Comments for Sample AD31017 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:23:44

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\31017.D Vial: 13
Acq On : 9 Jan 2002 1:02 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 10:17 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	821781	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	3183610	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1558747	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2338900	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1435330	20.00	ug/l	0.00
44) Perylene-d12	36.91	264	825066	20.00	ug/l	0.01
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	120726	4.50	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 90.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.16	74	107	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	11.45	146	557	N.D.		
5) 1,4-Dichlorobenzene	11.57	146	721	N.D.		
6) 1,2-Dichlorobenzene	12.12	146	402	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	12.92	117	117	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	13.40	82	115	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	15.03	180	330	N.D.		
15) Naphthalene	15.19	128	1934	N.D.		
16) Hexachlorobutadiene	15.73	225	281	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.69	162	483	N.D.		
20) Dimethylphthalate	19.78	163	293	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	19.95	152	410	N.D.		
23) Acenaphthene	20.47	153	882	N.D.		
24) 2,4-Dinitrotoluene	20.96	165	198	N.D.		
25) Diethylphthalate	21.91	149	1283	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.01	166	323	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	24.87	178	1331	N.D.	
34)	Anthracene	25.01	178	521	N.D.	
35)	Di-n-butylphthalate	26.84	149	3308	N.D.	
36)	Fluoranthene	28.50	202	652	N.D.	
39)	Pyrene	29.17	202	608	N.D.	
40)	Butylbenzylphthalate	31.56	149	671	N.D.	
41)	Benzo(a)anthracene	32.83	228	4414	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	5425	N.D.	
43)	Chrysene	32.91	228	1022	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.87	252	206	N.D.	
47)	Benzo(k)fluoranthene	35.94	252	348	N.D.	
48)	Benzo(a)pyrene	36.91	252	3250	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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Vial: 13
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Title : 209 625/TCLP calibration table
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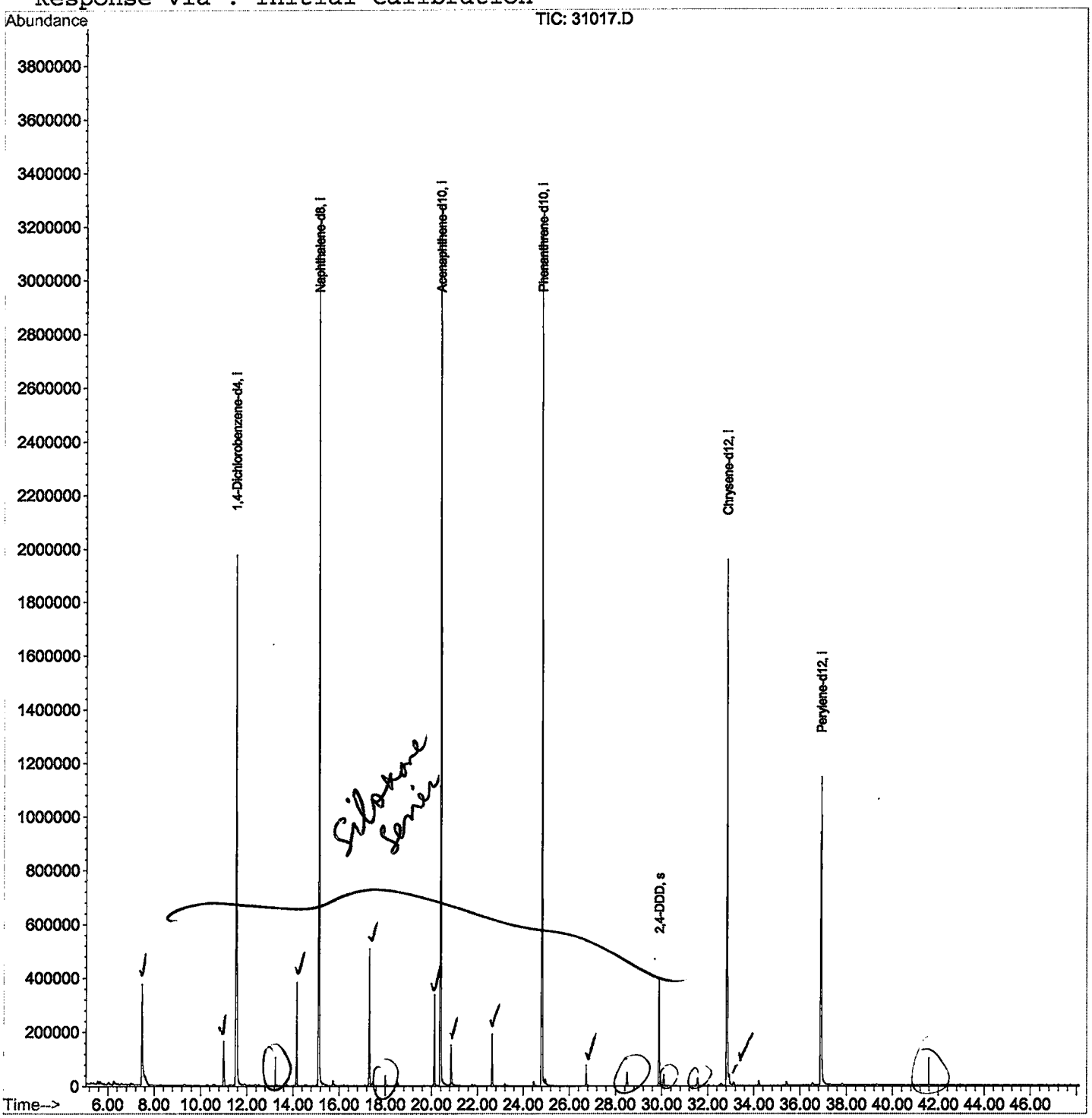


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31017.D Vial: 13
Acq On : 9 Jan 2002 1:02 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

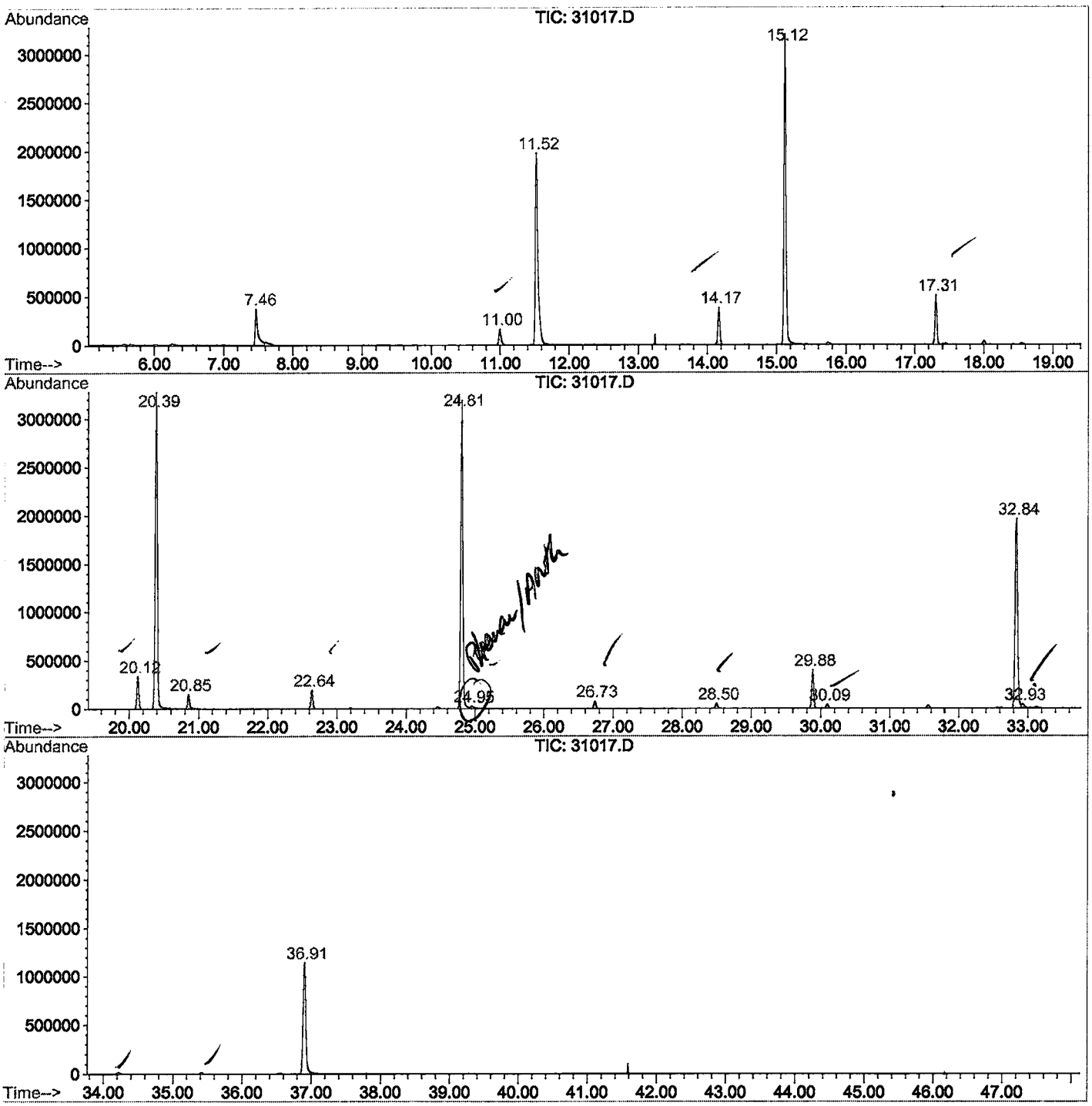
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.465	260	264	277	rBV	371776	997677	14.50%	2.568%
2	10.999	643	649	660	rVB	165852	379147	5.51%	0.976%
3	11.522	701	706	726	rBV	1974556	5182098	75.33%	13.340%
4	14.166	989	994	1000	rVB	382418	733489	10.66%	1.888%
5	15.121	1093	1098	1116	rBV	3196969	6517414	94.74%	16.777%
6	17.306	1326	1336	1344	rBV	507761	999615	14.53%	2.573%
7	20.124	1637	1643	1649	rVB	335354	643988	9.36%	1.658%
8	20.391	1666	1672	1690	rBV	3278713	6879473	100.00%	17.709%
9	20.850	1718	1722	1735	rBV	147905	298117	4.33%	0.767%
10	22.640	1912	1917	1923	rBV	191907	379947	5.52%	0.978%
11	24.806	2146	2153	2165	rBV2	3188884	6860975	99.73%	17.661%
12	24.953	2165	2169	2183	rVB	22964	79034	1.15%	0.203%
13	26.734	2357	2363	2369	rVB	77400	149083	2.17%	0.384%
14	28.497	2549	2555	2562	rBV	50877	103634	1.51%	0.267%
15	29.883	2701	2706	2712	rBV	399093	761767	11.07%	1.961%
16	30.094	2721	2729	2734	rVB	41422	88215	1.28%	0.227%
17	32.839	3021	3028	3035	rBV2	1956173	4594235	66.78%	11.826%
18	32.931	3035	3038	3048	rVB2	37335	106823	1.55%	0.275%
19	36.906	3463	3471	3488	rBV	1140946	3093010	44.96%	7.962%

Sum of corrected areas: 38847741

31017.D GCMS0103.M Wed Jan 09 12:03:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0802\31017.D
Operator : 209 GALOS
Acquired : 9 Jan 2002 1:02 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/20
Misc Info :
Vial Number: 13
Quant File :GCMS0103.RES (RTE Integrator)



31017.D GCMS0103.M Wed Jan 09 12:03:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31017.D
Acq On : 9 Jan 2002 1:02 am
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

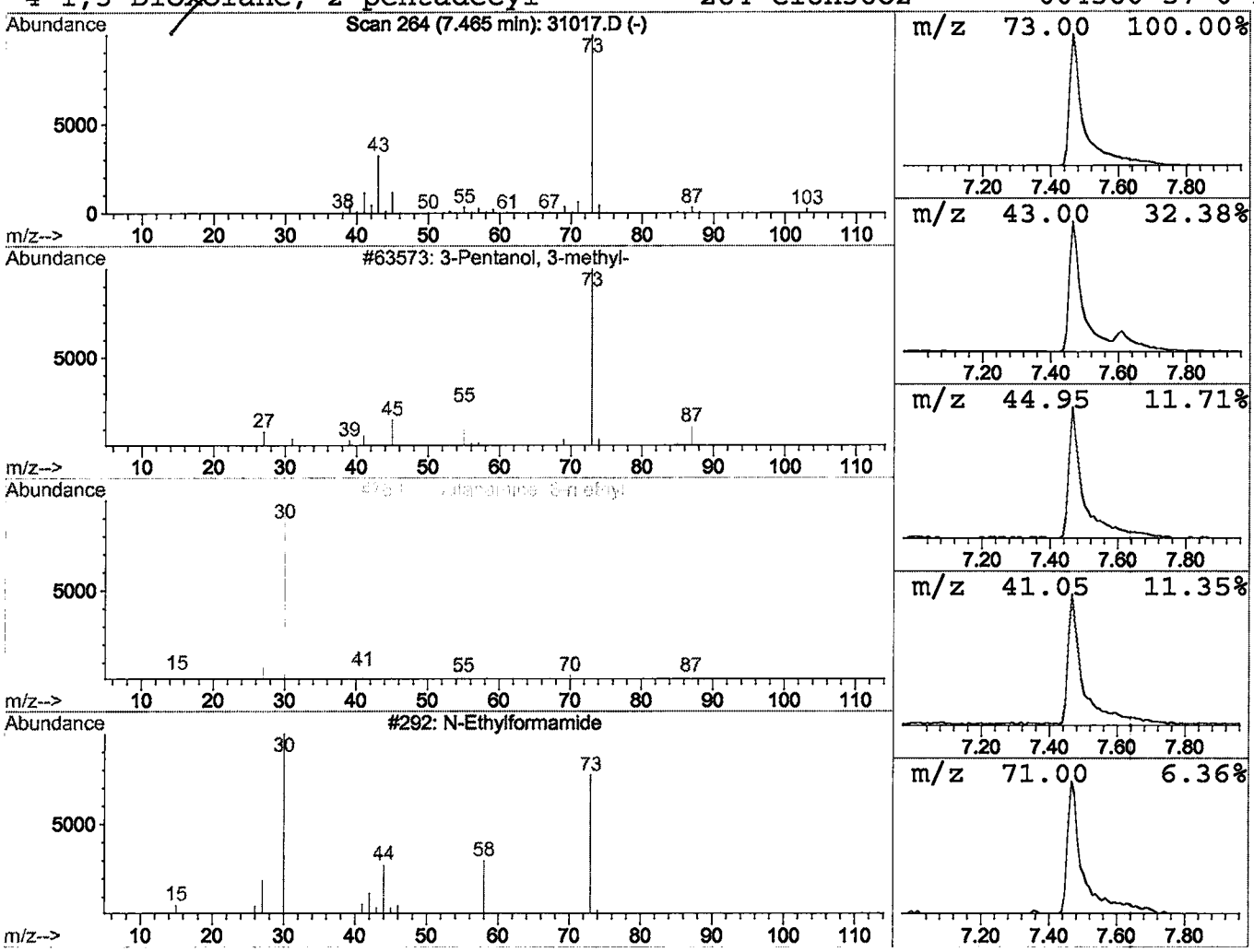
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	3.85 ug/l	997677	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	33
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

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Acq On : 9 Jan 2002 1:02 am
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Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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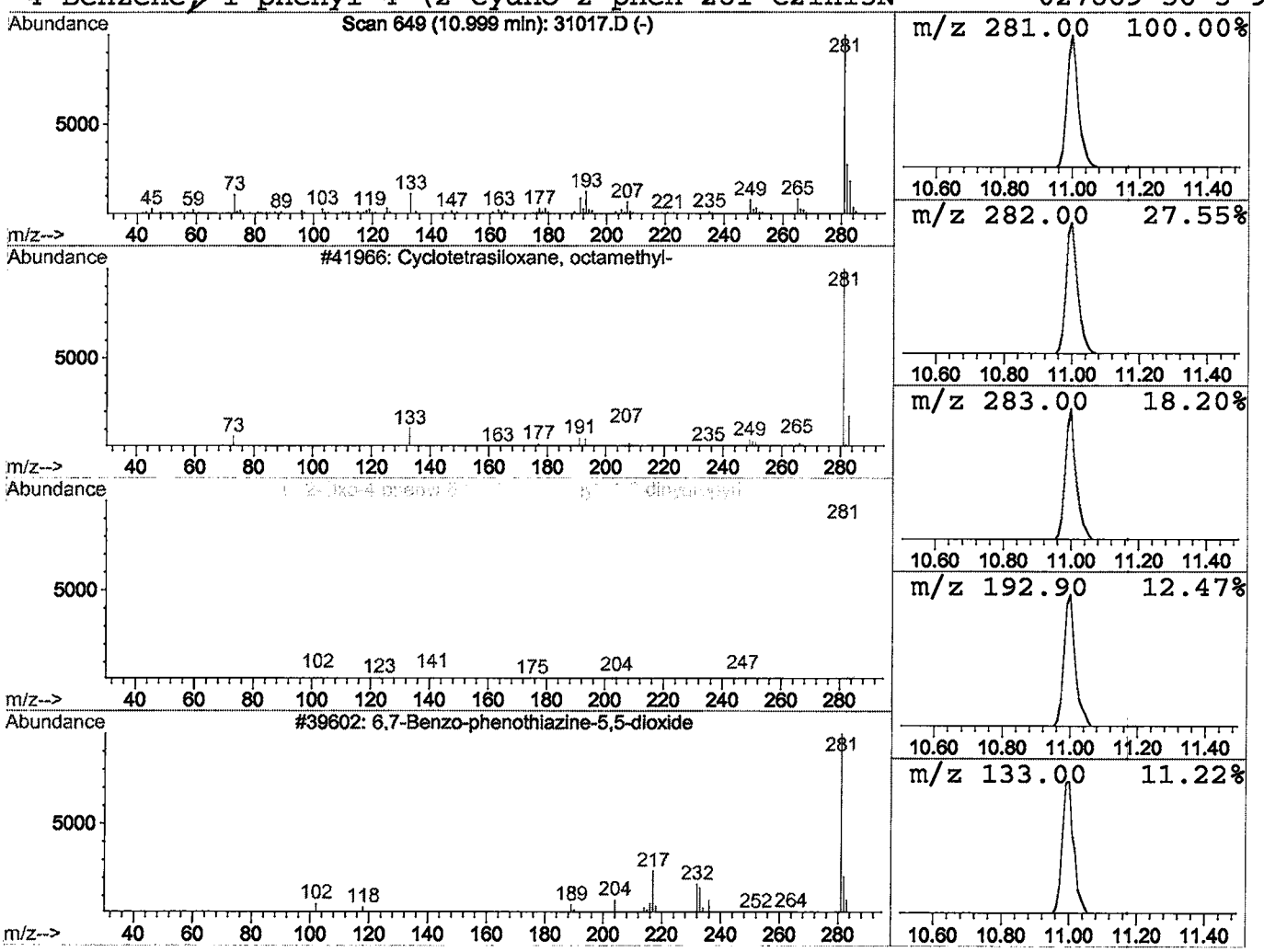
****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	1.46 ug/l	379147	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
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	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



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Acq On : 9 Jan 2002 1:02 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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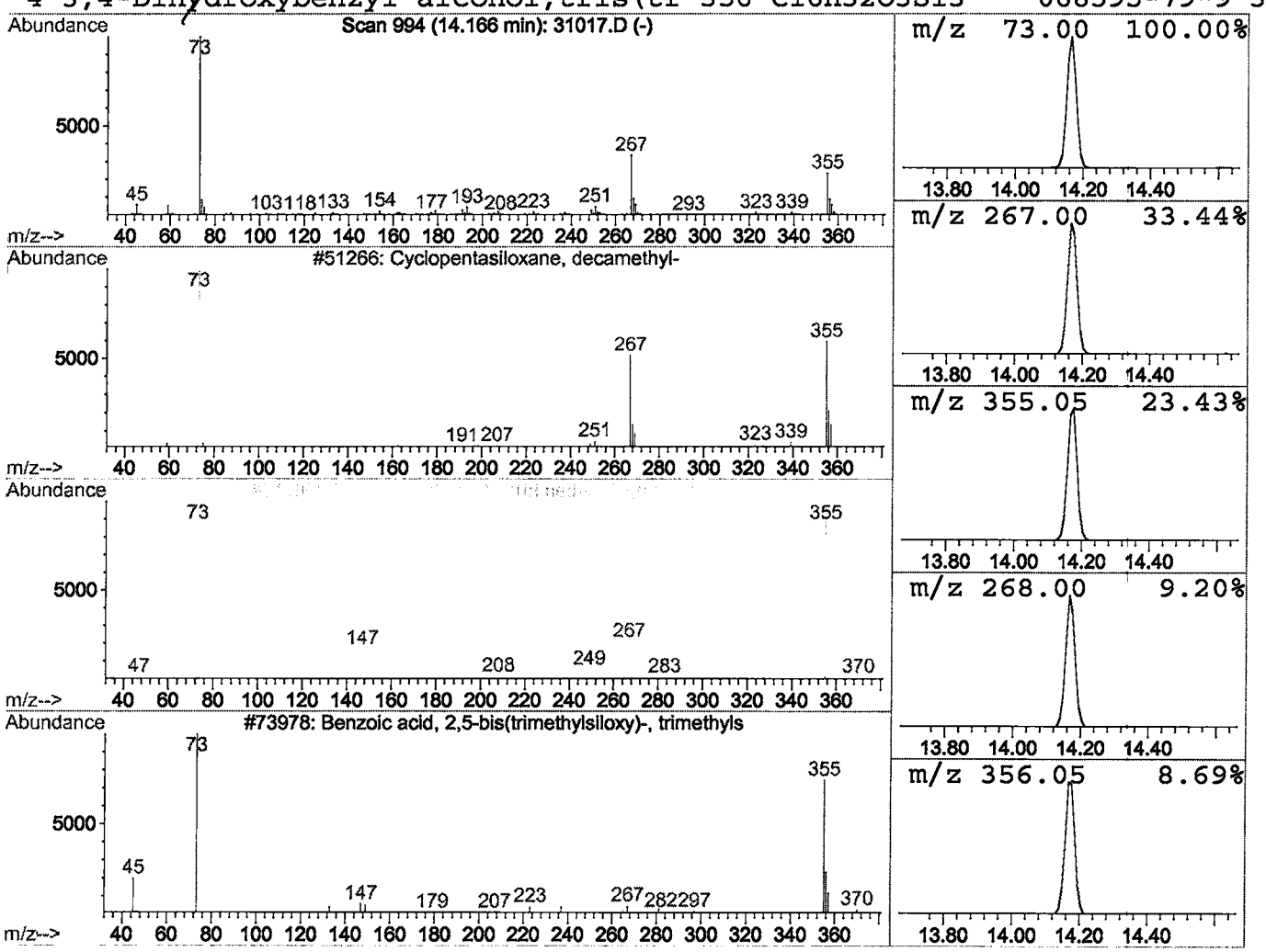
****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.25 ug/l	733489	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	47
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38



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Misc :
MS Integration Params: LSCINT.P

Vial: 13
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
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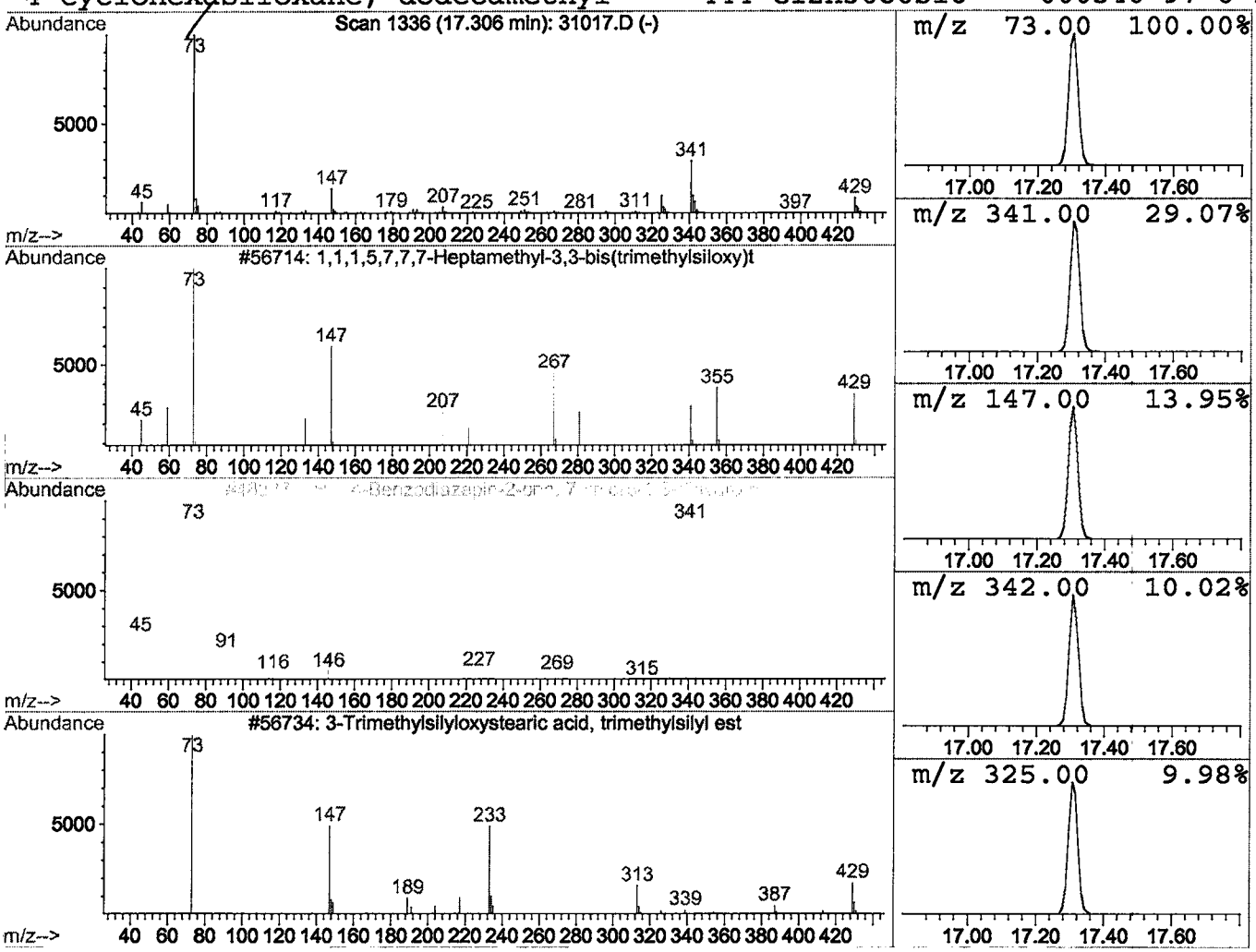
****

Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	3.07 ug/l	999615	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	27
2	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	17
4	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	10



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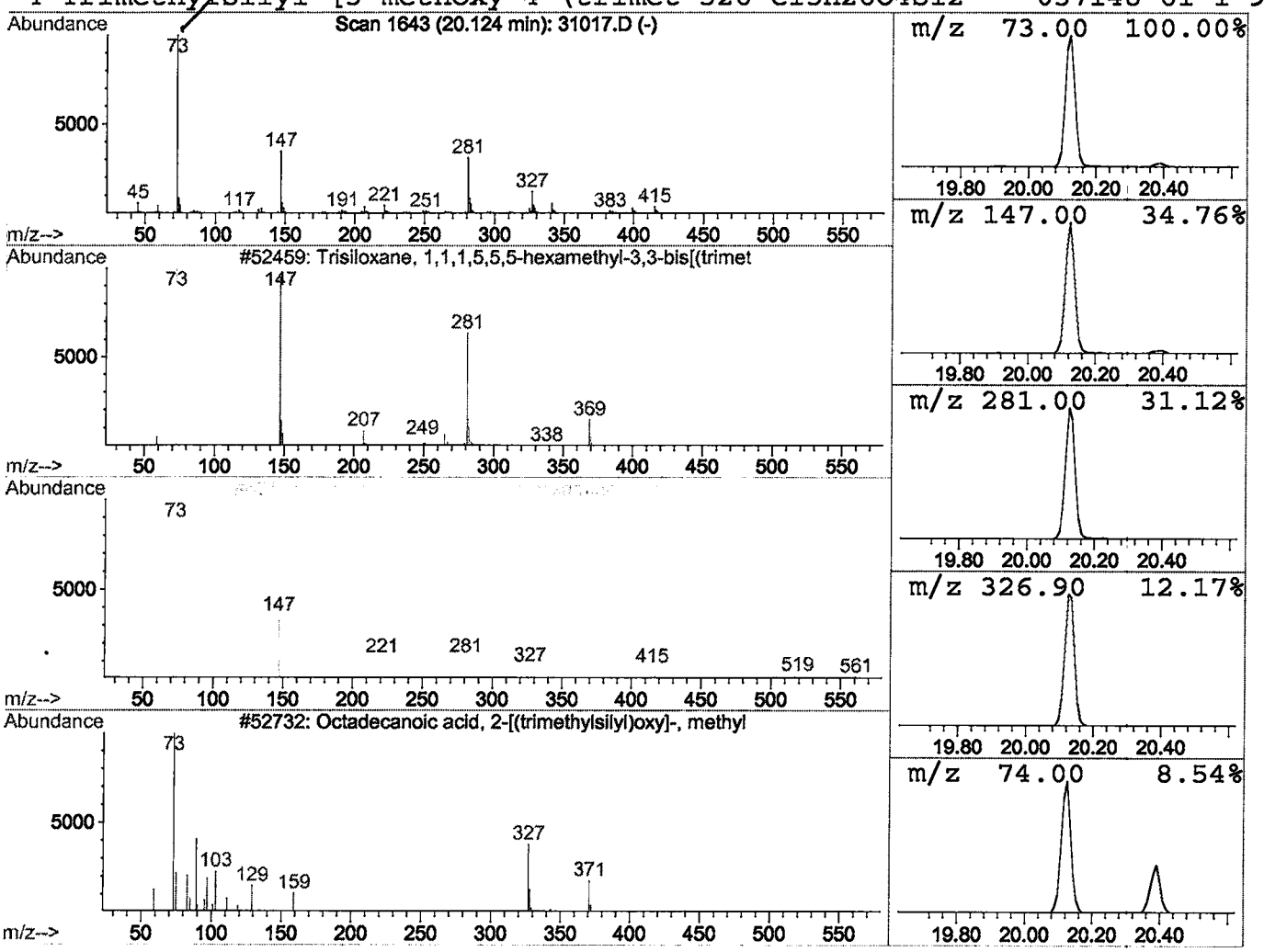
****

Peak Number 5 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	1.87 ug/l	643988	Acenaphthene-d10	20.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	40
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
3	Octadecanoic acid, 2-[(trimethylsil	386	C22H46O3Si	056196-58-8	10
4	Trimethylsilyl [3-methoxy-4-(trimet	326	C15H26O4Si2	037148-61-1	9



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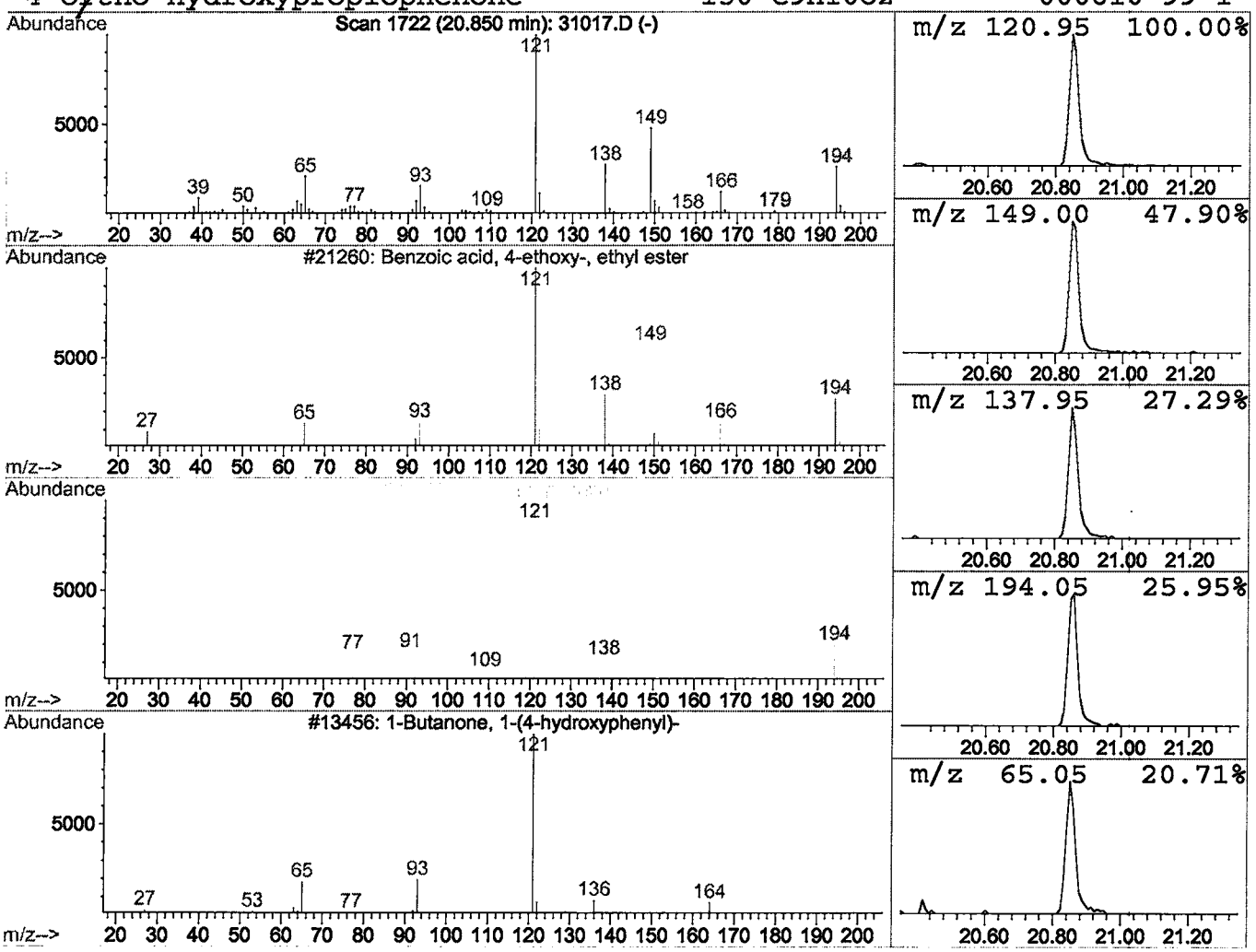
****

Peak Number 6 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	0.87 ug/l	298117	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	96
2	Anisyl propionate	194	C11H14O3	007549-33-9	43
3	1-Butanone, 1-(4-hydroxyphenyl)-	164	C10H12O2	001009-11-6	43
4	ortho-Hydroxypropiophenone	150	C9H10O2	000610-99-1	43



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Multiplr: 1.00

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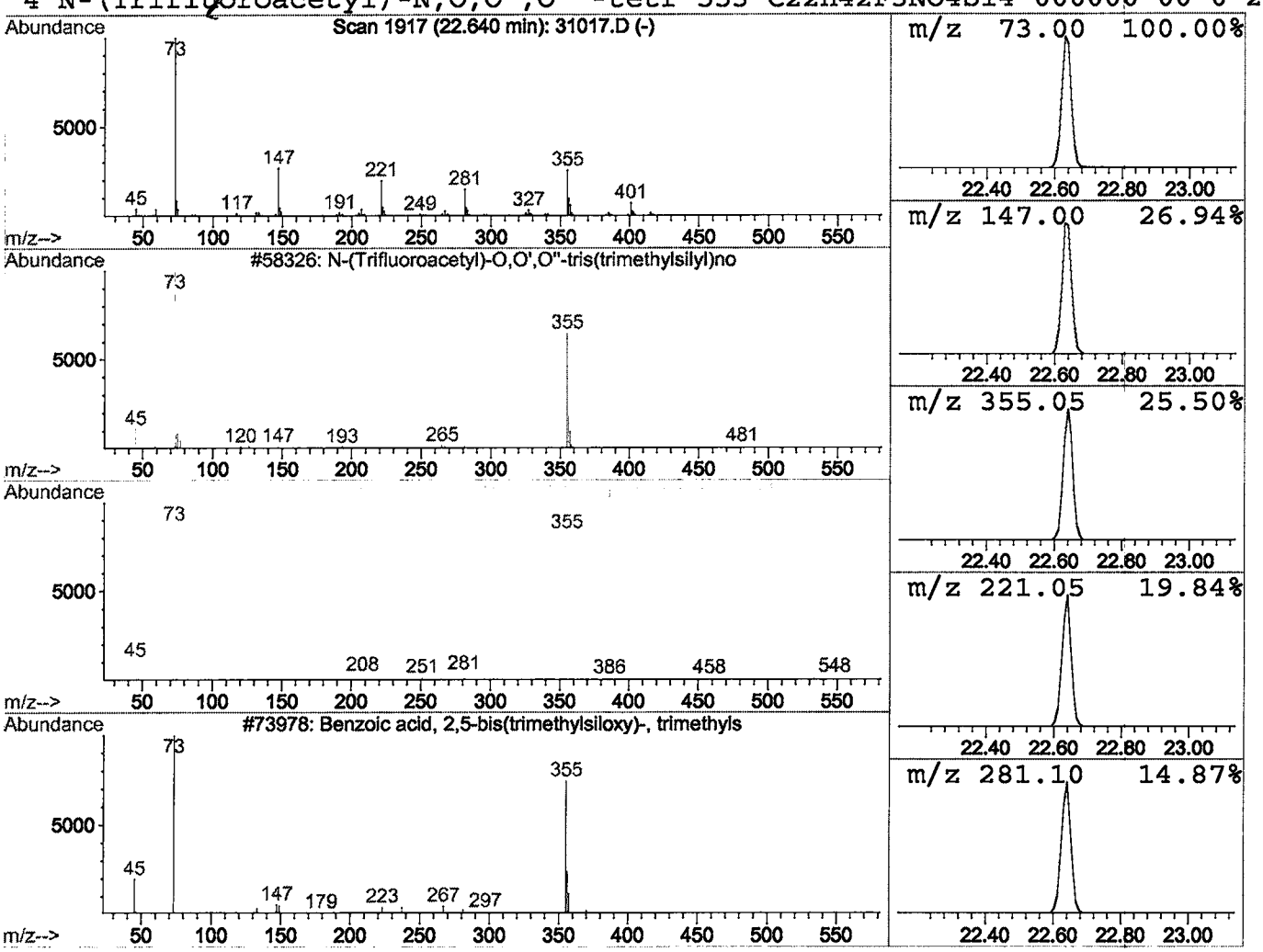
****

Peak Number 7 N-(Trifluoroacetyl)-O,O',O''-t Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	1.11 ug/l	379947	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	35
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	35
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	25
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	22



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

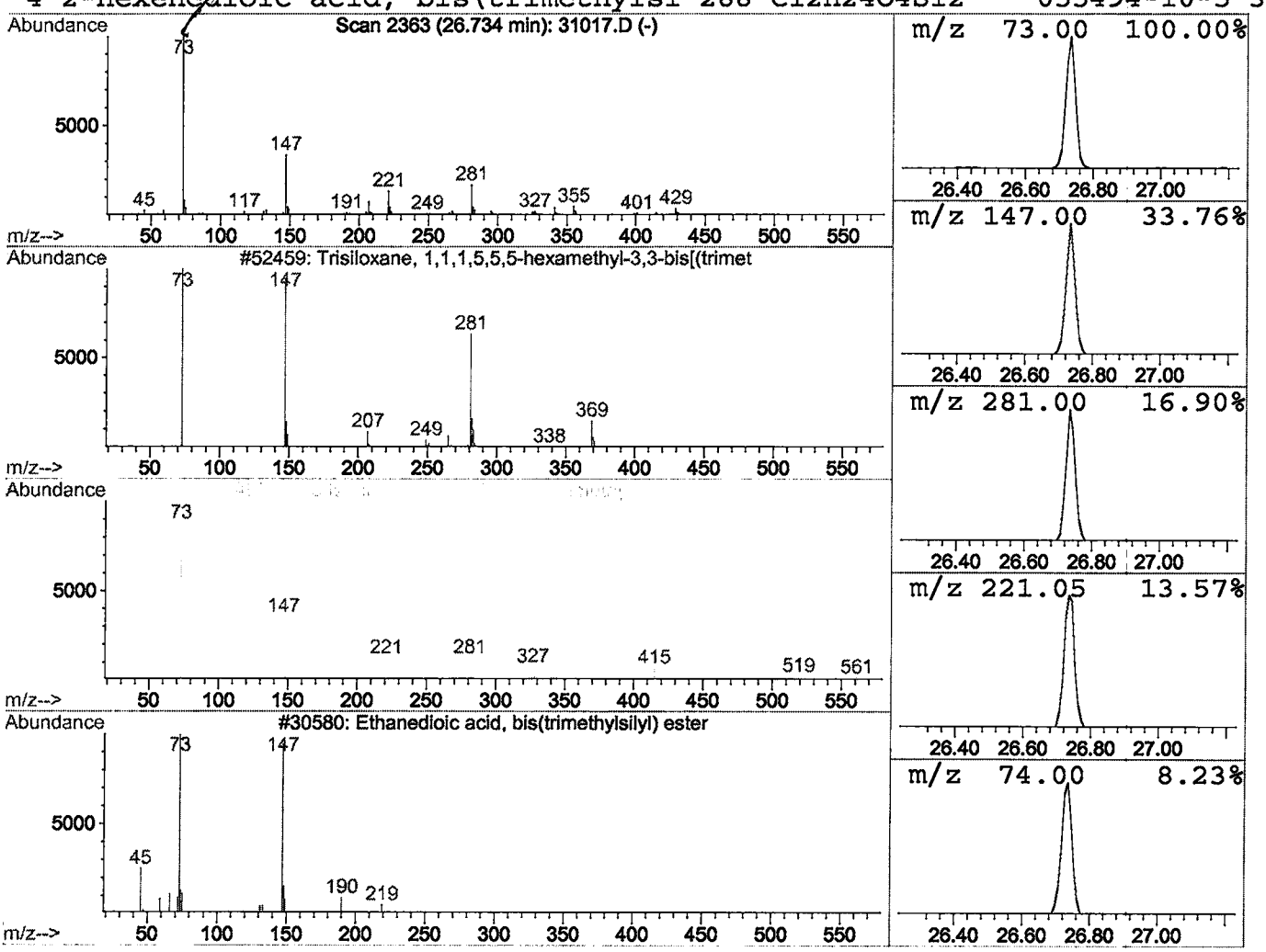
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	0.43 ug/l	149083	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	42
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
4	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	32



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MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

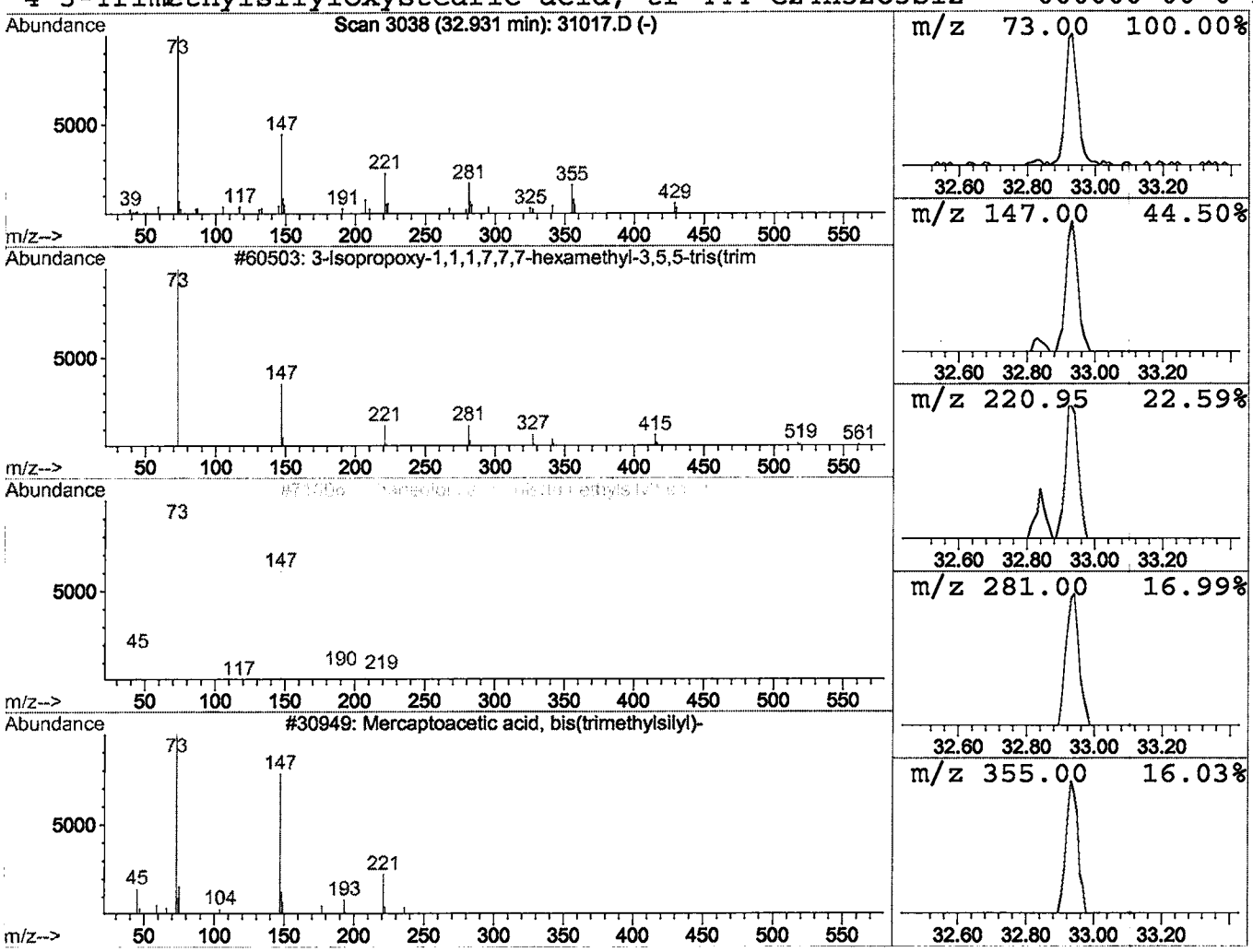
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.93	0.47 ug/l	106823	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	25
3	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	17
4	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	17



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Jan 2002 1:02 am
Data File: C:\HPCHEM\1\DATA\JAN0802\31017.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	3.9	ug/l	997677	ISTD01	11.52	5182100	20.0
Cyclotetrasiloxane,	11.00	1.5	ug/l	379147	ISTD01	11.52	5182100	20.0
Cyclopentasiloxane,	14.17	2.3	ug/l	733489	ISTD02	15.12	6517410	20.0
1,1,1,5,7,7,7-Heptam	17.31	3.1	ug/l	999615	ISTD02	15.12	6517410	20.0
Trisiloxane, 1,1,1,5	20.12	1.9	ug/l	643988	ISTD03	20.39	6879470	20.0
Benzoic acid, 4-etho	20.85	0.9	ug/l	298117	ISTD03	20.39	6879470	20.0
N-(Trifluoroacetyl)-	22.64	1.1	ug/l	379947	ISTD04	24.81	6860980	20.0
Trisiloxane, 1,1,1,5	26.73	0.4	ug/l	149083	ISTD04	24.81	6860980	20.0
3-Isopropoxy-1,1,1,7	32.93	0.5	ug/l	106823	ISTD05	32.84	4594240	20.0

31017.D GCMS0103.M Wed Jan 09 12:04:05 2002