

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\  
 Data File : BG019717.D  
 Acq On : 19 Nov 2015 22:45  
 Operator : UM/NP  
 Sample : G4310-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9KM1

Quant Time: Nov 20 02:22:38 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 20 01:13:44 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 29354    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.98 | 136  | 143650   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.78 | 164  | 124199   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.53 | 188  | 354781   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.80 | 240  | 440646   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.12 | 264  | 424340   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.44  | 96  | 3893   | 5.66  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.30  | 99  | 102759 | 34.18 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.46  | 67  | 64168  | 32.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.67  | 132 | 65274  | 33.85 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.85  | 113 | 85345  | 34.28 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.32  | 128 | 33280  | 28.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.05 | 143 | 30645  | 23.09 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 91695  | 31.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.11 | 131 | 94366  | 34.63 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.18 | 166 | 315314 | 28.07 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.48 | 160 | 352880 | 28.98 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.97 | 143 | 48525  | 27.42 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.77 | 176 | 292503 | 29.10 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 2260   | 0.99  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.63 | 188 | 491709 | 28.55 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.90 | 212 | 578635 | 28.82 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.89 | 264 | 659835 | 29.79 | ng/ul | 0.00 |

## Target Compounds

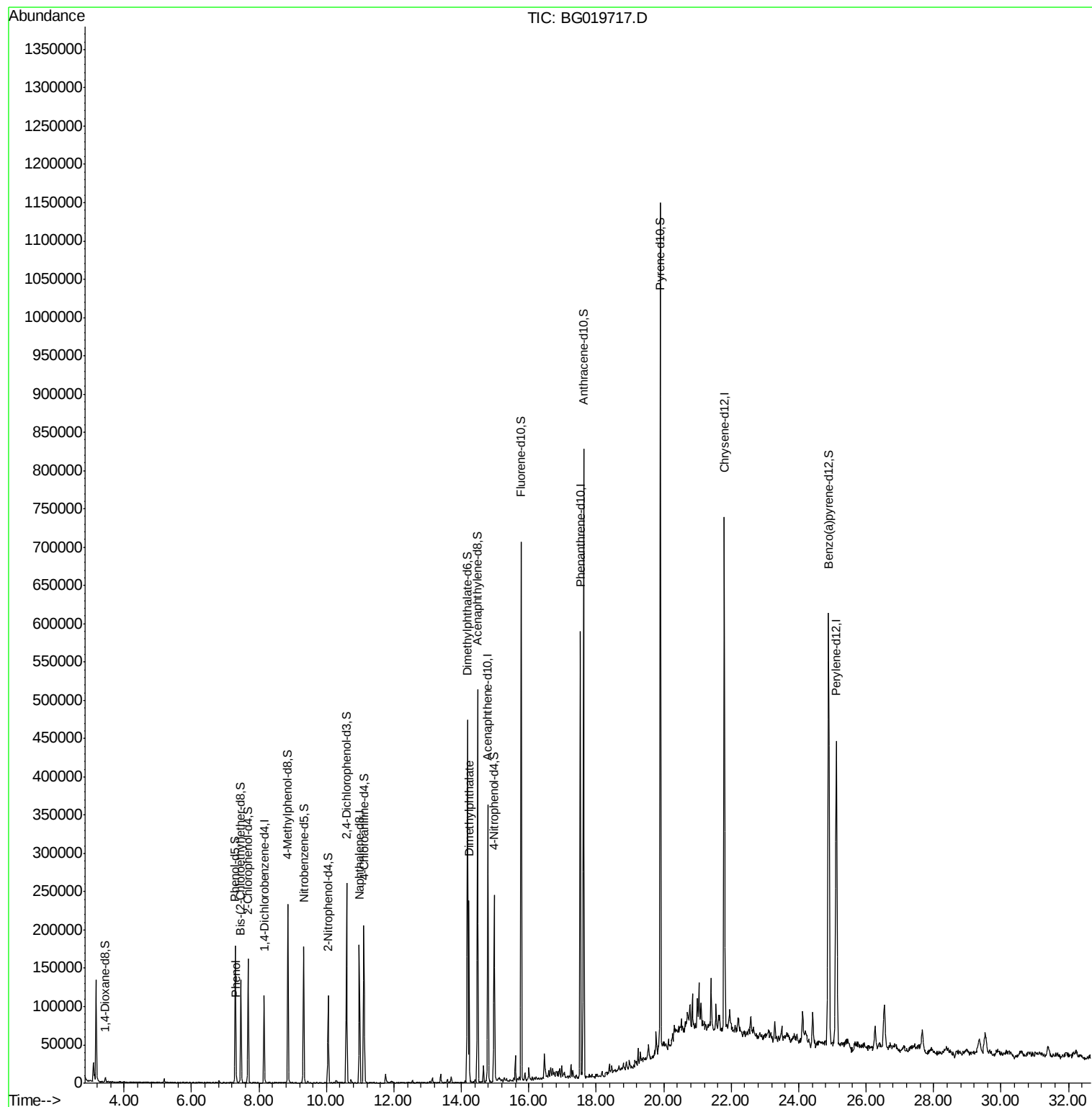
|                       |       |     |        |       |       | Ovalue |
|-----------------------|-------|-----|--------|-------|-------|--------|
| 6) Phenol             | 7.32  | 94  | 5819   | 1.79  | ng/ul | 91     |
| 45) Dimethylphthalate | 14.22 | 163 | 137625 | 12.36 | ng/ul | 99     |

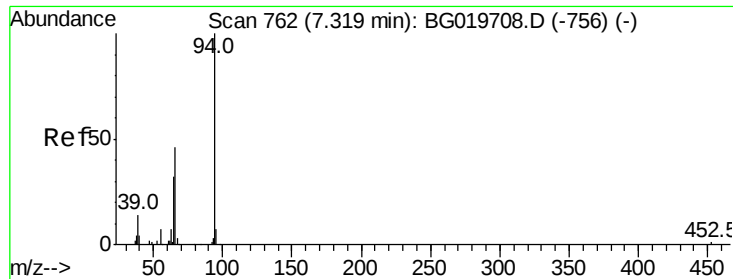
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.79 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

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BNA\_G

ClientSampleId :

D9KM1

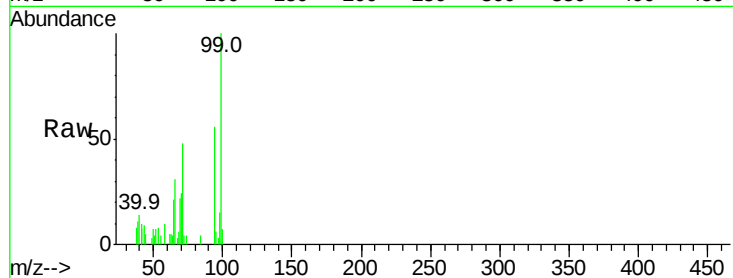
Tot Ion: 94 Resp: 5819

Ion Ratio Lower Upper

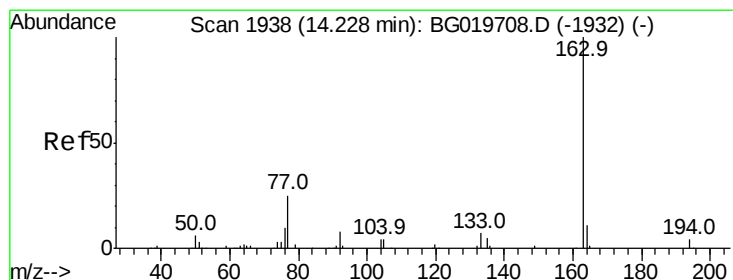
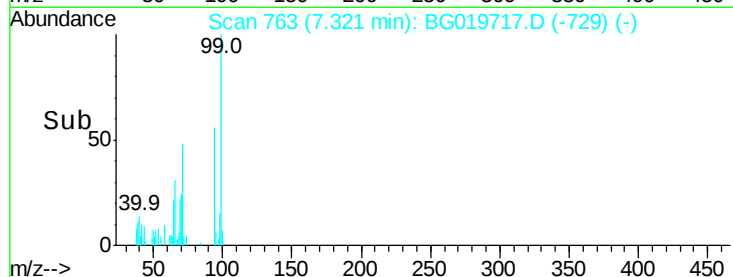
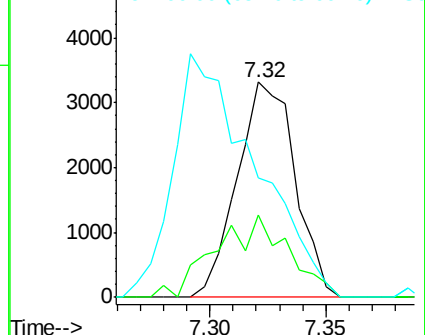
94 100

65 38.5 27.4 41.0

66 55.7 39.0 58.6



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: 12.36 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.00 min

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Acq: 19 Nov 2015 22:45

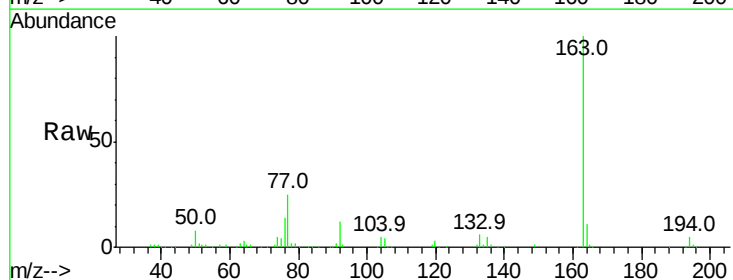
Tgt Ion: 163 Resp: 137625

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): BGC  
Ion 194.00 (193.70 to 194.70): BGC  
Ion 164.00 (163.70 to 164.70): BGC

