 5:36 pm
Data File: C:\HPCHEM\1\DATA\JAN1802\30986A.D
Name:
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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
Heptane, 2,4-dimethy	7.01	0.4	ug/l	146813	ISTD01	11.49	7619600	20.0
Silane, tetramethyl-	7.42	3.4	ug/l	1301100	ISTD01	11.49	7619600	20.0
2,4-Dimethyl-1-hepte	7.49	1.7	ug/l	631552	ISTD01	11.49	7619600	20.0
Cyclotetrasiloxane,	10.97	2.4	ug/l	910934	ISTD01	11.49	7619600	20.0
Octane, 2,2,6-trimet	11.64	0.5	ug/l	192115	ISTD01	11.49	7619600	20.0
Hexane, 2,2,5,5-tetr	12.33	0.6	ug/l	227247	ISTD01	11.49	7619600	20.0
Tetracontane, 3,5,24	12.78	0.5	ug/l	175809	ISTD01	11.49	7619600	20.0
Cyclopentasiloxane,	14.14	3.7	ug/l	1782760	ISTD02	15.09	9532350	20.0
Cyclohexasiloxane, d	17.27	5.9	ug/l	2825360	ISTD02	15.09	9532350	20.0
3-Isopropoxy-1,1,1,7	20.09	4.2	ug/l	2129950	ISTD03	20.36	10069800	20.0
Benzoic acid, 4-etho	20.82	0.6	ug/l	294085	ISTD03	20.36	10069800	20.0
Benzeneethanamine, N	22.61	2.7	ug/l	1440780	ISTD04	24.78	10664500	20.0
3-Isopropoxy-1,1,1,7	26.70	1.5	ug/l	796299	ISTD04	24.78	10664500	20.0
1,1,1,5,7,7,7-Heptam	28.47	1.3	ug/l	679000	ISTD04	24.78	10664500	20.0
1-Monolinoleoylglyce	30.06	1.7	ug/l	665348	ISTD05	32.81	7747660	20.0
1-Monolinoleoylglyce	31.53	1.7	ug/l	639635	ISTD05	32.81	7747660	20.0
Ethanedioic acid, bi	32.91	2.1	ug/l	808955	ISTD05	32.81	7747660	20.0
1-Monolinoleoylglyce	34.19	1.4	ug/l	545671	ISTD05	32.81	7747660	20.0
3-Isopropoxy-1,1,1,7	35.39	1.2	ug/l	386820	ISTD06	36.87	6329060	20.0
2-Methoxyphenylpyruv	36.52	0.7	ug/l	209039	ISTD06	36.87	6329060	20.0

30986A.D GCMS1126.M Tue Jan 22 10:18:55 2002