

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM012015\  
 Data File : BM000265.D  
 Acq On : 20 Jan 2015 14:58  
 Operator : TP/IZ  
 Sample : G1102-06  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ClientSampleId :  
 C0AE9

Quant Time: Jan 21 01:04:30 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM122914.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 21 00:20:03 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 140664   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.61 | 136  | 572446   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 377747   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.20 | 188  | 757835   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.39 | 240  | 823552   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.68 | 264  | 793849   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.31  | 96  | 18901   | 7.79  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.98  | 99  | 431859  | 36.50 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 303330  | 40.55 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 322111  | 37.12 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 339142  | 36.03 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.97  | 128 | 170835  | 43.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 176923  | 43.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 315938  | 35.39 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 382900  | 37.80 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.86 | 166 | 1041232 | 37.37 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.15 | 160 | 1297972 | 38.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.65 | 143 | 145561  | 32.10 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.45 | 176 | 896249  | 37.46 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 114706  | 31.94 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.30 | 188 | 1360829 | 38.83 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.60 | 212 | 1503681 | 39.58 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.54 | 264 | 1414092 | 39.25 | ng/ul | 0.00 |

## Target Compounds

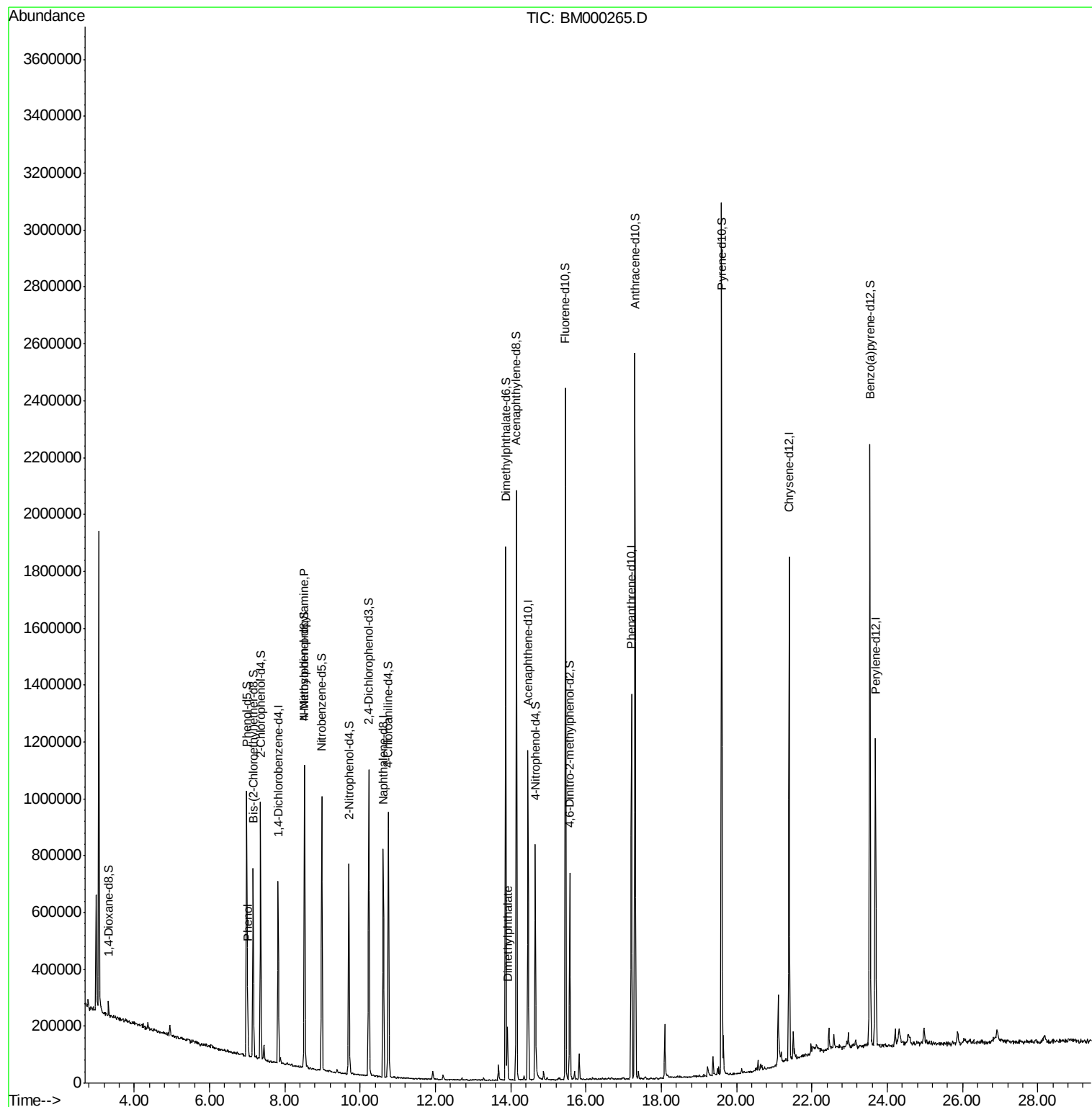
|                                |       |     |       |      |        | Qvalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 6) Phenol                      | 7.01  | 94  | 61640 | 4.94 | ng/ul# | 90     |
| 15) N-Nitroso-di-n-propylamine | 8.52  | 70  | 11238 | 1.31 | ng/ul# | 1      |
| 44) Dimethylphthalate          | 13.91 | 163 | 94521 | 3.41 | ng/ul  | 99     |

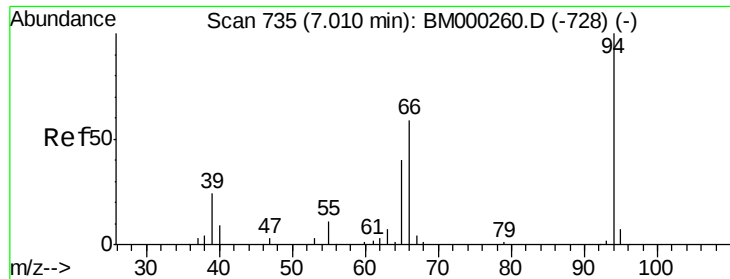
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM012015\  
Data File : BM000265.D  
Acq On : 20 Jan 2015 14:58  
Operator : TP/IZ  
Sample : G1102-06  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ClientSampleId :  
C0AE9

Quant Time: Jan 21 01:04:30 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM122914.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jan 21 00:20:03 2015  
Response via : Initial Calibration





#6

Phenol

Concen: 4.94 ng/ul

RT: 7.01 min Scan# 735

Delta R.T. 0.00 min

Lab File: BM000265.D

Acq: 20 Jan 2015 14:58

Instrument :  
ClientSampled :  
C0AE9

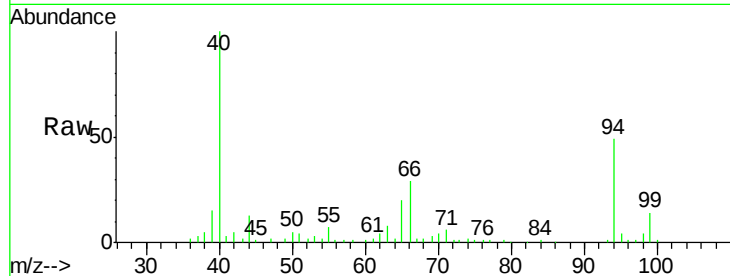
Tgt Ion: 94 Resp: 61640

Ion Ratio Lower Upper

94 100

65 41.6 27.4 41.0#

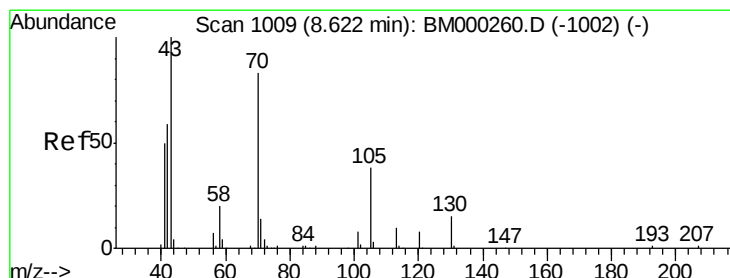
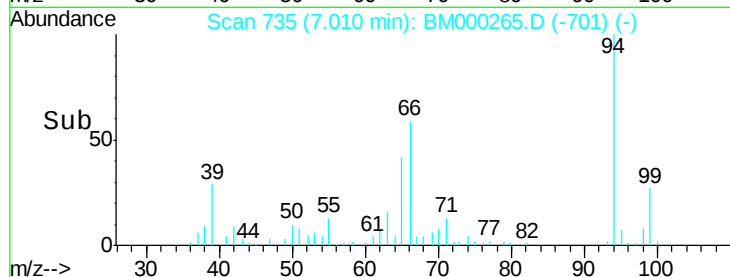
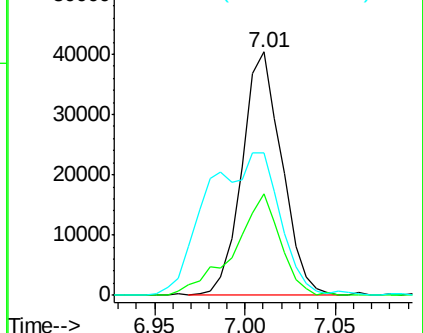
66 58.6 42.5 63.7



Abundance Ion 94.00 (93.70 to 94.70): BM000260.D (-728) (-)

Ion 65.00 (64.70 to 65.70): BM000260.D (-728) (-)

Ion 66.00 (65.70 to 66.70): BM000260.D (-728) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.31 ng/ul

RT: 8.52 min Scan# 991

Delta R.T. -0.11 min

Lab File: BM000265.D

Acq: 20 Jan 2015 14:58

Tgt Ion: 70 Resp: 11238

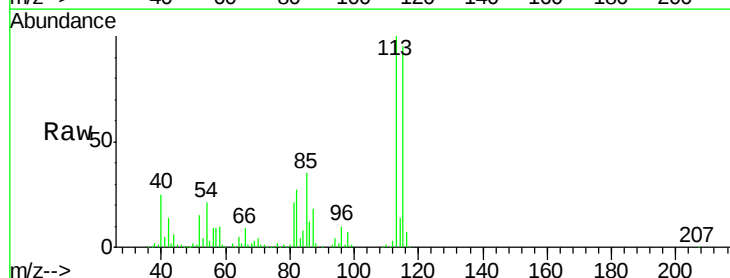
Ion Ratio Lower Upper

70 100

42 344.3 46.4 69.6#

101 0.0 7.8 11.8#

130 0.0 14.6 21.8#

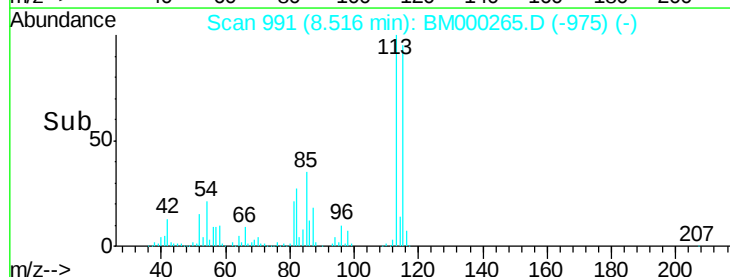
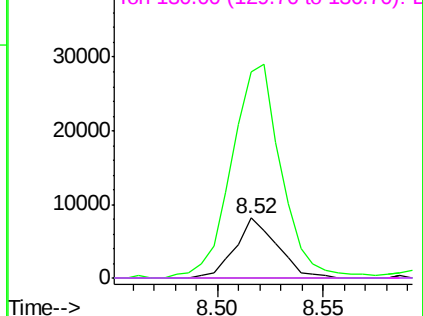


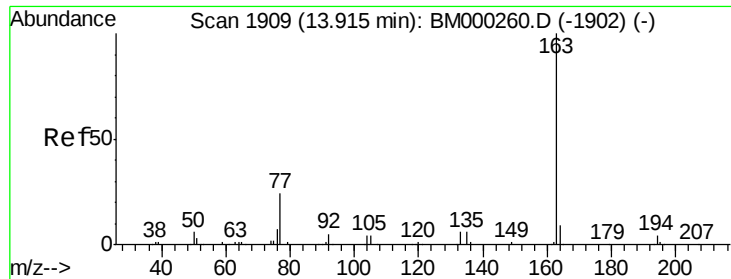
Abundance Ion 70.00 (69.70 to 70.70): BM000260.D (-1002) (-)

Ion 42.00 (41.70 to 42.70): BM000260.D (-1002) (-)

Ion 101.00 (100.70 to 101.70): BM000260.D (-1002) (-)

Ion 130.00 (129.70 to 130.70): BM000260.D (-1002) (-)





#44

Dimethylphthalate

Concen: 3.41 ng/ul

RT: 13.91 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM000265.D

Acq: 20 Jan 2015 14:58

Instrument :

ClientSampleId :

C0AE9

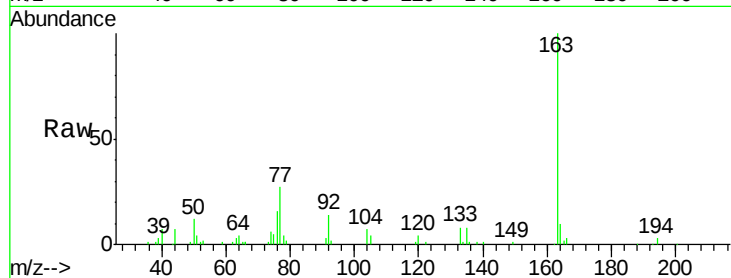
Tgt Ion:163 Resp: 94521

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

