User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:30:44

Sample: AD31075
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:30 Ended: 1/18/02 17:30 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		5.0

Comments for Sample AD31075 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:31:18

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\31075.D Vial: 11
Acq On : 8 Jan 2002 11:06 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 10:16 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	11.53	152	755487	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	2928043	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1422916	20.00	ug/l	0.00
29) Phenanthrene-d10	24.80	188	2066268	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1201400	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	675632	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	100303	4.23	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 84.60%			
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	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	15.18	128	1126	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	20.13	163	114	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	20.39	153	109	N.D.		
24) 2,4-Dinitrotoluene	20.99	165	175	N.D.		
25) Diethylphthalate	21.92	149	641	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\31075.D Vial: 11
Acq On : 8 Jan 2002 11:06 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 10:16 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

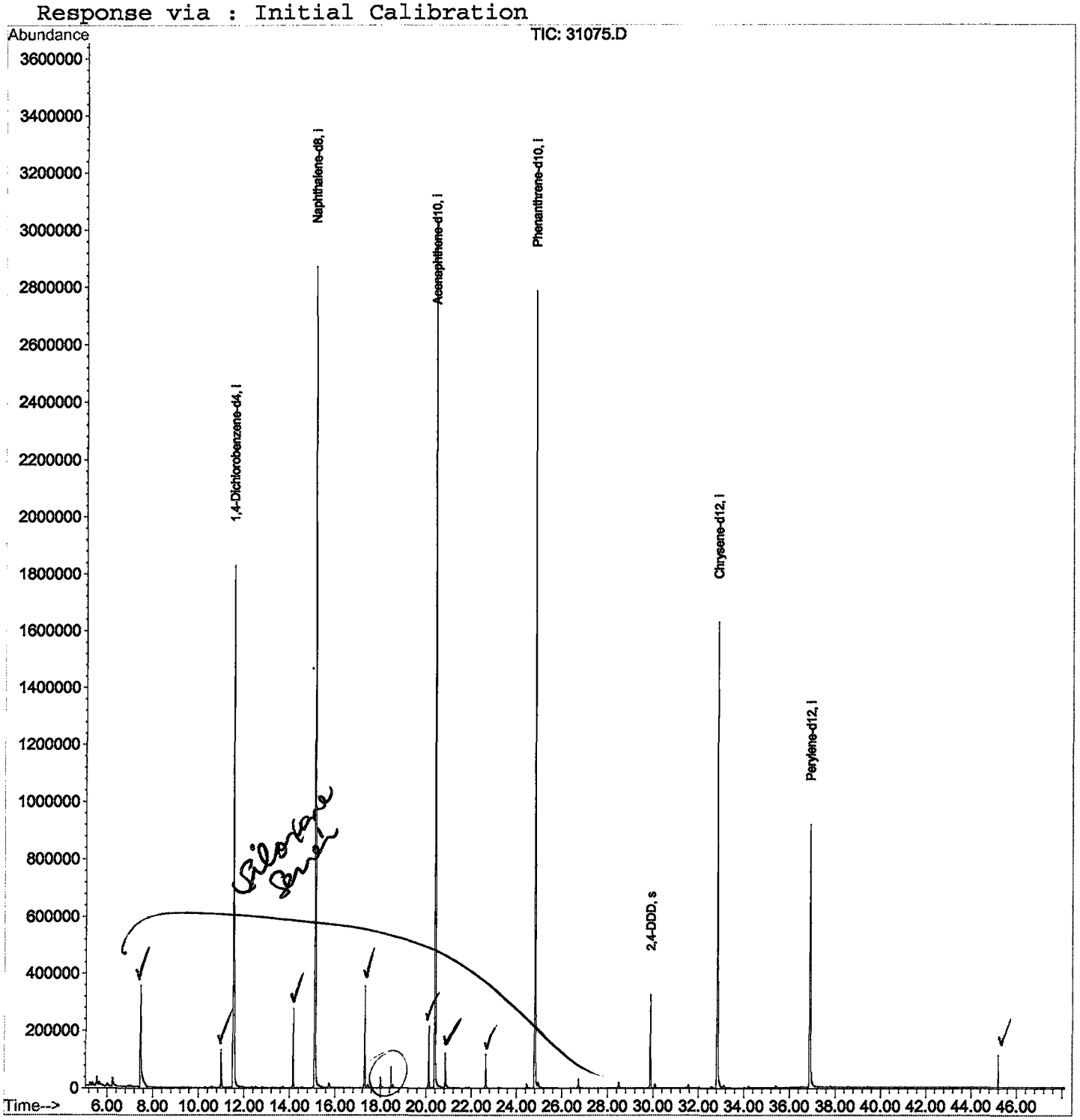
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.88	178	641	N.D.	
34)	Anthracene	24.88	178	641	N.D.	
35)	Di-n-butylphthalate	26.82	149	2423	N.D.	
36)	Fluoranthene	28.51	202	214	N.D.	
39)	Pyrene	29.16	202	124	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	32.83	228	3531	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.12	149	3846	N.D.	
43)	Chrysene	32.91	228	438	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	2818	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\31075.D Vial: 11
Acq On : 8 Jan 2002 11:06 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 10:16 2002 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\31075.D Vial: 11
Acq On : 8 Jan 2002 11:06 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

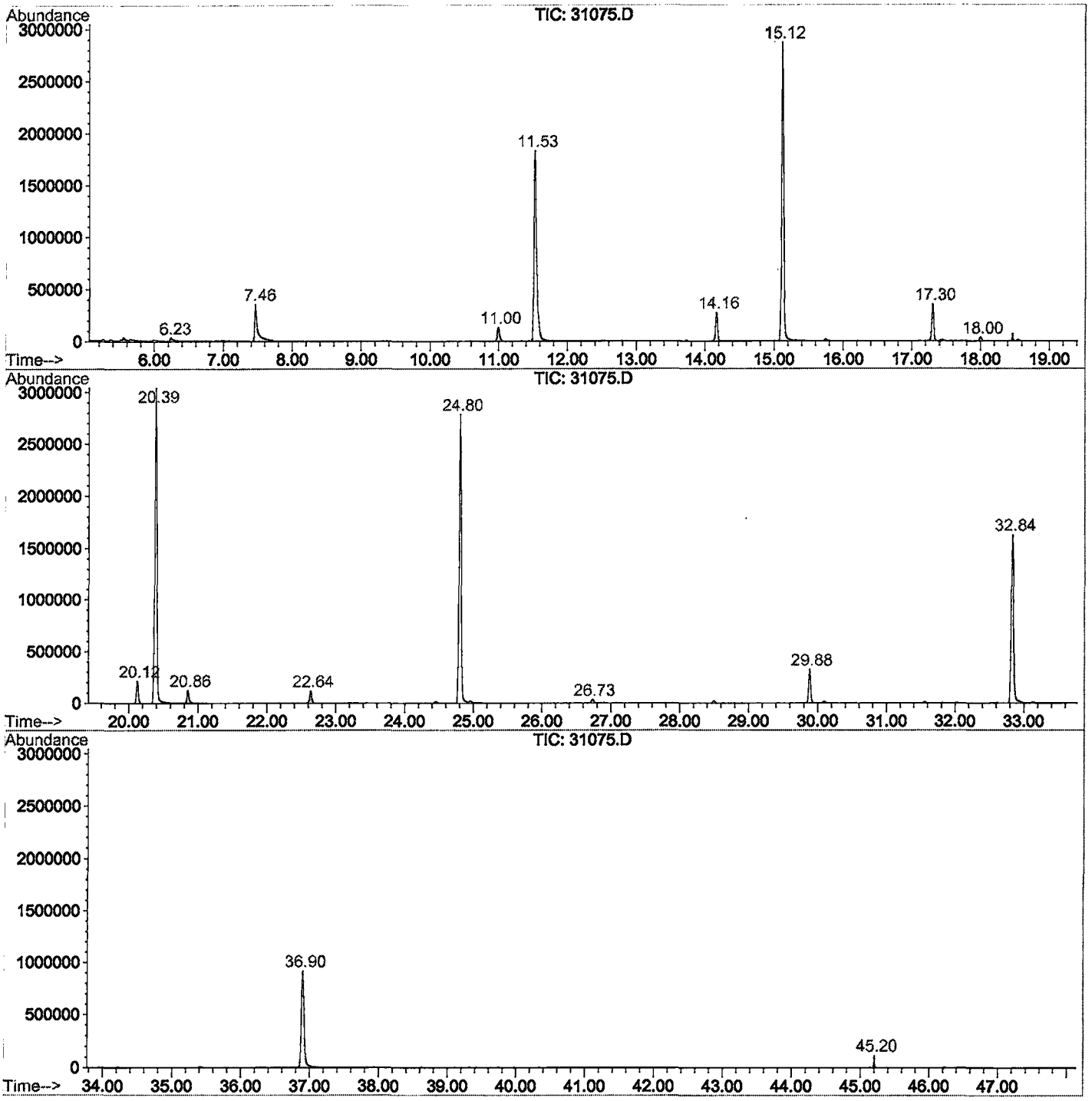
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.232	126	129	139	rBV2	30014	87666	1.40%	0.259%
2	7.462	259	263	296	rBV	353529	1054683	16.84%	3.113%
3	10.997	643	648	657	rBV	134026	309267	4.94%	0.913%
4	11.529	701	706	725	rBV	1827009	4803077	76.68%	14.175%
5	14.164	989	993	999	rVB	275570	540470	8.63%	1.595%
6	15.119	1092	1097	1116	rBV	2870044	5987962	95.60%	17.672%
7	17.304	1325	1335	1342	rBV2	354903	706108	11.27%	2.084%
8	18.001	1407	1411	1417	rBV	35462	69400	1.11%	0.205%
9	20.122	1637	1642	1648	rVB	213749	416860	6.66%	1.230%
10	20.388	1665	1671	1688	rBV	3043318	6263775	100.00%	18.486%
11	20.856	1717	1722	1732	rVB	119989	254710	4.07%	0.752%
12	22.637	1909	1916	1921	rBV	118431	221317	3.53%	0.653%
13	24.804	2146	2152	2164	rBV2	2786496	5966444	95.25%	17.608%
14	26.732	2356	2362	2367	rBV	33149	65956	1.05%	0.195%
15	29.881	2700	2705	2714	rBV	324568	629082	10.04%	1.857%
16	32.837	3020	3027	3043	rBV2	1628029	3902775	62.31%	11.518%
17	36.903	3463	3470	3493	rBV2	915132	2540718	40.56%	7.498%
18	45.202	4373	4374	4376	rBV	112666	63660	1.02%	0.188%

Sum of corrected areas: 33883930

31075.D GCMS0103.M Wed Jan 09 12:27:34 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0802\31075.D
Operator : 209 GALOS
Acquired : 8 Jan 2002 11:06 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/20
Misc Info :
Vial Number: 11
Quant File :GCMS0103.RES (RTE Integrator)



31075.D GCMS0103.M Wed Jan 09 12:27:40 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31075.D
Acq On : 8 Jan 2002 11:06 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

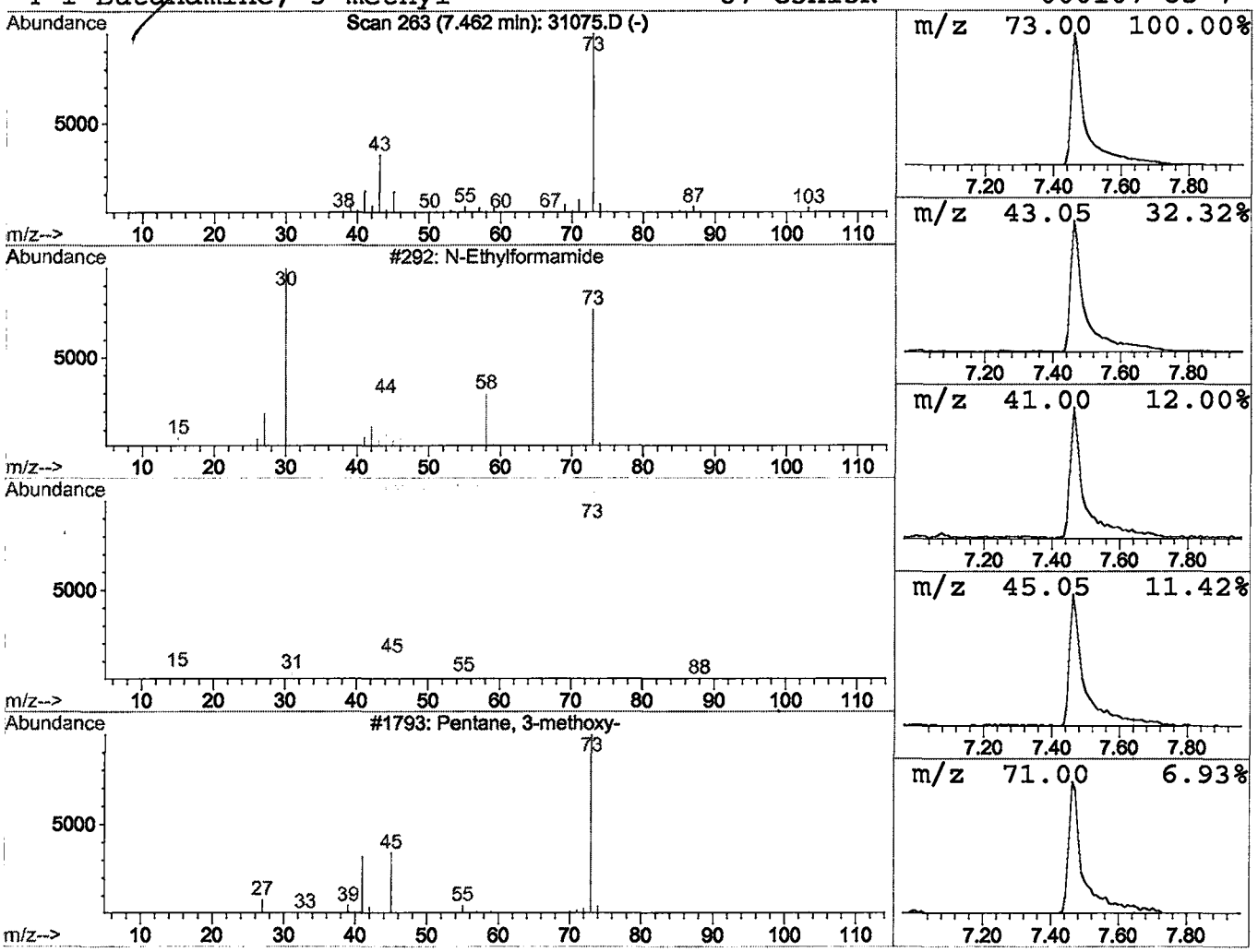
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	4.39 ug/l	1054680	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31075.D Vial: 11
Acq On : 8 Jan 2002 11:06 pm Operator: 209 GALOS
Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

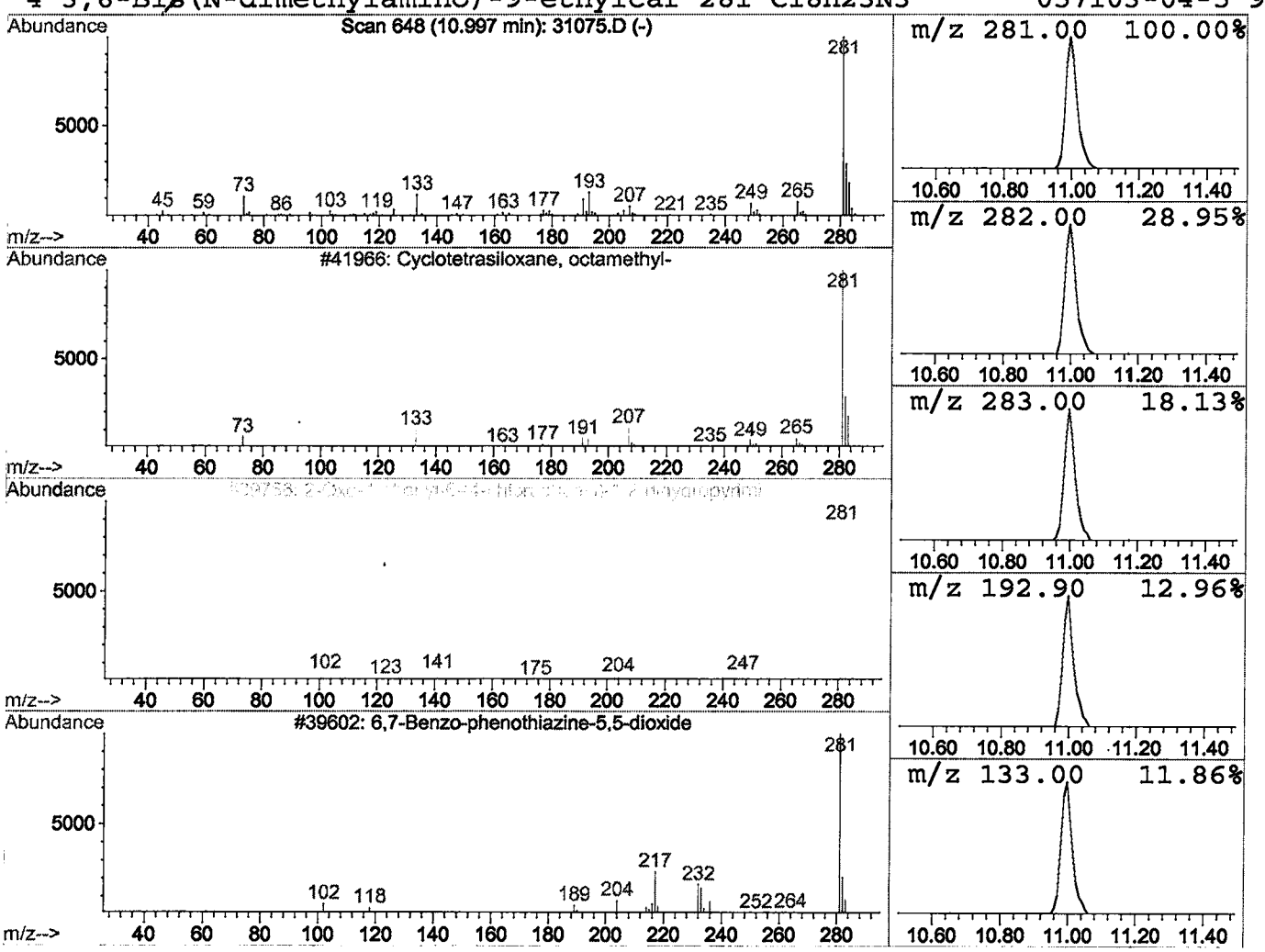
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	1.29 ug/l	309267	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31075.D
Acq On : 8 Jan 2002 11:06 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

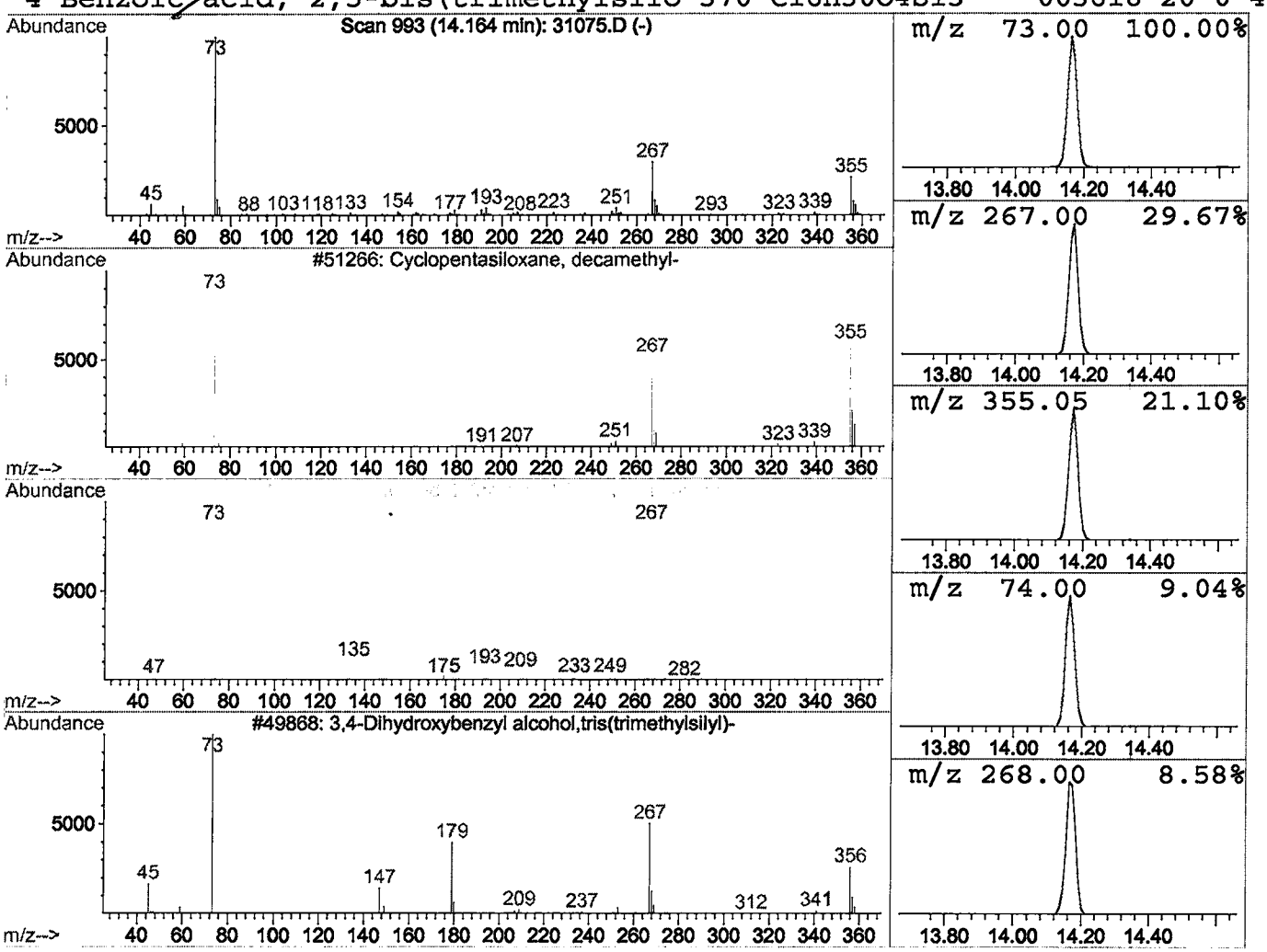
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	1.81 ug/l	540470	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	43
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31075.D
Acq On : 8 Jan 2002 11:06 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

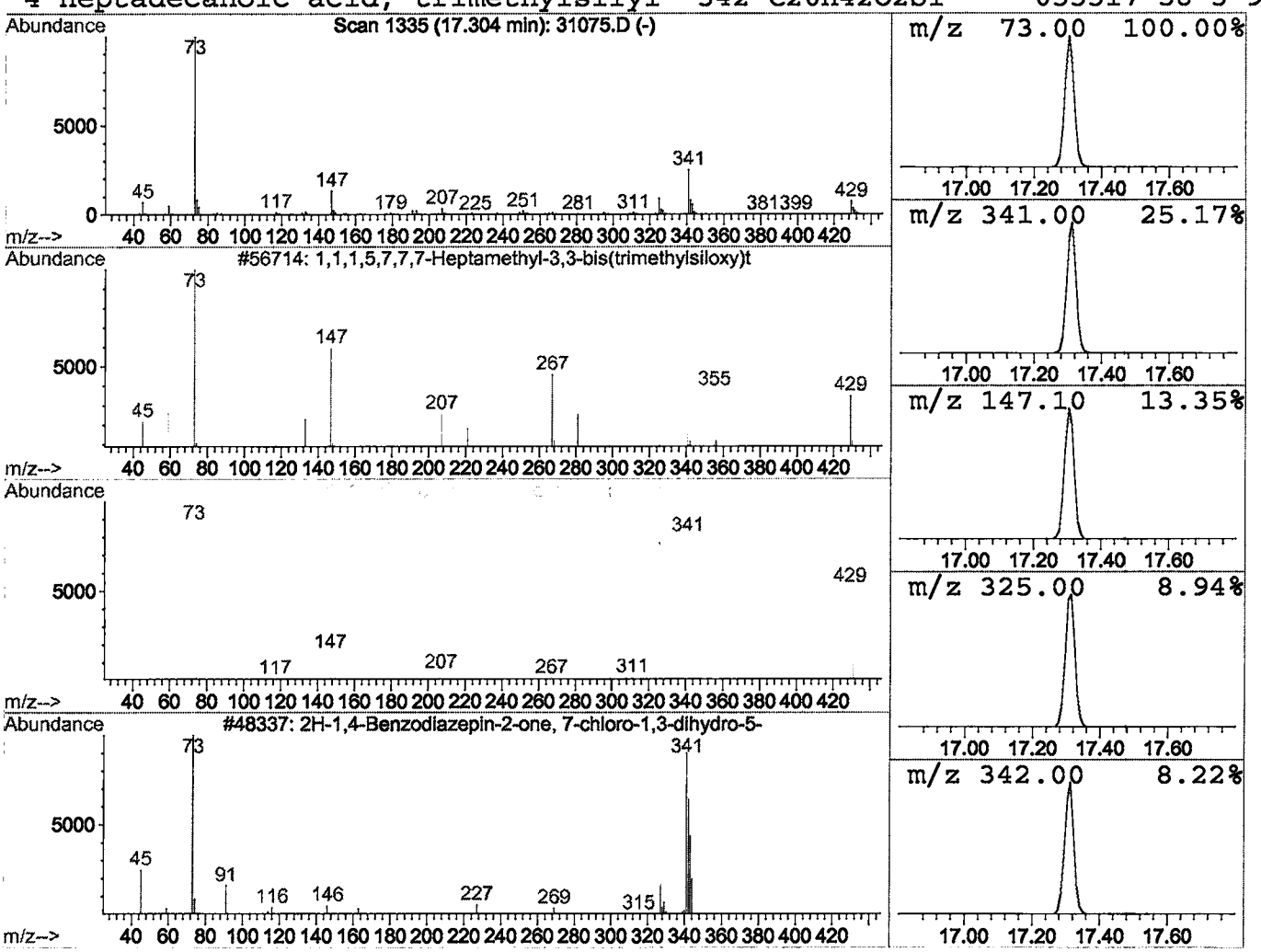
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.36 ug/l	706108	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	38
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	10
3	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	9
4	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31075.D
Acq On : 8 Jan 2002 11:06 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

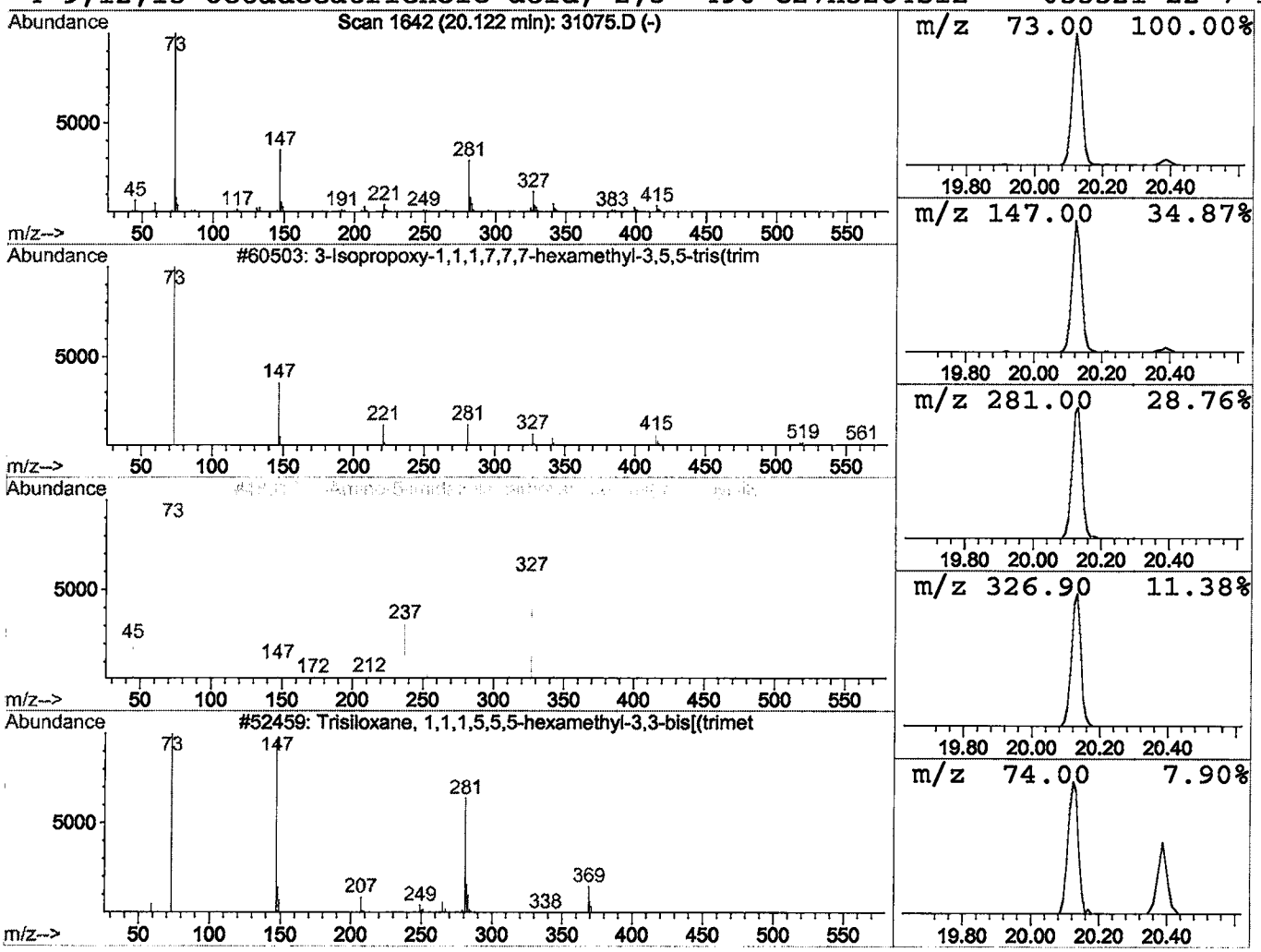
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	1.33 ug/l	416860	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	36
2	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	27
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
4	9,12,15-Octadecatrienoic acid, 2,3-	496	C27H52O4Si2	055521-22-7	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31075.D
Acq On : 8 Jan 2002 11:06 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

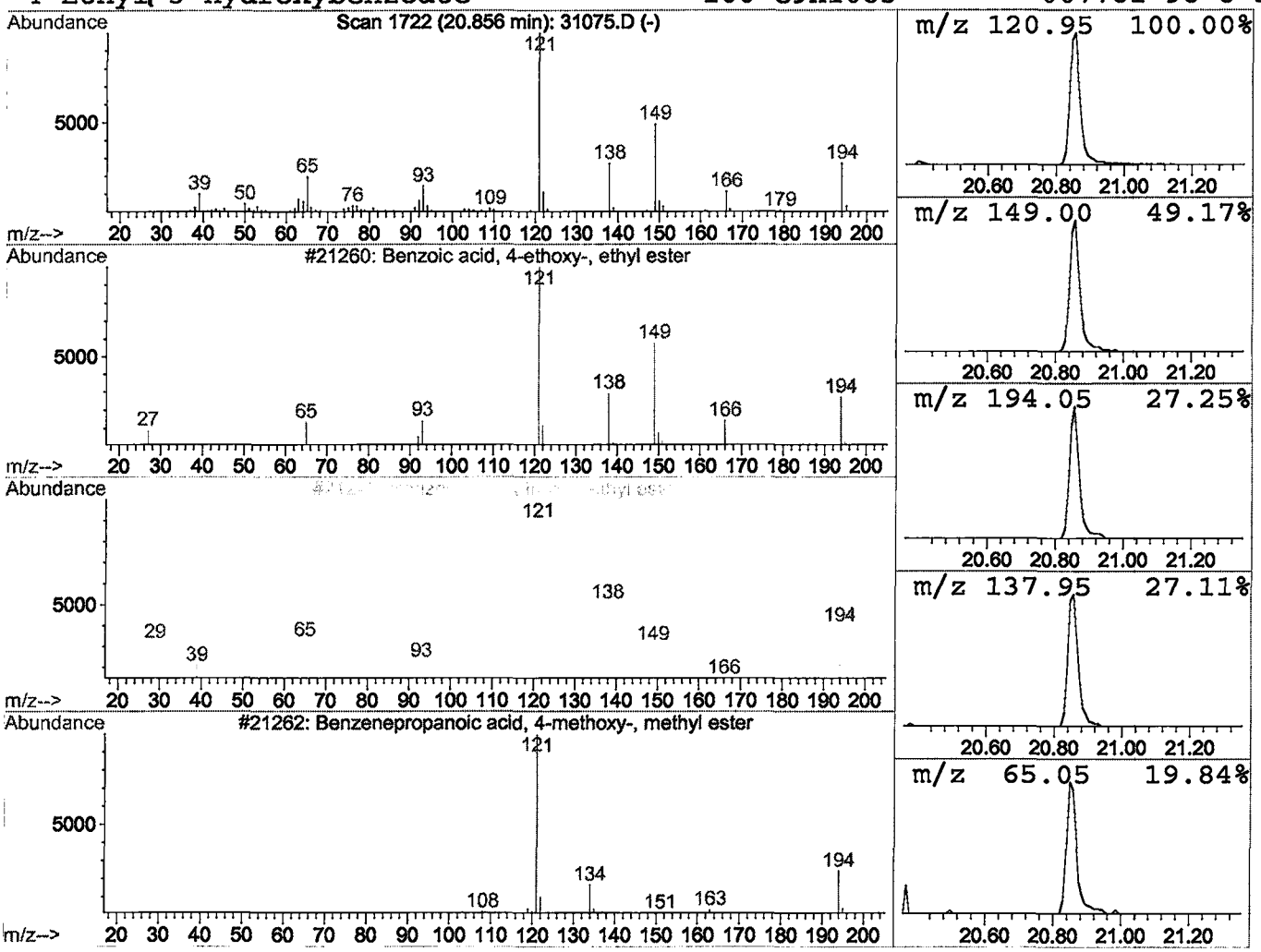
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	0.81 ug/l	254710	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	Benzoic acid, ethoxy-, ethyl ester	194	C11H14O3	075333-22-1	43
3	Benzenepropanoic acid, 4-methoxy-,	194	C11H14O3	015823-04-8	38
4	Ethyl 3-hydroxybenzoate	166	C9H10O3	007781-98-8	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31075.D
Acq On : 8 Jan 2002 11:06 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

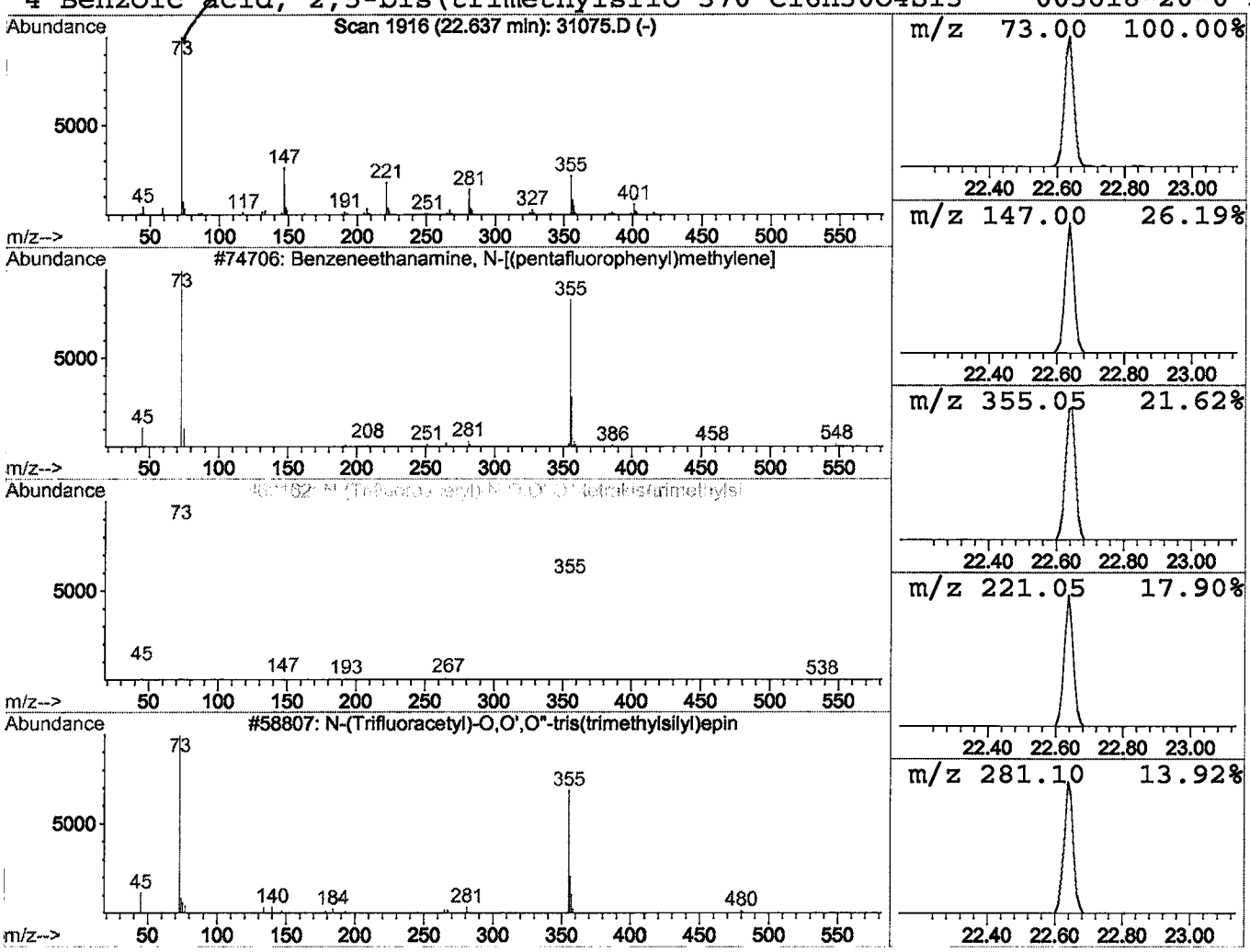
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Benzeneethanamine, N-[(pentafl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.74 ug/l	221317	Phenanthrene-d10	24.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	46
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	43
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31075.D Vial: 11
Acq On : 8 Jan 2002 11:06 pm Operator: 209 GALOS
Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

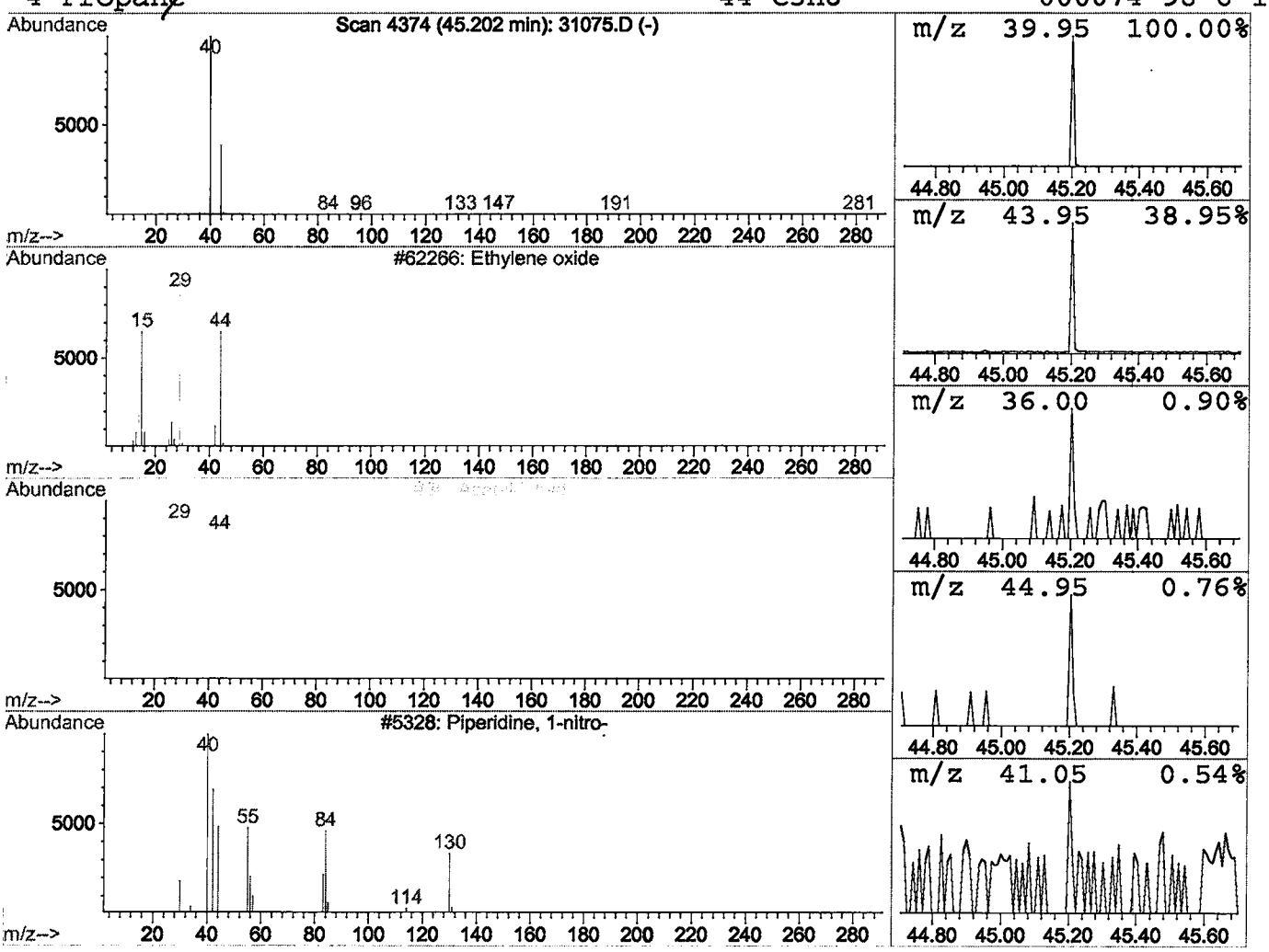
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Ethylene oxide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.20	0.50 ug/l	63660	Perylene-d12	36.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene oxide	44	C2H4O	000075-21-8	3
2	Acetaldehyde	44	C2H4O	000075-07-0	3
3	Piperidine, 1-nitro-	130	C5H10N2O2	007119-94-0	2
4	Propane	44	C3H8	000074-98-6	1



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 8 Jan 2002 11:06 pm
Data File: C:\HPCHEM\1\DATA\JAN0802\31075.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	7.46	4.4	ug/l	1054680	ISTD01	11.53	4803080	20.0
Cyclotetrasiloxane,	11.00	1.3	ug/l	309267	ISTD01	11.53	4803080	20.0
Cyclopentasiloxane,	14.16	1.8	ug/l	540470	ISTD02	15.12	5987960	20.0
1,1,1,5,7,7,7-Heptam	17.30	2.4	ug/l	706108	ISTD02	15.12	5987960	20.0
3-Isopropoxy-1,1,1,7	20.12	1.3	ug/l	416860	ISTD03	20.39	6263780	20.0
Benzoic acid, 4-etho	20.86	0.8	ug/l	254710	ISTD03	20.39	6263780	20.0
Benzeneethanamine, N	22.64	0.7	ug/l	221317	ISTD04	24.80	5966440	20.0
Ethylene oxide	45.20	0.5	ug/l	63660	ISTD06	36.90	2540720	20.0

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