

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092415\  
 Data File : BG018891.D  
 Acq On : 25 Sep 2015 5:36  
 Operator : TP  
 Sample : G3802-08  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E43H9

Quant Time: Sep 25 07:32:05 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 25 04:50:00 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 57178    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 252214   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.62 | 164  | 166944   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.37 | 188  | 404321   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.63 | 240  | 423532   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.81 | 264  | 428919   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.44  | 96  | 5011   | 4.21  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.16  | 99  | 120645 | 25.70 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.32  | 67  | 68515  | 25.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.53  | 132 | 95159  | 26.76 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.70  | 113 | 100088 | 26.27 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.15  | 128 | 48150  | 25.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.88  | 143 | 44162  | 22.98 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.42 | 165 | 103217 | 25.51 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.93 | 131 | 124109 | 26.37 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.02 | 166 | 330759 | 24.62 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.32 | 160 | 343755 | 21.59 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.82 | 143 | 49021  | 19.01 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.62 | 176 | 232063 | 19.75 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 25435  | 13.29 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.47 | 188 | 350364 | 19.68 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.75 | 212 | 348448 | 17.88 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.59 | 264 | 351531 | 16.84 | ng/ul | 0.00 |

## Target Compounds

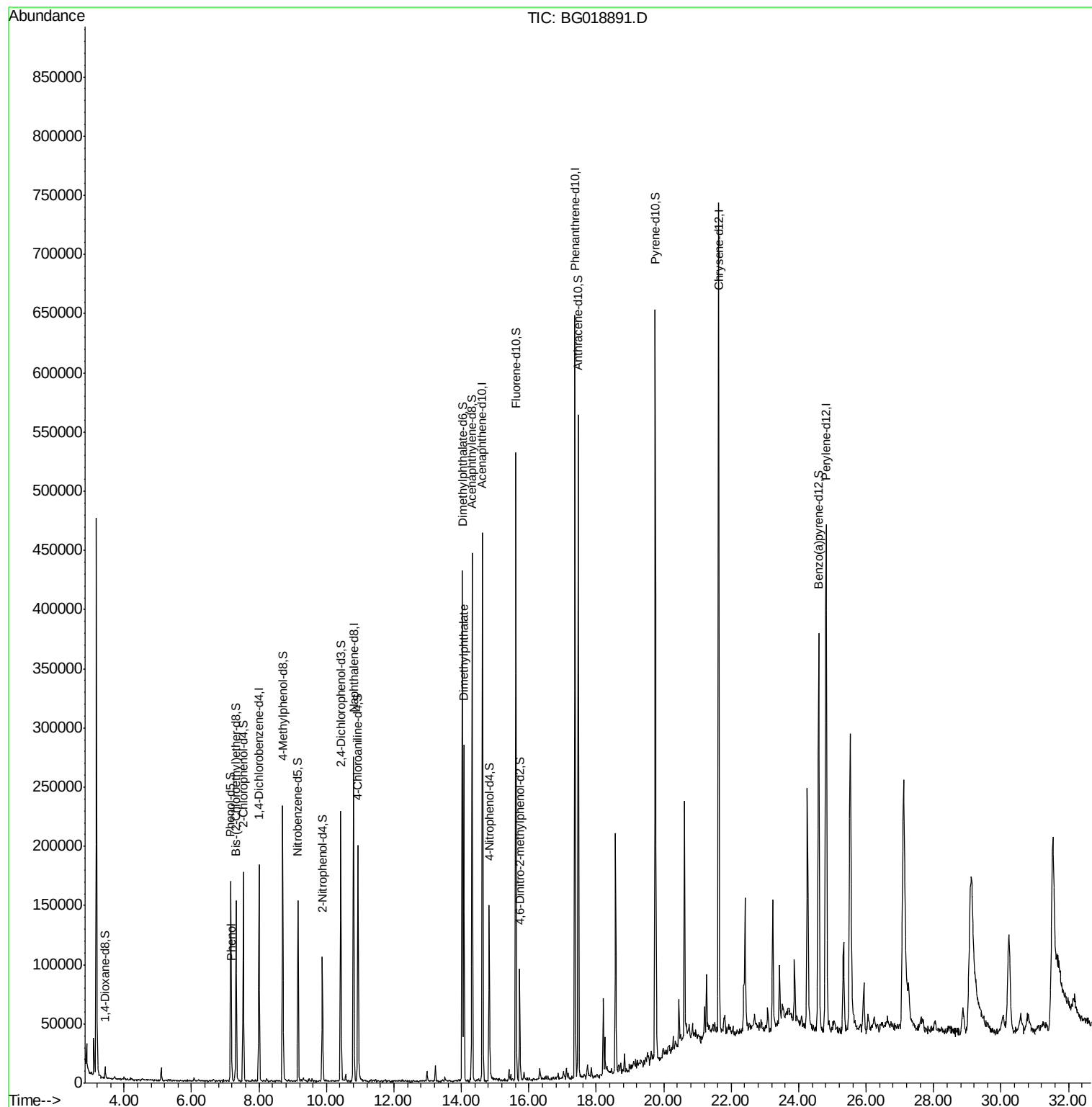
|                       |       |     |        |             | Ovalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 6) Phenol             | 7.18  | 94  | 5806   | 1.20 ng/ul# | 83     |
| 45) Dimethylphthalate | 14.07 | 163 | 202615 | 15.56 ng/ul | 99     |

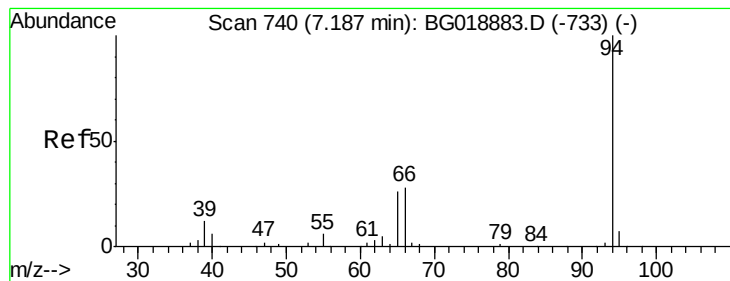
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.20 ng/ul

RT: 7.18 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG018891.D

Acq: 25 Sep 2015 5:36

Instrument :

BNA\_G

ClientSampled :

E43H9

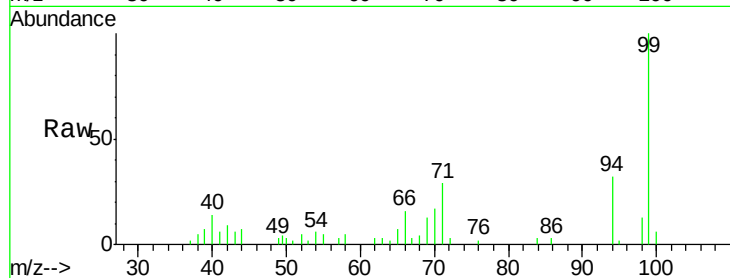
Tot Ion: 94 Resp: 5806

Ion Ratio Lower Upper

94 100

65 22.1 23.0 34.6#

66 51.4 31.0 46.4#

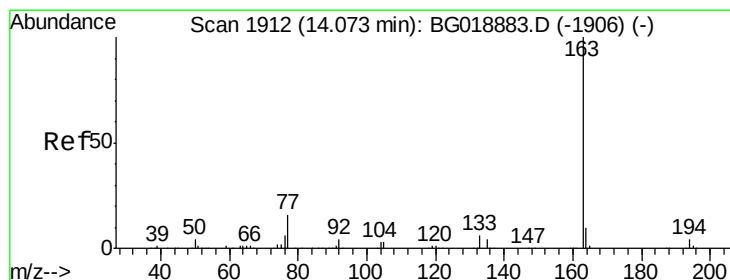
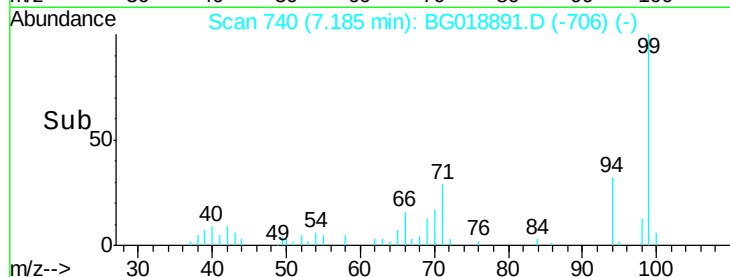
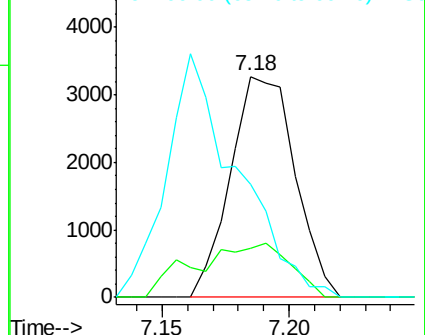


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 15.56 ng/ul

RT: 14.07 min Scan# 1912

Delta R.T. -0.00 min

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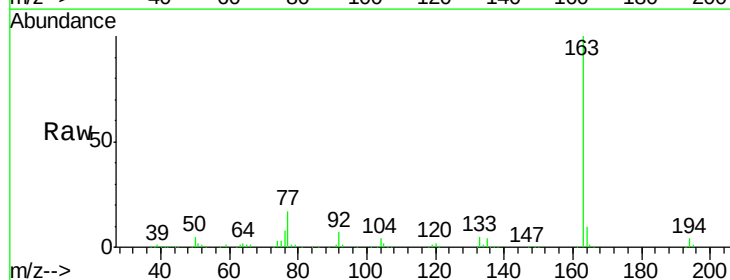
Tgt Ion: 163 Resp: 202615

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

164 9.9 7.7 11.5



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

