User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:33:47

Sample: AD31076
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:33 Ended: 1/18/02 17:33 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Comments for Sample AD31076 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:34:14

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\31076.D Vial: 9
Acq On : 8 Jan 2002 9:09 pm 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 10:15 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	742895	20.00	ug/l	0.00
10) Naphthalene-d8	15.13	136	2878221	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1391050	20.00	ug/l	0.00
29) Phenanthrene-d10	24.80	188	2014543	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1165047	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	654302	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	102904	4.45	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 89.00%			
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	13.91	82	209	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	15.18	128	1103	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	19.82	163	207	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	19.94	152	108	N.D.		
23) Acenaphthene	20.48	153	346	N.D.		
24) 2,4-Dinitrotoluene	20.85	165	611	N.D.		
25) Diethylphthalate	21.92	149	1172	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\JAN0802\31076.D Vial: 9
Acq On : 8 Jan 2002 9:09 pm 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 10:15 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	24.87	178	927	N.D.	
34)	Anthracene	25.01	178	461	N.D.	
35)	Di-n-butylphthalate	26.83	149	4076	N.D.	
36)	Fluoranthene	28.52	202	464	N.D.	
39)	Pyrene	29.17	202	445	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	32.84	228	5133	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.14	149	1648	N.D.	
43)	Chrysene	32.84	228	5133	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.88	252	185	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	36.89	252	2735	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.	

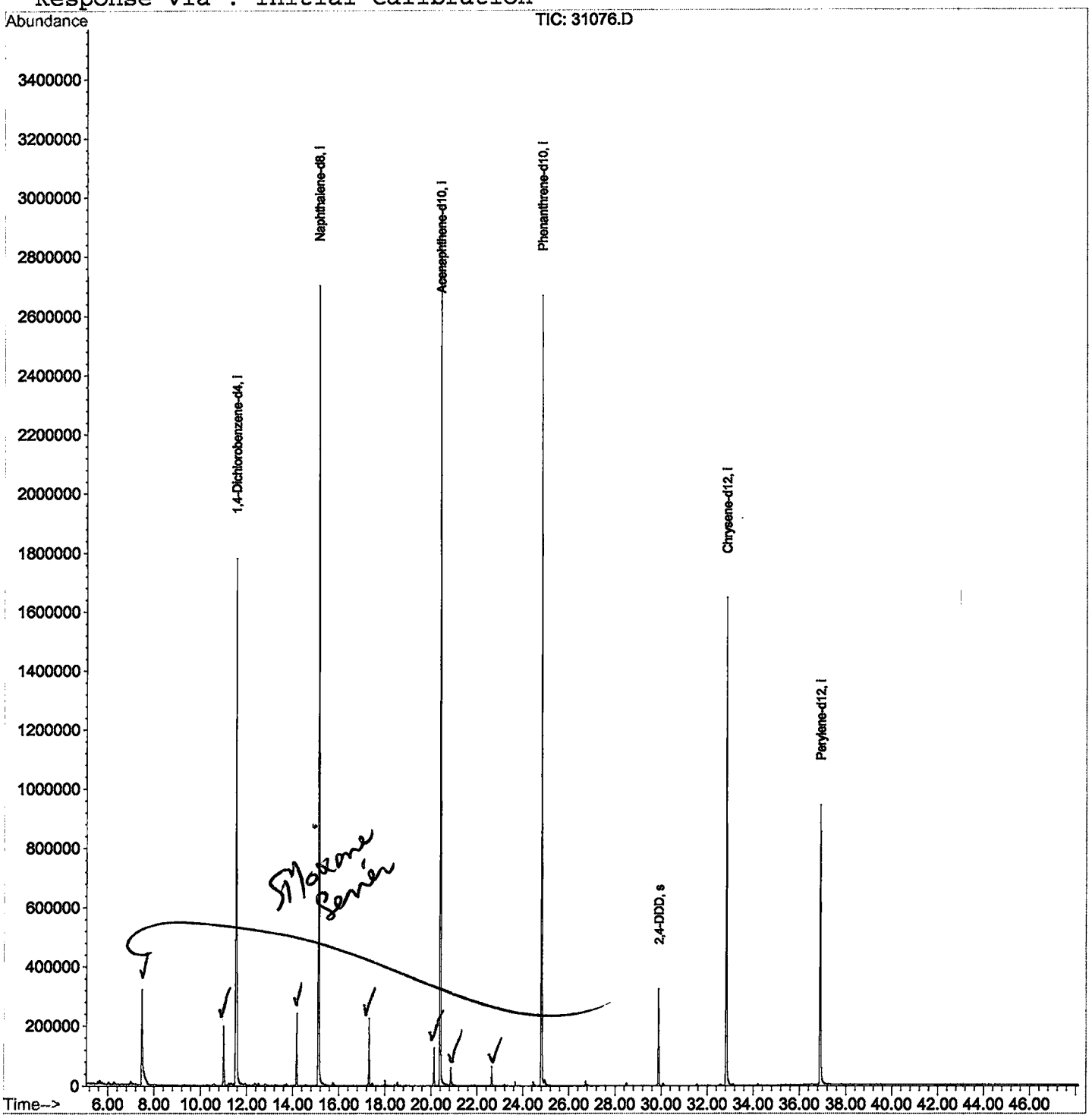
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31076.D
Acq On : 8 Jan 2002 9:09 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 9 10:15 2002

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31076.D Vial: 9
Acq On : 8 Jan 2002 9:09 pm 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

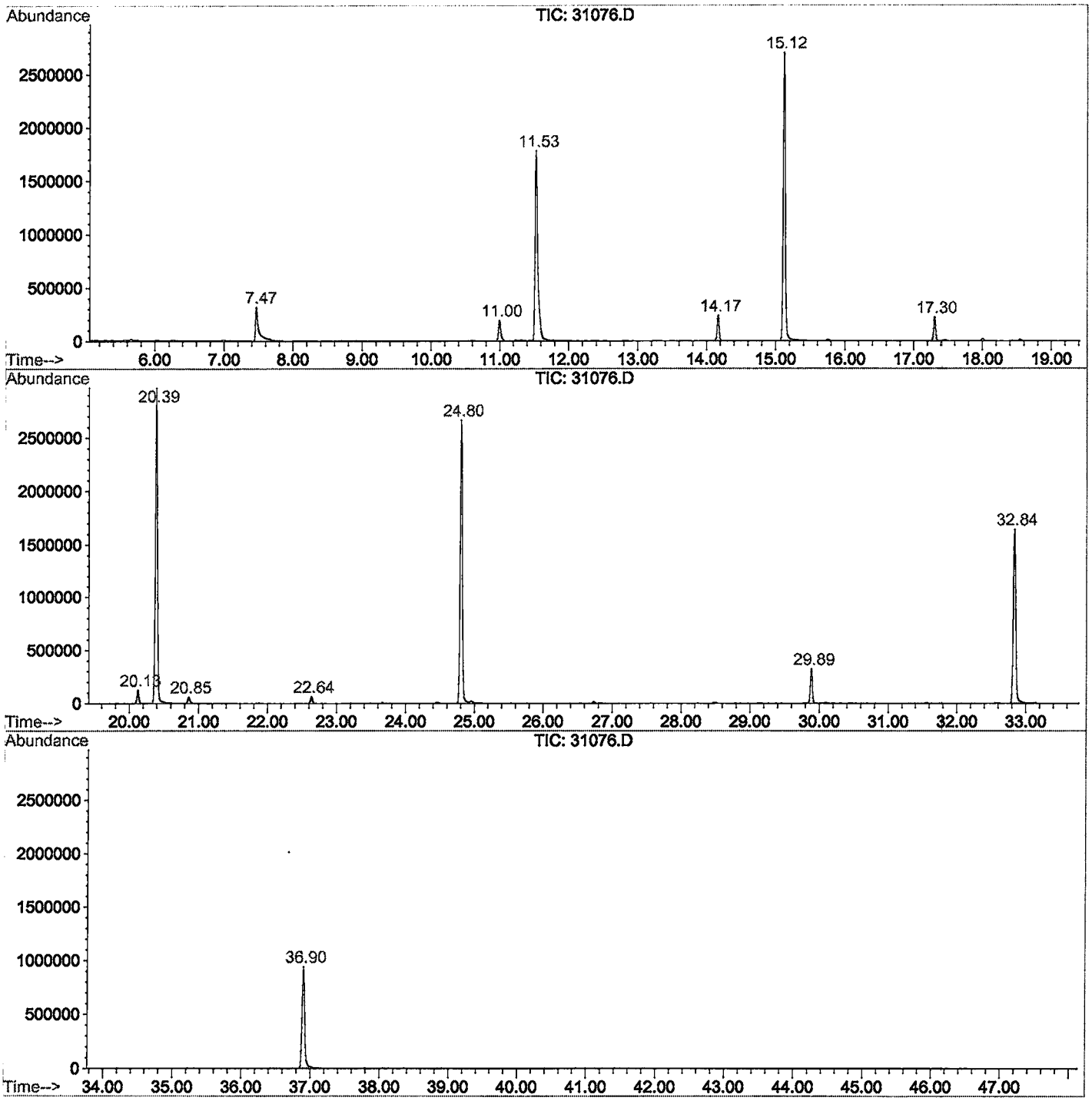
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.470	260	264	295	rBV	317739	1058014	17.12%	3.259%
2	10.995	643	648	657	rBV	196551	454777	7.36%	1.401%
3	11.528	701	706	725	rBV	1780887	4776004	77.29%	14.711%
4	14.172	988	994	999	rVB	240701	471552	7.63%	1.453%
5	15.117	1092	1097	1116	rBV	2701607	5900925	95.49%	18.176%
6	17.302	1326	1335	1342	rBV	224742	453367	7.34%	1.396%
7	20.130	1636	1643	1648	rBV	126391	245848	3.98%	0.757%
8	20.387	1665	1671	1692	rBV	2972073	6179724	100.00%	19.035%
9	20.855	1718	1722	1733	rBV	58315	124542	2.02%	0.384%
10	22.636	1911	1916	1922	rBV	64185	120840	1.96%	0.372%
11	24.802	2146	2152	2164	rBV2	2667553	5764994	93.29%	17.758%
12	29.888	2700	2706	2712	rBV	323256	649503	10.51%	2.001%
13	32.835	3020	3027	3048	rBV2	1644995	3802896	61.54%	11.714%
14	36.902	3463	3470	3489	rBV	939353	2461801	39.84%	7.583%

Sum of corrected areas: 32464787

31076.D GCMS0103.M Wed Jan 09 12:29:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0802\31076.D
Operator : 209 GALOS
Acquired : 8 Jan 2002 9:09 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/20
Misc Info :
Vial Number: 9
Quant File :GCMS0103.RES (RTE Integrator)



31076.D GCMS0103.M Wed Jan 09 12:29:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31076.D
Acq On : 8 Jan 2002 9:09 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

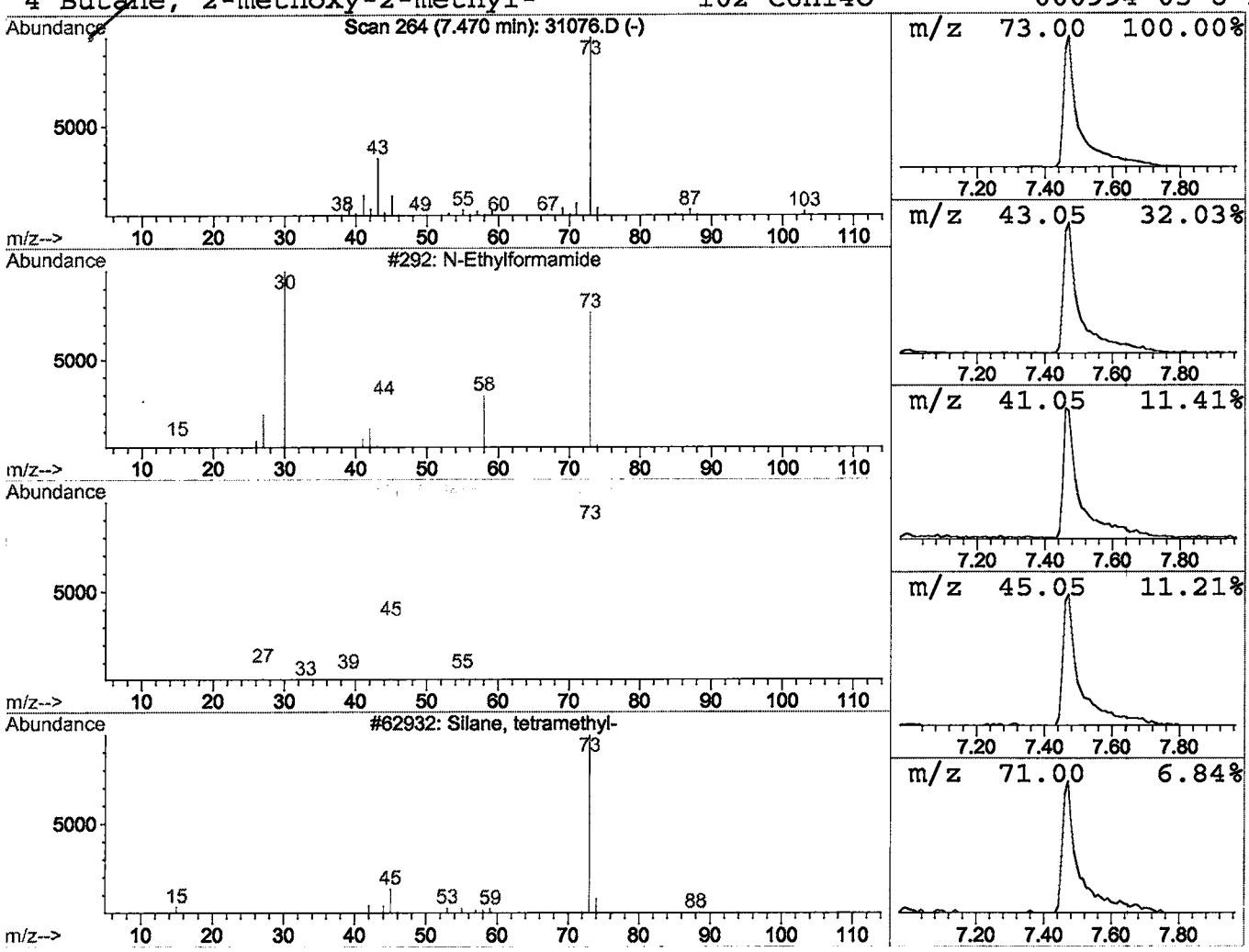
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.43 ug/l	1058010	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31076.D
Acq On : 8 Jan 2002 9:09 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

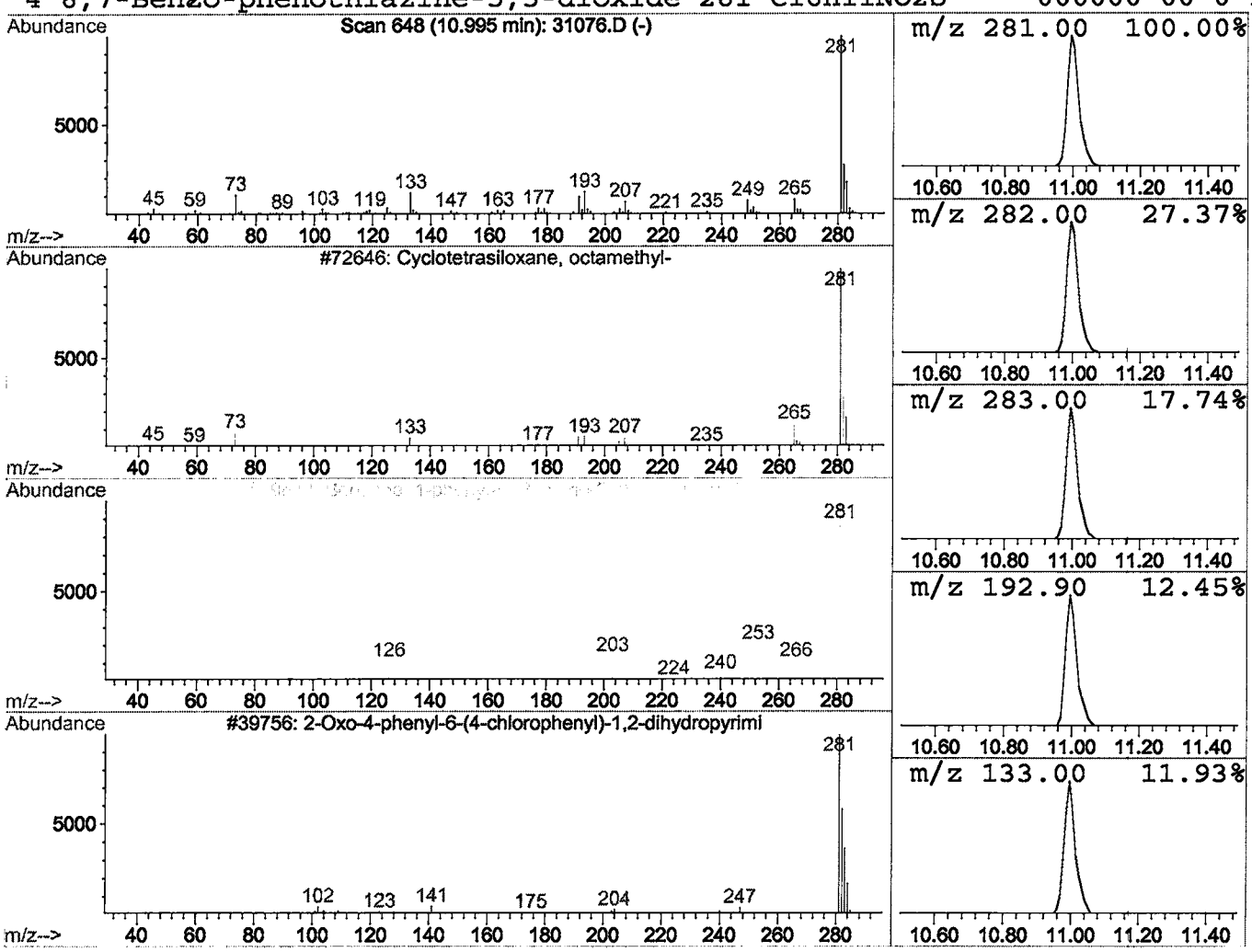
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	1.90 ug/l	454777	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	72
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	50
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

Data File : C:\HPCHEM\1\DATA\JAN0802\31076.D Vial: 9
Acq On : 8 Jan 2002 9:09 pm Operator: 209 GALOS
Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

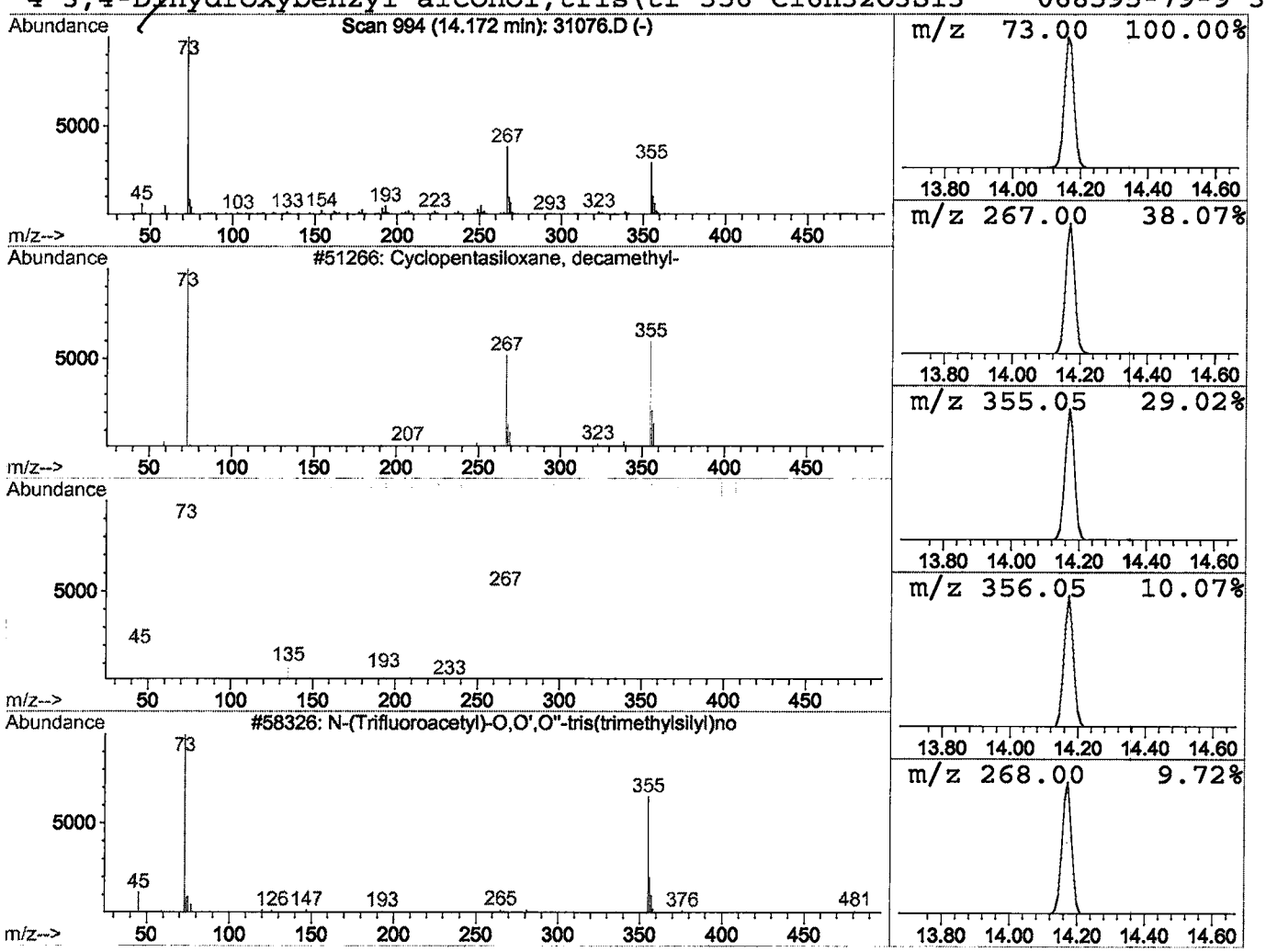
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	1.60 ug/l	471552	Naphthalene-d8	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	43
2	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	38
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	35
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31076.D
Acq On : 8 Jan 2002 9:09 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

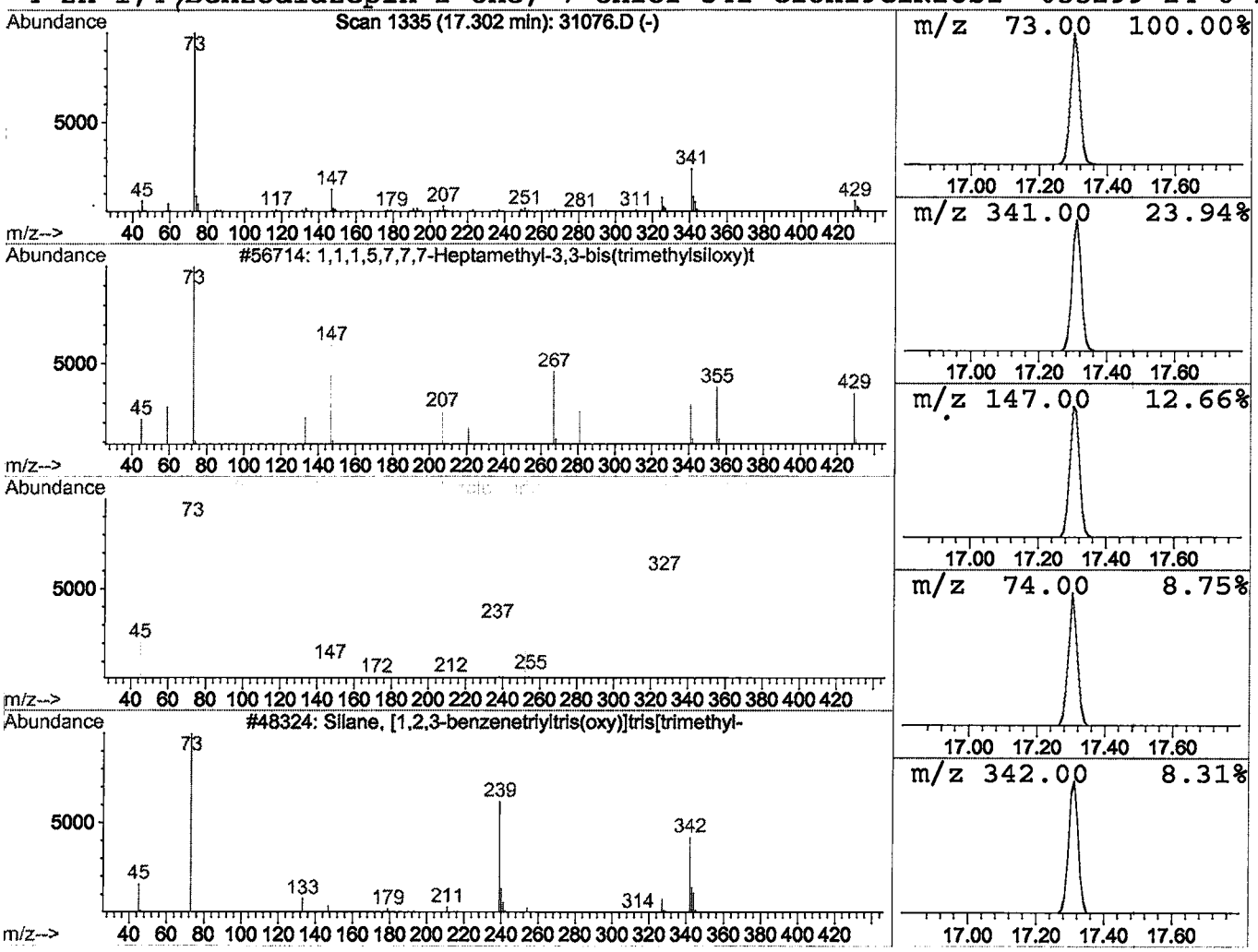
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	1.54 ug/l	453367	Naphthalene-d8	15.13

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	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	23
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	12
4	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31076.D
Acq On : 8 Jan 2002 9:09 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

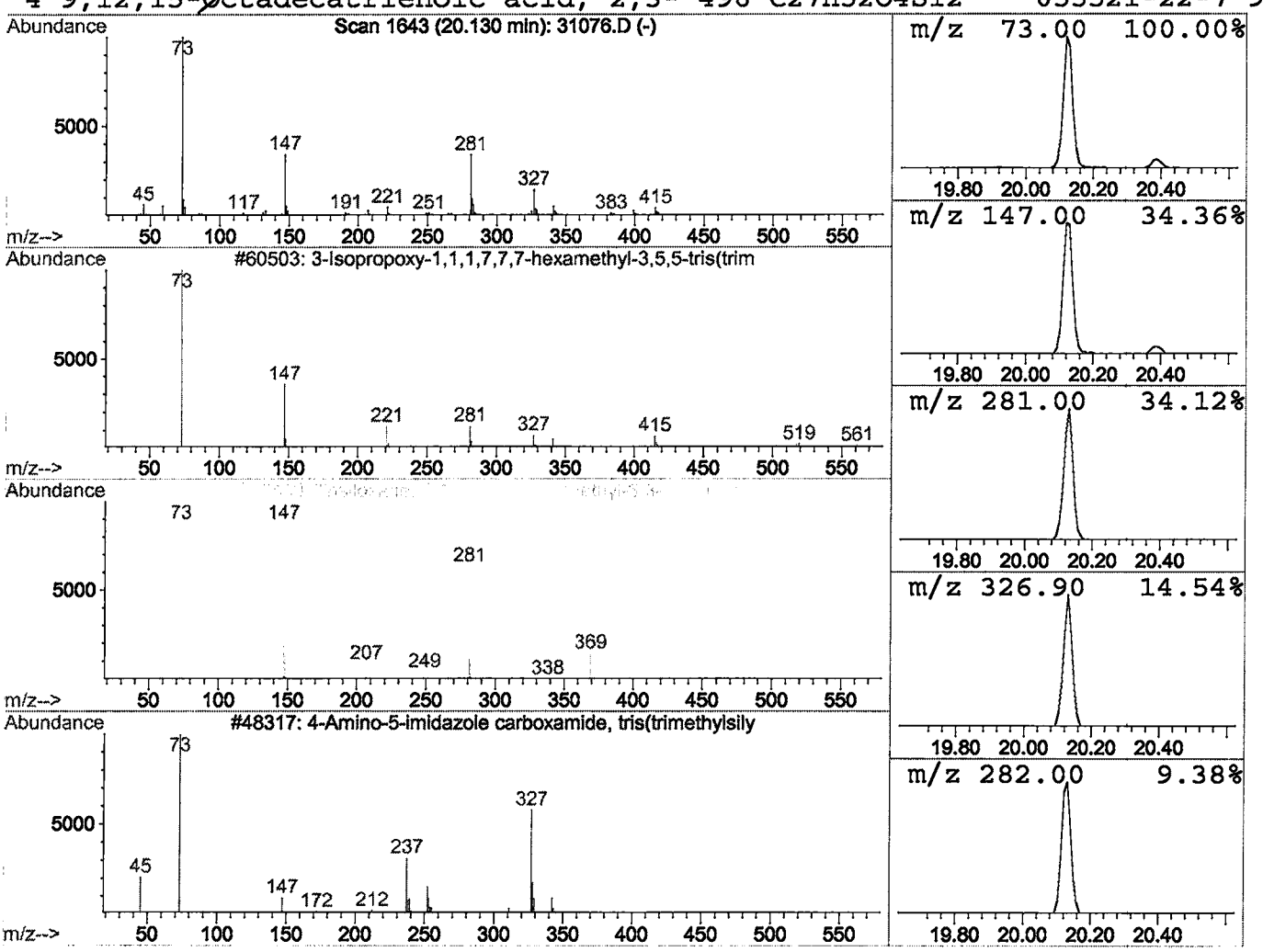
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	0.80 ug/l	245848	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	37
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	10
4	9,12,15-Octadecatrienoic acid, 2,3-	496	C27H52O4Si2	055521-22-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31076.D Vial: 9
Acq On : 8 Jan 2002 9:09 pm Operator: 209 GALOS
Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

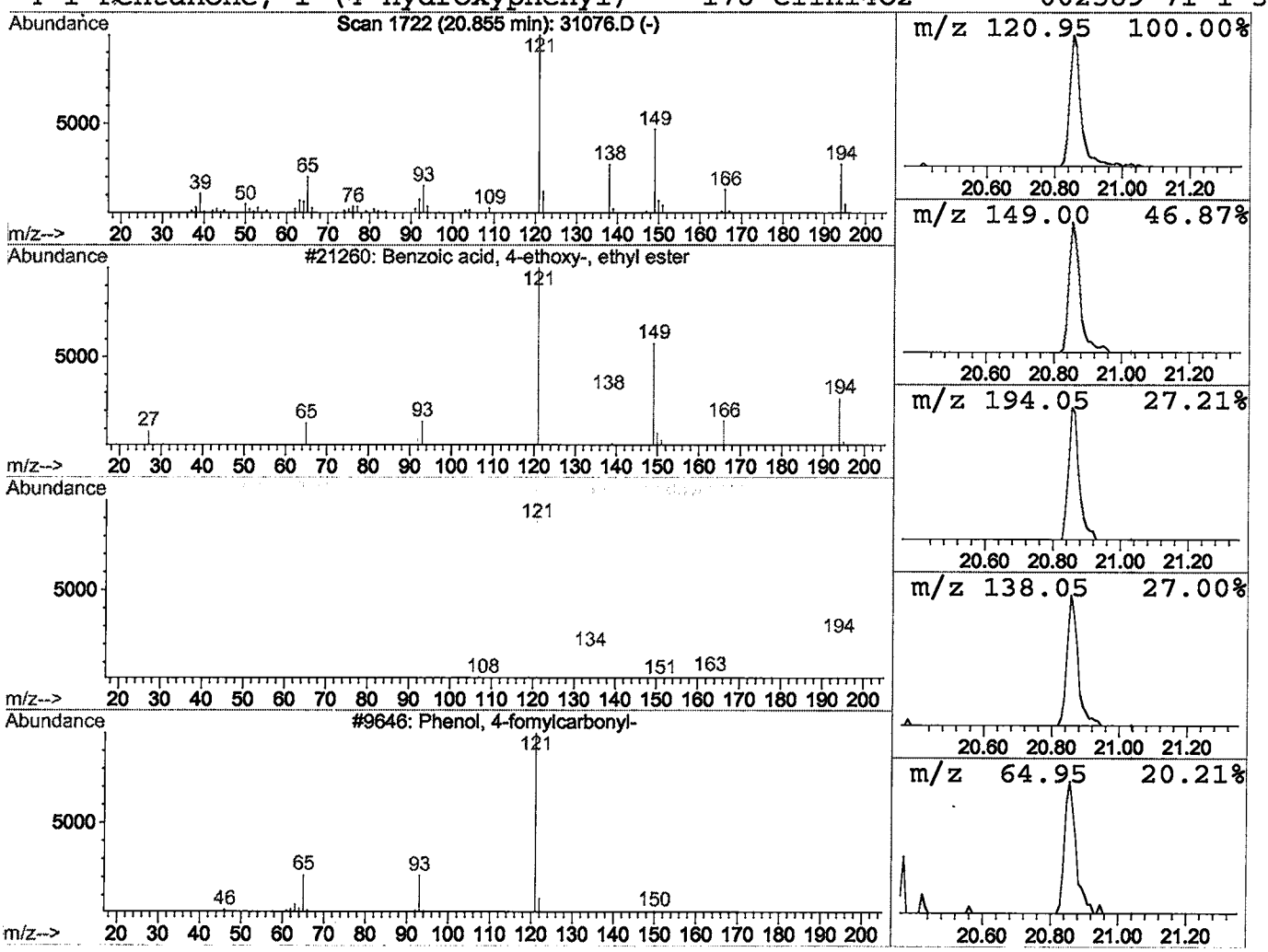
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	0.40 ug/l	124542	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	Phenol, 4-fomylcarbonyl-	150	C8H6O3	000000-00-0	38
4	1-Pentanone, 1-(4-hydroxyphenyl)-	178	C11H14O2	002589-71-1	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31076.D
Acq On : 8 Jan 2002 9:09 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 9
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

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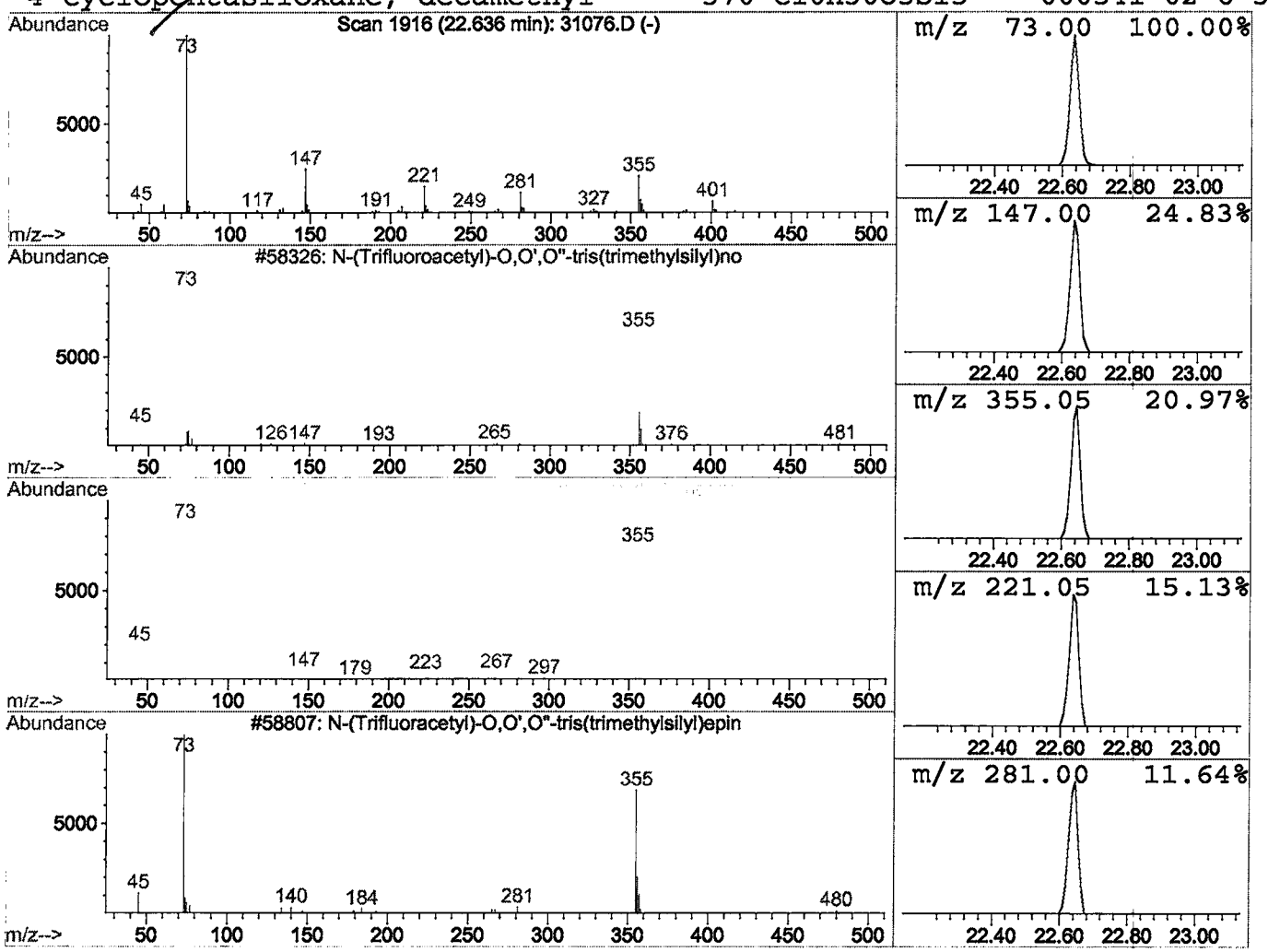
Peak Number 7 N-(Trifluoroacetyl)-O,O',O''-t Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.42 ug/l	120840	Phenanthrene-d10	24.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
3	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	43
4	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	37



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 8 Jan 2002 9:09 pm
Data File: C:\HPCHEM\1\DATA\JAN0802\31076.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
N-Ethylformamide	7.47	4.4	ug/l	1058010	ISTD01	11.53	4776000	20.0
Cyclotetrasiloxane,	11.00	1.9	ug/l	454777	ISTD01	11.53	4776000	20.0
Cyclopentasiloxane,	14.17	1.6	ug/l	471552	ISTD02	15.13	5900930	20.0
1,1,1,5,7,7,7-Heptam	17.30	1.5	ug/l	453367	ISTD02	15.13	5900930	20.0
3-Isopropoxy-1,1,1,7	20.13	0.8	ug/l	245848	ISTD03	20.39	6179720	20.0
Benzoic acid, 4-etho	20.85	0.4	ug/l	124542	ISTD03	20.39	6179720	20.0
N-(Trifluoroacetyl)-	22.64	0.4	ug/l	120840	ISTD04	24.80	5764990	20.0

31076.D GCMS0103.M Wed Jan 09 12:30:32 2002