User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:58:05

Sample: AD30902
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:57 Ended: 1/18/02 17:57 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		5.0

Comments for Sample AD30902 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:58:56

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\30902.D Vial: 20
Acq On : 9 Jan 2002 7:51 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 10:19 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	11.53	152	811481	20.00	ug/l	0.00
10) Naphthalene-d8	15.13	136	3130449	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1513855	20.00	ug/l	0.00
29) Phenanthrene-d10	24.80	188	2230954	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1342803	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	776732	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	114999	4.49	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 89.80%			
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	12.81	77	1335	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.19	128	1305	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	20.12	163	266	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	20.41	153	114	N.D.		
24) 2,4-Dinitrotoluene	20.85	165	2177	N.D.		
25) Diethylphthalate	21.91	149	980	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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\30902.D Vial: 20
Acq On : 9 Jan 2002 7:51 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 10:19 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

	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	24.88	178	210	N.D.	
34)	Anthracene	24.88	178	210	N.D.	
35)	Di-n-butylphthalate	26.82	149	5517	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.57	149	429	N.D.	
41)	Benzo(a)anthracene	32.84	228	3378	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.14	149	4475	N.D.	
43)	Chrysene	32.91	228	286	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	36.90	252	3217	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

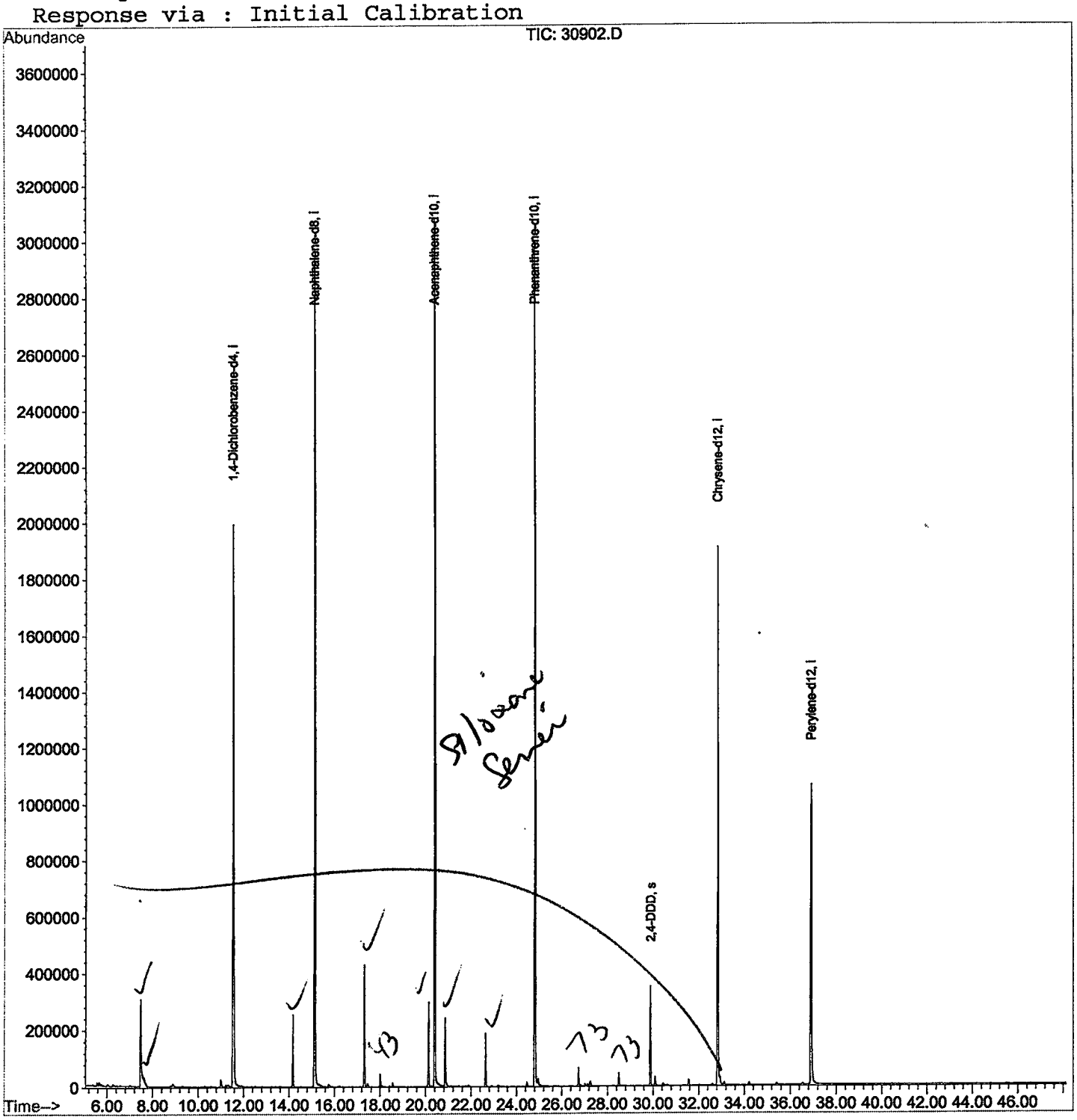
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0802\30902.D
Acq On : 9 Jan 2002 7:51 am
Sample : gcms scan 12/20a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 9 10:19 2002

Vial: 20
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



LSC Area Percent Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30902.D Vial: 20
Acq On : 9 Jan 2002 7:51 am Operator: 209 GALOS
Sample : gcms scan 12/20a 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

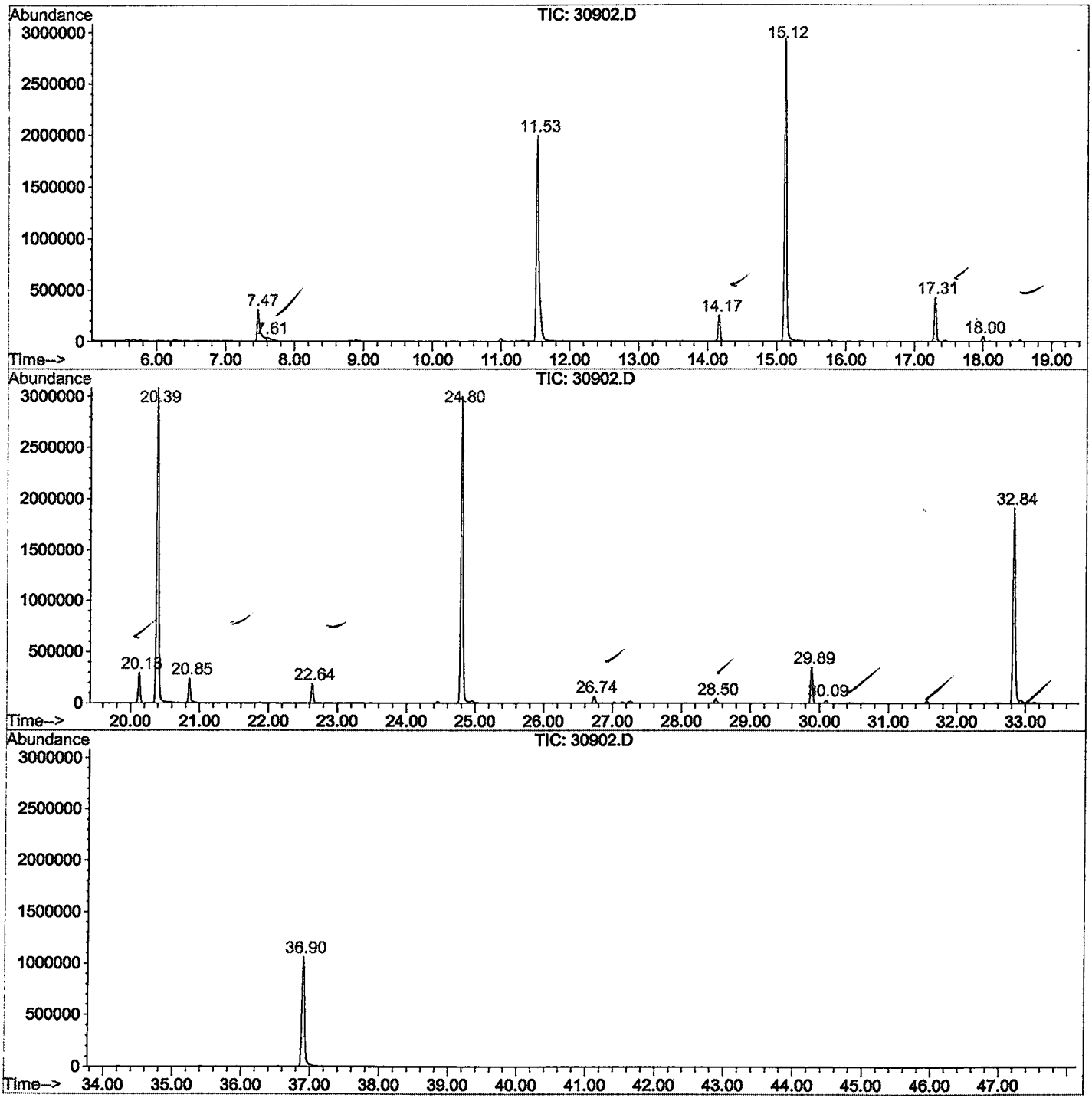
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.470	260	264	277	rBV	305131	851095	12.78%	2.309%
2	7.608	277	279	297	rVB2	32303	140208	2.10%	0.380%
3	11.528	701	706	727	rBV	1993048	5135220	77.09%	13.930%
4	14.172	985	994	1000	rBV	252249	500320	7.51%	1.357%
5	15.117	1092	1097	1116	rBV	2934977	6395738	96.01%	17.350%
6	17.311	1328	1336	1344	rBV	427901	866912	13.01%	2.352%
7	18.000	1407	1411	1416	rBV	44478	85553	1.28%	0.232%
8	20.130	1637	1643	1650	rVB	294600	591089	8.87%	1.603%
9	20.387	1665	1671	1683	rBV	3080761	6661235	100.00%	18.070%
10	20.855	1717	1722	1734	rVB	236423	486572	7.30%	1.320%
11	22.636	1910	1916	1923	rBV	186552	359623	5.40%	0.976%
12	24.802	2146	2152	2165	rBV2	2996277	6590503	98.94%	17.878%
13	26.740	2357	2363	2368	rBV	64811	131452	1.97%	0.357%
14	28.502	2550	2555	2564	rVB	46086	95412	1.43%	0.259%
15	29.888	2700	2706	2712	rBV	349578	718179	10.78%	1.948%
16	30.090	2721	2728	2737	rBV	32028	70429	1.06%	0.191%
17	32.835	3020	3027	3035	rBV2	1908380	4289104	64.39%	11.635%
18	36.902	3463	3470	3488	rBV2	1058513	2895288	43.46%	7.854%

Sum of corrected areas: 36863932

30902.D GCMS0103.M Thu Jan 10 15:54:52 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\JAN0802\30902.D
Operator : 209 GALOS
Acquired : 9 Jan 2002 7:51 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/20a
Misc Info :
Vial Number: 20
Quant File :GCMS0103.RES (RTE Integrator)



30902.D GCMS0103.M Thu Jan 10 15:54:59 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30902.D
Acq On : 9 Jan 2002 7:51 am
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

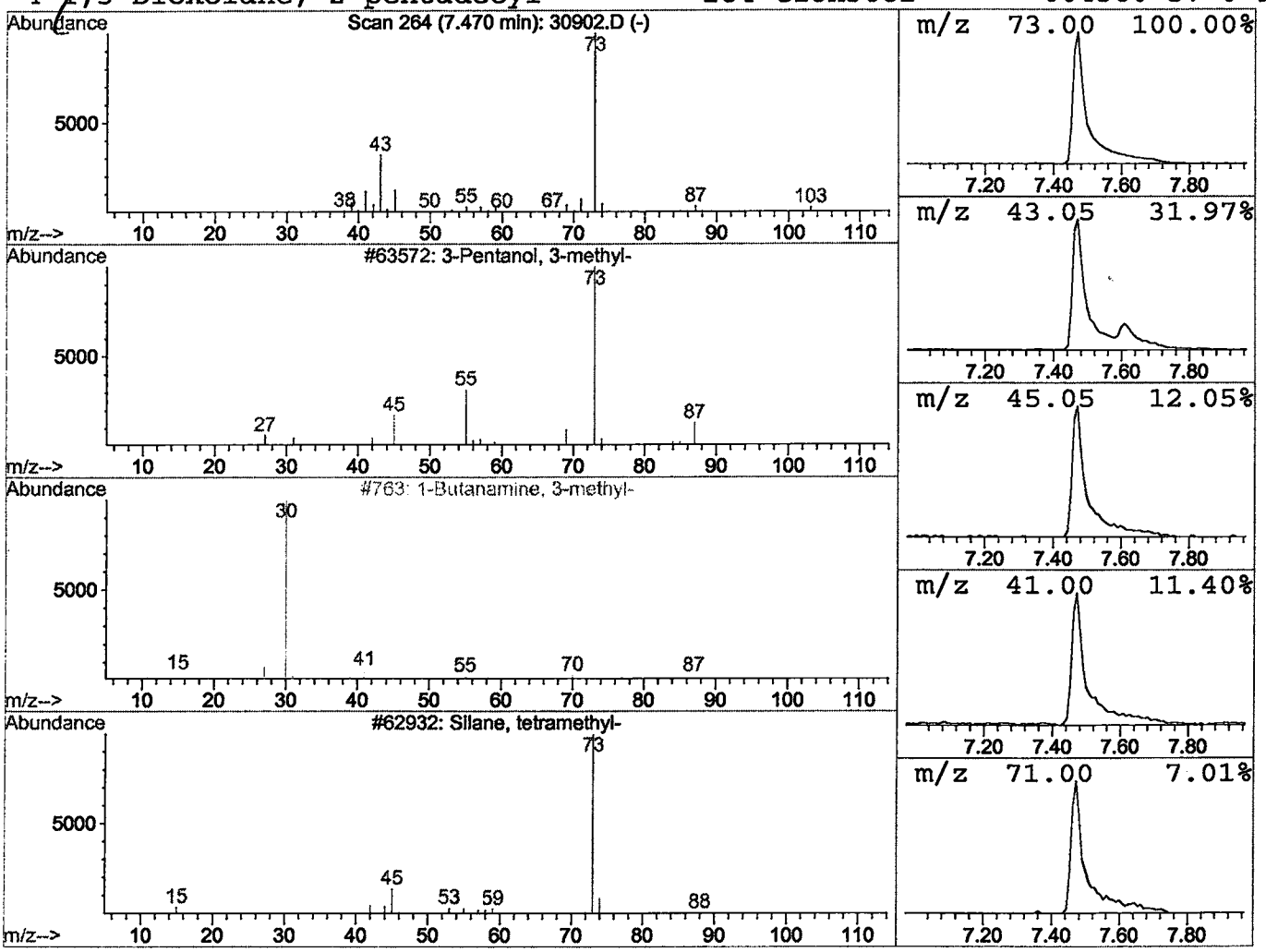
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.31 ug/l	851095	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30902.D
Acq On : 9 Jan 2002 7:51 am
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

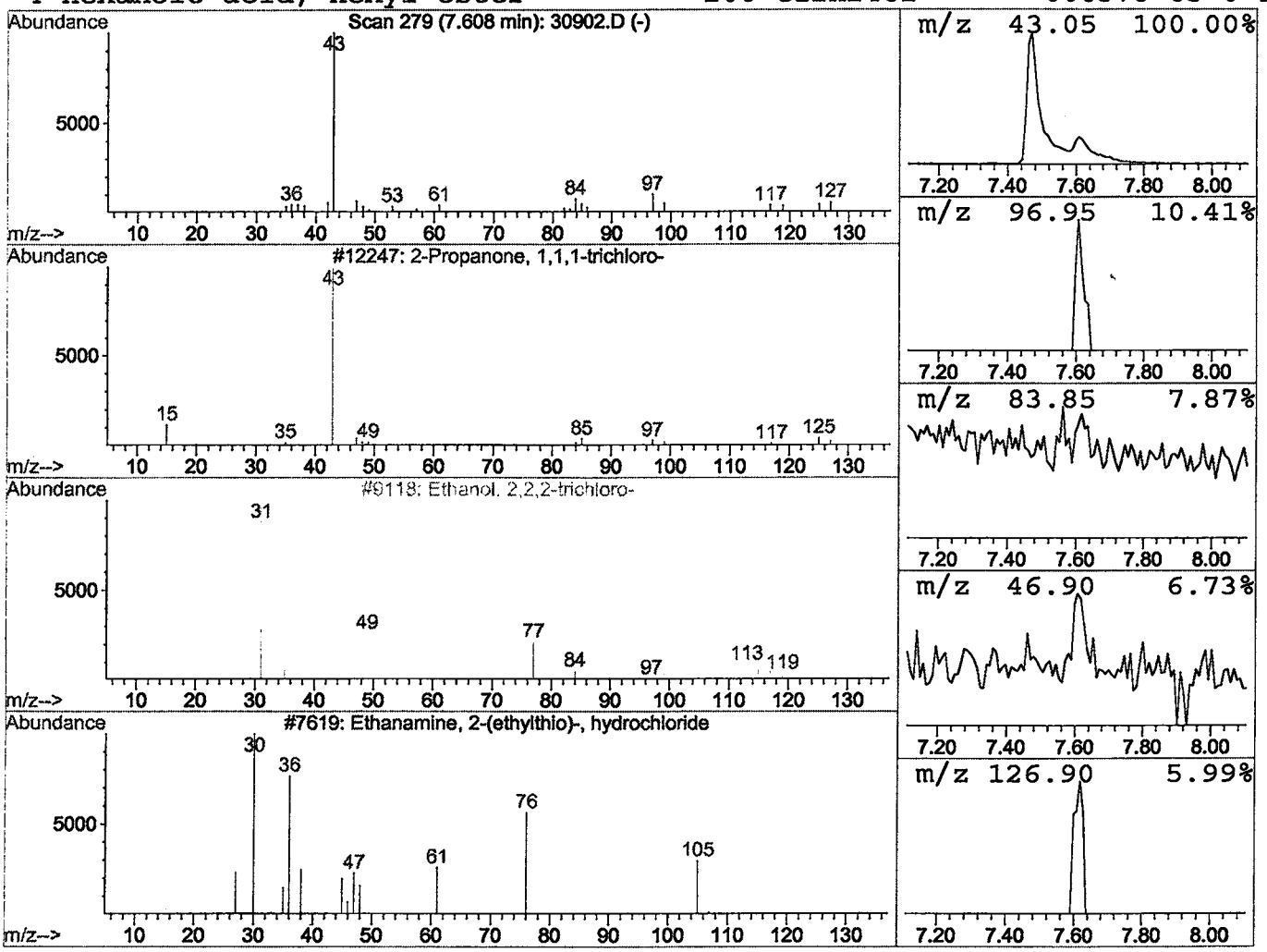
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	0.55 ug/l	140208	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	33
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
3	Ethanamine, 2-(ethylthio)-, hydroch	141	C4H12ClNS	054303-30-9	9
4	Hexanoic acid, hexyl ester	200	C12H24O2	006378-65-0	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30902.D
Acq On : 9 Jan 2002 7:51 am
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

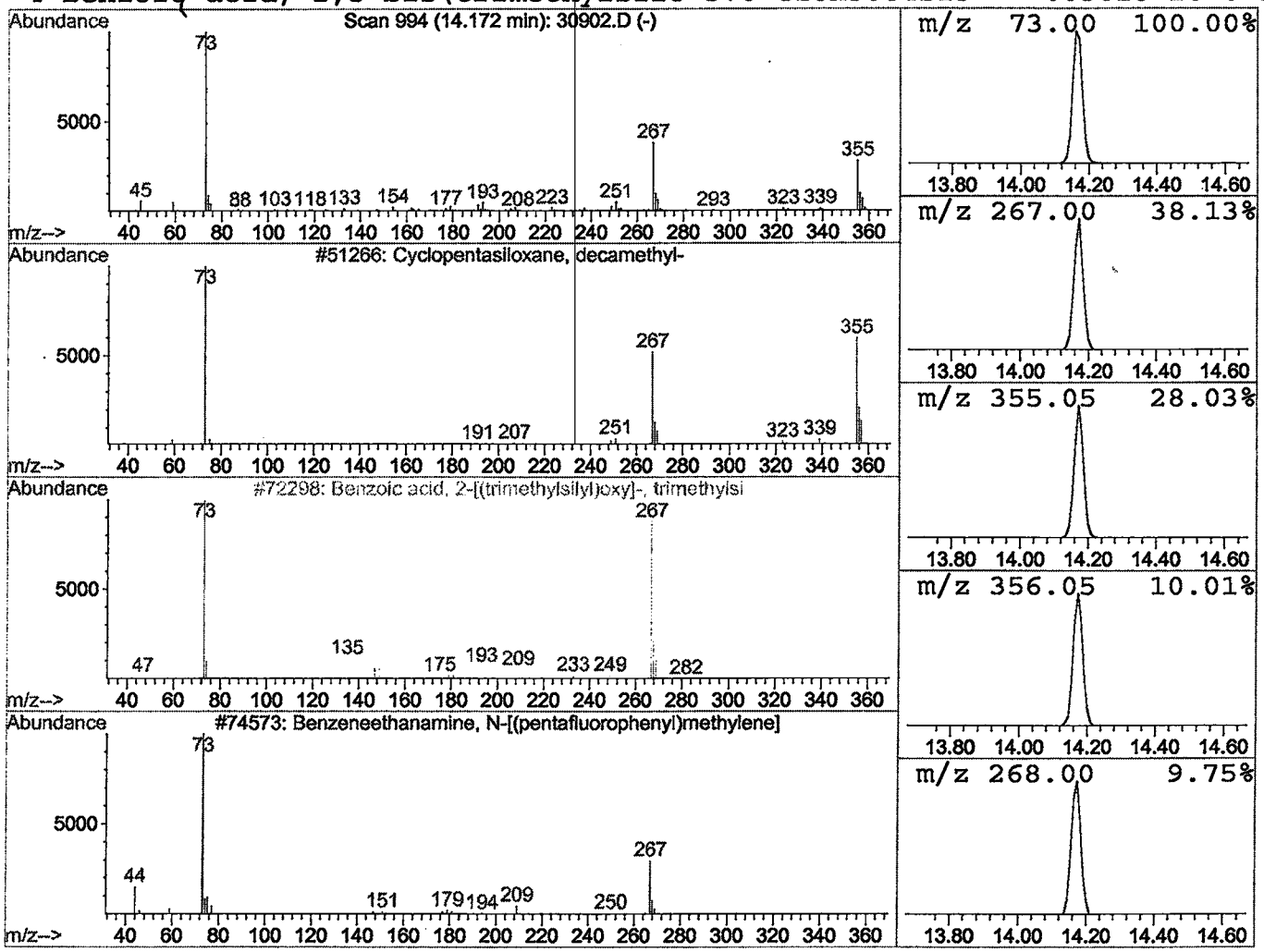
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	1.56 ug/l	500320	Naphthalene-d8	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	47
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	38
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	35



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30902.D Vial: 20
Acq On : 9 Jan 2002 7:51 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

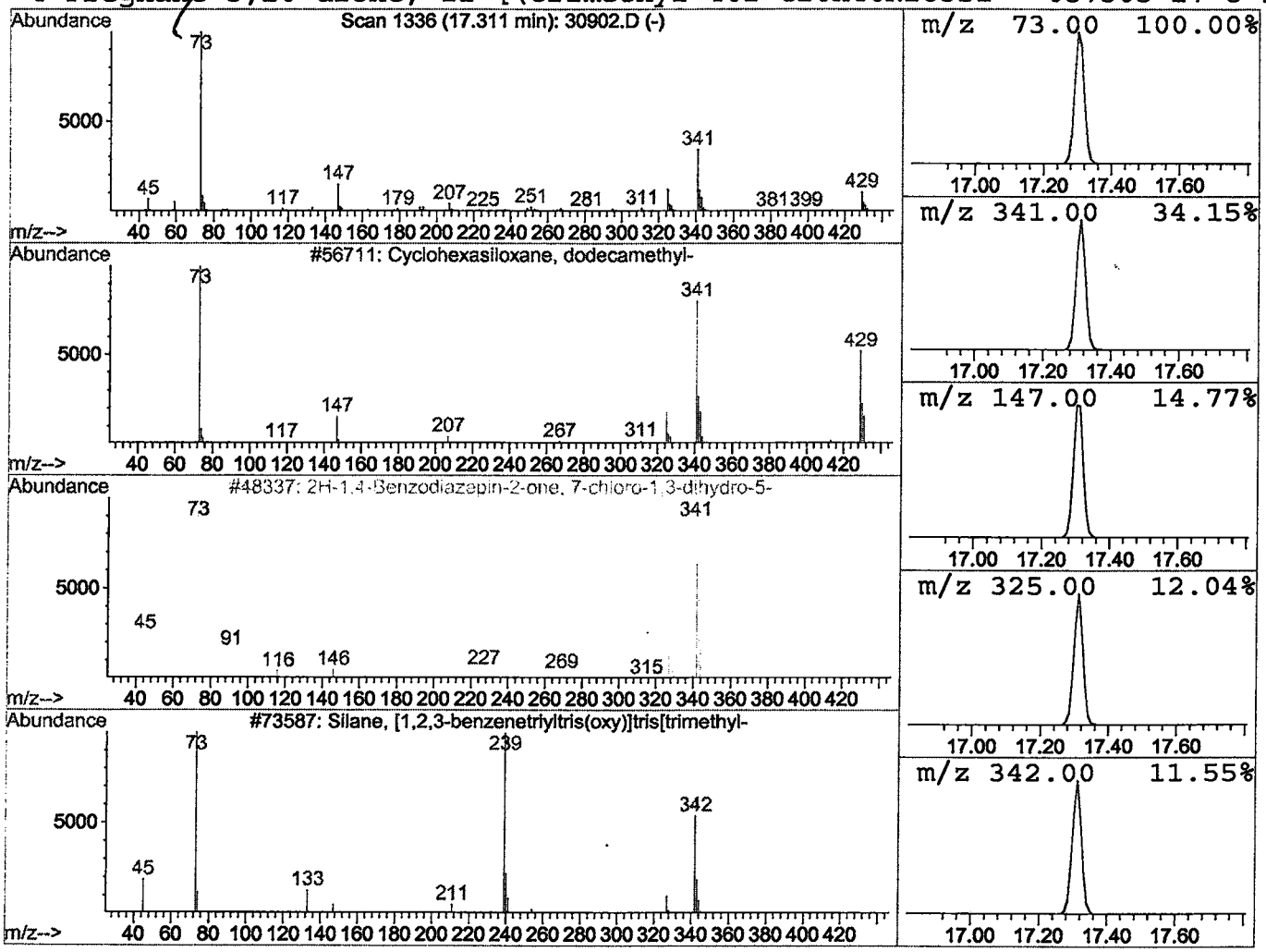
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclohexasiloxane, dodecamethy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	2.71 ug/l	866912	Naphthalene-d8	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	45
2	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
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	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30902.D
Acq On : 9 Jan 2002 7:51 am
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

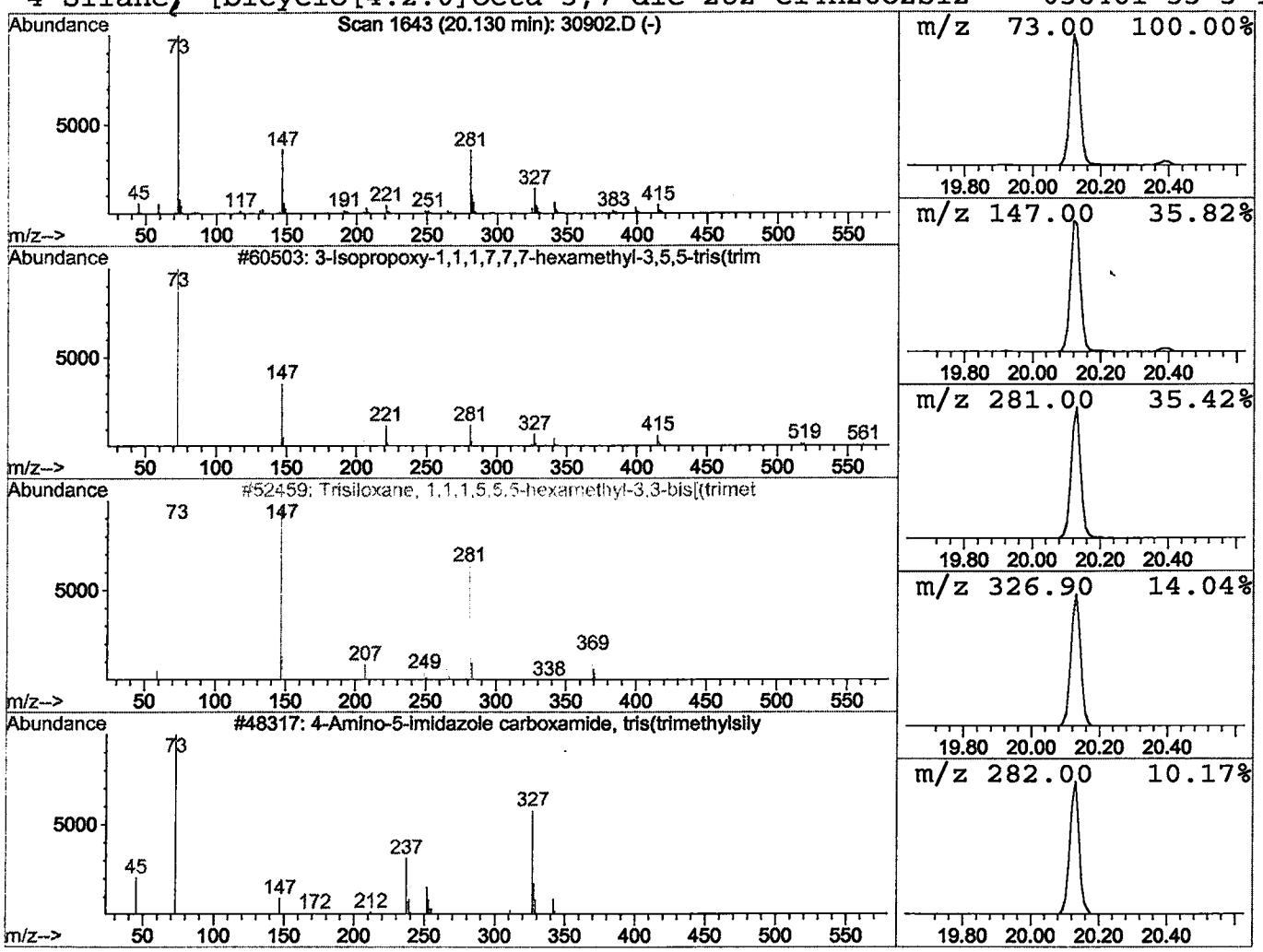
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	1.77 ug/l	591089	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	38
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	36
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	22
4	Silane, [bicyclo[4.2.0]octa-3,7-die	282	C14H26O2Si2	036461-33-3	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30902.D Vial: 20
Acq On : 9 Jan 2002 7:51 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

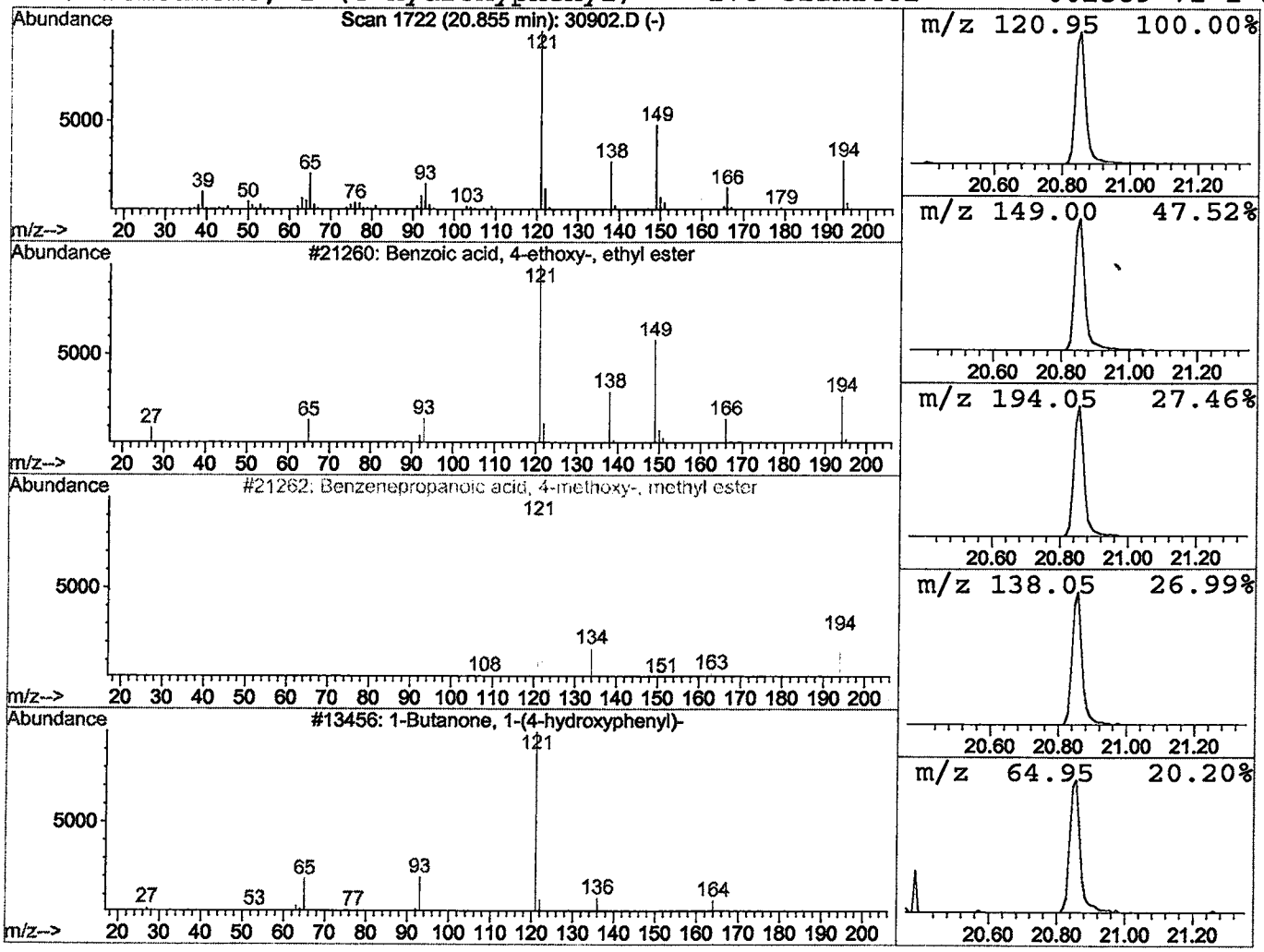
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	1.46 ug/l	486572	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	Benzenepropanoic acid, 4-methoxy-,	194	C11H14O3	015823-04-8	43
3	1-Butanone, 1-(4-hydroxyphenyl)-	164	C10H12O2	001009-11-6	38
4	2-Pentanone, 1-(4-hydroxyphenyl)-	178	C11H14O2	002589-71-1	38



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30902.D
Acq On : 9 Jan 2002 7:51 am
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

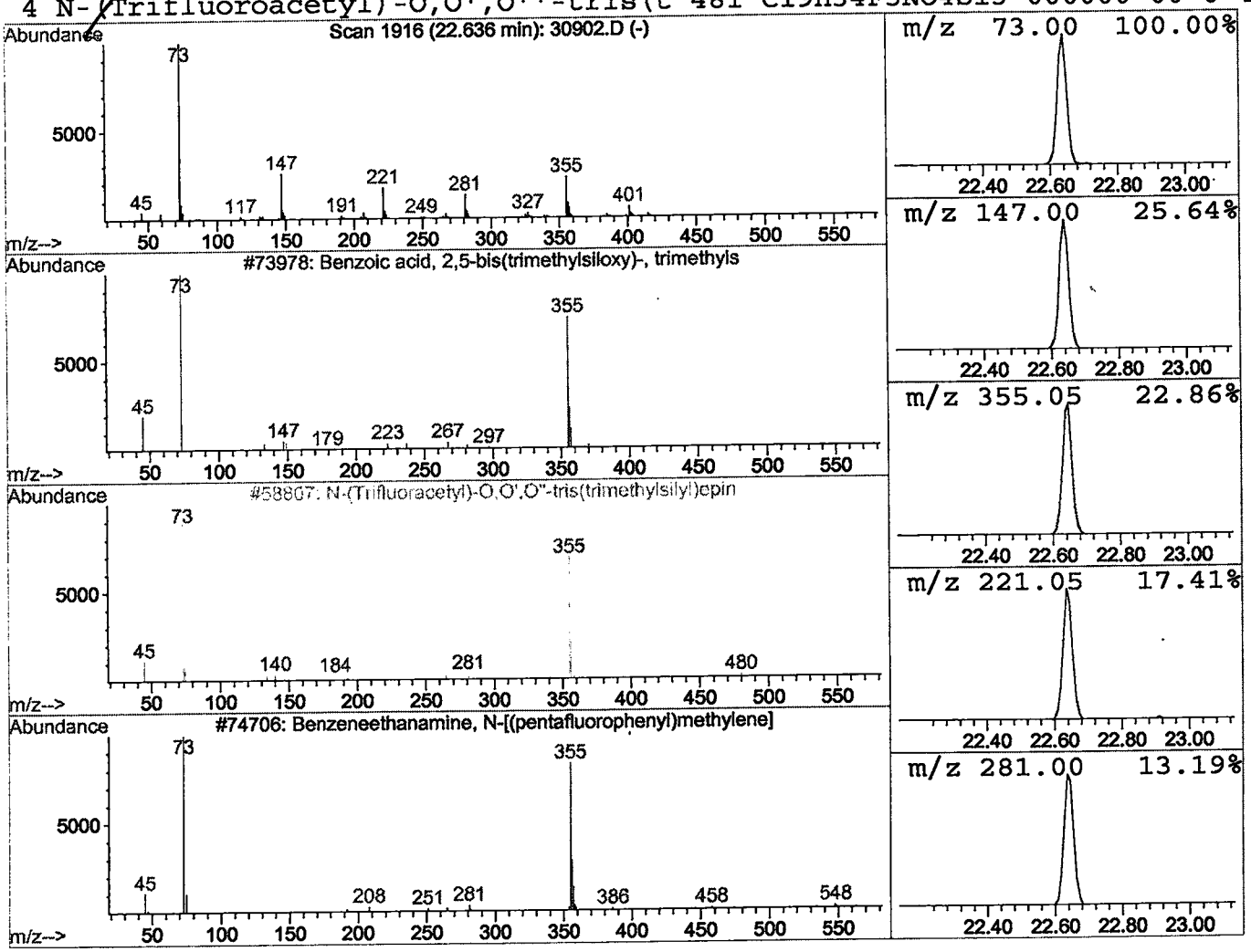
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Benzoic acid, 2,5-bis(trimethy Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	1.09 ug/l	359623	Phenanthrene-d10	24.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
2	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	43
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	43
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Jan 2002 7:51 am
Data File: M:\INSTRU~1\209\DATA\JAN0802\30902.D
Name: gcms scan 12/20a
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	7.47	3.3	ug/l	851095	ISTD01	11.53	5135220	20.0
2-Propanone, 1,1,1-t	7.61	0.5	ug/l	140208	ISTD01	11.53	5135220	20.0
Cyclopentasiloxane,	14.17	1.6	ug/l	500320	ISTD02	15.13	6395740	20.0
Cyclohexasiloxane, d	17.31	2.7	ug/l	866912	ISTD02	15.13	6395740	20.0
3-Isopropoxy-1,1,1,7	20.13	1.8	ug/l	591089	ISTD03	20.39	6661240	20.0
Benzoic acid, 4-etho	20.86	1.5	ug/l	486572	ISTD03	20.39	6661240	20.0
Benzoic acid, 2,5-bi	22.64	1.1	ug/l	359623	ISTD04	24.80	6590500	20.0

30902.D GCMS0103.M Thu Jan 10 15:55:44 2002