

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112215\  
 Data File : BG019781.D  
 Acq On : 22 Nov 2015 13:52  
 Operator : UM/NP  
 Sample : G4345-08  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4J50

Quant Time: Nov 23 01:17:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111615.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 01:15:23 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 17391    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.94 | 136  | 78590    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.75 | 164  | 70399    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.50 | 188  | 200454   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.77 | 240  | 258304   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.07 | 264  | 245792   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96  | 2226   | 5.47  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.26  | 99  | 56997  | 32.00 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 37929  | 32.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.64  | 132 | 37590  | 32.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.82  | 113 | 48199  | 32.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 19899  | 30.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 25747  | 35.45 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165 | 51515  | 32.81 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 61027  | 40.94 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.15 | 166 | 216707 | 34.04 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.45 | 160 | 216555 | 31.38 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.95 | 143 | 30989  | 30.89 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.74 | 176 | 183200 | 32.15 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 33132  | 25.59 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.60 | 188 | 317529 | 32.63 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.87 | 212 | 345156 | 29.33 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.84 | 264 | 369555 | 28.80 | ng/ul | 0.00 |

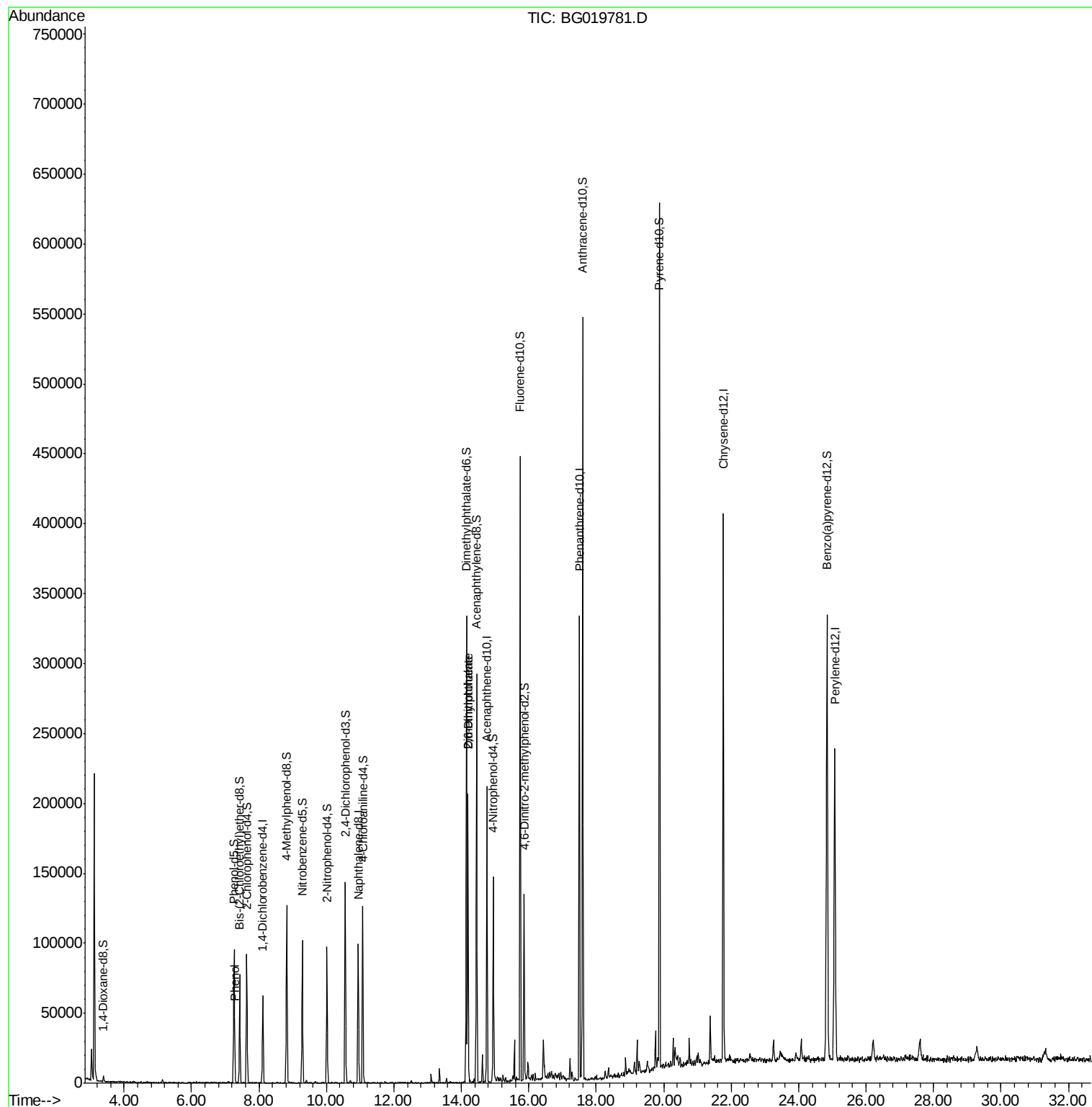
| Target Compounds       |       |     |        |       |        | Qvalue |
|------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol              | 7.29  | 94  | 3780   | 1.96  | ng/ul  | 93     |
| 45) Dimethylphthalate  | 14.20 | 163 | 122662 | 19.43 | ng/ul# | 98     |
| 46) 2,6-Dinitrotoluene | 14.20 | 165 | 1594   | 1.26  | ng/ul# | 51     |

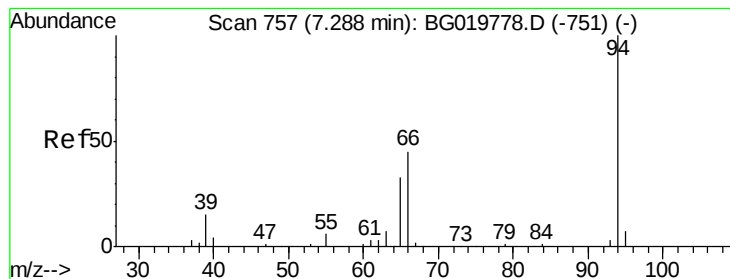
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 23 01:15:23 2015  
Response via : Initial Calibration





#6

Phenol

Concen: 1.96 ng/ul

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG019781.D

Acq: 22 Nov 2015 13:52

Instrument :

BNA\_G

ClientSampled :

A4J50

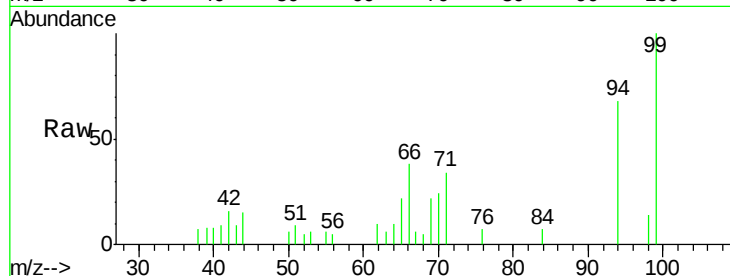
Tgt Ion: 94 Resp: 3780

Ion Ratio Lower Upper

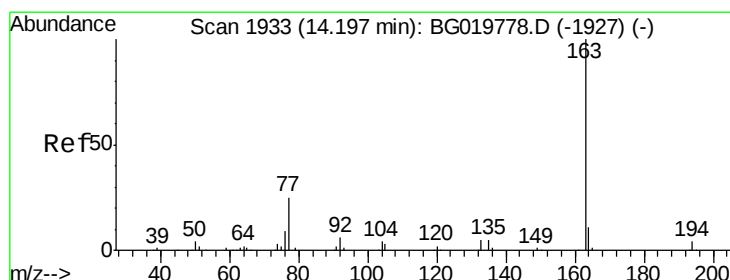
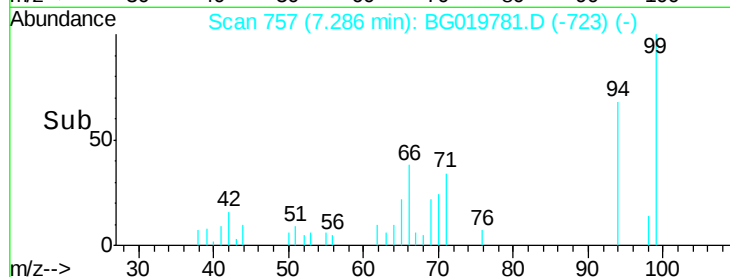
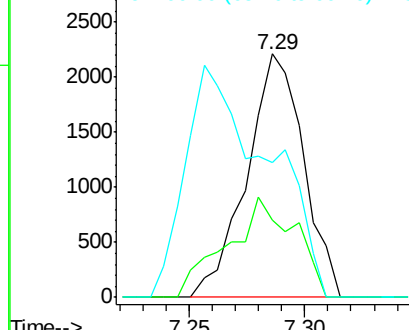
94 100

65 31.9 27.4 41.0

66 55.3 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: 19.43 ng/ul

RT: 14.20 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG019781.D

Acq: 22 Nov 2015 13:52

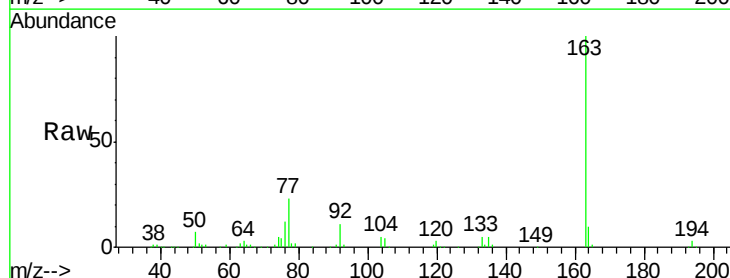
Tgt Ion:163 Resp: 122662

Ion Ratio Lower Upper

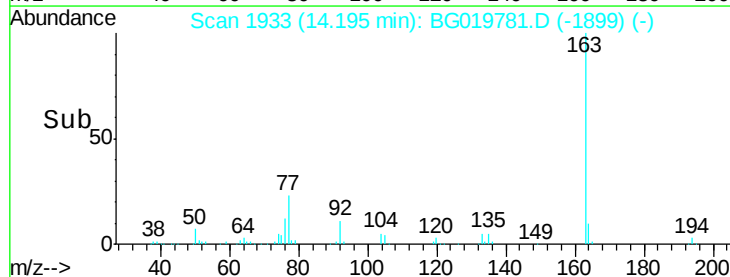
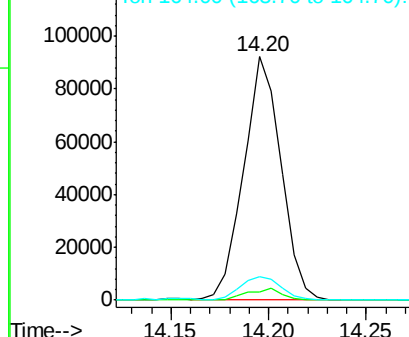
163 100

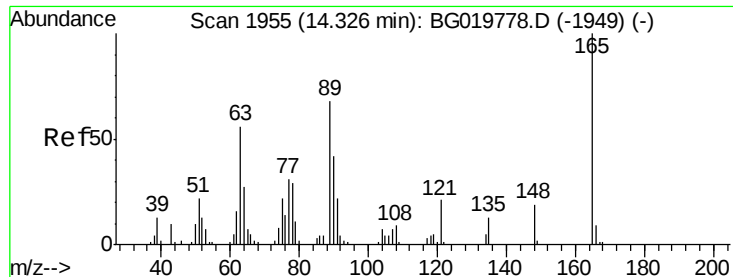
194 3.4 3.5 5.3#

164 9.8 8.3 12.5



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

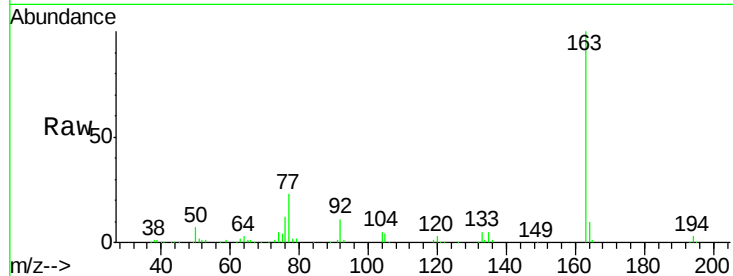




#46  
 2,6-Dinitrotoluene  
 Concen: 1.26 ng/ul  
 RT: 14.20 min Scan# 1933  
 Delta R.T. -0.13 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 24.7  | 61.1  | 91.7# |
| 121     | 17.0  | 17.8  | 26.8# |



Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 89.00 (88.70 to 89.70): BGC  
 Ion 121.00 (120.70 to 121.70): E

