

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012117\  
 Data File : BM008792.D  
 Acq On : 22 Jan 2017 04:08  
 Operator : UM/SJ  
 Sample : I1316-07  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDP05

Quant Time: Jan 23 05:03:50 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM010617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 23 04:58:16 2017  
 Response via : Initial Calibration

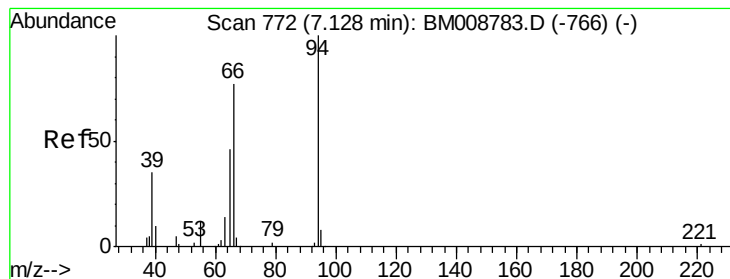
| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 72571    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.75 | 136  | 287323   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.58 | 164  | 219991   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.32 | 188  | 514681   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.49 | 240  | 830248   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.84 | 264  | 736704   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96   | 8352     | 5.32  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.10  | 99   | 166584   | 27.94 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.28  | 67   | 135218   | 33.42 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.47  | 132  | 113398   | 27.31 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.64  | 113  | 129434   | 27.99 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.11  | 128  | 56925    | 32.11 | ng/ul | -0.01    |
| 22) 2-Nitrophenol-d4           | 9.83  | 143  | 67614    | 35.09 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.36 | 165  | 133779   | 30.15 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.89 | 131  | 153593   | 31.25 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.99 | 166  | 462169   | 31.84 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.27 | 160  | 533554   | 31.17 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.76 | 143  | 71215    | 30.00 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.57 | 176  | 428798   | 32.04 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.68 | 200  | 85483    | 32.22 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.42 | 188  | 761376   | 34.34 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.70 | 212  | 1034247  | 28.27 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.70 | 264  | 1071573  | 35.66 | ng/ul | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol                      | 7.12  | 94   | 33149    | 5.17  | ng/ul# | 49     |
| 15) N-Nitroso-di-n-propylamine | 8.64  | 70   | 7327     | 1.59  | ng/ul# | 1      |
| 21) Isophorone                 | 9.83  | 82   | 17198    | 1.54  | ng/ul# | 73     |
| 44) Dimethylphthalate          | 14.03 | 163  | 232106   | 16.00 | ng/ul  | 97     |

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

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Acq On    : 22 Jan 2017   04:08
Operator  : UM/SJ
Sample    : I1316-07
Misc      :
ALS Vial  : 23      Sample Multiplier: 1
```



#6

Phenol

Concen: 5.17 ng/ul

RT: 7.12 min Scan# 771

Delta R.T. -0.01 min

Lab File: BM008792.D

Acq: 22 Jan 2017 04:08

Instrument :

BNA\_M

ClientSampleId :

BDP05

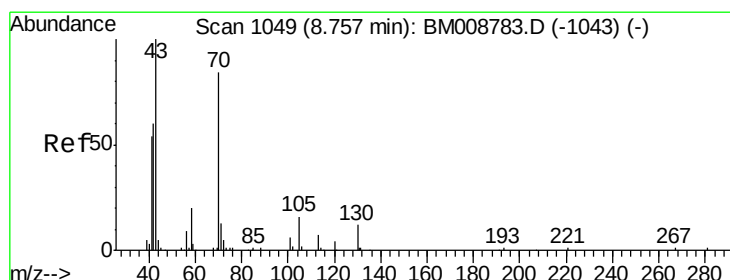
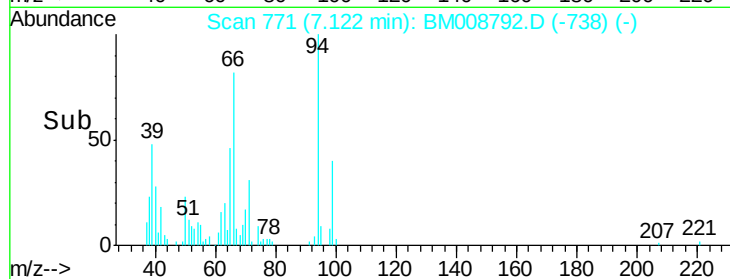
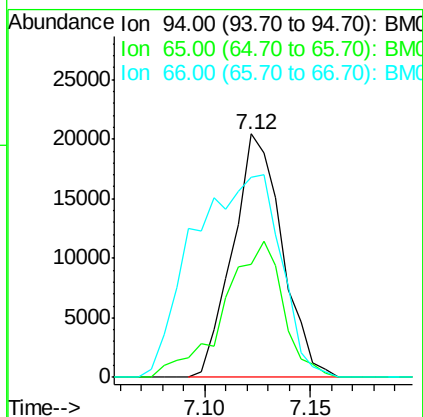
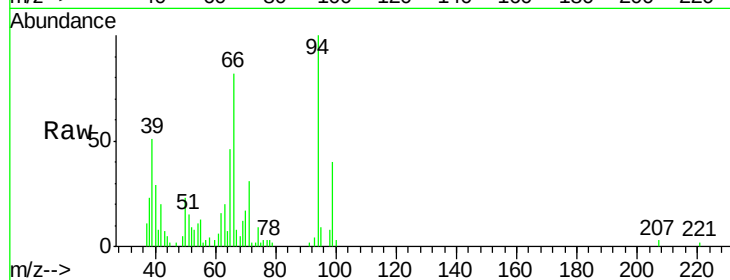
Tgt Ion: 94 Resp: 33149

Ion Ratio Lower Upper

94 100

65 46.4 23.1 34.7#

66 81.9 33.7 50.5#



#15

N-Nitroso-di-n-propylamine

Concen: 1.59 ng/ul

RT: 8.64 min Scan# 1029

Delta R.T. -0.12 min

Lab File: BM008792.D

Acq: 22 Jan 2017 04:08

Tgt Ion: 70 Resp: 7327

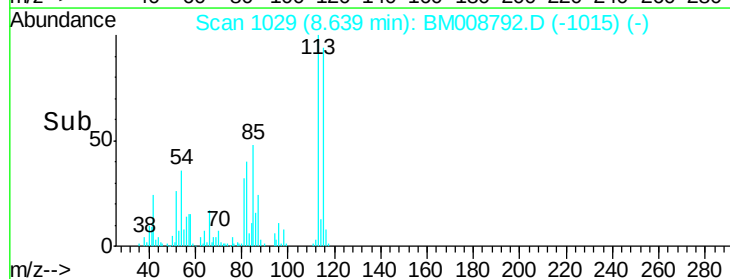
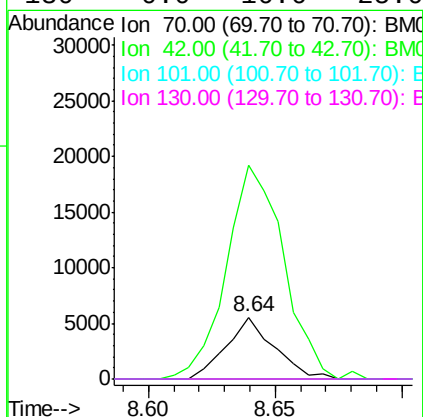
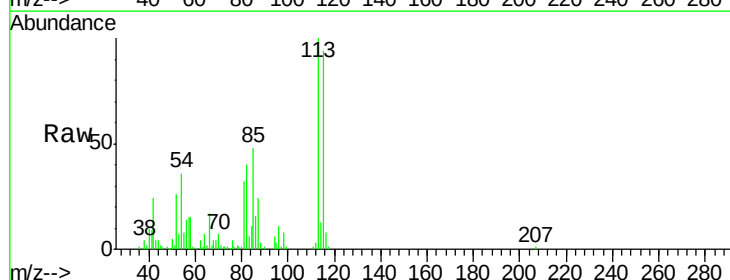
Ion Ratio Lower Upper

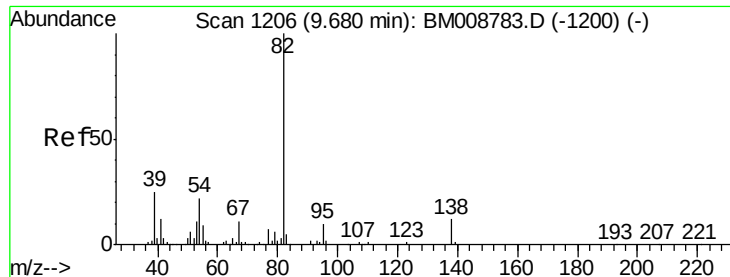
70 100

42 345.6 37.5 56.3#

101 0.0 7.8 11.8#

130 0.0 16.6 25.0#





#21

Isophorone

Concen: 1.54 ng/ul

RT: 9.83 min Scan# 1231

Delta R.T. 0.15 min

Lab File: BM008792.D

Acq: 22 Jan 2017 04:08

Instrument :

BNA\_M

ClientSampled :

BDP05

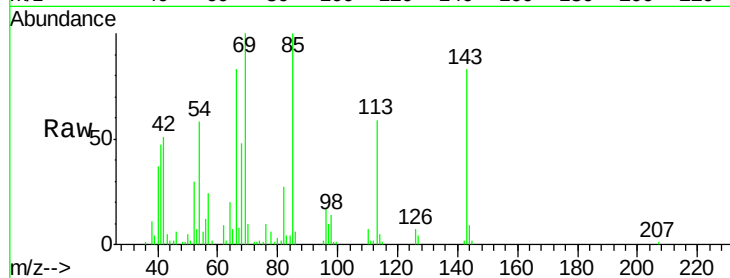
Tgt Ion: 82 Resp: 17198

Ion Ratio Lower Upper

82 100

95 8.4 6.1 9.1

138 0.0 13.4 20.2#

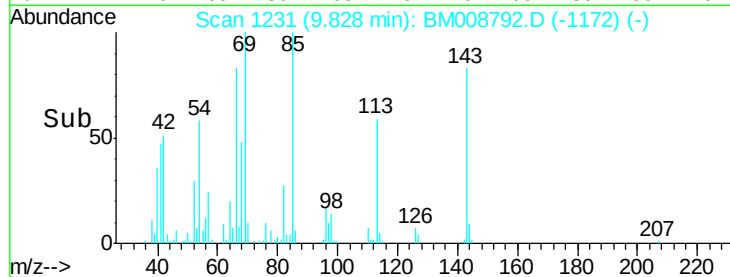


Abundance Ion 82.00 (81.70 to 82.70): BM008783.D (-1200) (-)

Ion 95.00 (94.70 to 95.70): BM008783.D (-1200) (-)

Ion 138.00 (137.70 to 138.70): BM008783.D (-1200) (-)

Time-->

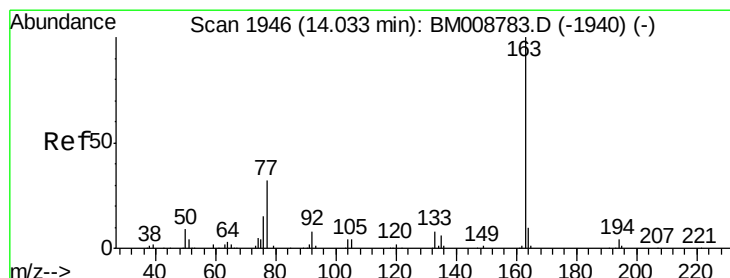


Abundance Ion 82.00 (81.70 to 82.70): BM008792.D (-1172) (-)

Ion 95.00 (94.70 to 95.70): BM008792.D (-1172) (-)

Ion 138.00 (137.70 to 138.70): BM008792.D (-1172) (-)

Time-->



#44

Dimethylphthalate

Concen: 16.00 ng/ul

RT: 14.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM008792.D

Acq: 22 Jan 2017 04:08

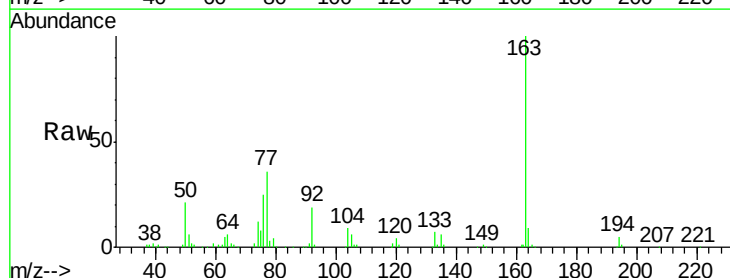
Tgt Ion: 163 Resp: 232106

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

164 8.8 8.2 12.4

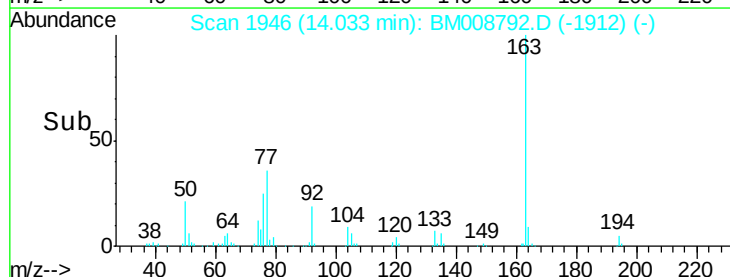


Abundance Ion 163.00 (162.70 to 163.70): BM008783.D (-1940) (-)

Ion 194.00 (193.70 to 194.70): BM008783.D (-1940) (-)

Ion 164.00 (163.70 to 164.70): BM008783.D (-1940) (-)

Time-->



Abundance Ion 163.00 (162.70 to 163.70): BM008792.D (-1912) (-)

Ion 194.00 (193.70 to 194.70): BM008792.D (-1912) (-)

Ion 164.00 (163.70 to 164.70): BM008792.D (-1912) (-)

Time-->