

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG092415\  
 Data File : BG018885.D  
 Acq On : 25 Sep 2015 1:49  
 Operator : TP  
 Sample : G3802-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E43H5

Quant Time: Sep 25 04:51:36 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  | 52629    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 223889   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.62 | 164  | 145204   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.37 | 188  | 363911   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.62 | 240  | 411904   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.81 | 264  | 415288   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.44  | 96   | 5755     | 5.26  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.16  | 99   | 125866   | 29.12 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.32  | 67   | 76391    | 30.50 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.53  | 132  | 103322   | 31.57 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.70  | 113  | 108086   | 30.82 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.15  | 128  | 53559    | 31.58 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.88  | 143  | 59343    | 34.79 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.42 | 165  | 109360   | 30.45 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.93 | 131  | 130619   | 31.26 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 14.03 | 166  | 364845   | 31.22 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.32 | 160  | 365025   | 26.36 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.82 | 143  | 57297    | 25.55 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.61 | 176  | 243067   | 23.79 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200  | 38939    | 22.61 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.46 | 188  | 380196   | 23.73 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.75 | 212  | 364748   | 19.25 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.58 | 264  | 344791   | 17.06 | ng/ul | -0.02    |

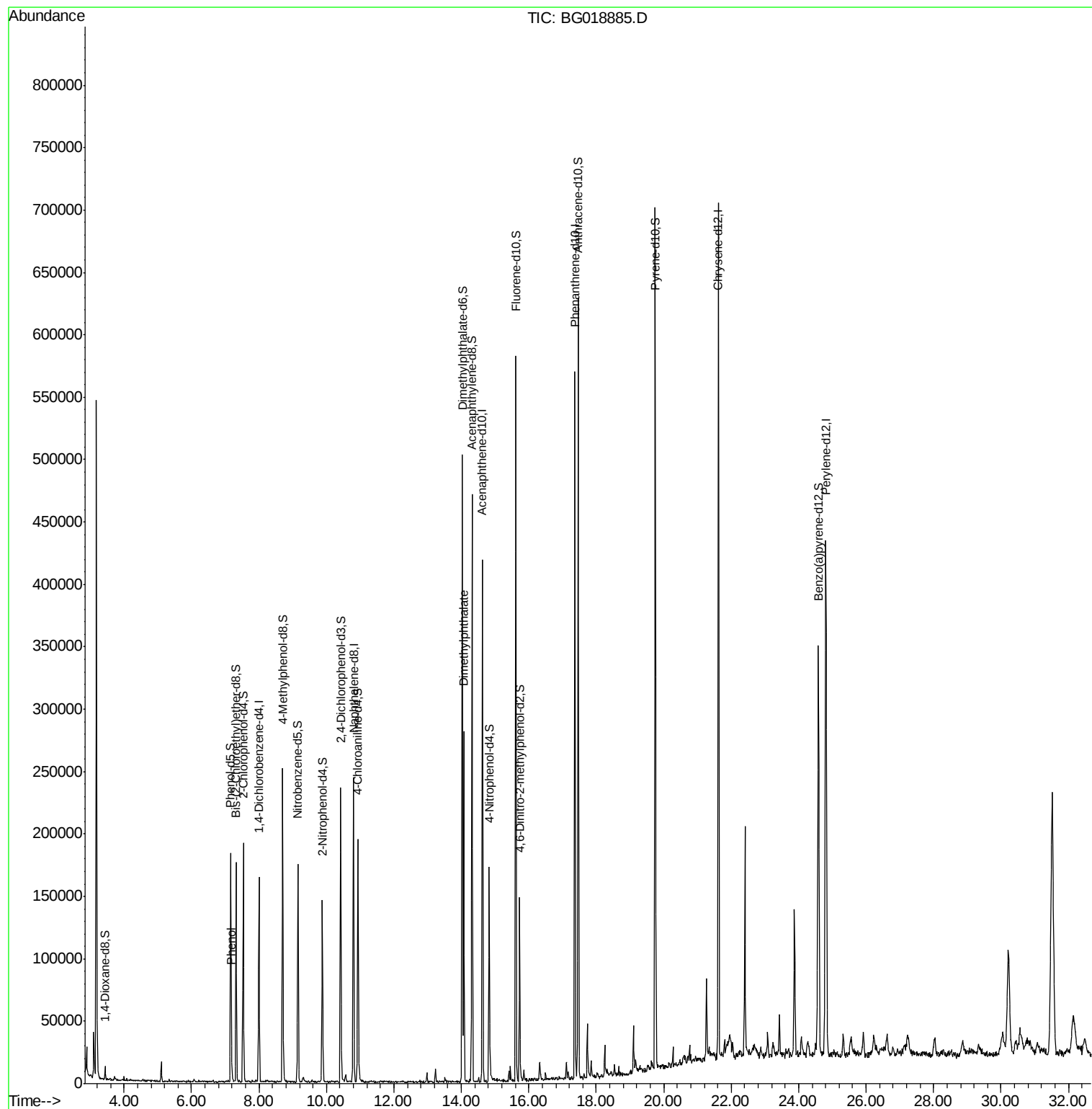
| Target Compounds      | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|-----------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol             | 7.19  | 94   | 5223     | 1.17  | ng/ul# | 82     |
| 45) Dimethylphthalate | 14.07 | 163  | 194116   | 17.14 | ng/ul  | 99     |

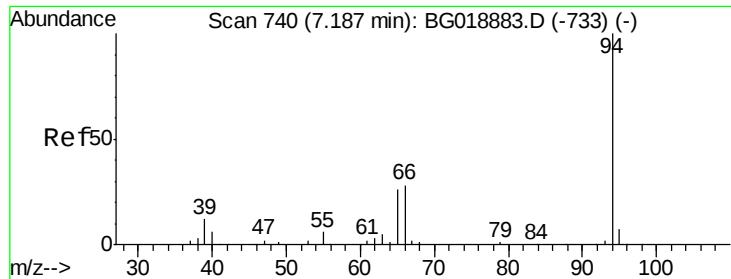
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.17 ng/ul

RT: 7.19 min Scan# 740

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

E43H5

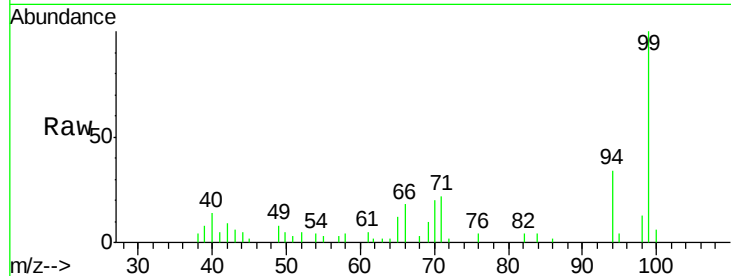
Tgt Ion: 94 Resp: 5223

Ion Ratio Lower Upper

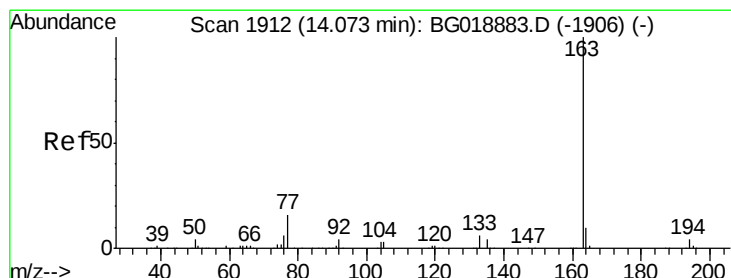
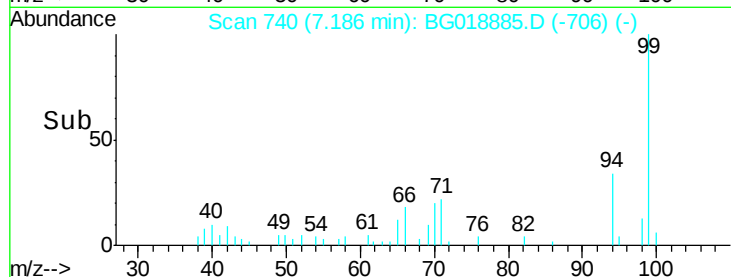
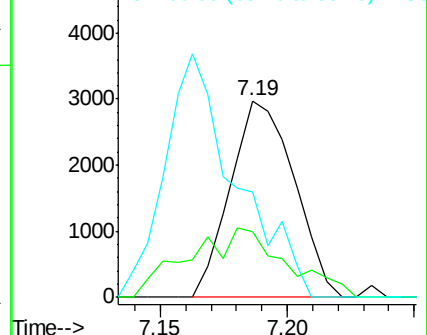
94 100

65 33.6 23.0 34.6

66 53.5 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: 17.14 ng/ul

RT: 14.07 min Scan# 1912

Delta R.T. -0.00 min

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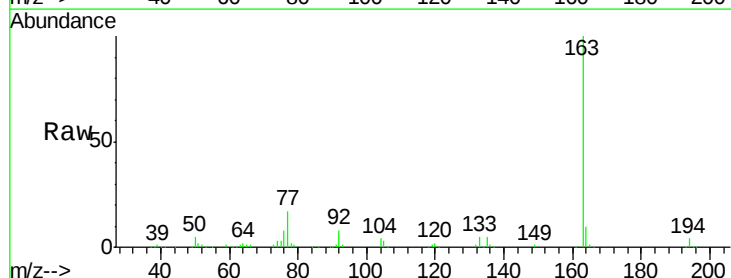
Tgt Ion: 163 Resp: 194116

Ion Ratio Lower Upper

163 100

194 4.1 2.9 4.3

164 10.0 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

