

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
 Data File : BM010461.D
 Acq On : 09 Jun 2017 19:40
 Operator : SJ/MA
 Sample : I3520-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A41

Quant Time: Jun 10 02:33:19 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 10 02:32:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	243899	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	929319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	644974	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1670454	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1844270	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1638663	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	13728	2.31	ng/uL	0.00
5) Phenol-d5	7.09	99	240717	13.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	142436	13.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	221533	15.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	152665	10.24	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	104423	15.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	125394	15.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	260656	16.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	226988	14.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	941923	17.58	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1027674	16.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	80565	10.05	ng/ul	0.00
57) Fluorene-d10	15.53	176	825894	17.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	145242	12.28	ng/ul	0.00
70) Anthracene-d10	17.39	188	1317086	16.20	ng/ul	0.00
76) Pyrene-d10	19.67	212	1574472	20.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1226749	16.08	ng/ul	0.00

Target Compounds

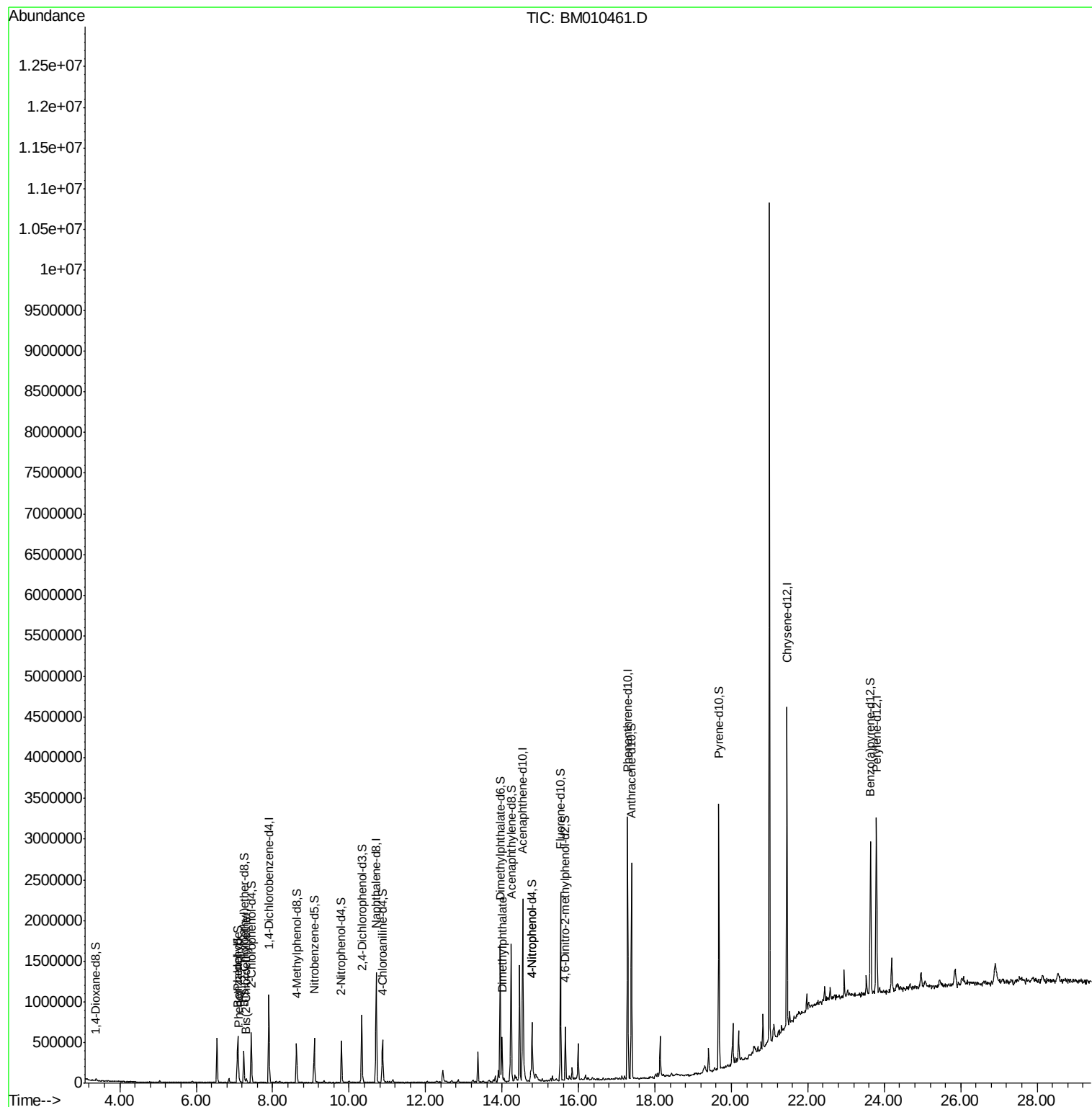
					Qvalue
4) Benzaldehyde	7.07	77	65054	5.234 ng/ul	91
6) Phenol	7.12	94	23416	1.236 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.30	93	17436	1.326 ng/ul#	26
44) Dimethylphthalate	14.00	163	293453	5.568 ng/ul	99
52) 4-Nitrophenol	14.77	109	11030	1.004 ng/ul#	51

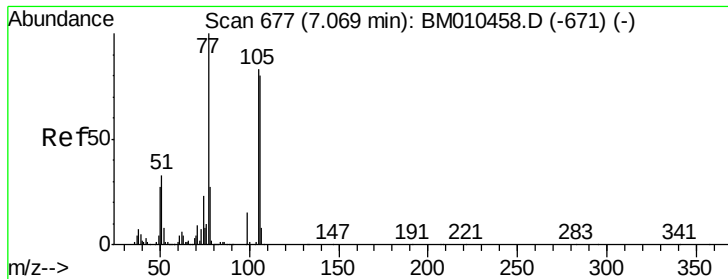
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 5.234 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM010461.D

Acq: 09 Jun 2017 19:40

Instrument :

BNA_M

ClientSampleId :

F5A41

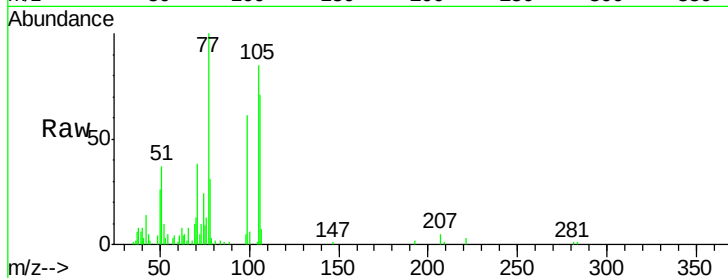
Tgt Ion: 77 Resp: 65054

Ion Ratio Lower Upper

77 100

105 85.3 66.1 99.1

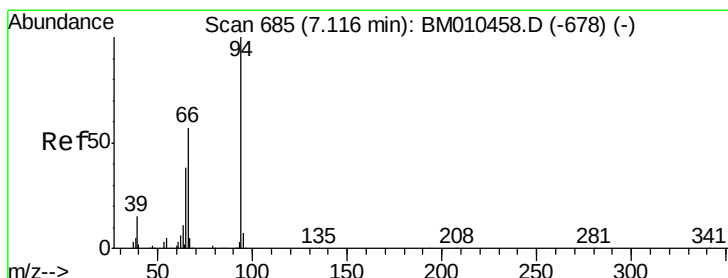
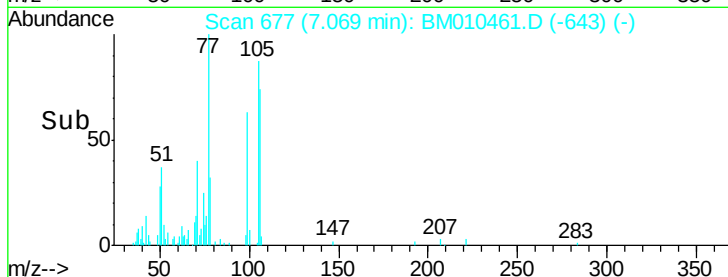
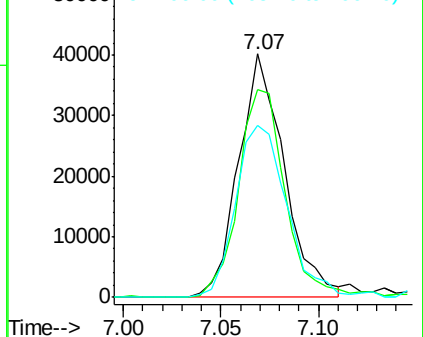
106 70.6 67.8 101.6



Abundance Ion 77.00 (76.70 to 77.70): BM010461.D (-643) (-)

Ion 105.00 (104.70 to 105.70): BM010461.D (-643) (-)

Ion 106.00 (105.70 to 106.70): BM010461.D (-643) (-)



#6

Phenol

Concen: 1.236 ng/ul

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM010461.D

Acq: 09 Jun 2017 19:40

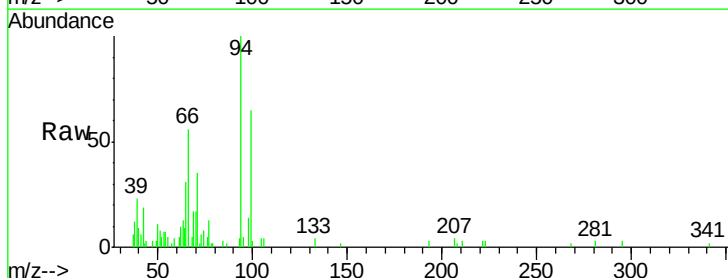
Tgt Ion: 94 Resp: 23416

Ion Ratio Lower Upper

94 100

65 31.1 28.2 42.4

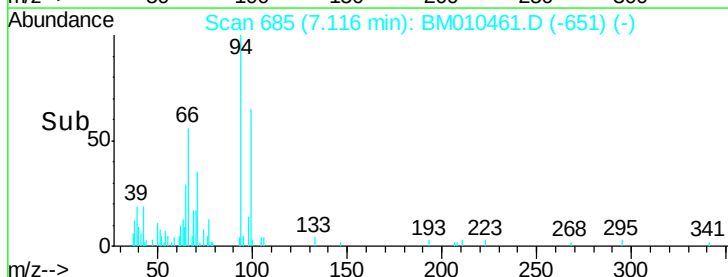
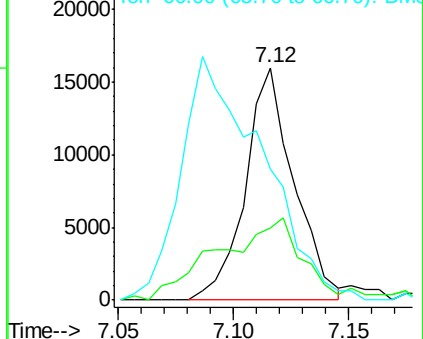
66 56.2 47.2 70.8

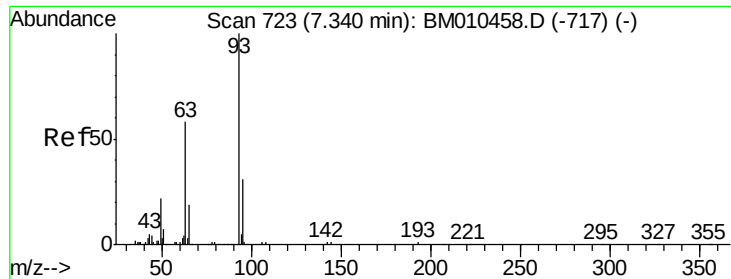


Abundance Ion 94.00 (93.70 to 94.70): BM010461.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM010461.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM010461.D (-651) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 1.326 ng/ul

RT: 7.30 min Scan# 717

Delta R.T. -0.04 min

Lab File: BM010461.D

Acq: 09 Jun 2017 19:40

Instrument :

BNA_M

ClientSampleId :

F5A41

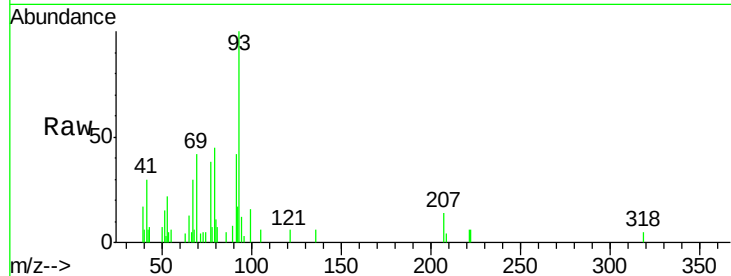
Tgt Ion: 93 Resp: 17436

Ion Ratio Lower Upper

93 100

63 3.8 57.3 85.9#

95 0.0 26.6 39.8#

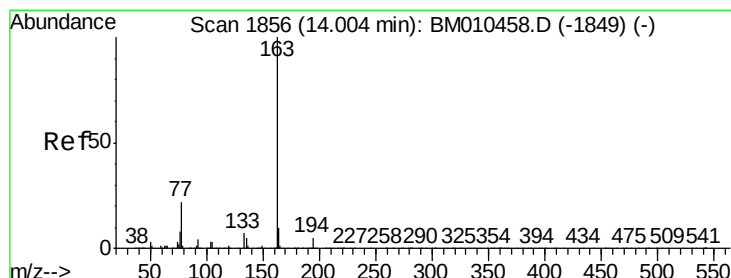
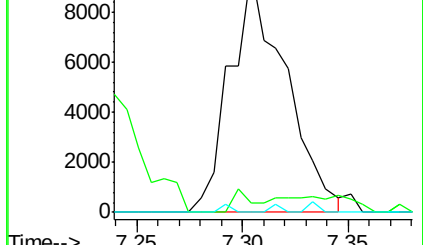
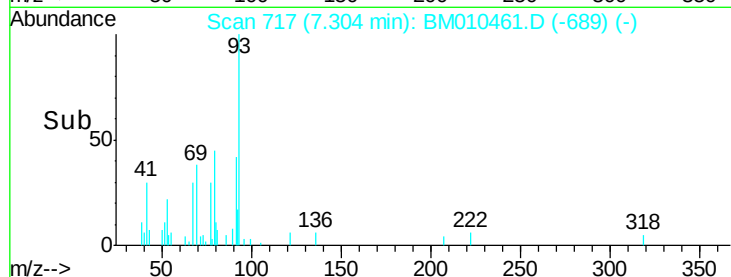


Abundance Ion 93.00 (92.70 to 93.70): BM010458.D (-717) (-)

Ion 63.00 (62.70 to 63.70): BM010458.D (-717) (-)

Ion 95.00 (94.70 to 95.70): BM010458.D (-717) (-)

Time-->



#44

Dimethylphthalate

Concen: 5.568 ng/ul

RT: 14.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM010461.D

Acq: 09 Jun 2017 19:40

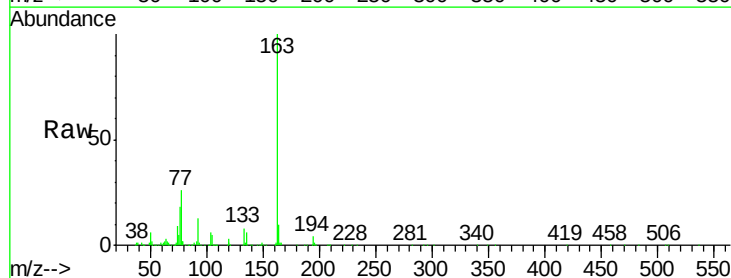
Tgt Ion: 163 Resp: 293453

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 9.7 8.2 12.4

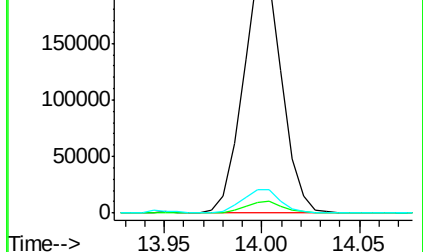
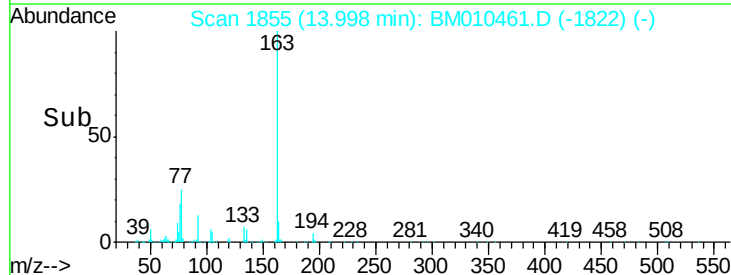


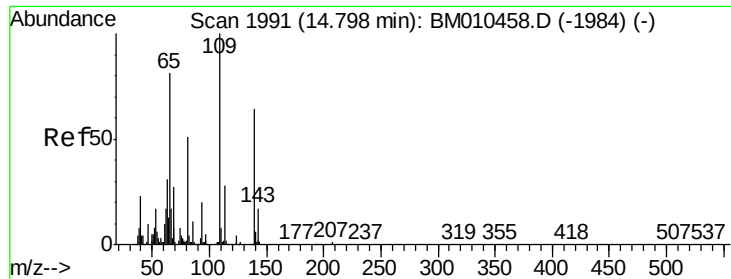
Abundance Ion 163.00 (162.70 to 163.70): BM010458.D (-1849) (-)

Ion 194.00 (193.70 to 194.70): BM010458.D (-1849) (-)

Ion 164.00 (163.70 to 164.70): BM010458.D (-1849) (-)

Time-->





#52

4-Nitrophenol

Concen: 1.004 ng/ul

RT: 14.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BM010461.D

Acq: 09 Jun 2017 19:40

Instrument :

BNA_M

ClientSampleId :

F5A41

Tgt Ion:109 Resp: 11030

Ion Ratio Lower Upper

109 100

139 5.7 66.6 100.0#

65 80.5 78.3 117.5

