User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 15:06:27

Sample: AD30010
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 15:06 Ended: 1/9/02 15:06 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		5.0

Comments for Sample AD30010 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 15:06:30

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\JAN0302\30010.D Vial: 41
Acq On : 5 Jan 2002 1:29 am Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 5 2:17 2002 Quant Results File: GCMS1126.RES

Quant 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
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.52	152	711115	20.00	ug/l	-0.18
10) Naphthalene-d8	15.12	136	2780029	20.00	ug/l	-0.19
17) Acenaphthene-d10	20.39	164	1398990	20.00	ug/l	-0.19
29) Phenanthrene-d10	24.81	188	1967131	20.00	ug/l	-0.19
38) Chrysene-d12	32.83	240	1155870	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	676098	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	121601	5.62	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 112.40%			
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	1213	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	20.67	165	872	N.D.		
25) Diethylphthalate	21.92	149	881	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\JAN0302\30010.D Vial: 41
Acq On : 5 Jan 2002 1:29 am Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 5 2:17 2002 Quant Results File: GCMS1126.RES

Quant 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
DataAcq Meth : GCMS1126

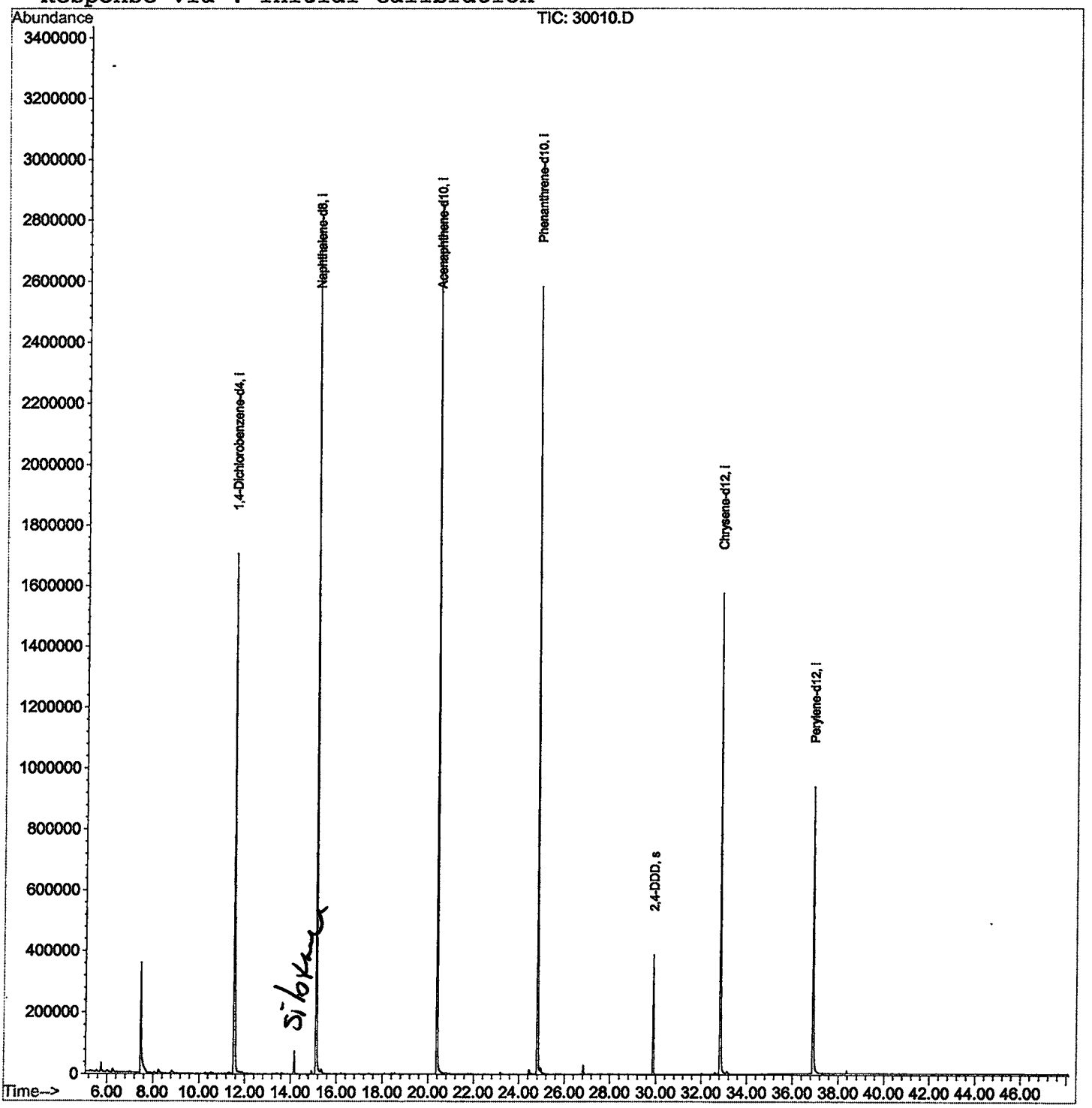
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.88	178	289	N.D.	
34)	Anthracene	24.88	178	289	N.D.	
35)	Di-n-butylphthalate	26.83	149	31875	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	32.84	228	2873	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	5802	N.D.	
43)	Chrysene	32.84	228	2873	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	36.91	252	3005	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\JAN0302\30010.D Vial: 41
Acq On : 5 Jan 2002 1:29 am Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 5 2:17 2002 Quant Results File: GCMS1126.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\JAN0302\30010.D Vial: 41
Acq On : 5 Jan 2002 1:29 am 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

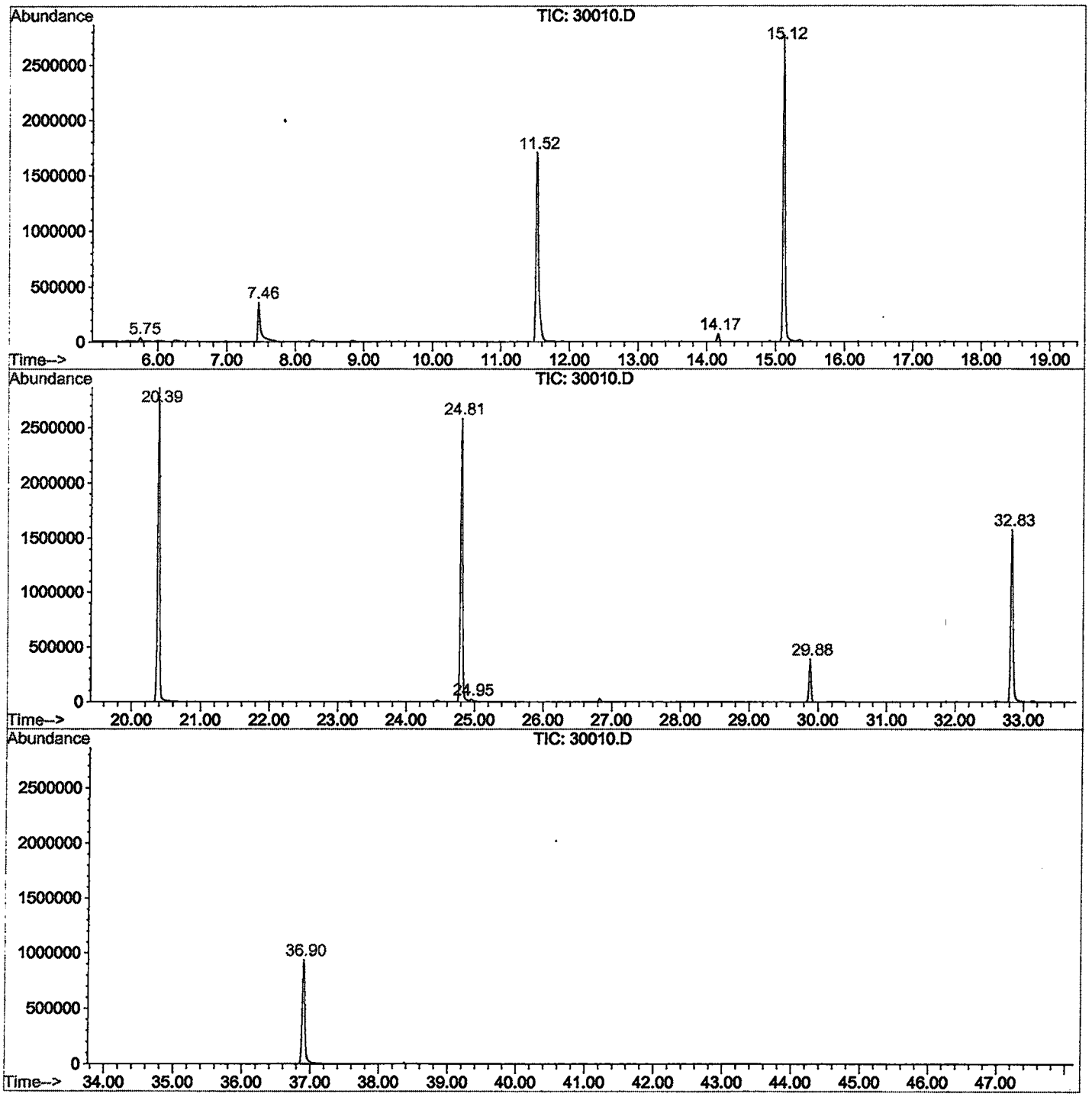
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.748	73	77	83	rBV	32796	66873	1.13%	0.224%
2	7.464	260	264	294	rBV	358014	1059673	17.96%	3.550%
3	11.522	701	706	723	rBV	1704906	4395217	74.50%	14.722%
4	14.166	989	994	1000	rVB	74210	144521	2.45%	0.484%
5	15.121	1093	1098	1117	rBV	2764641	5668528	96.09%	18.987%
6	20.390	1666	1672	1692	rBV	2862589	5899312	100.00%	19.760%
7	24.806	2146	2153	2166	rBV2	2583478	5549321	94.07%	18.588%
8	24.953	2166	2169	2183	rVB2	19436	61842	1.05%	0.207%
9	29.883	2701	2706	2713	rBV	386972	766781	13.00%	2.568%
10	32.830	3021	3027	3049	rBV2	1574881	3749263	63.55%	12.559%
11	36.896	3464	3470	3485	rBV	935335	2492774	42.26%	8.350%

Sum of corrected areas: 29854105

30010.D GCMS1126.M Mon Jan 07 11:45:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\30010.D
Operator : 209 GALOS
Acquired : 5 Jan 2002 1:29 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2a
Misc Info :
Vial Number: 41
Quant File :GCMS1126.RES (RTE Integrator)



30010.D GCMS1126.M Mon Jan 07 11:45:09 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\30010.D
Acq On : 5 Jan 2002 1:29 am
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 41
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

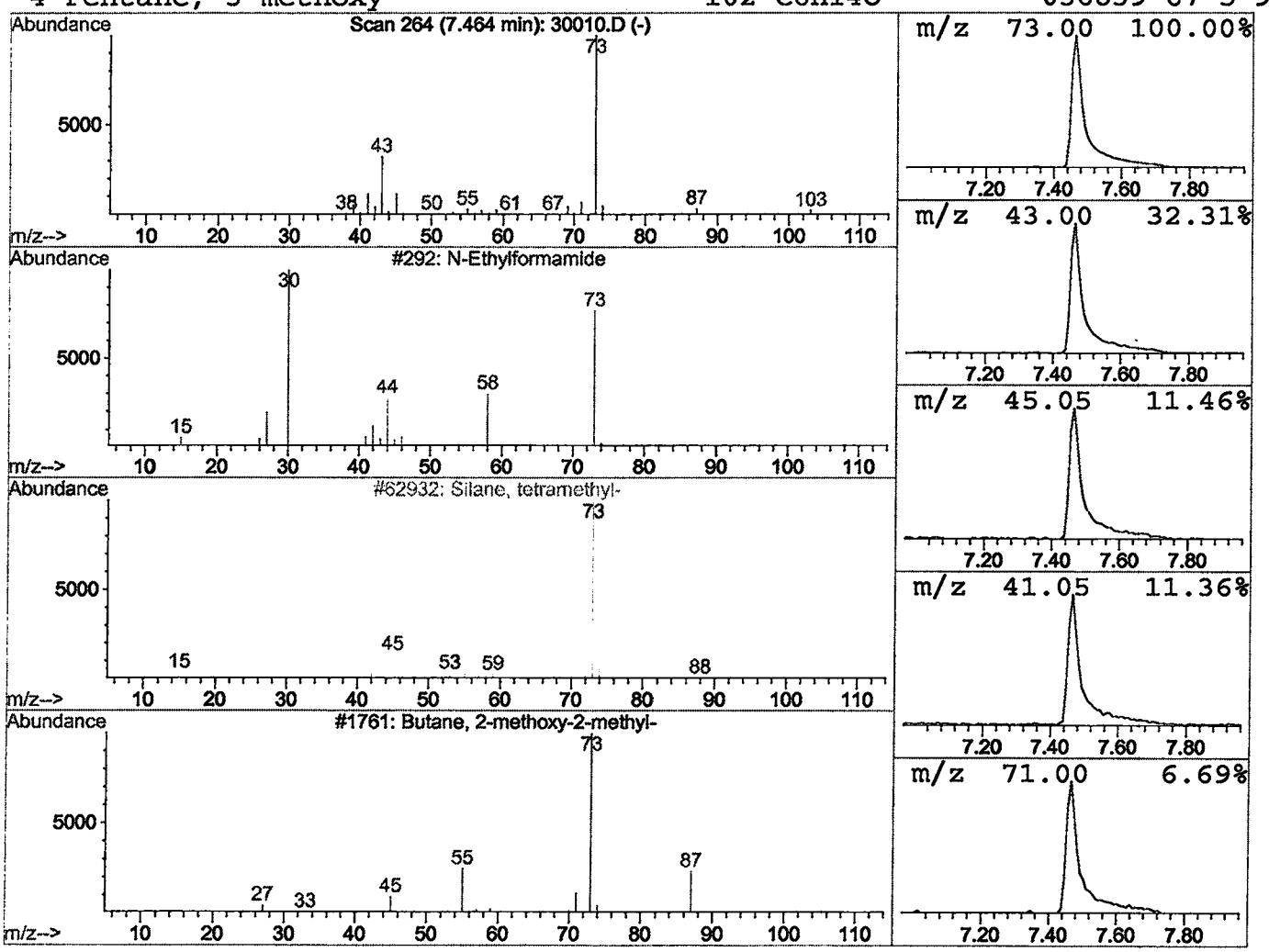
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	4.82 ug/l	1059670	1,4-Dichlorobenzene-d4	11.52

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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\30010.D
Acq On : 5 Jan 2002 1:29 am
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 41
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

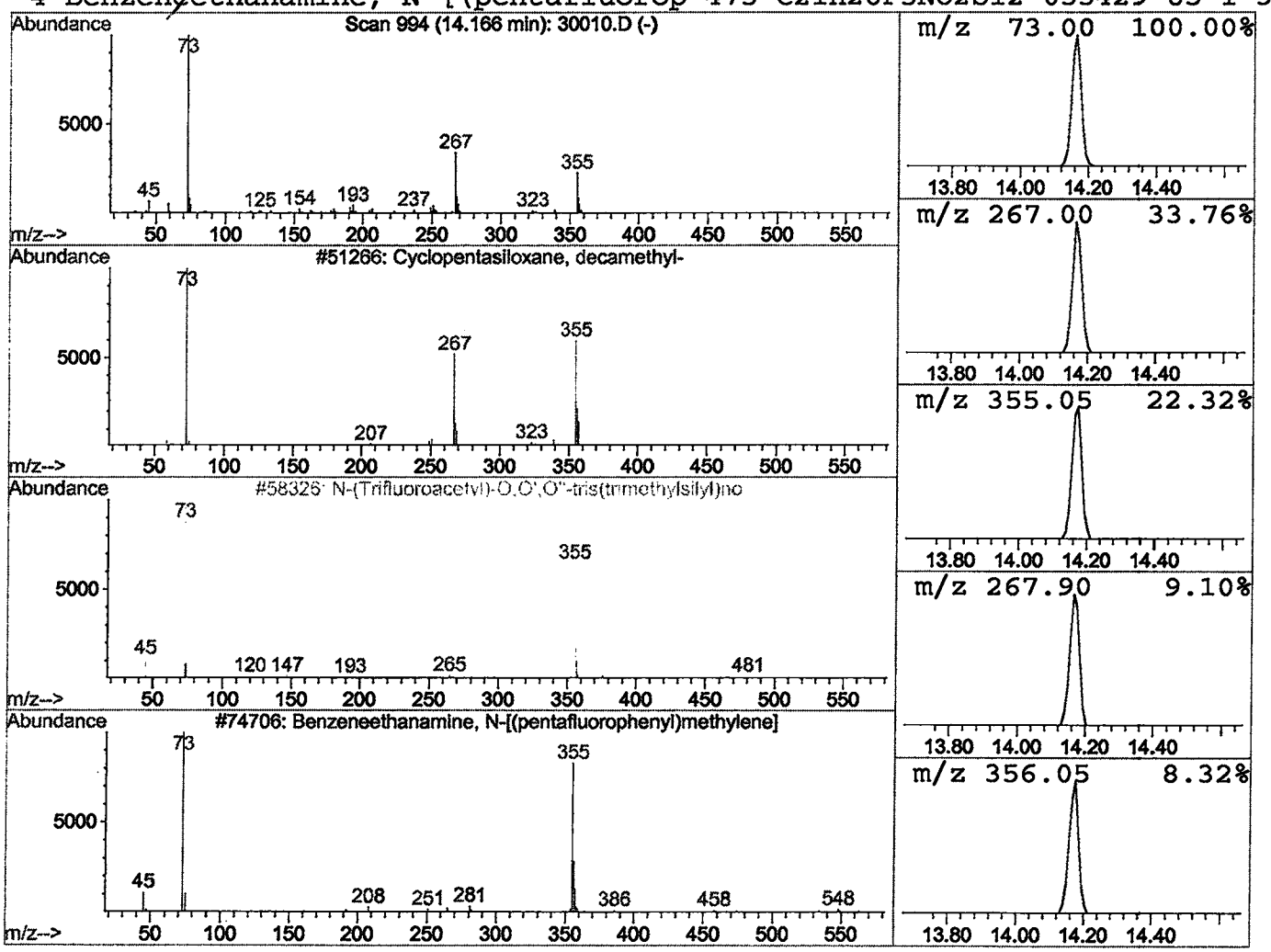
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	0.51 ug/l	144521	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	37



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Jan 2002 1:29 am
Data File: C:\HPCHEM\1\DATA\JAN0302\30010.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
N-~~Ethylfor~~mamide	7.46	4.8	ug/l	1059670	ISTD01	11.52	4395220	20.0
Cyclopen~~ta~~siloxane,	14.17	0.5	ug/l	144521	ISTD02	15.12	5668530	20.0

30010.D GCMS1126.M Mon Jan 07 11:45:23 2002