Comments for Sample AD31074 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:29:58

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:30:00

Sample: AD31074
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:28 Ended: 1/18/02 17:28 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\31074.D Vial: 12
Acq On : 9 Jan 2002 12:04 am Operator: 209 GALOS
Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 10:16 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	11.52	152	842441	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	3231484	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1592945	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2353395	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1419820	20.00	ug/l	0.00
44) Perylene-d12	36.91	264	816425	20.00	ug/l	0.01
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	127824	4.73	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 94.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.12	74	314	N.D.		
3) bis(2-Chloroethyl)ether	11.00	93	1488	N.D.		
4) 1,3-Dichlorobenzene	11.45	146	785	N.D.		
5) 1,4-Dichlorobenzene	11.58	146	1177	N.D.		
6) 1,2-Dichlorobenzene	12.09	146	905	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.	d	
9) Hexachloroethane	12.92	117	130	N.D.		
11) Nitrobenzene	13.29	77	676	N.D.		
12) Isophorone	13.89	82	1090	N.D.		
13) bis(2-Chloroethoxy)methane	14.57	93	810	N.D.		
14) 1,2,4-Trichlorobenzene	15.03	180	880	N.D.		
15) Naphthalene	15.19	128	4401	N.D.		
16) Hexachlorobutadiene	15.74	225	206	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.69	162	1390	N.D.		
20) Dimethylphthalate	19.78	163	1523	N.D.		
21) 2,6-Dinitrotoluene	20.13	165	444	N.D.		
22) Acenaphthylene	19.94	152	1320	N.D.		
23) Acenaphthene	20.48	153	1622	N.D.		
24) 2,4-Dinitrotoluene	20.84	165	814	N.D.		
25) Diethylphthalate	21.91	149	2251	N.D.		
26) 4-Chlorophenyl-phenylether	22.04	204	219	N.D.		
27) Fluorene	22.01	166	1061	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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Response via : Initial Calibration
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	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	23.91	284	259	N.D.	
33)	Phenanthrene	24.87	178	2047	N.D.	
34)	Anthracene	25.02	178	1021	N.D.	
35)	Di-n-butylphthalate	26.83	149	6252	N.D.	
36)	Fluoranthene	28.50	202	1898	N.D.	
39)	Pyrene	29.16	202	1736	N.D.	
40)	Butylbenzylphthalate	31.56	149	4259	N.D.	
41)	Benzo(a)anthracene	32.84	228	4604	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	4386	N.D.	
43)	Chrysene	32.91	228	1642	N.D.	
45)	Di-n-Octylphthalate	34.87	149	414	N.D.	
46)	Benzo(b)fluoranthene	35.89	252	1094	N.D.	
47)	Benzo(k)fluoranthene	35.94	252	479	N.D.	
48)	Benzo(a)pyrene	36.90	252	3523	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.	

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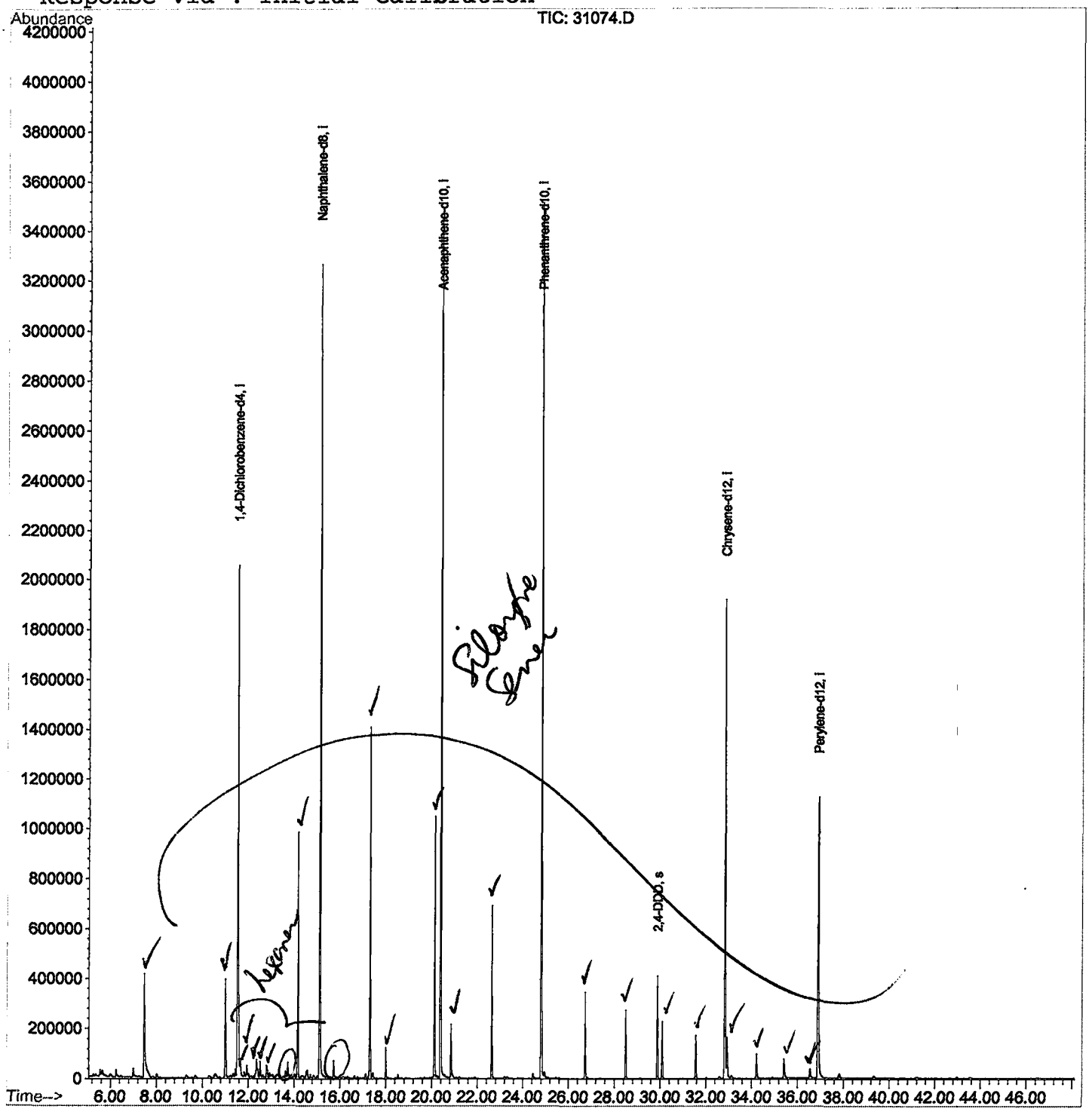


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31074.D Vial: 12
Acq On : 9 Jan 2002 12:04 am Operator: 209 GALOS
Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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	6.235	127	130	139	rBV2	29011	78749	1.03%	0.155%
2	6.997	208	213	225	rBV2	35084	98825	1.30%	0.194%
3	7.465	260	264	296	rBV	413998	1379333	18.08%	2.708%
4	10.999	643	649	662	rBV	394005	961287	12.60%	1.887%
5	11.523	701	706	718	rVV	2049692	5295227	69.42%	10.396%
6	11.660	718	721	729	rVB	61243	156490	2.05%	0.307%
7	11.936	745	751	756	rVV	46192	121520	1.59%	0.239%
8	12.358	788	797	802	rBV	70099	232373	3.05%	0.456%
9	12.514	809	814	820	rBV	62361	141592	1.86%	0.278%
10	12.799	840	845	855	rBV4	48881	182090	2.39%	0.358%
11	13.726	942	946	950	rBV	56601	117257	1.54%	0.230%
12	14.166	989	994	1000	rVB	979878	1925001	25.24%	3.779%
13	15.121	1093	1098	1110	rBV	3263216	6619681	86.78%	12.997%
14	15.727	1160	1164	1175	rBV	68916	157009	2.06%	0.308%
15	17.306	1326	1336	1344	rBV	1406818	2870725	37.63%	5.636%
16	17.444	1344	1351	1361	rVB6	22058	77581	1.02%	0.152%
17	18.004	1406	1412	1417	rBV	123442	224918	2.95%	0.442%
18	20.124	1638	1643	1651	rBV	1041131	2038517	26.72%	4.002%
19	20.391	1666	1672	1689	rBV	3444623	7081761	92.84%	13.904%
20	20.850	1716	1722	1742	rVB	213421	486406	6.38%	0.955%
21	22.640	1910	1917	1927	rBV	692451	1372478	17.99%	2.695%
22	24.806	2146	2153	2166	rBV2	3512971	7628296	100.00%	14.977%
23	26.734	2356	2363	2369	rBV	344930	707273	9.27%	1.389%
24	28.497	2547	2555	2562	rBV	272834	564114	7.40%	1.108%
25	29.883	2700	2706	2712	rBV	410033	810106	10.62%	1.591%
26	30.094	2721	2729	2736	rBV	226723	488807	6.41%	0.960%
27	31.563	2883	2889	2900	rVB	172148	414248	5.43%	0.813%
28	32.839	3021	3028	3034	rBV2	1915079	4524917	59.32%	8.884%

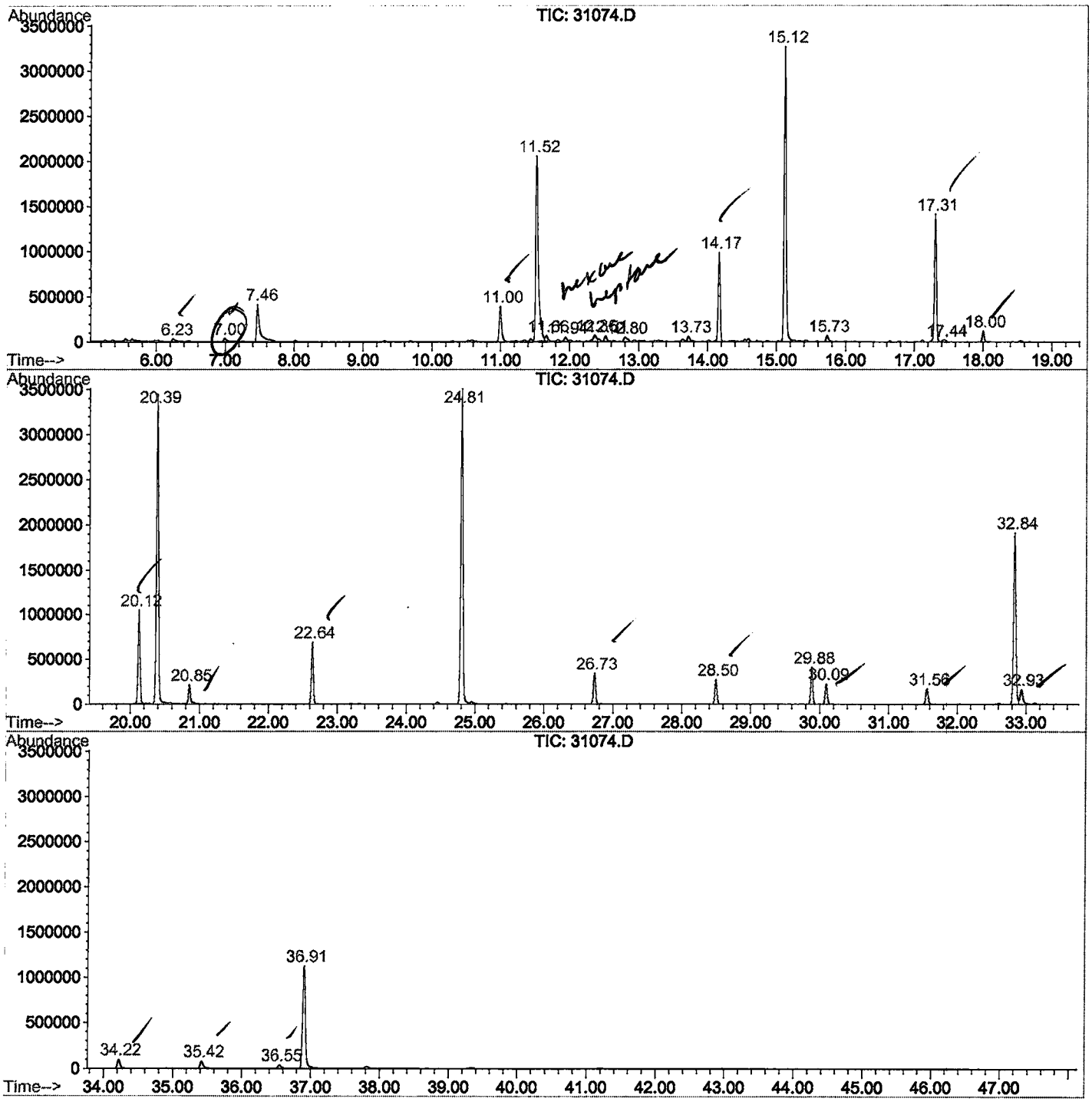
29	32.931	3034	3038	3049	rVV	163312	463998	6.08%	0.911%
30	34.216	3171	3178	3191	rBV	97920	287625	3.77%	0.565%
31	35.419	3303	3309	3323	rBV	77864	244149	3.20%	0.479%
32	36.548	3426	3432	3444	rBV2	35679	120661	1.58%	0.237%
33	36.906	3463	3471	3489	rBV	1120315	3060531	40.12%	6.009%

Sum of corrected areas: 50933545

31074.D GCMS0103.M Wed Jan 09 12:23:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0802\31074.D
Operator : 209 GALOS
Acquired : 9 Jan 2002 12:04 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/20
Misc Info :
Vial Number: 12
Quant File :GCMS0103.RES (RTE Integrator)



31074.D GCMS0103.M Wed Jan 09 12:24:06 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31074.D
Acq On : 9 Jan 2002 12:04 am
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

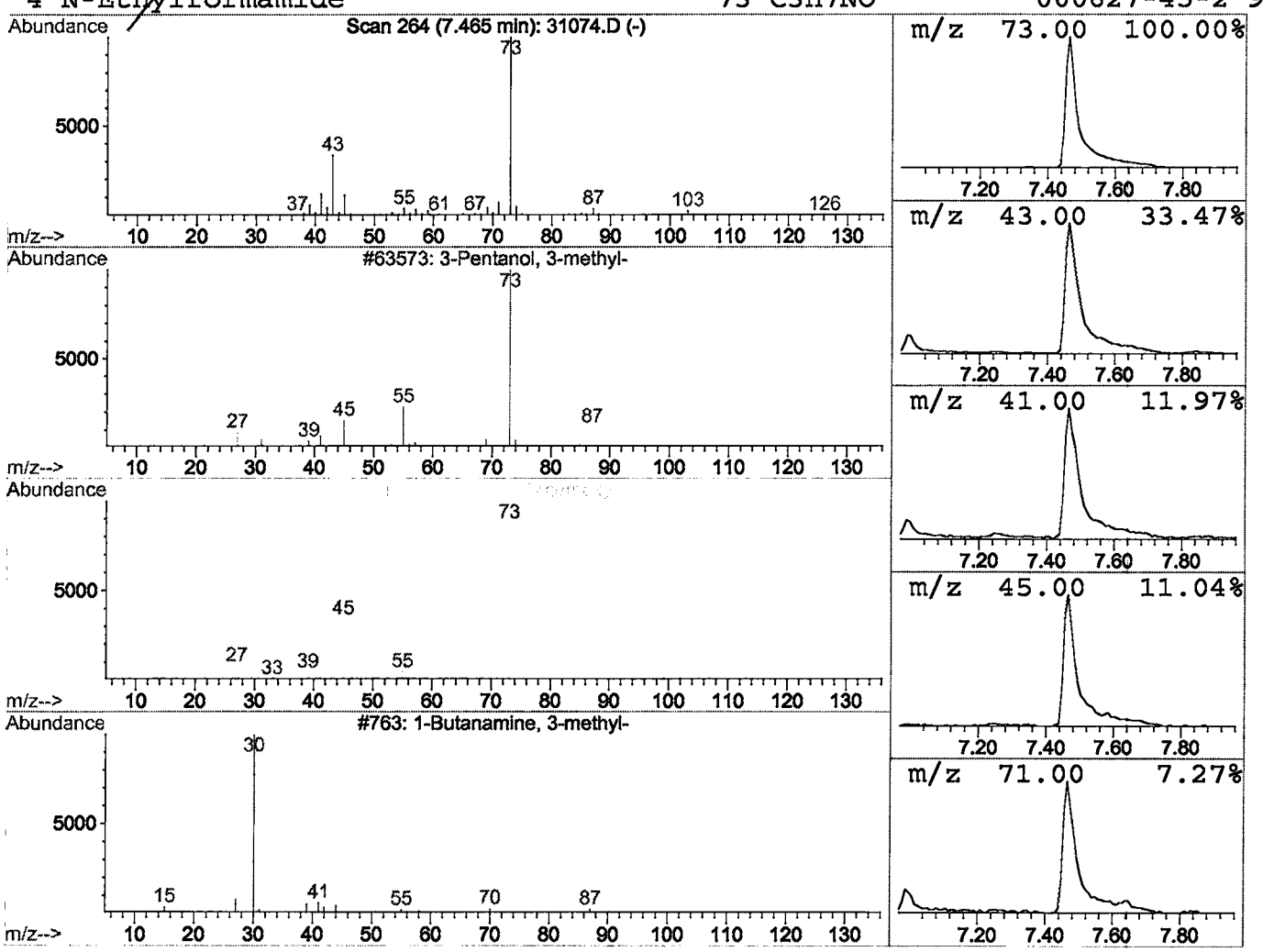
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	5.21 ug/l	1379330	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31074.D
Acq On : 9 Jan 2002 12:04 am
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

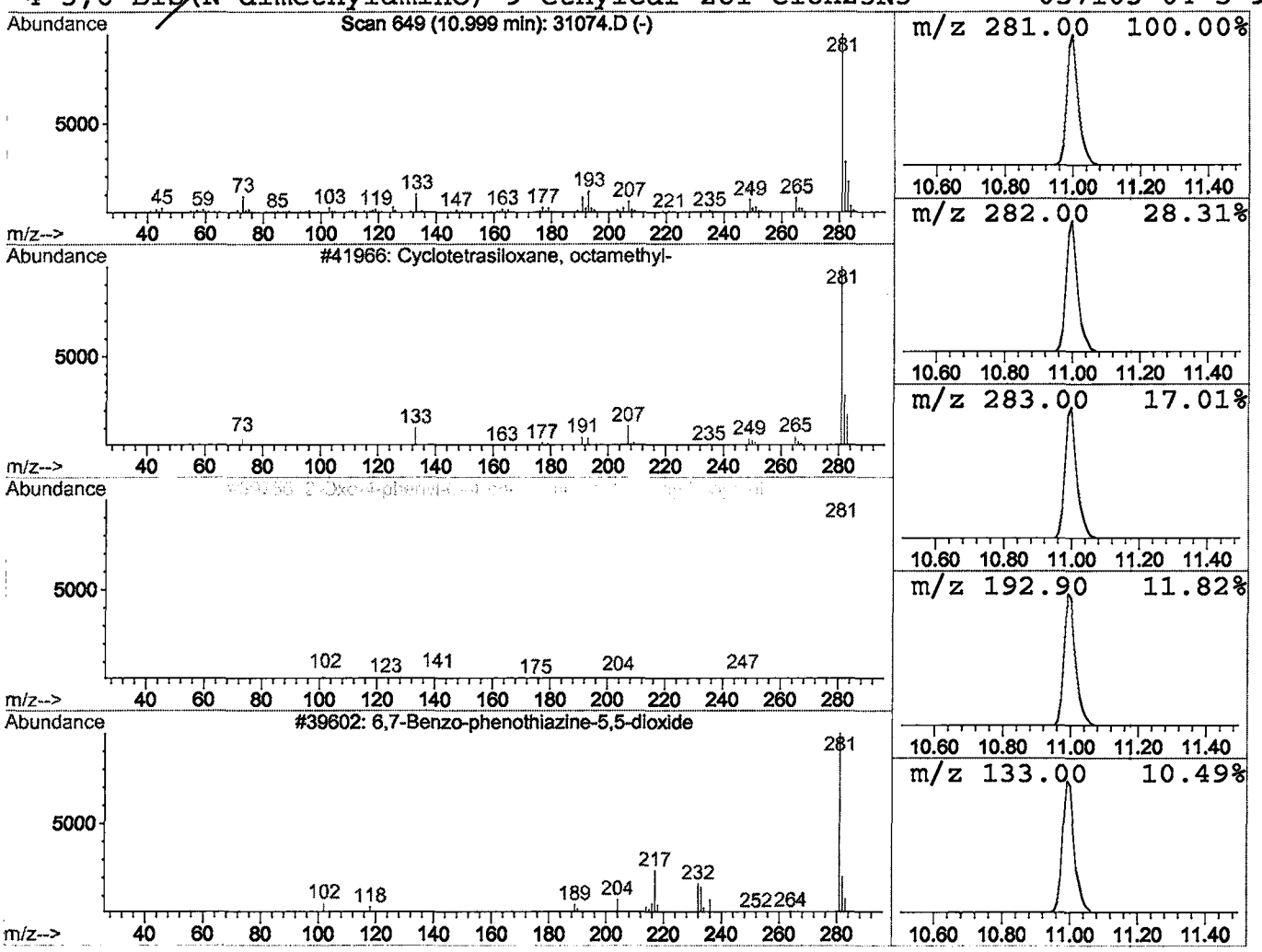
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.63 ug/l	961287	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
4	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9



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Vial: 12
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Multiplr: 1.00

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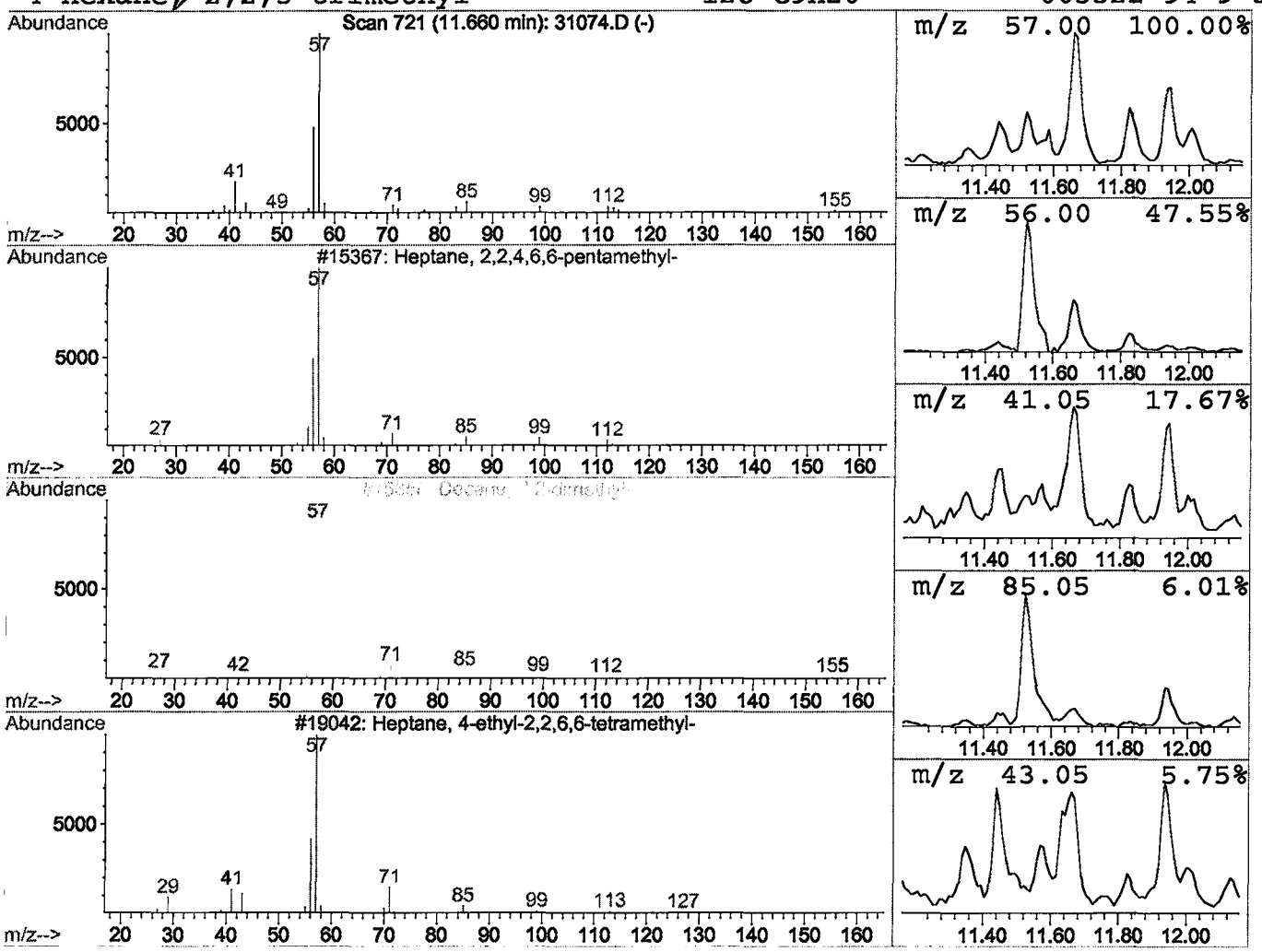
****

Peak Number 3 Heptane, 2,2,4,6,6-pentamethyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	0.59 ug/l	156490	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	40
2	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	39
3	Heptane, 4-ethyl-2,2,6,6-tetramethy	184	C13H28	062108-31-0	39
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	38



Library Search Compound Report

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Acq On : 9 Jan 2002 12:04 am
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

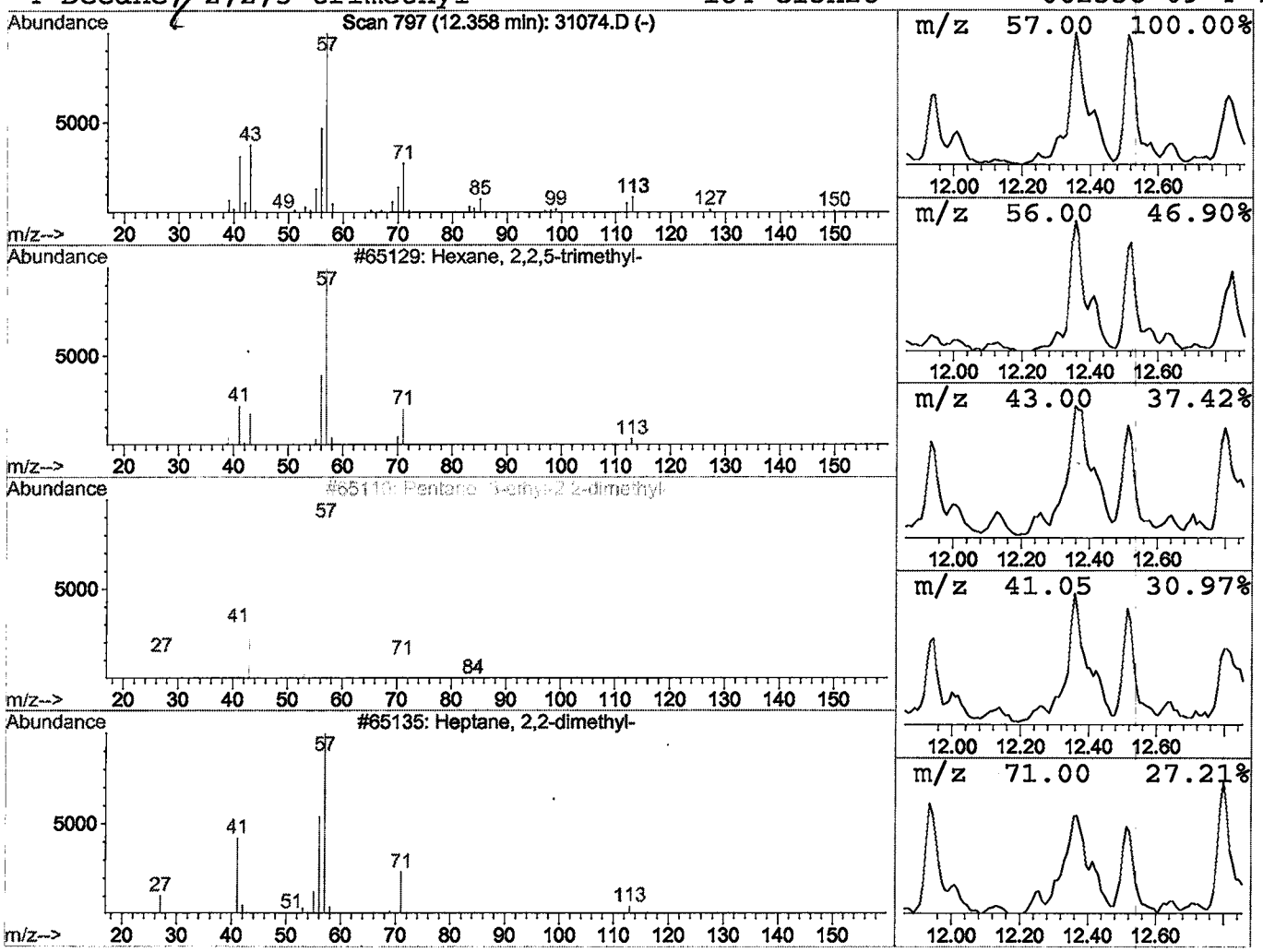
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Hexane, 2,2,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	0.88 ug/l	232373	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
4	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	47



Library Search Compound Report

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Acq On : 9 Jan 2002 12:04 am Operator: 209 GALOS
Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
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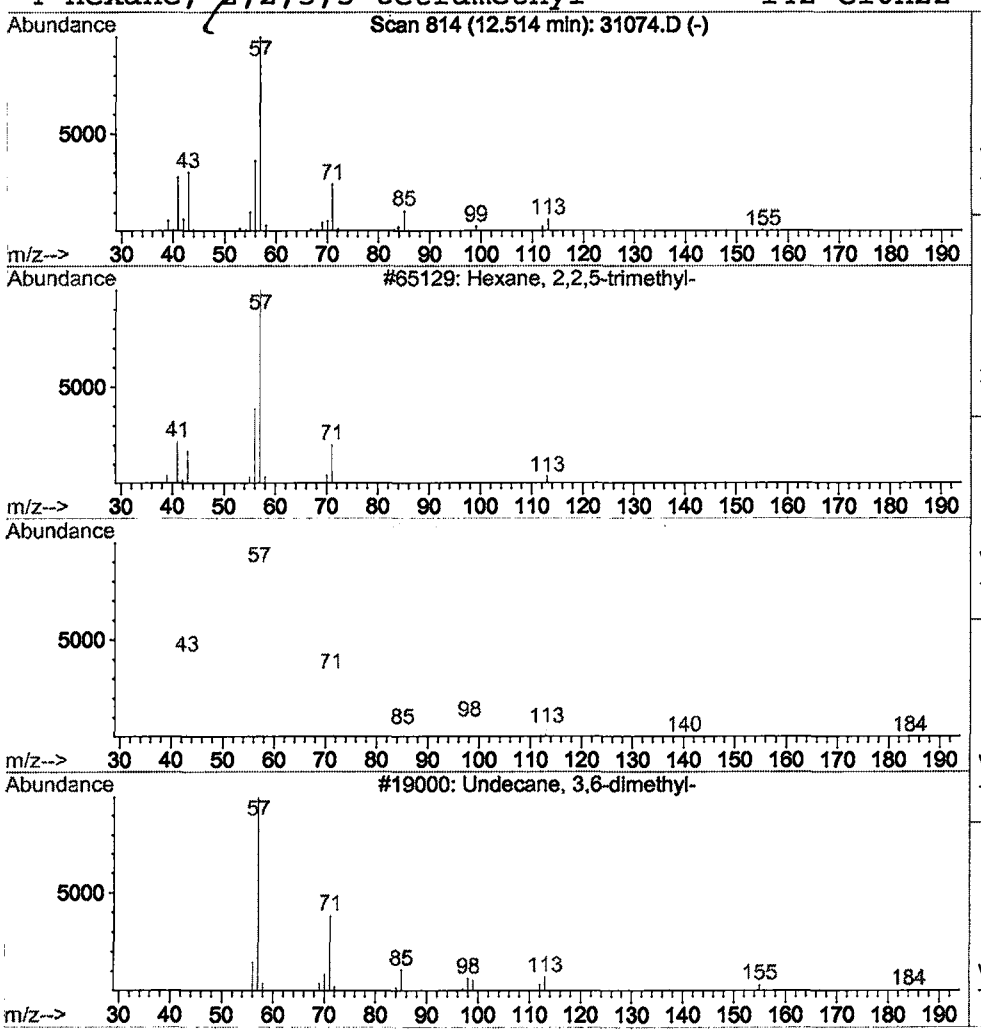
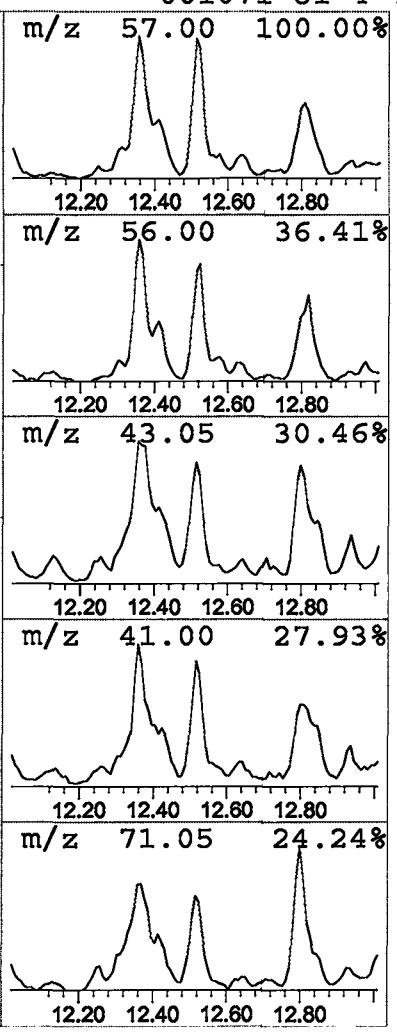
****

Peak Number 5 Hexane, 2,2,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	0.53 ug/l	141592	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47





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Misc :
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Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
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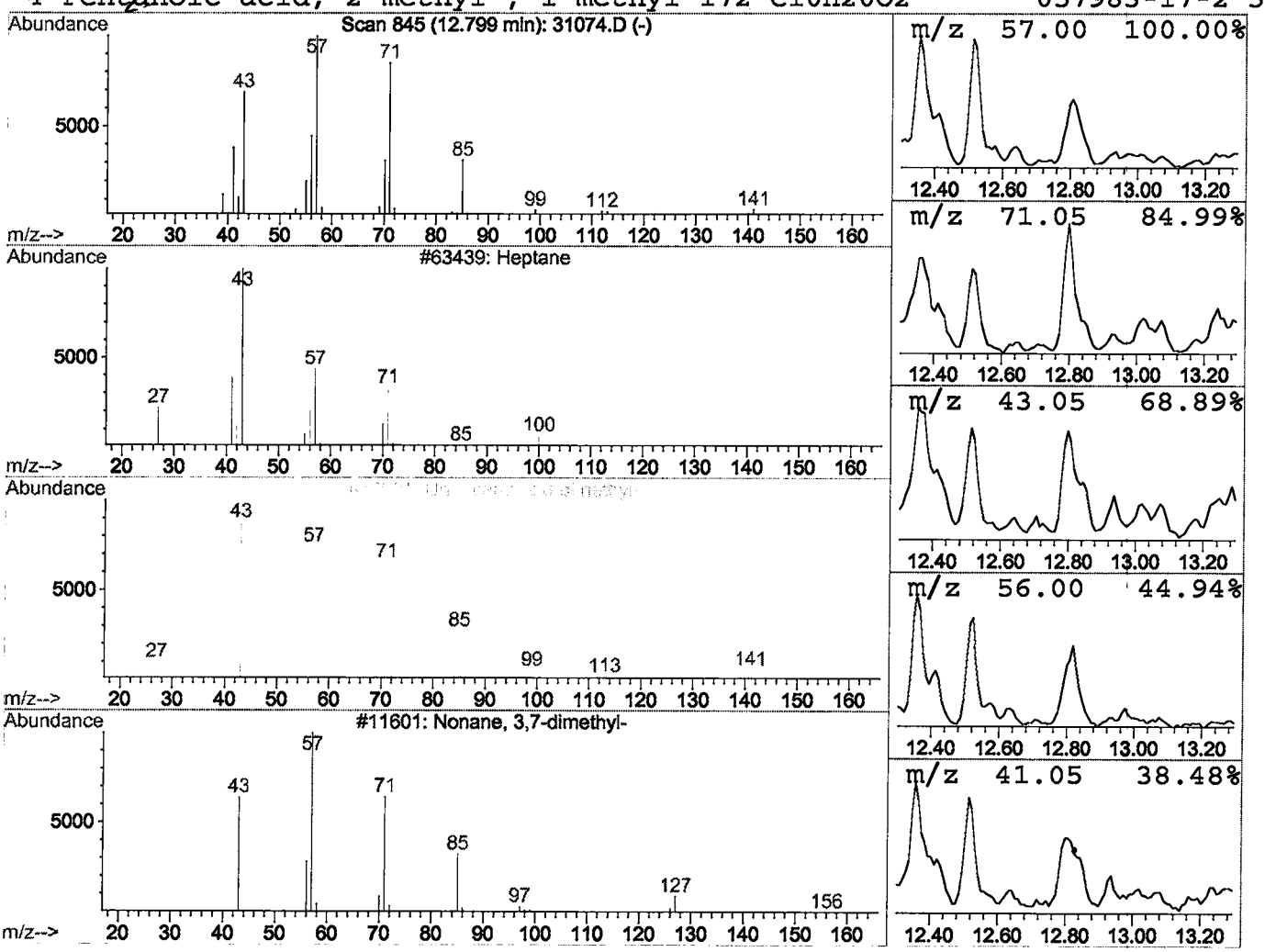
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Heptane — Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	0.69 ug/l	182090	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	64
2	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4	Pentanoic acid, 2-methyl-, 1-methyl	172	C10H20O2	057983-17-2	53



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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

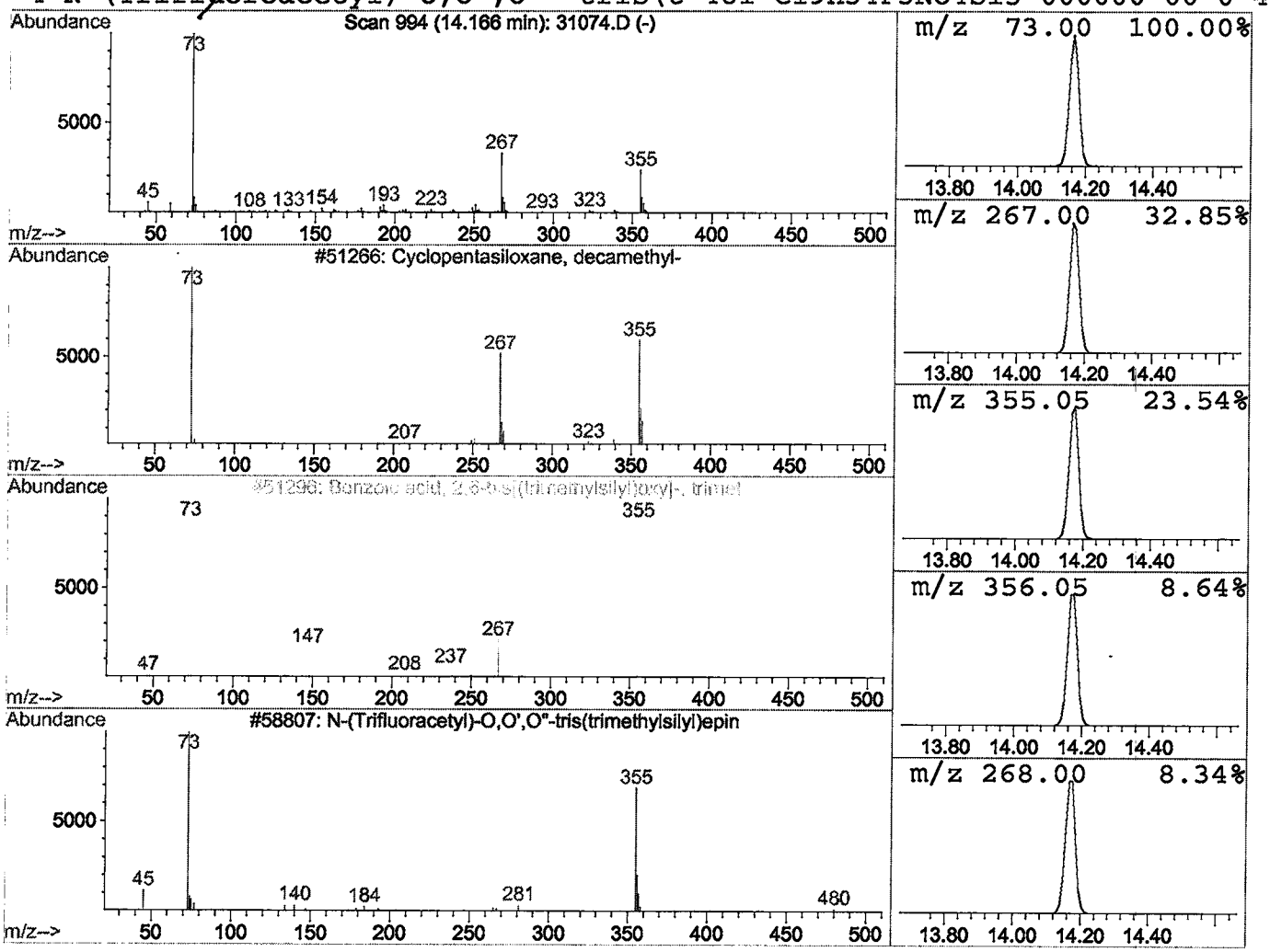
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	5.82 ug/l	1925000	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	50
3	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	47
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	47



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Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

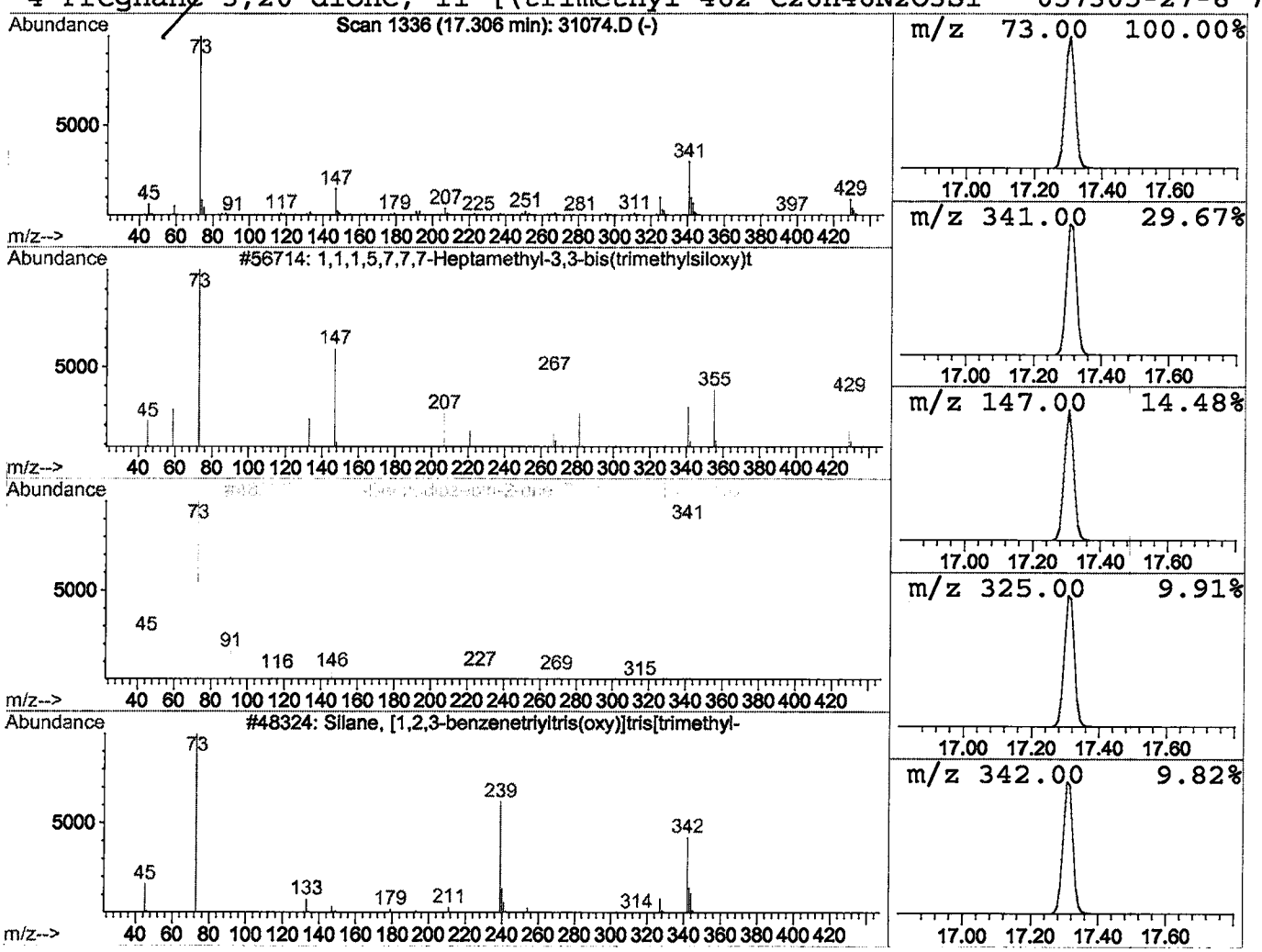
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	8.67 ug/l	2870730	Naphthalene-d8	15.12

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	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	12
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	12
4	Pregnane-3,20-dione, 11-[(trimethyl	462	C26H46N2O3Si	057305-27-8	7



Library Search Compound Report

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Acq On : 9 Jan 2002 12:04 am Operator: 209 GALOS
Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

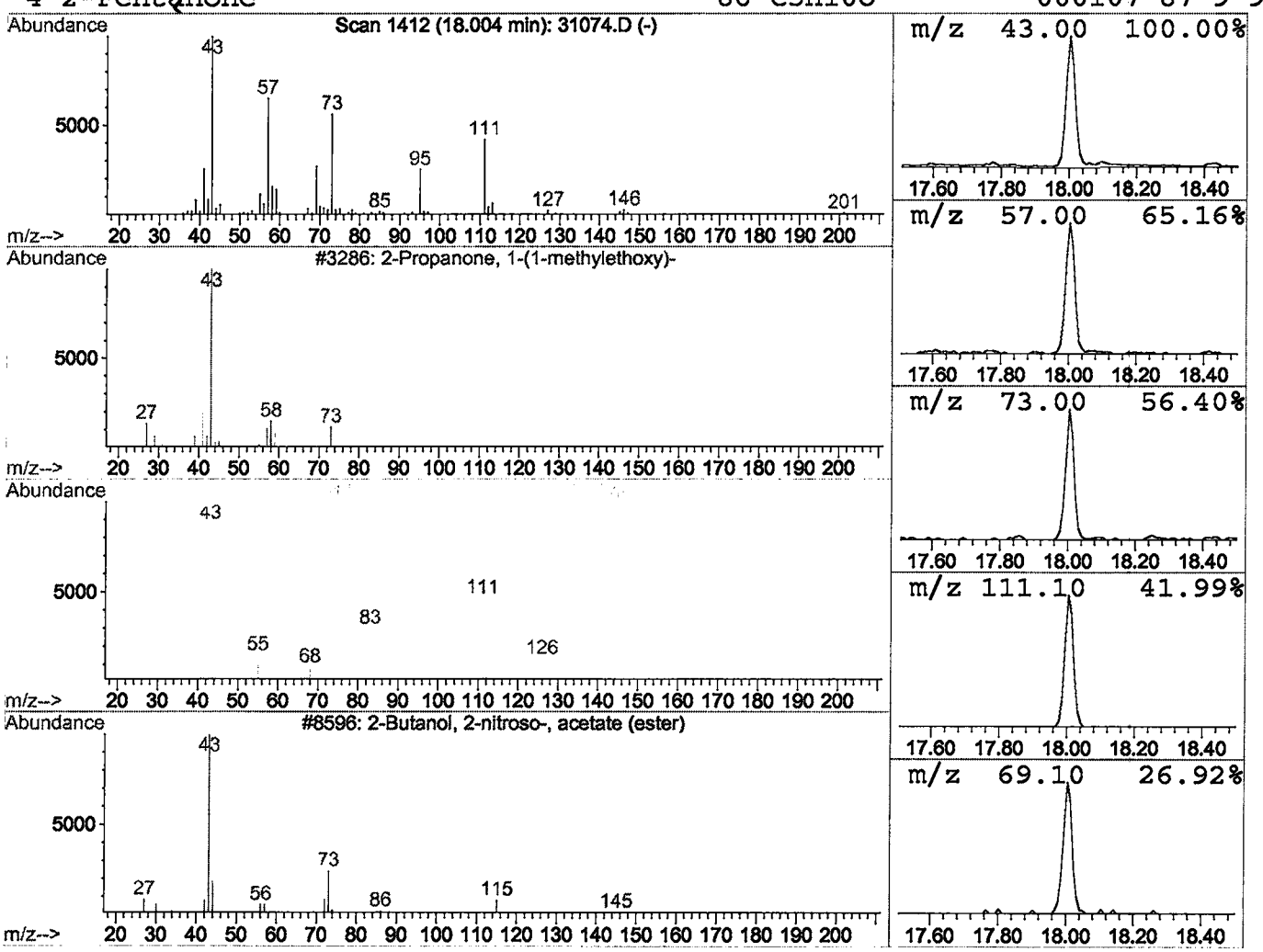
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 2-Propanone, 1-(1-methylethoxy Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	0.64 ug/l	224918	Acenaphthene-d10	20.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	25
2	2(5H)-Furanone, 3,5,5-trimethyl-	126	C7H10O2	050598-50-0	23
3	2-Butanol, 2-nitroso-, acetate (est	145	C6H11NO3	013880-90-5	9
4	2-Pentanone	86	C5H10O	000107-87-9	9



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MS Integration Params: LSCINT.P

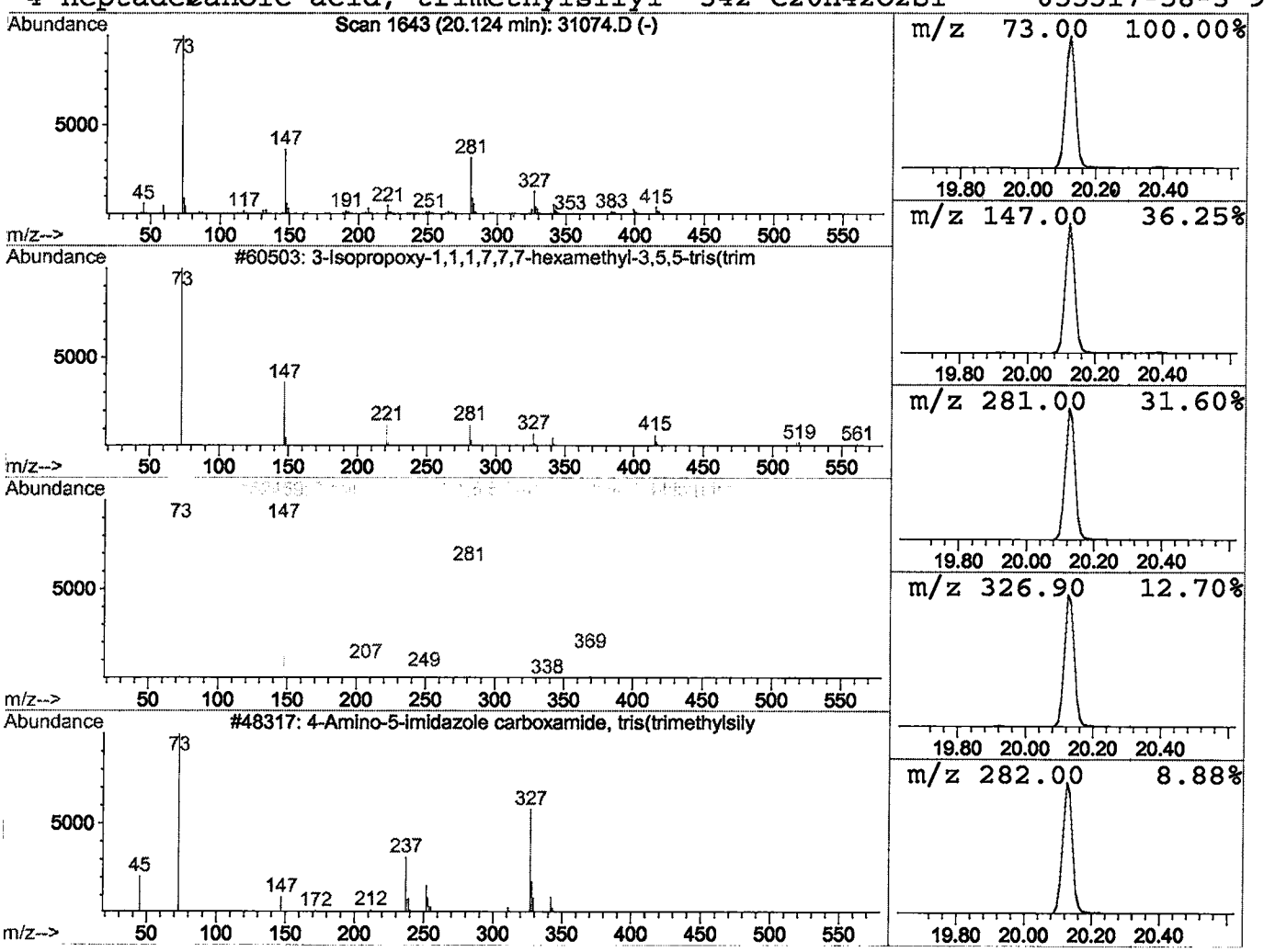
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	5.76 ug/l	2038520	Acenaphthene-d10	20.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	59
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	43
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	16
4	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	9



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Inst : GC/MS 209
Multiplr: 1.00

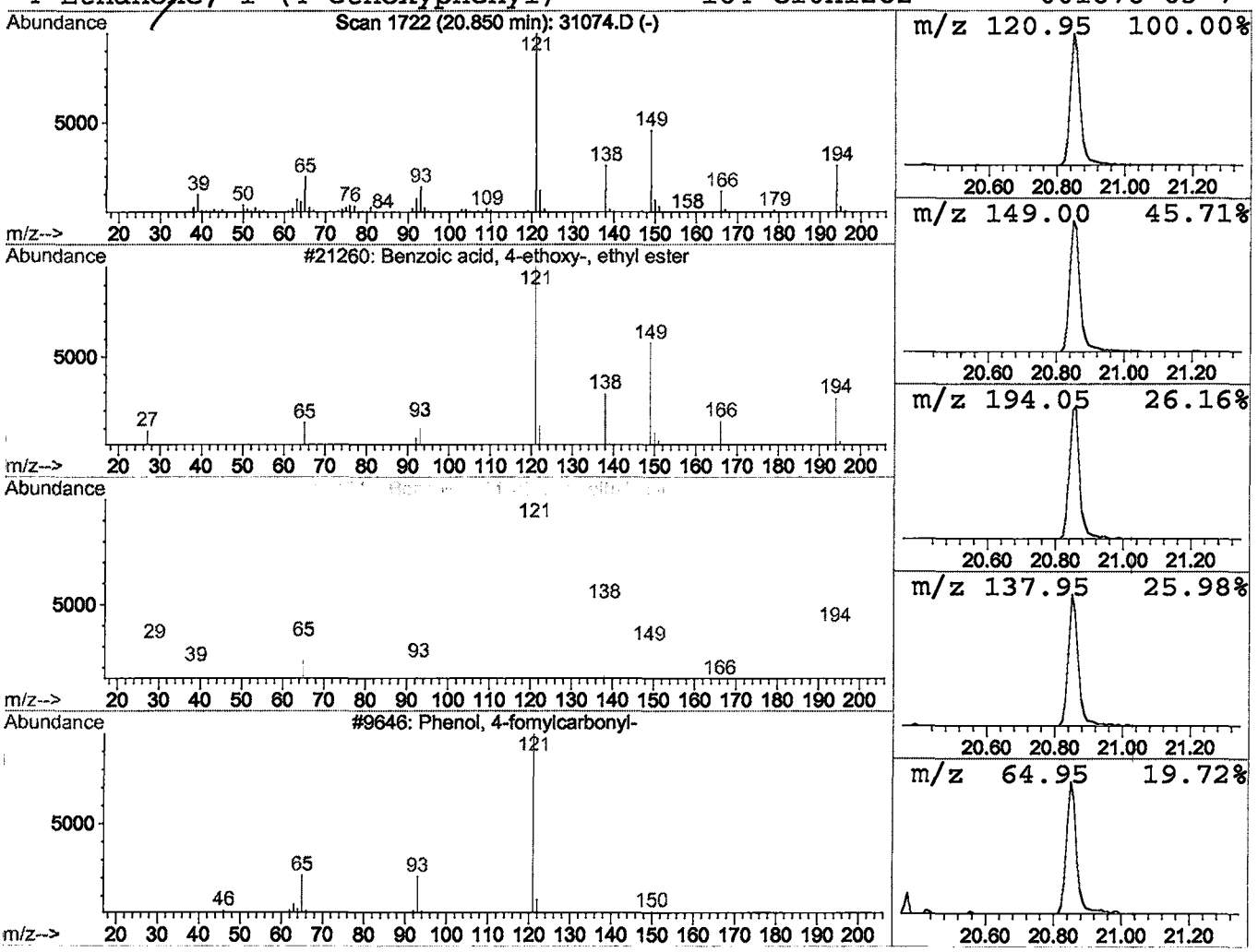
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 11 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	1.37 ug/l	486406	Acenaphthene-d10	20.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	89
2	Benzoic acid, ethoxy-, ethyl ester	194	C11H14O3	075333-22-1	43
3	Phenol, 4-fomylcarbonyl-	150	C8H6O3	000000-00-0	43
4	Ethanone, 1-(4-ethoxyphenyl)-	164	C10H12O2	001676-63-7	42



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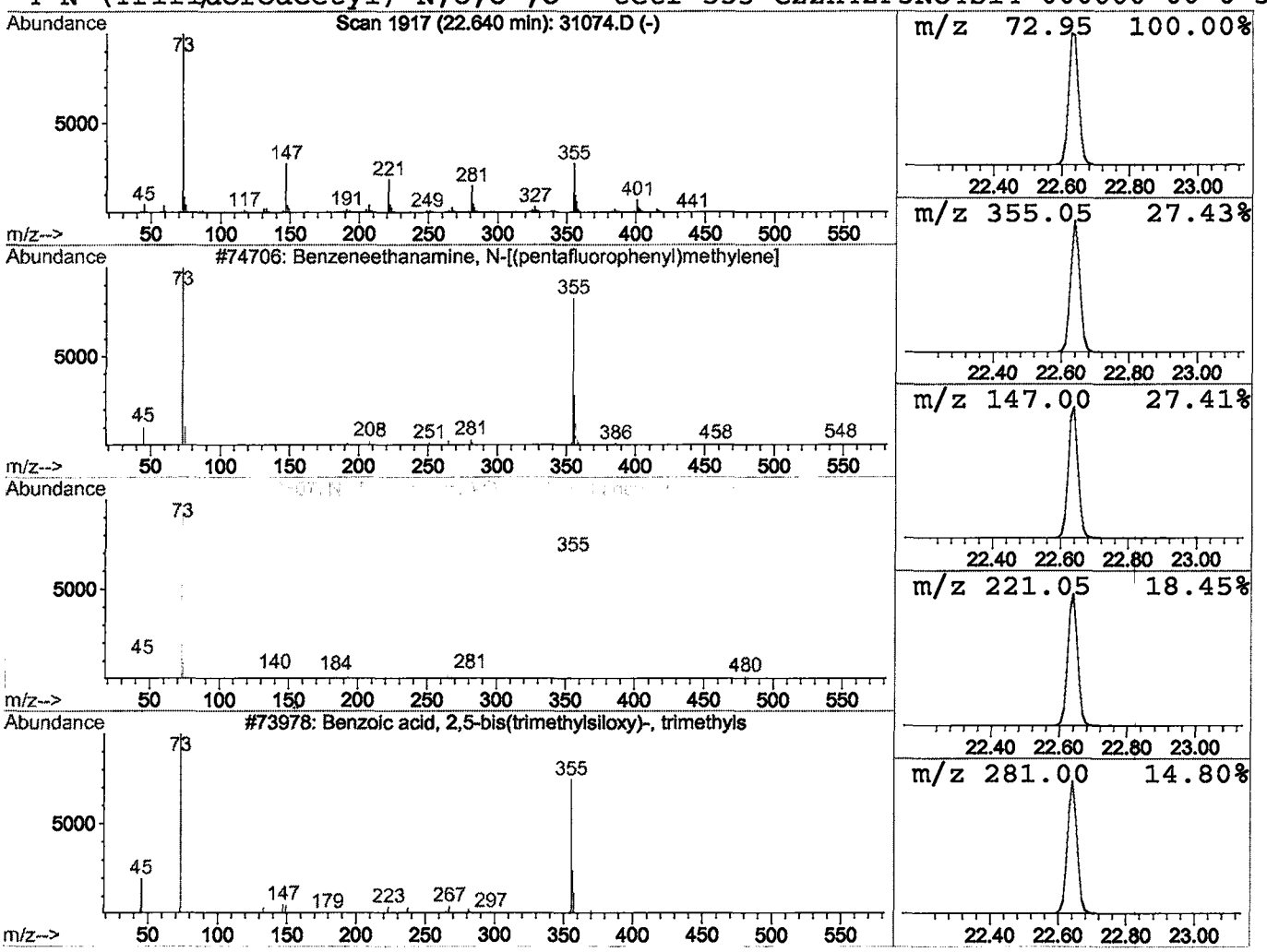
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 12 Benzeneethanamine, N-[(pentafl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	3.60 ug/l	1372480	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	43
2	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	43
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	35



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Inst : GC/MS 209
Multiplr: 1.00

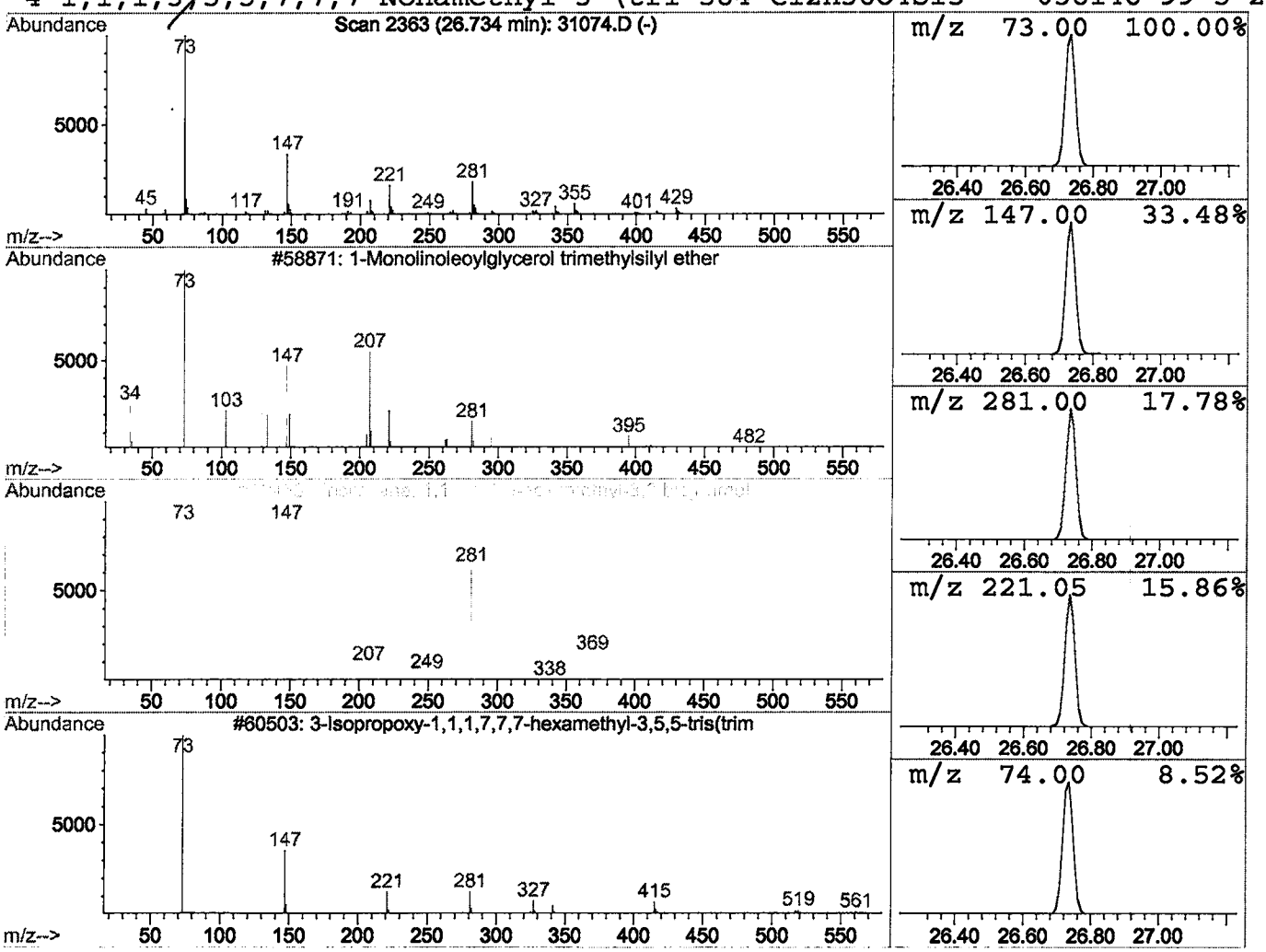
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 13 1-Monolinoleoylglycerol trimet Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	1.85 ug/l	707273	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	38
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	36
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	28
4	1,1,1,3,5,5,7,7,7-Nonamethyl-3-(tri	384	C12H36O4Si5	038146-99-5	25



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Inst : GC/MS 209
Multiplr: 1.00

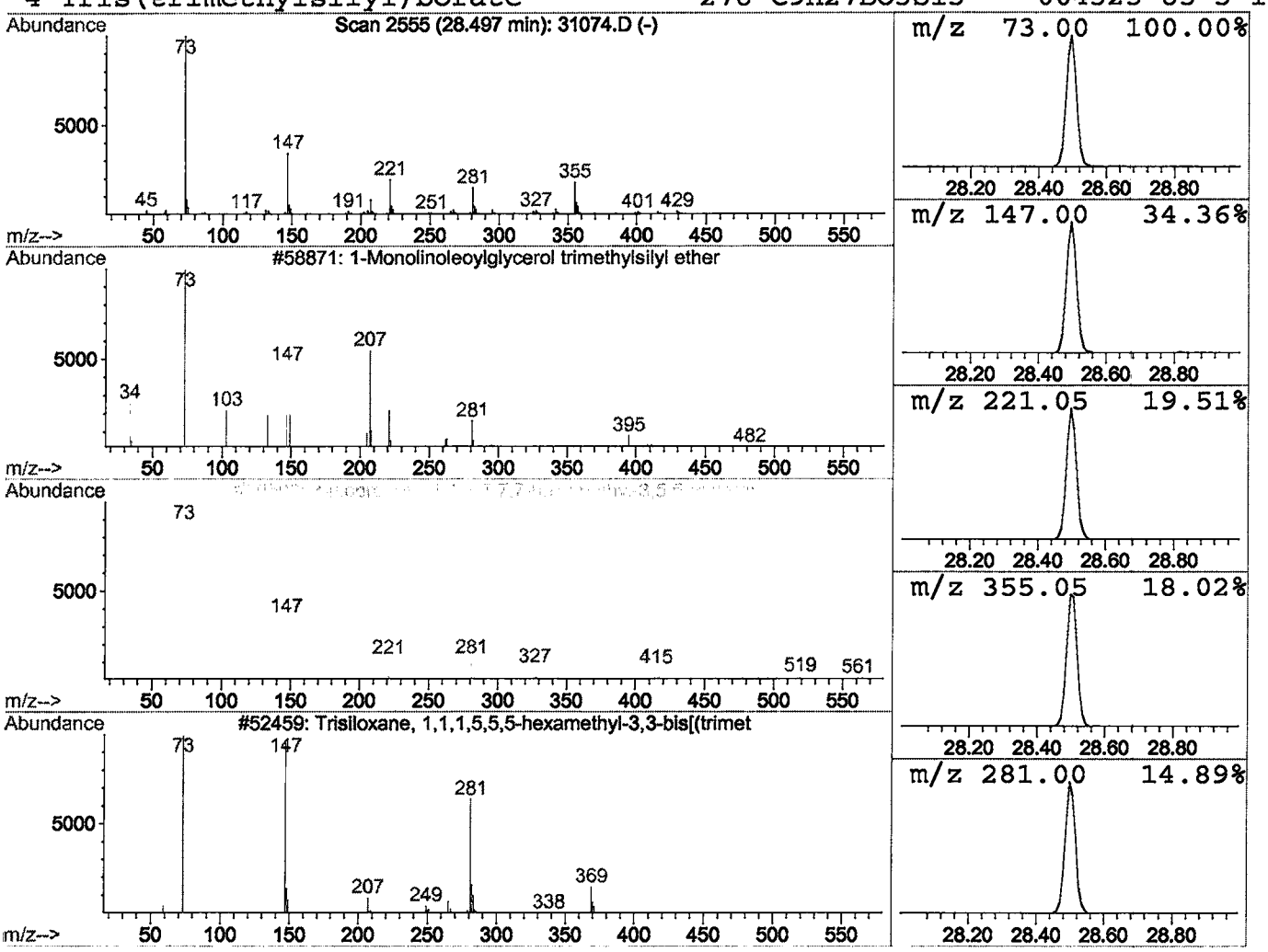
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 14 1-Monolinoleoylglycerol trimet Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.50	1.48 ug/l	564114	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	36
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	23
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	14



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Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

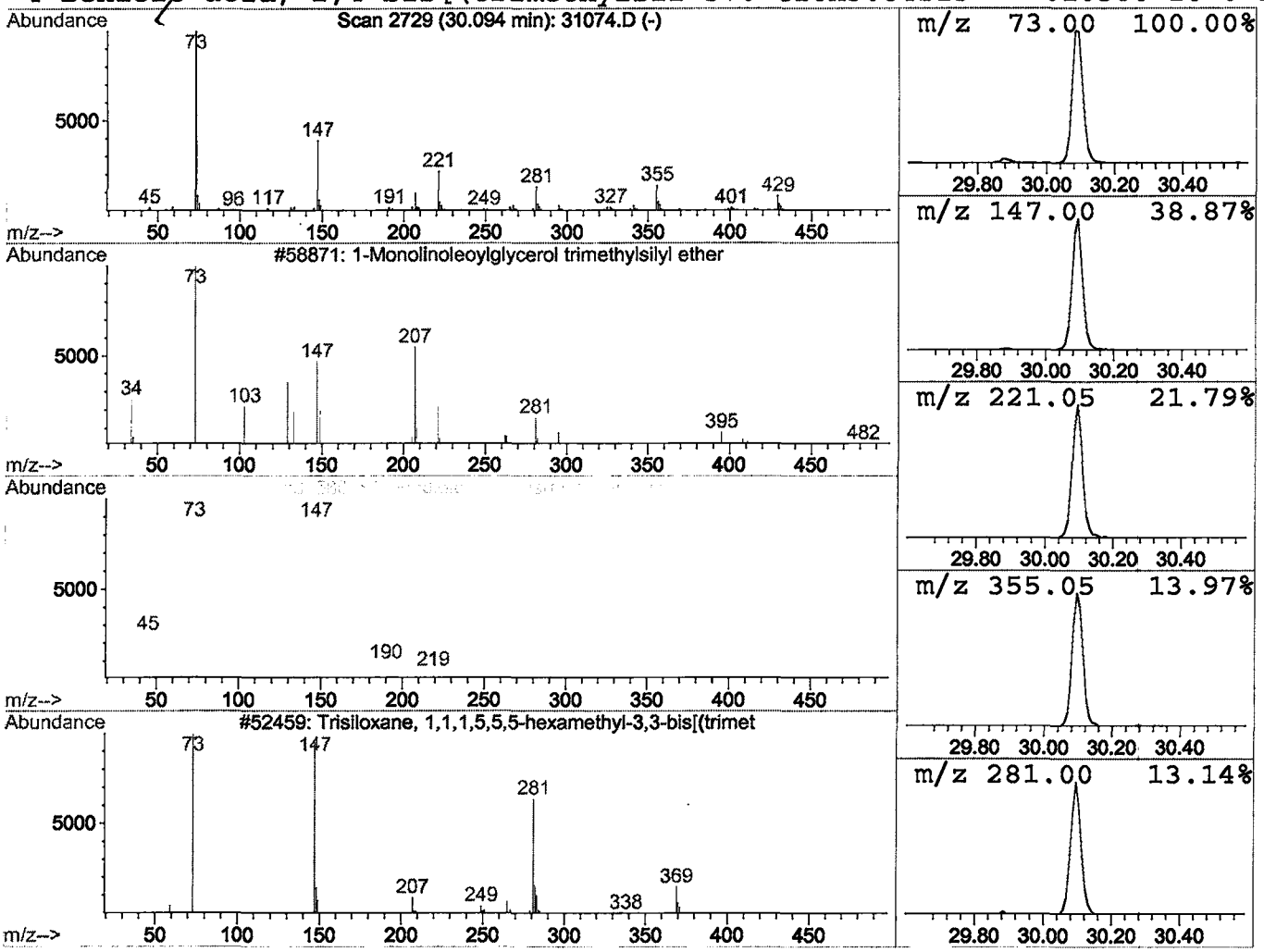
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 15 1-Monolinoleoylglycerol trimet Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.09	2.16 ug/l	488807	Chrysene-d12	32.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	45
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	23
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	20
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	18



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Inst : GC/MS 209
Multiplr: 1.00

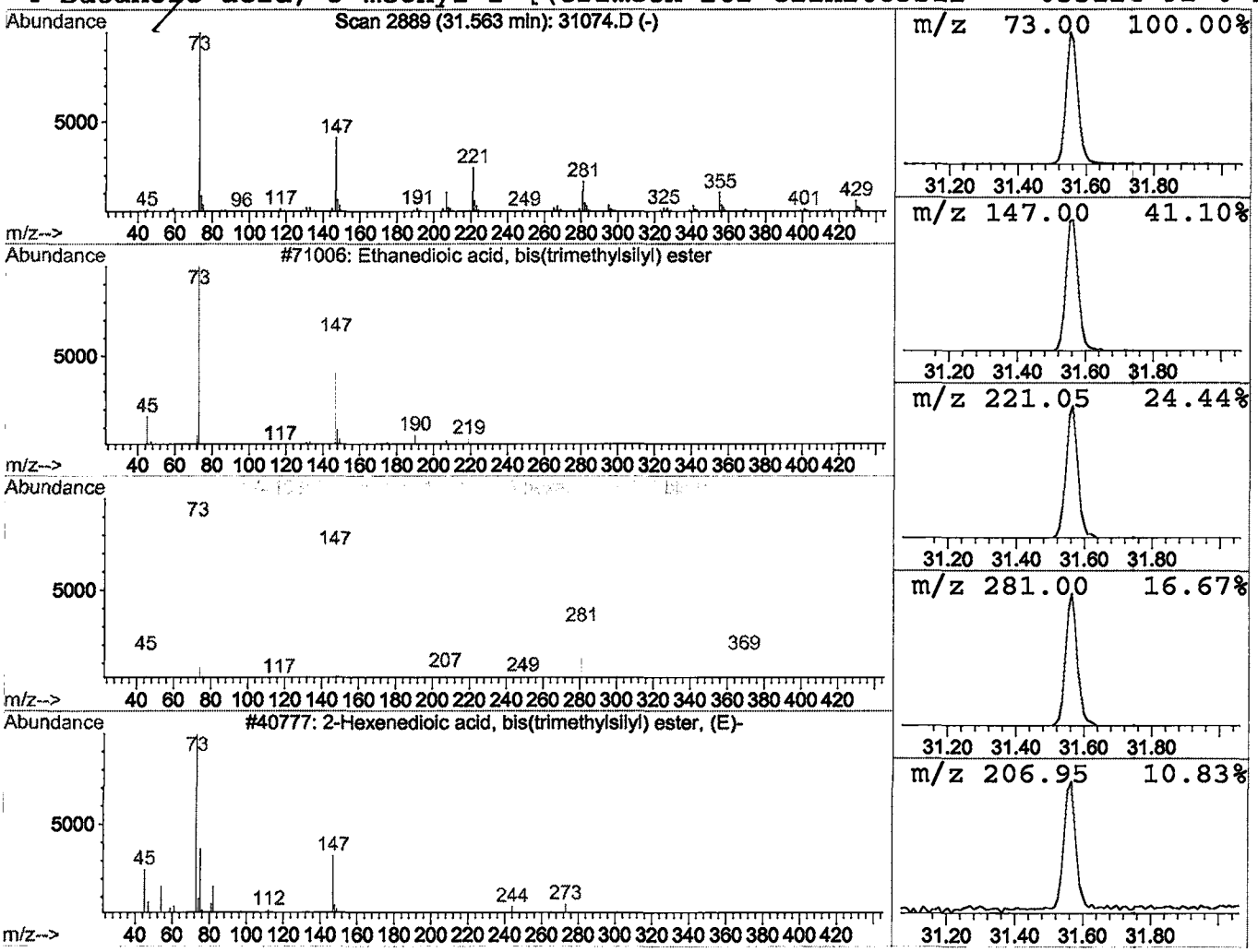
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 16 Ethanedioic acid, bis(trimethy Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.56	1.83 ug/l	414248	Chrysene-d12	32.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	32
3	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	23
4	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	23



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Operator: 209 GALOS
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Multiplr: 1.00

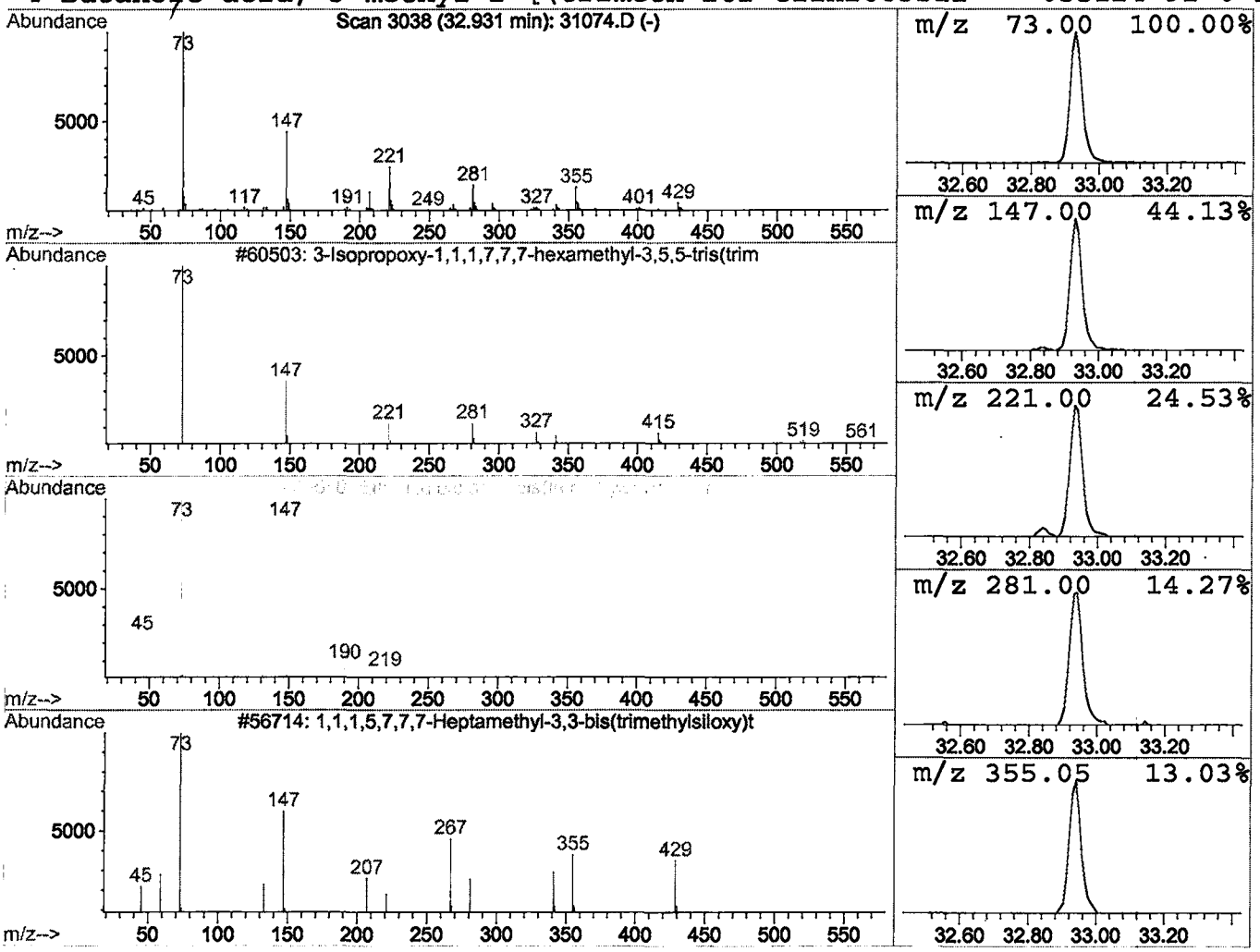
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 17 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.93	2.05 ug/l	463998	Chrysene-d12	32.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	40
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
4	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	23



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MS Integration Params: LSCINT.P

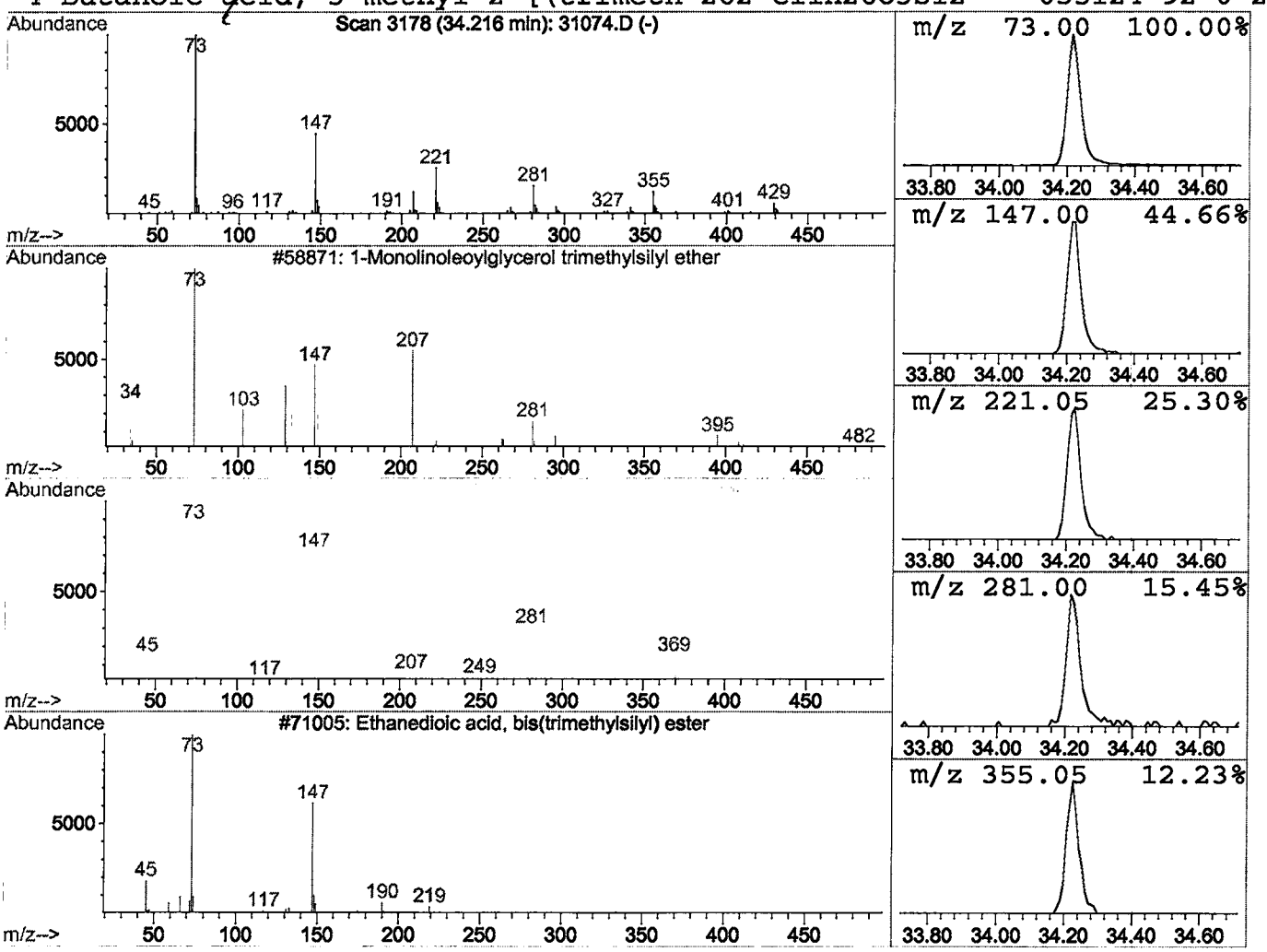
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 18 1-Monolinoleoylglycerol trimet Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.22	1.27 ug/l	287625	Chrysene-d12	32.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	45
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	32
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
4	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	23



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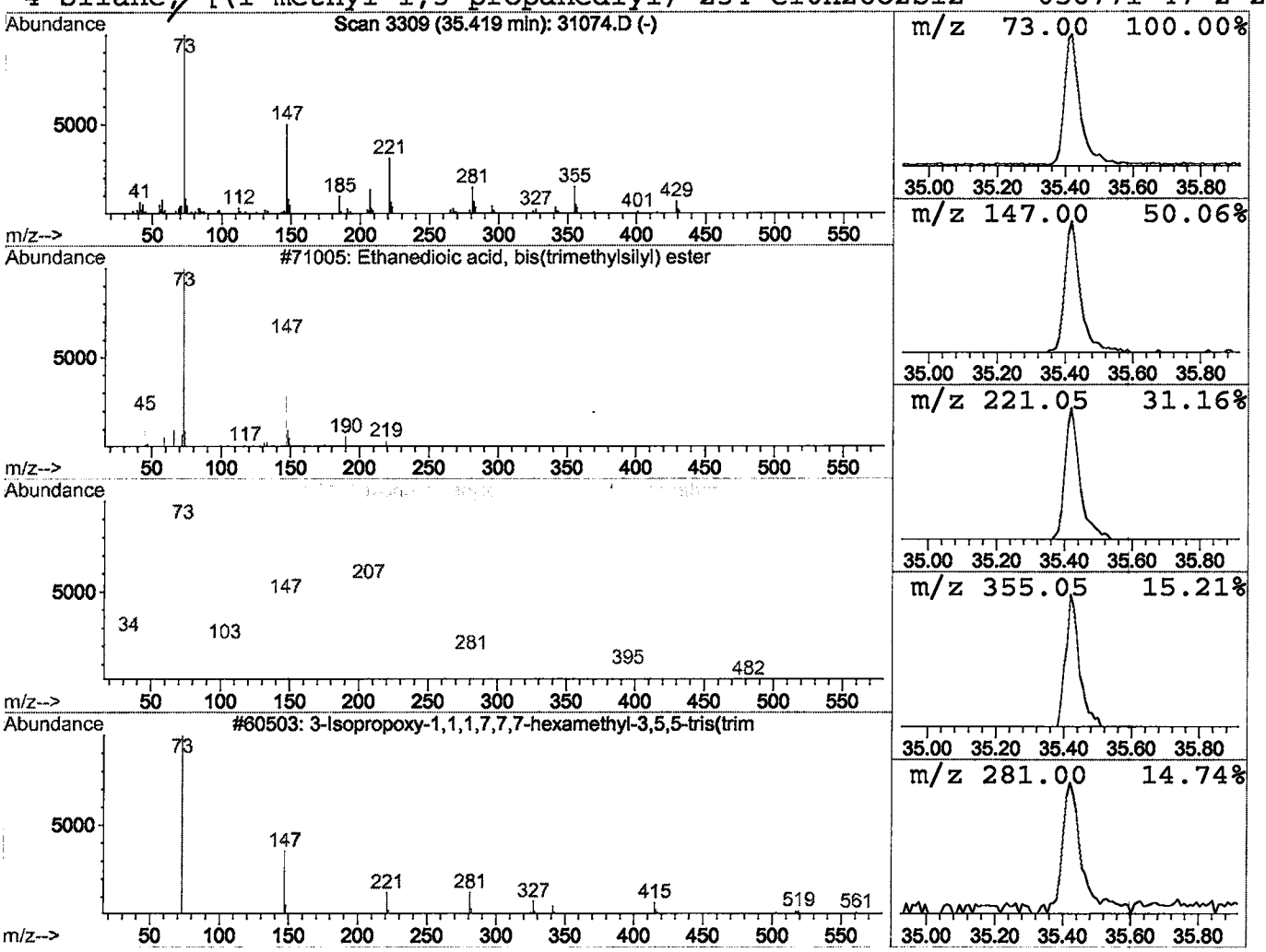
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 19 Ethanedioic acid, bis(trimethy Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.42	1.60 ug/l	244149	Perylene-d12	36.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	38
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	38
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
4	Silane, [(1-methyl-1,3-propanediyl)	234	C10H26O2Si2	056771-47-2	23



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Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

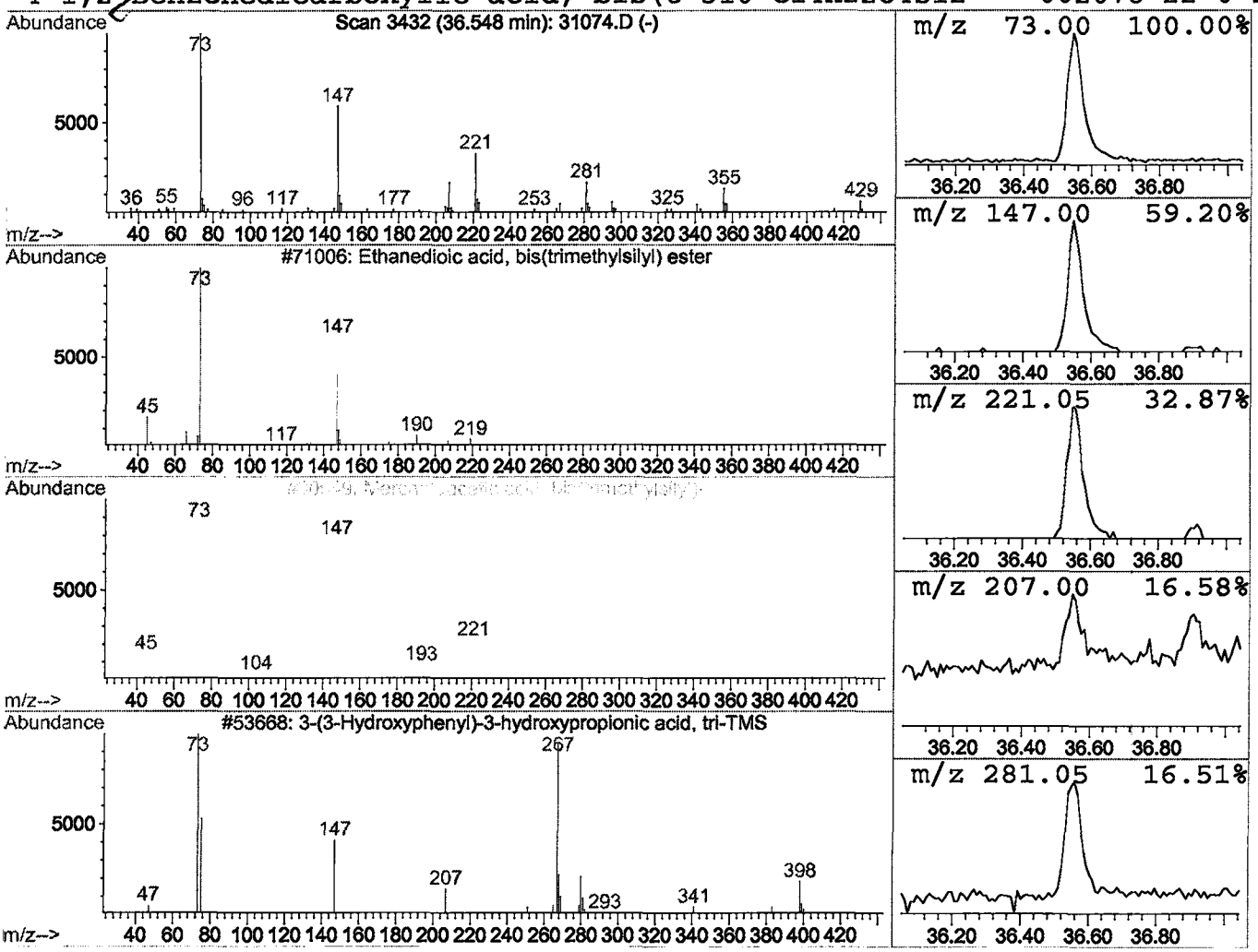
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 20 Ethanedioic acid, bis(trimethy Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.55	0.79 ug/l	120661	Perylene-d12	36.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	38
2	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	25
3	3-(3-Hydroxyphenyl)-3-hydroxypropio	398	C18H34O4Si3	000000-00-0	25
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	23



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Jan 2002 12:04 am
Data File: C:\HPCHEM\1\DATA\JAN0802\31074.D
Name: gcms scan 12/20
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
3-Pentanol, 3-methyl	7.46	5.2	ug/l	1379330	ISTD01	11.52	5295230	20.0
Cyclotetrasiloxane,	11.00	3.6	ug/l	961287	ISTD01	11.52	5295230	20.0
Heptane, 2,2,4,6,6-p	11.66	0.6	ug/l	156490	ISTD01	11.52	5295230	20.0
Hexane, 2,2,5-trimet	12.36	0.9	ug/l	232373	ISTD01	11.52	5295230	20.0
Hexane, 2,2,5-trimet	12.51	0.5	ug/l	141592	ISTD01	11.52	5295230	20.0
Heptane	12.80	0.7	ug/l	182090	ISTD01	11.52	5295230	20.0
Cyclopentasiloxane,	14.17	5.8	ug/l	1925000	ISTD02	15.12	6619680	20.0
1,1,1,5,7,7,7-Heptam	17.31	8.7	ug/l	2870730	ISTD02	15.12	6619680	20.0
2-Propanone, 1-(1-me	18.00	0.6	ug/l	224918	ISTD03	20.39	7081760	20.0
3-Isopropoxy-1,1,1,7	20.12	5.8	ug/l	2038520	ISTD03	20.39	7081760	20.0
Benzoic acid, 4-etho	20.85	1.4	ug/l	486406	ISTD03	20.39	7081760	20.0
Benzeneethanamine, N	22.64	3.6	ug/l	1372480	ISTD04	24.81	7628300	20.0
1-Monolinoleoylglyce	26.73	1.9	ug/l	707273	ISTD04	24.81	7628300	20.0
1-Monolinoleoylglyce	28.50	1.5	ug/l	564114	ISTD04	24.81	7628300	20.0
1-Monolinoleoylglyce	30.09	2.2	ug/l	488807	ISTD05	32.84	4524920	20.0
Ethanedioic acid, bi	31.56	1.8	ug/l	414248	ISTD05	32.84	4524920	20.0
3-Isopropoxy-1,1,1,7	32.93	2.1	ug/l	463998	ISTD05	32.84	4524920	20.0
1-Monolinoleoylglyce	34.22	1.3	ug/l	287625	ISTD05	32.84	4524920	20.0
Ethanedioic acid, bi	35.42	1.6	ug/l	244149	ISTD06	36.91	3060530	20.0
Ethanedioic acid, bi	36.55	0.8	ug/l	120661	ISTD06	36.91	3060530	20.0

31074.D GCMS0103.M Wed Jan 09 12:25:40 2002