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User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:09:32

Sample: AD31640
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:08 Ended: 2/11/02 16:08 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		113		5.0

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Comments for Sample AD31640 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:09:35

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

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\31640.D Vial: 36
Acq On : 4 Jan 2002 8:38 pm Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:24 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.52	152	591959	20.00	ug/l	-0.17
10) Naphthalene-d8	15.12	136	2315752	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.39	164	1151935	20.00	ug/l	-0.18
29) Phenanthrene-d10	24.80	188	1537227	20.00	ug/l	-0.19
38) Chrysene-d12	32.83	240	776413	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	451608	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	95805	5.67	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 113.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.74	74	184	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	13.90	82	630	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	1296	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	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.76	165	109	N.D.		
25) Diethylphthalate	21.92	149	598	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\31640.D Vial: 36
Acq On : 4 Jan 2002 8:38 pm Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:24 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

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	616	N.D.	
34) Anthracene	24.87	178	616	N.D.	
35) Di-n-butylphthalate	26.83	149	31714	0.29 ug/l #	96
36) Fluoranthene	28.51	202	111	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	32.82	228	1817	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.13	149	1504	N.D.	
43) Chrysene	32.82	228	1817	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	1978	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

NYC-WTC_000049765

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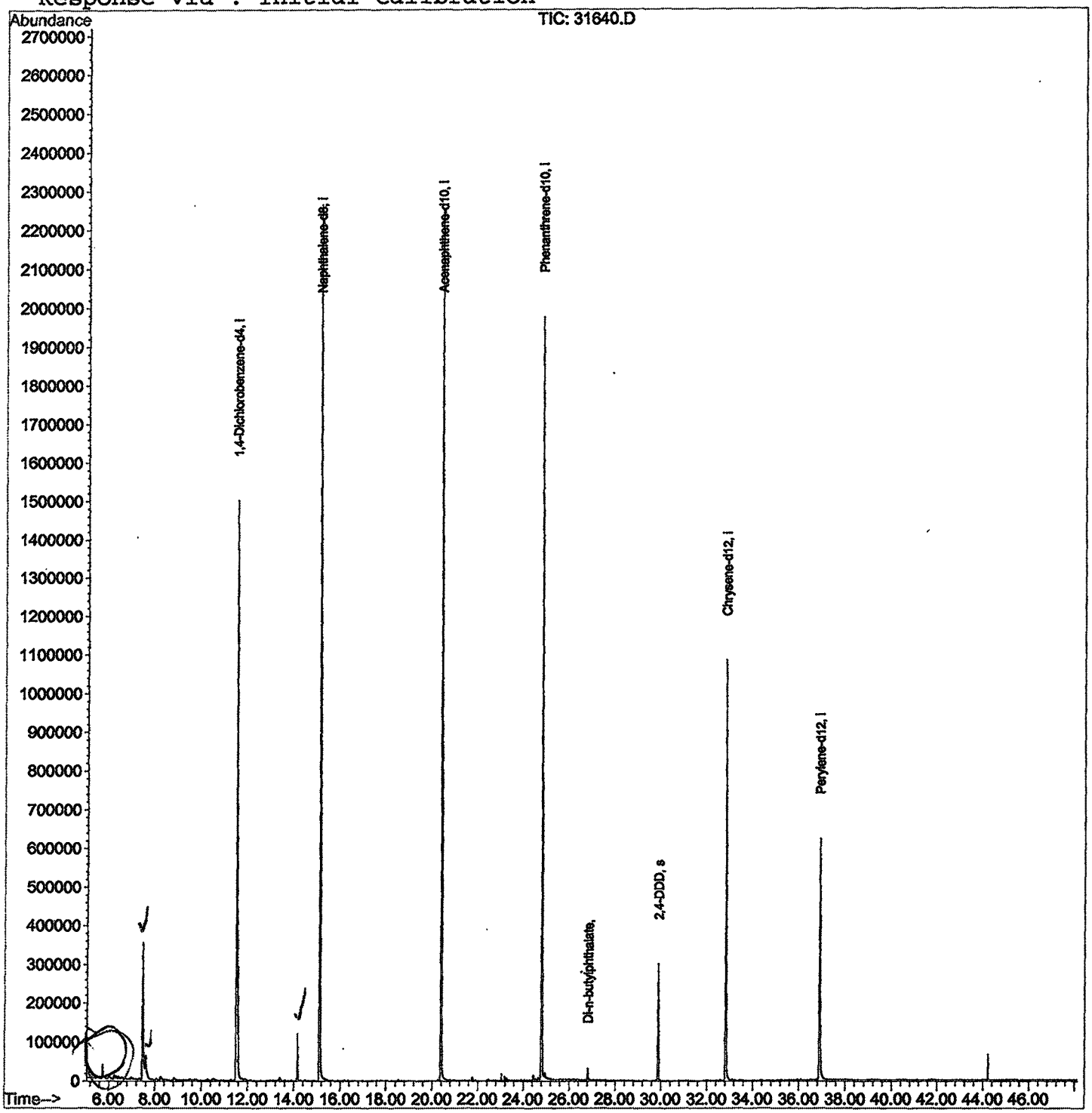
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31640.D
Acq On : 4 Jan 2002 8:38 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:24 2002

Vial: 36
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31640.D Vial: 36
Acq On : 4 Jan 2002 8:38 pm Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	5.749	73	77	84	rBV	35707	70746	1.45%	0.296%
2	7.466	260	264	275	rBV	350566	885153	18.20%	3.707%
3	7.604	275	279	296	rVB	60073	246548	5.07%	1.033%
4	11.524	701	706	725	rBV	1501614	3731485	76.72%	15.628%
5	14.168	989	994	999	rBV	120271	221901	4.56%	0.929%
6	15.122	1092	1098	1115	rBV	2265055	4727397	97.19%	19.798%
7	20.383	1665	1671	1685	rBV	2255187	4863975	100.00%	20.370%
8	24.798	2146	2152	2165	rBV2	1973742	4321303	88.84%	18.098%
9	26.827	2368	2373	2383	rVB	29869	58454	1.20%	0.245%
10	29.884	2700	2706	2712	rBV	299447	588240	12.09%	2.464%
11	32.831	3021	3027	3041	rBV2	1085394	2480830	51.00%	10.390%
12	36.898	3463	3470	3491	rBV	621630	1681549	34.57%	7.042%

Sum of corrected areas: 23877581

31640.D GCMS1126.M Fri Feb 01 11:14:06 2002

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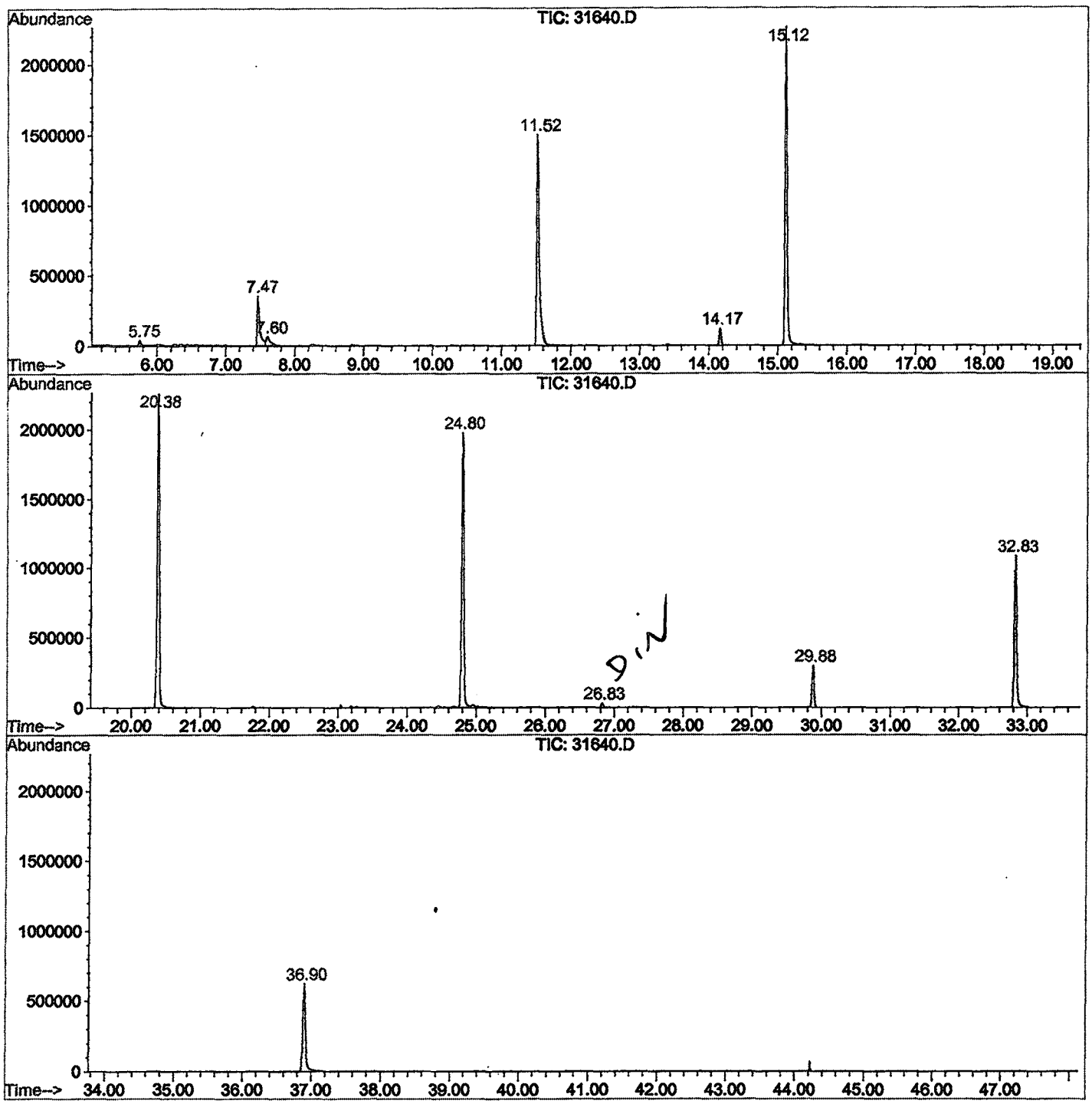
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\31640.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 8:38 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2a
Misc Info :
Vial Number: 36
Quant File :GCMS1126.RES (RTE Integrator)



31640.D GCMS1126.M Fri Feb 01 11:14:12 2002

NYC-WTC_000049768

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31640.D
Acq On : 4 Jan 2002 8:38 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 36
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

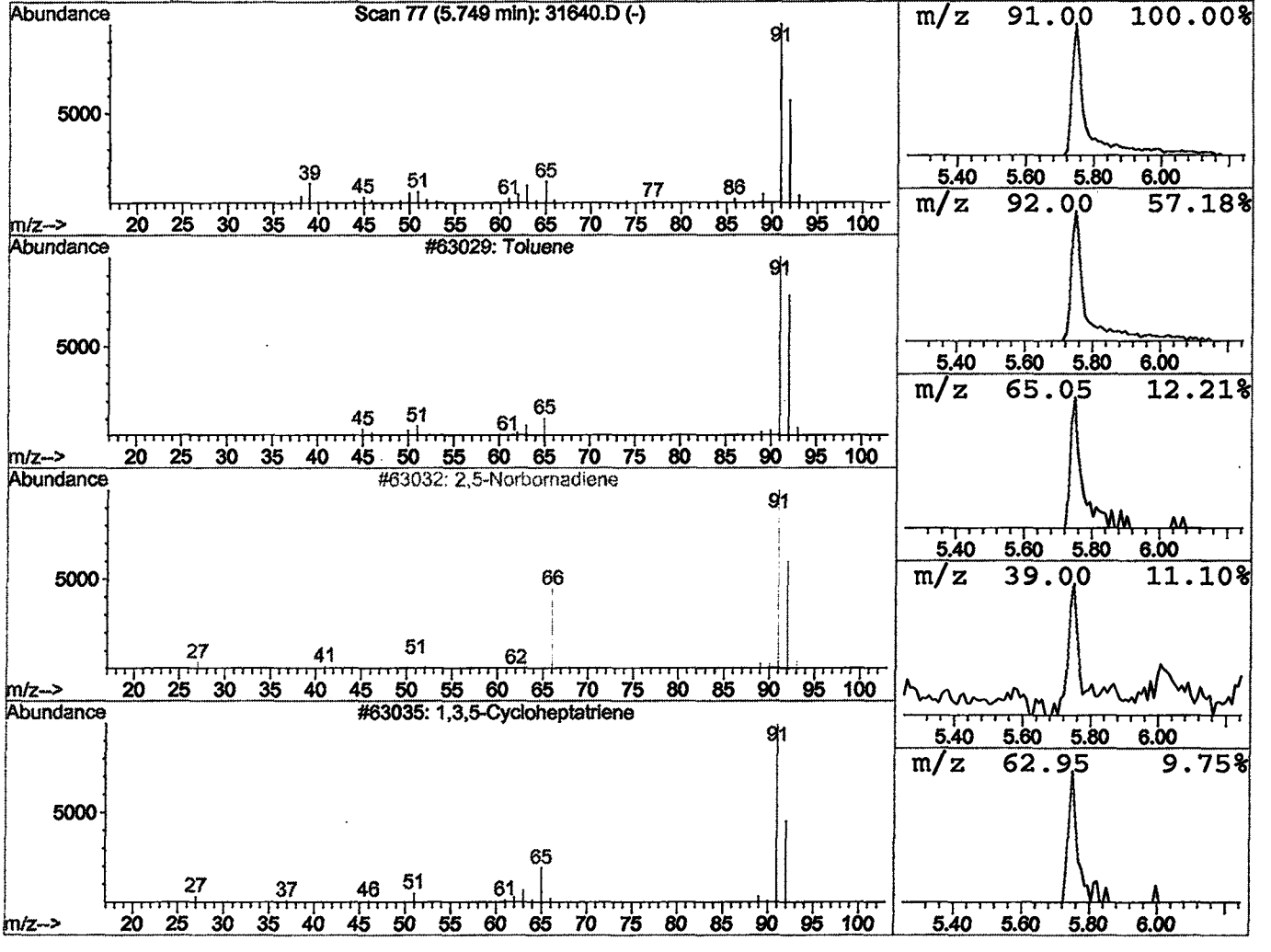
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Toluene — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	0.38 ug/l	70746	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	90
2	2,5-Norbornadiene	92	C7H8	000121-46-0	59
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	47
4	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	45



NYC-WTC_000049769

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31640.D
Acq On : 4 Jan 2002 8:38 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 36
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

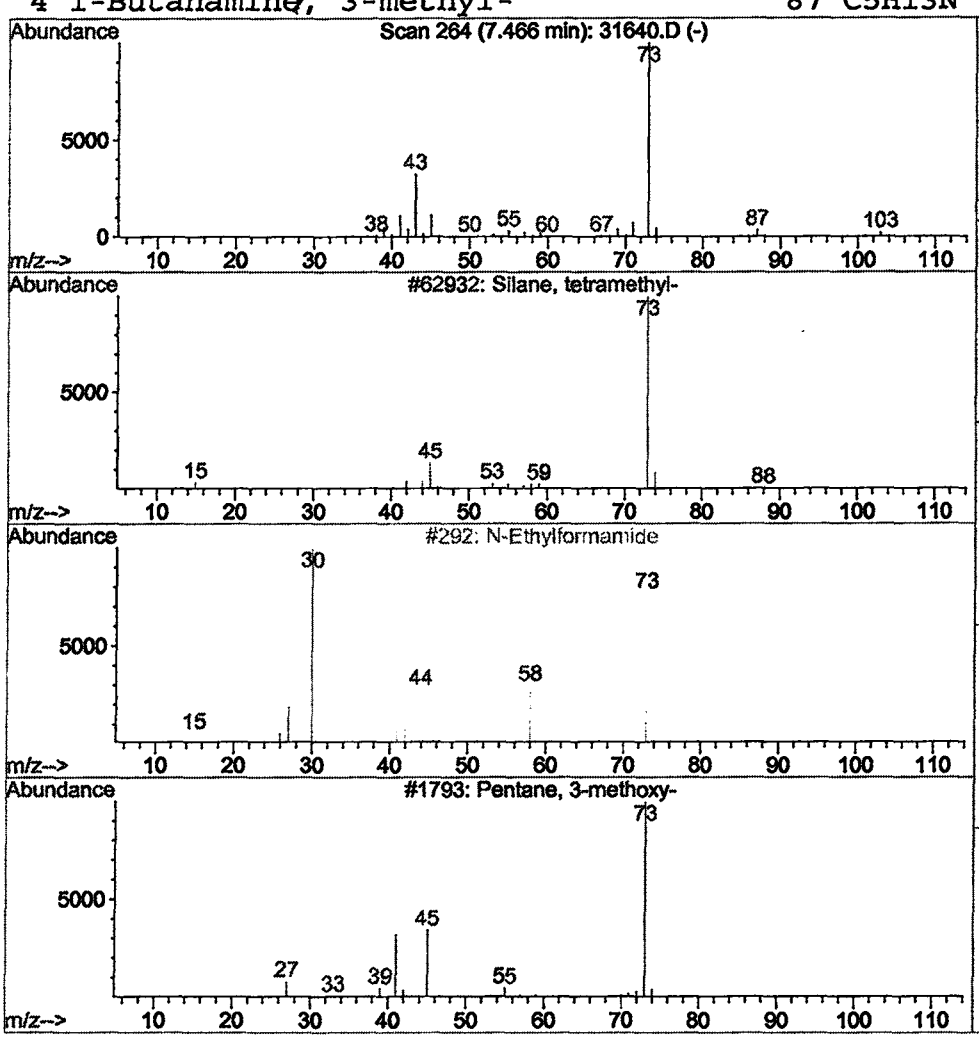
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

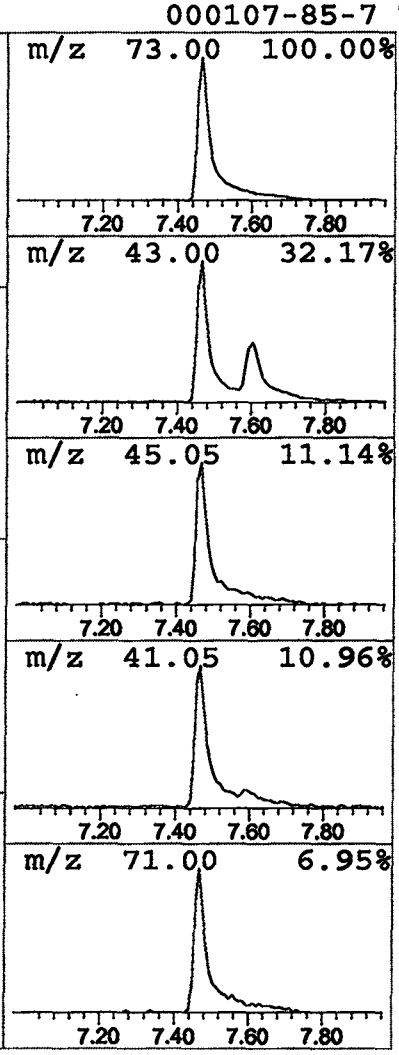
****

Peak Number 2 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.74 ug/l	885153	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	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\JAN0302\31640.D
Acq On : 4 Jan 2002 8:38 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 36
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

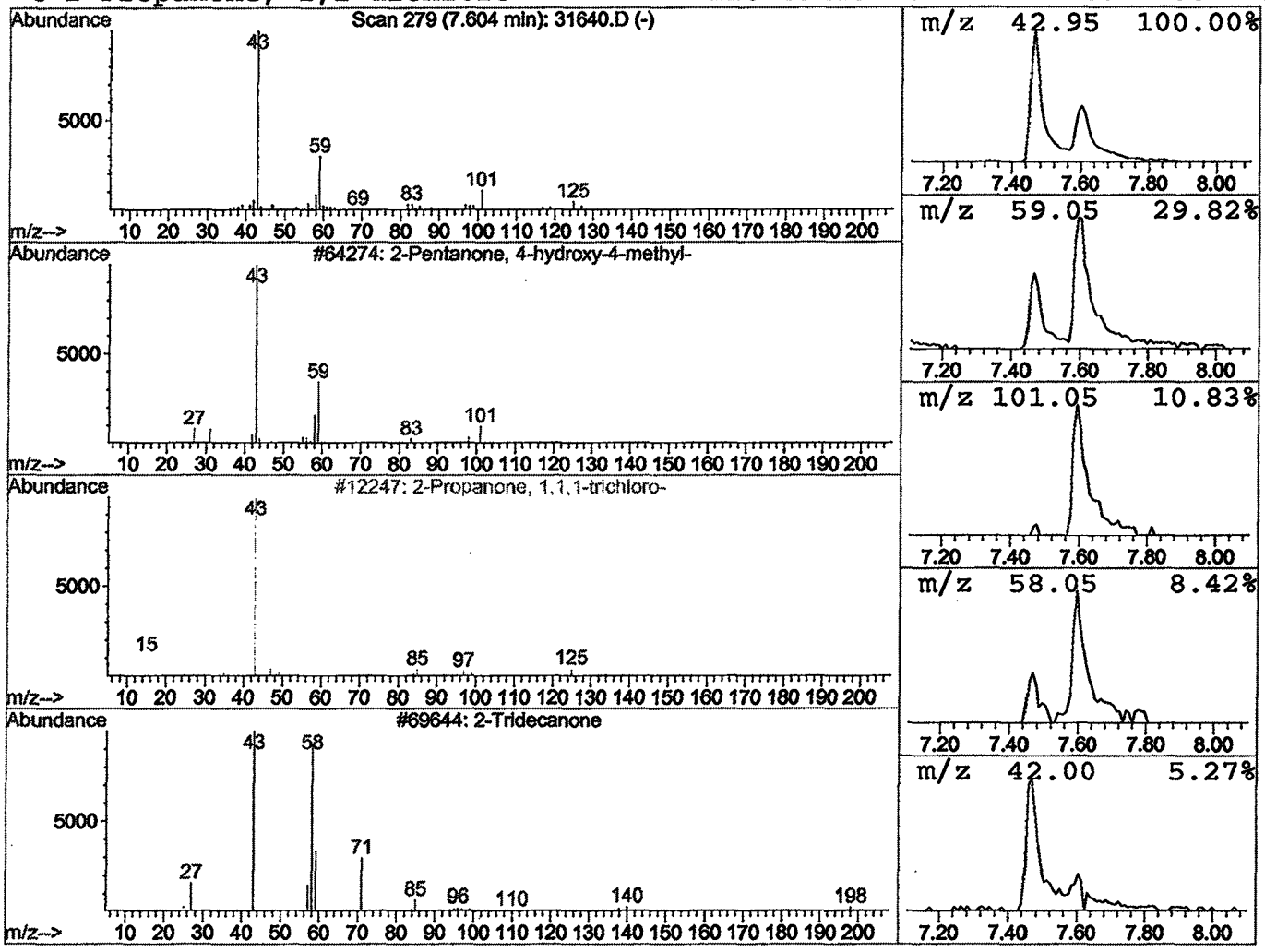
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	1.32 ug/l	246548	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	16
3	2-Tridecanone	198	C13H26O	000593-08-8	9
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31640.D
Acq On : 4 Jan 2002 8:38 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 36
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

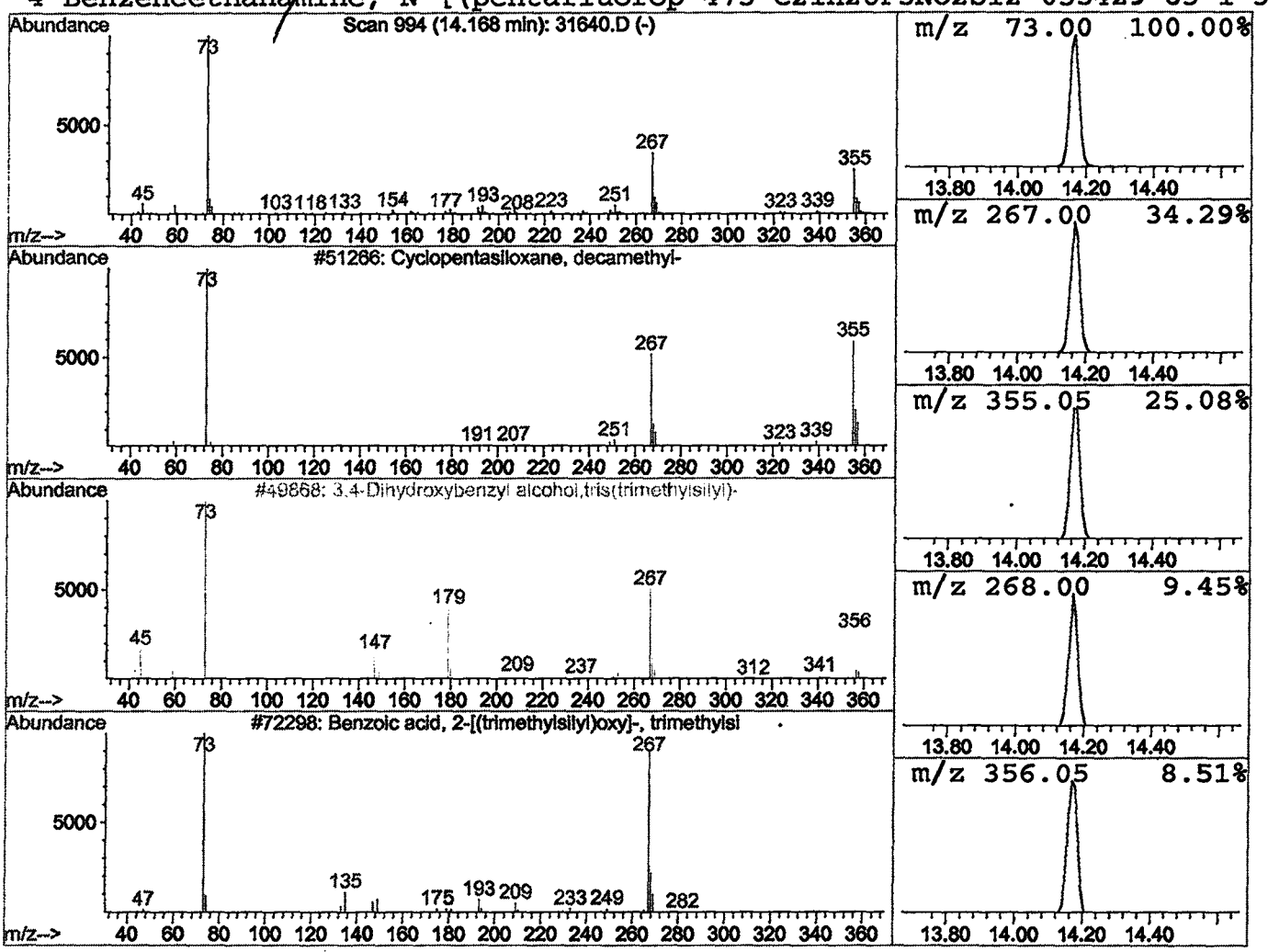
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	0.94 ug/l	221901	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
3	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	37
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	37



NYC-WTC_000049772

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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 8:38 pm
Data File: C:\HPCHEM\1\DATA\JAN0302\31640.D
Name: gcms scan 1/2a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
Toluene	5.75	0.4	ug/l	70746	ISTD01	11.52	3731490	20.0
Silane, tetramethyl-	7.47	4.7	ug/l	885153	ISTD01	11.52	3731490	20.0
2-Pentanone, 4-hydro	7.60	1.3	ug/l	246548	ISTD01	11.52	3731490	20.0
Cyclopentasiloxane,	14.17	0.9	ug/l	221901	ISTD02	15.12	4727400	20.0

31640.D GCMS1126.M Fri Feb 01 11:14:34 2002