NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\FEB1902\1231.D
Acq On : 19 Feb 2002 3:17 pm
Sample : gc/ms scan 1/18
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 21 14:23 2002

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	260220	20.00	ug/l	-0.01
10) Naphthalene-d8	15.97	136	992449	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	512666	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	702658	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	435504	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	279873	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.82	235	34358	4.87	ug/mL	0.32
Spiked Amount 5.000			Recovery = 97.40%			
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	16.03	128	696	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	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	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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Data File : C:\HPCHEM\1\DATA\FEB1902\1231.D Vial: 6
Acq On : 19 Feb 2002 3:17 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 21 14:23 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.70	149	7435	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	33.79	228	944	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.00	149	926	N.D.	
43)	Chrysene	33.79	228	944	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	38.09	252	1163	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.	

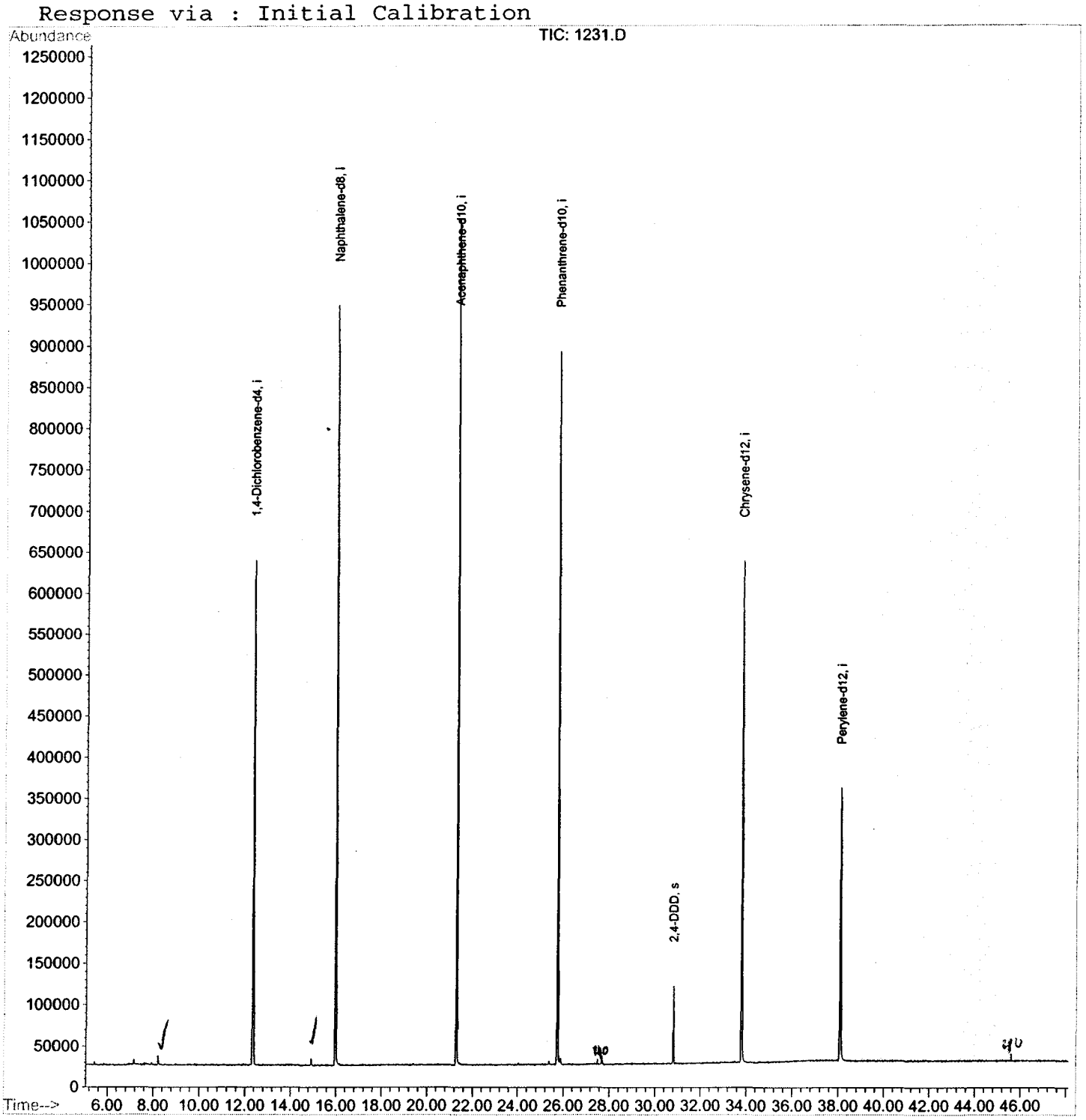
(#) = qualifier out of range (m) = manual integration
1231.D GCMS0208.M Thu Feb 21 14:30:29 2002 Page 2

Data File : C:\HPCHEM\1\DATA\FEB1902\1231.D
Acq On : 19 Feb 2002 3:17 pm
Sample : gc/ms scan 1/18
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 21 14:23 2002

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



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Data File : C:\HPCHEM\1\DATA\FEB1902\1231.D Vial: 6
Acq On : 19 Feb 2002 3:17 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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	8.217	342	346	356	rBV2	11681	28021	1.37%	0.285%
2	12.339	789	795	806	rBV	613632	1453878	71.10%	14.765%
3	14.928	1069	1077	1083	rVB3	8668	21461	1.05%	0.218%
4	15.974	1185	1191	1207	rBV	922313	1910657	93.43%	19.404%
5	21.290	1763	1770	1783	rBV	1027382	2044916	100.00%	20.767%
6	25.733	2248	2254	2263	rBV2	865358	1879929	91.93%	19.092%
7	30.810	2803	2807	2813	rVB	94177	180332	8.82%	1.831%
8	33.803	3127	3133	3146	rBV2	608289	1332575	65.17%	13.533%
9	38.081	3591	3599	3615	rBV2	330972	995120	48.66%	10.106%

Sum of corrected areas: 9846889

1231.D GCMS0208.M Thu Feb 21 15:24:26 2002

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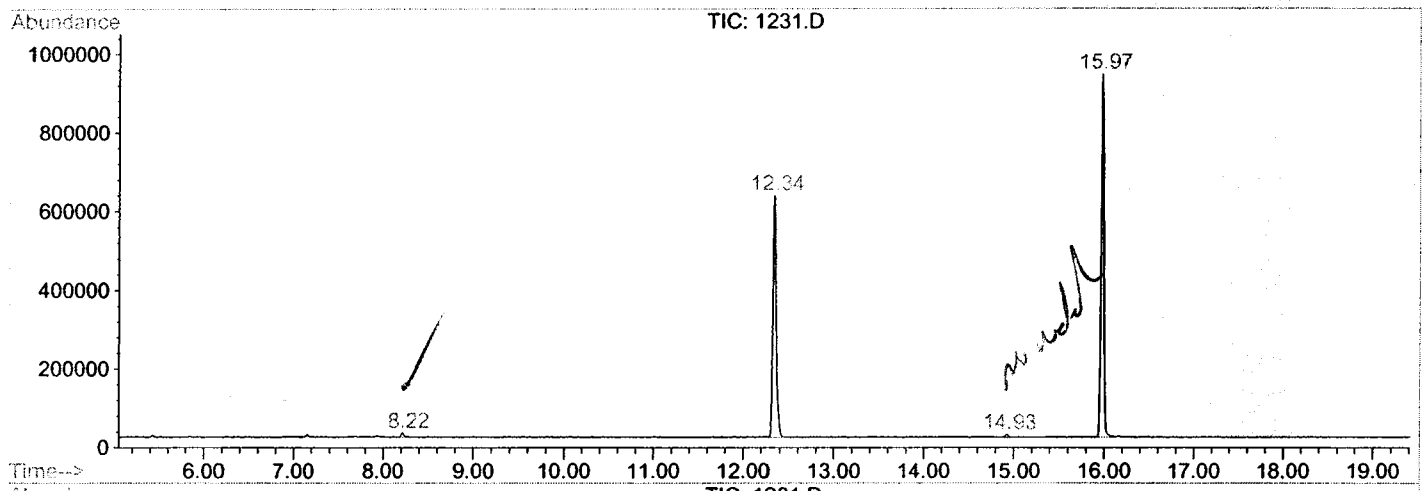
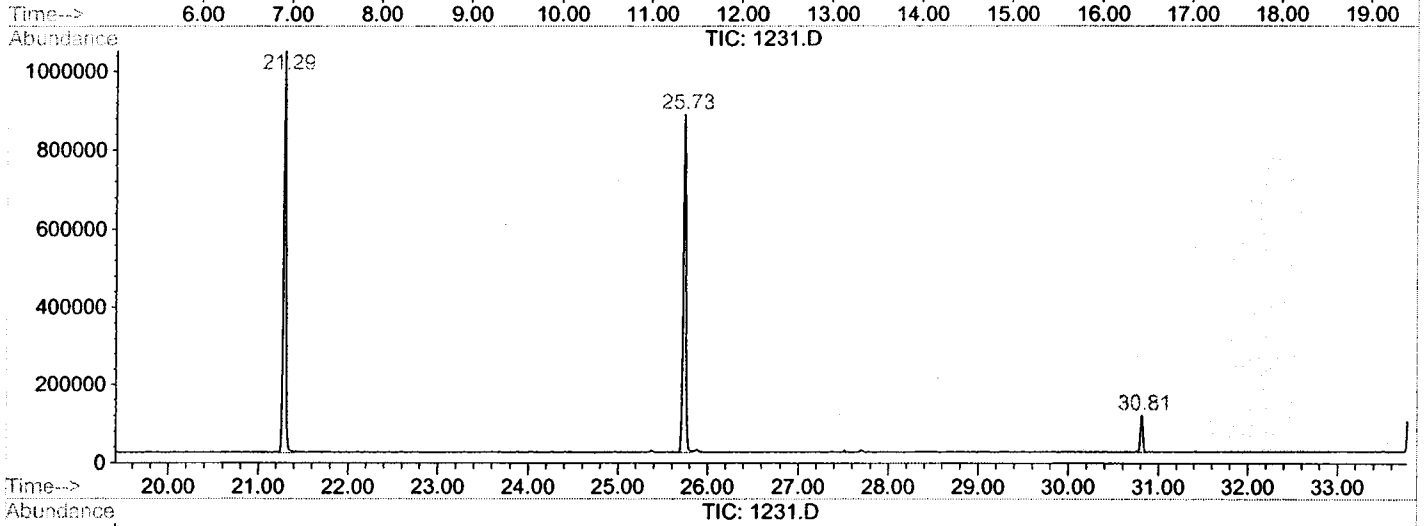
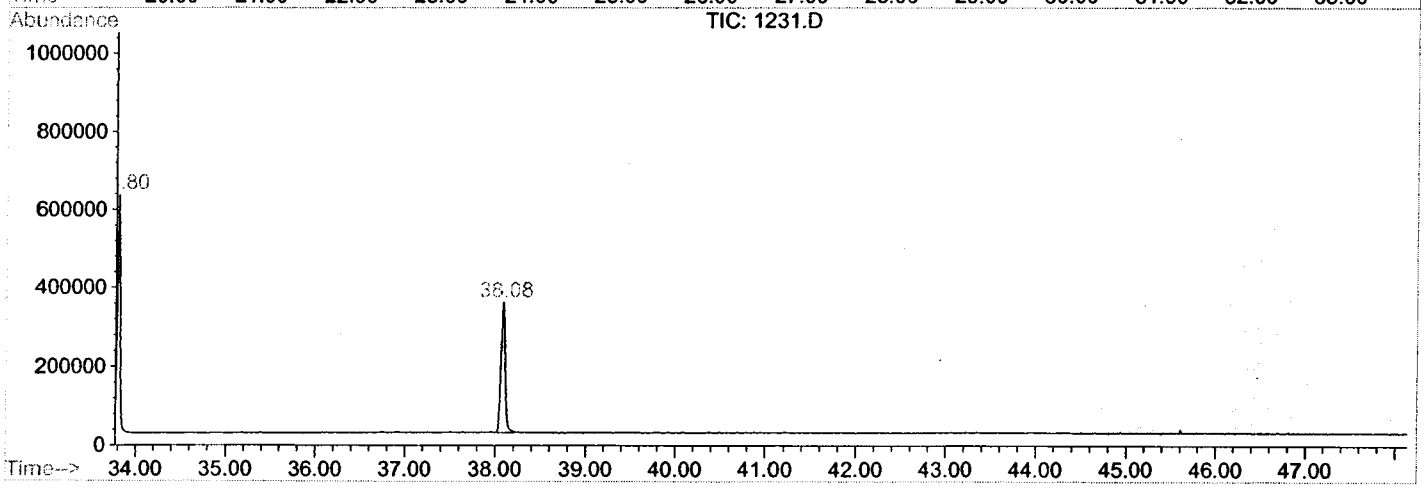
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1902\1231.D
Operator : 209 GALOS
Acquired : 19 Feb 2002 3:17 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/18
Misc Info :
Vial Number: 6
Quant File :GCMS0208.RES (RTE Integrator)







1231.D GCMS0208.M Thu Feb 21 15:24:32 2002

NYC-WTC_000052888

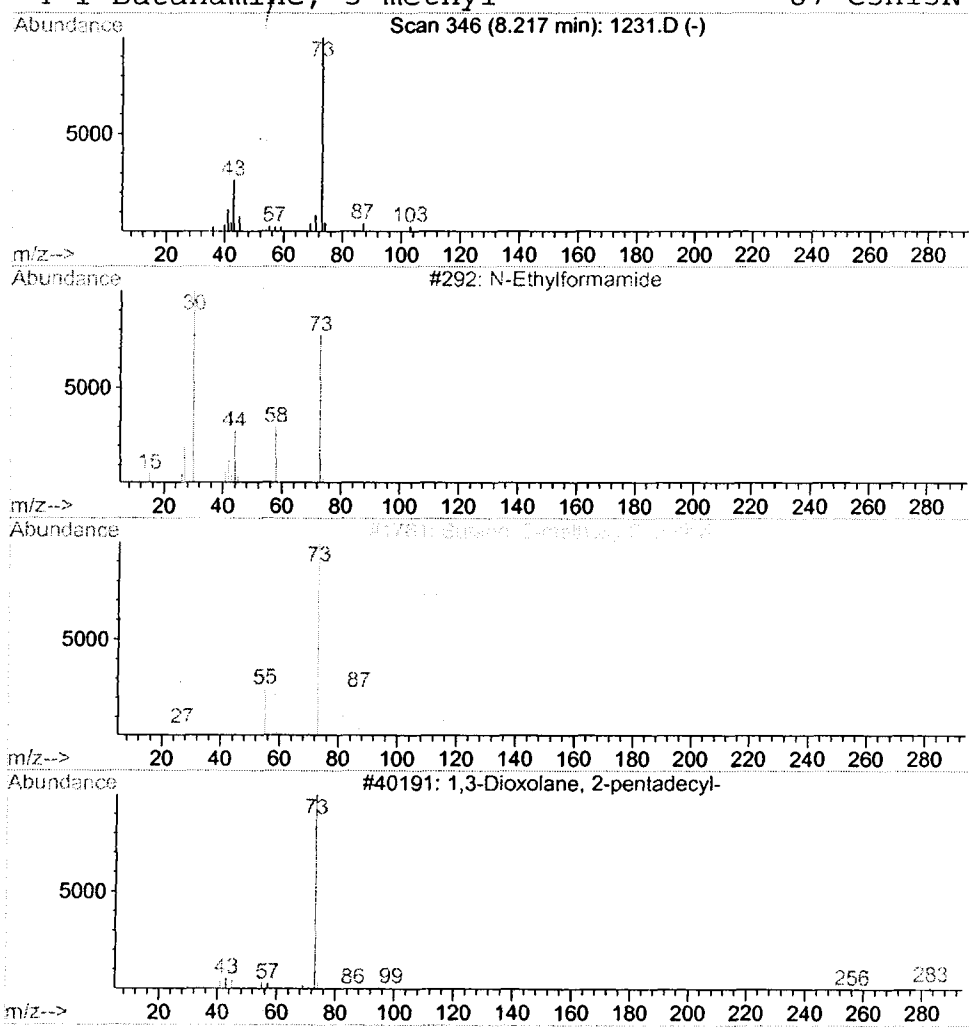
NYC 9/11 Public Portal Document

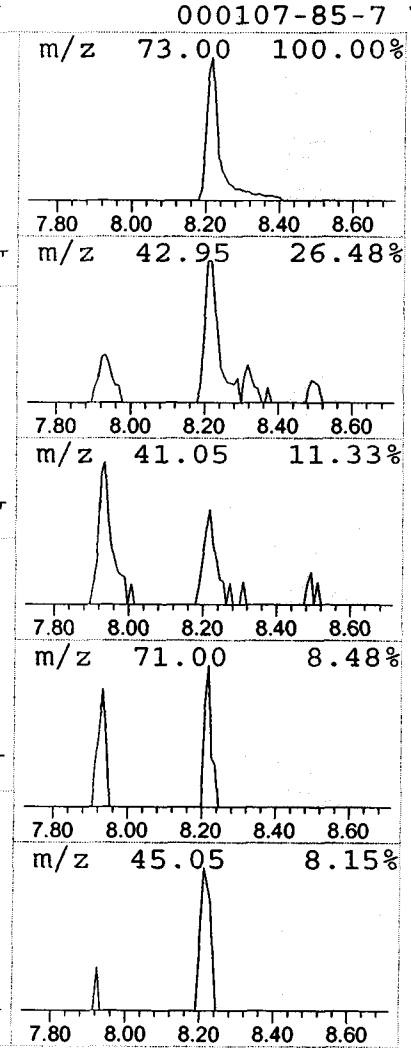
```
  Data File : C:\HPCHEM\1\DATA\FEB1902\1231.D              Vial: 6
  Acq On    : 19 Feb 2002    3:17 pm                   Operator: 209  GALOS
  Sample    : gc/ms scan 1/18                          Inst    : GC/MS 209
  Misc      :                                          Multiplr: 1.00
  MS Integration Params: LSCINT.P

  Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.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.
---------------------------------------------------------------------
  8.22    0.39 ug/l         28021    1,4-Dichlorobenzene-d4      12.34

 Hit# of  5    Tentative ID                MW  MolForm      CAS#        Qual
-----------------------------------------------------------------------------
 1 N-Ethylformamide                        73 C3H7NO       000627-45-2 9
 2 Butane, 2-methoxy-2-methyl-            102 C6H14O       000994-05-8 9
 3 1,3-Dioxolane, 2-pentadecyl-           284 C18H36O2     004360-57-0 9
 4 1-Butanamine, 3-methyl-                 87 C5H13N       000107-85-7 7
```





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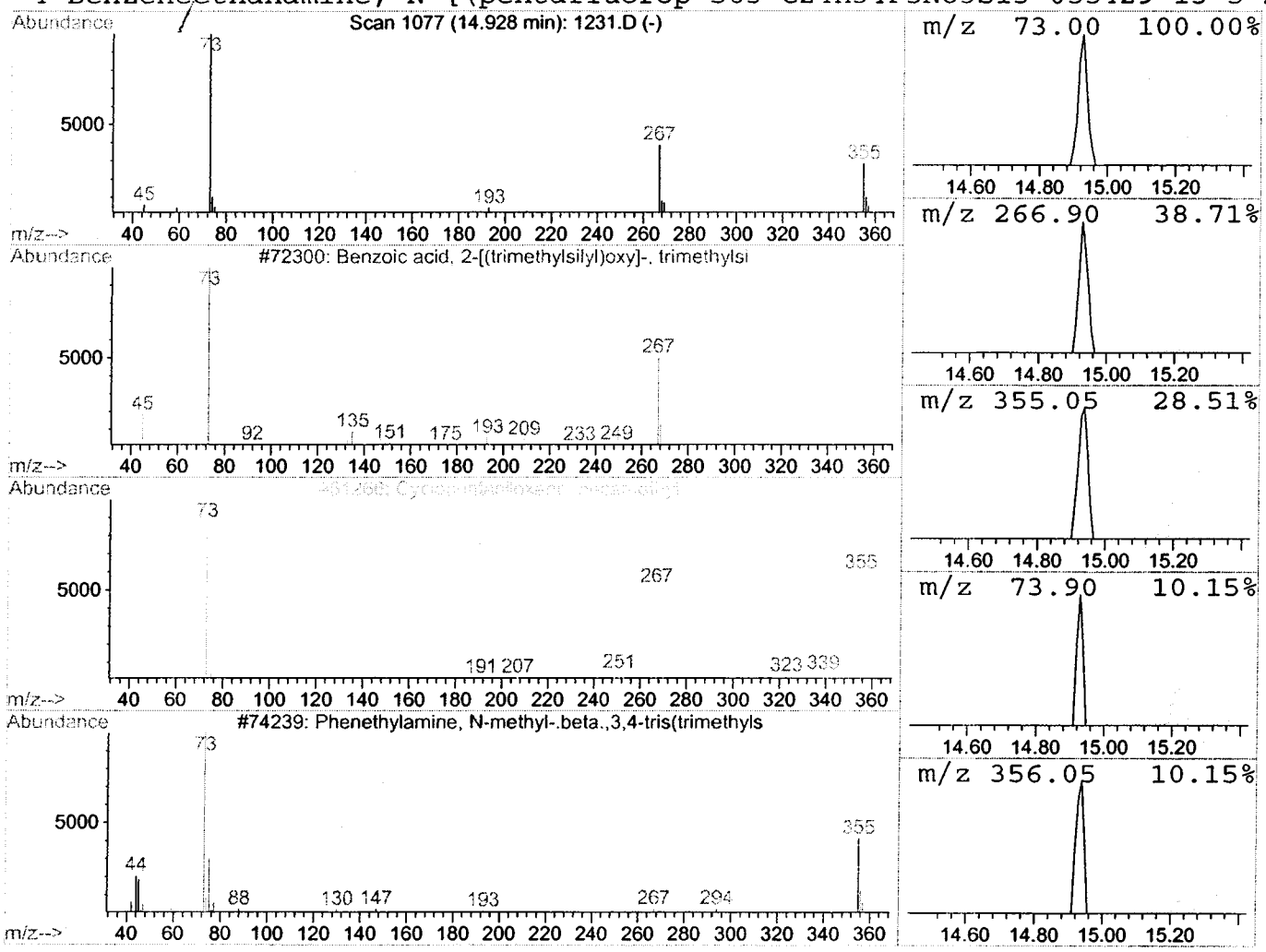
  Data File : C:\HPCHEM\1\DATA\FEB1902\1231.D              Vial: 6
  Acq On    : 19 Feb 2002    3:17 pm                   Operator: 209  GALOS
  Sample    : gc/ms scan 1/18                          Inst    : GC/MS 209
  Misc      :                                          Multiplr: 1.00
  MS Integration Params: LSCINT.P

  Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
  Title        : 209 625/TCLP calibration table
  Library      : C:\DATABASE\NBS75K.L
**********************************************************************
Peak Number  2  Benzoic acid, 2-[(trimethylsil  Concentration Rank  2

  R.T.    EstConc           Area       Relative to ISTD          R.T.
----------------------------------------------------------------------
 14.93    0.22 ug/l         21461    Naphthalene-d8              15.97

 Hit# of  5    Tentative ID                  MW  MolForm       CAS#        Qual
-------------------------------------------------------------------------------
 1 Benzoic acid, 2-[(trimethylsilyl)ox 282 C13H22O3Si2    003789-85-3 33
 2 Cyclopentasiloxane, decamethyl-     370 C10H30O5Si5    000541-02-6 33
 3 Phenethylamine, N-methyl-.beta.,3,4 399 C18H37NO3Si3   010538-85-9 23
 4 Benzeneethanamine, N-[(pentafluorop 563 C24H34F5NO3Si3 055429-13-5 23
```



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Tentatively Identified Compound (TIC) summary

Operator ID: 209 GALOS Date Acquired: 19 Feb 2002 3:17 pm
Data File: C:\HPCHEM\1\DATA\FEB1902\1231.D
Name: gc/ms scan 1/18
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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	8.22	0.4	ug/l	28021	ISTD01	12.34	1453880	20.0
Benzoic acid, 2-[(tr	14.93	0.2	ug/l	21461	ISTD02	15.97	1910660	20.0

1231.D GCMS0208.M Thu Feb 21 15:24:45 2002

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