

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112015\  
 Data File : BG019760.D  
 Acq On : 21 Nov 2015 18:51  
 Operator : UM/NP  
 Sample : G4310-10  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9KM5

Quant Time: Nov 22 07:08:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111615.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Nov 22 07:06:07 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 25030    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.94 | 136  | 95137    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.76 | 164  | 75654    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.49 | 188  | 217373   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.76 | 240  | 277764   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.06 | 264  | 266323   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96  | 3592   | 6.13  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.26  | 99  | 81113  | 31.64 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 52597  | 31.31 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.64  | 132 | 52806  | 32.11 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.82  | 113 | 67935  | 32.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 28430  | 36.40 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 34204  | 38.91 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165 | 69031  | 36.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 72851  | 40.37 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.15 | 166 | 250781 | 36.65 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.45 | 160 | 277317 | 37.39 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.94 | 143 | 41241  | 38.26 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.74 | 176 | 231454 | 37.80 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 50192  | 35.74 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.59 | 188 | 410260 | 38.87 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.87 | 212 | 492440 | 38.91 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.84 | 264 | 549327 | 39.51 | ng/ul | 0.00 |

## Target Compounds

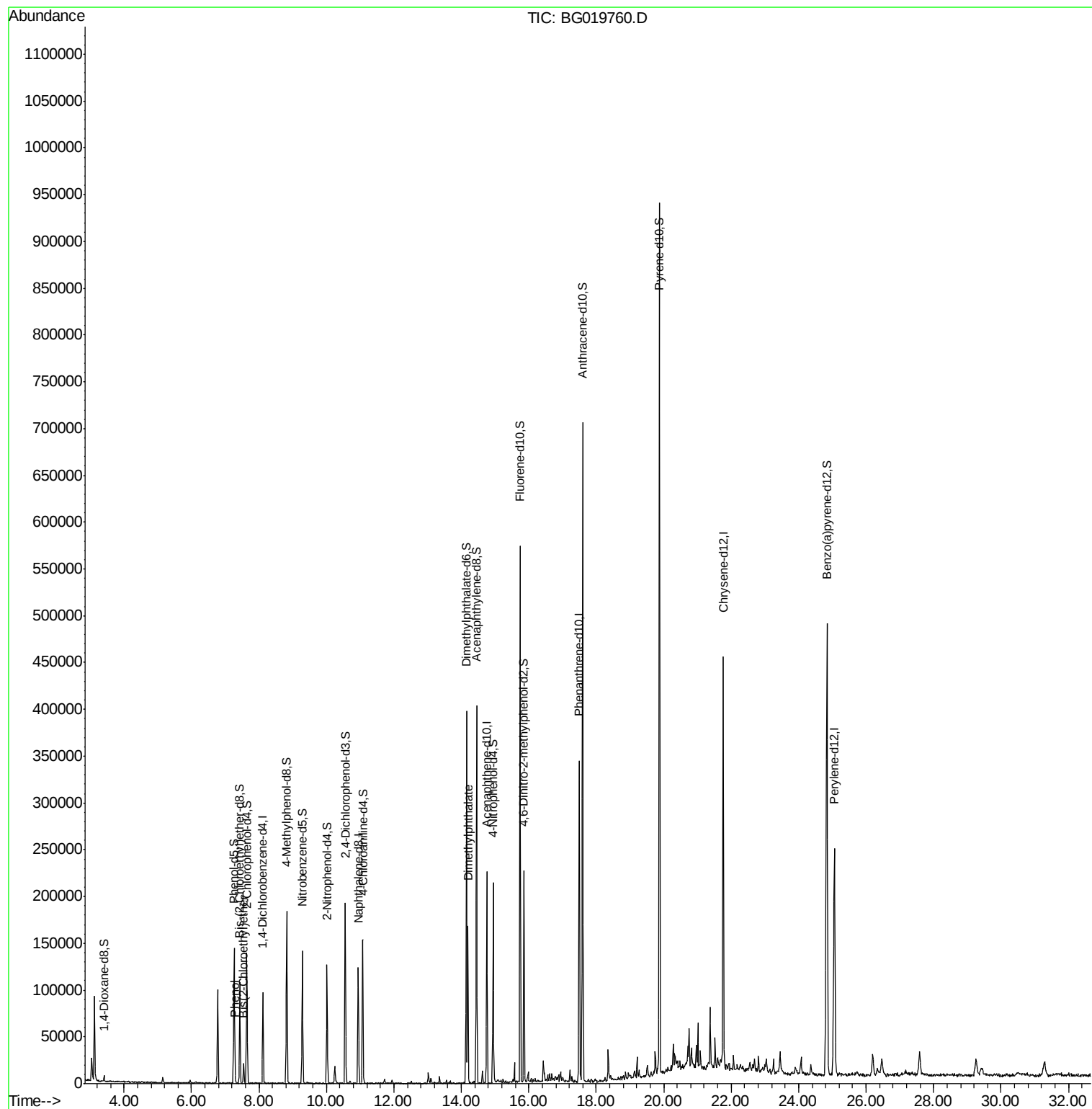
|                            |       |     |       |       |        | Qvalue |
|----------------------------|-------|-----|-------|-------|--------|--------|
| 6) Phenol                  | 7.29  | 94  | 4511  | 1.63  | ng/ul  | 89     |
| 8) Bis(2-Chloroethyl)ether | 7.54  | 93  | 9250  | 4.80  | ng/ul# | 26     |
| 45) Dimethylphthalate      | 14.20 | 163 | 99473 | 14.66 | ng/ul  | 98     |

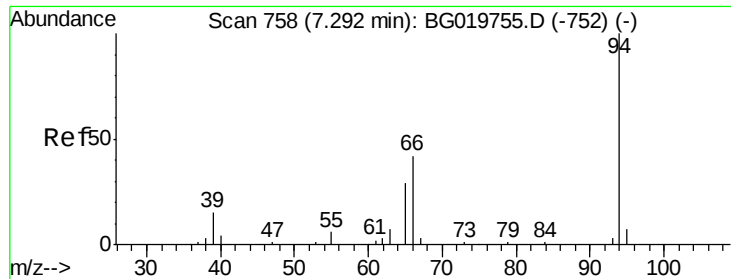
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.63 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG019760.D

Acq: 21 Nov 2015 18:51

Instrument :

BNA\_G

ClientSampled :

D9KM5

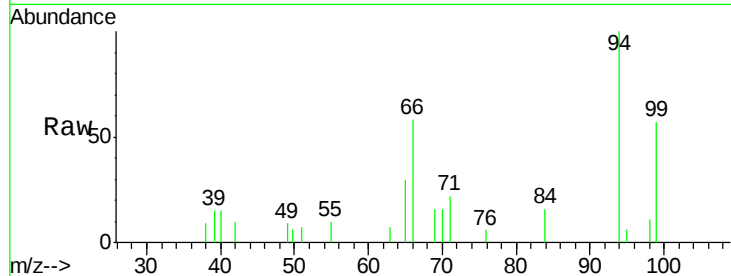
Tgt Ion: 94 Resp: 4511

Ion Ratio Lower Upper

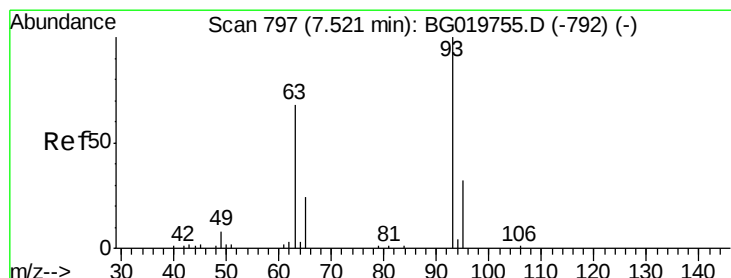
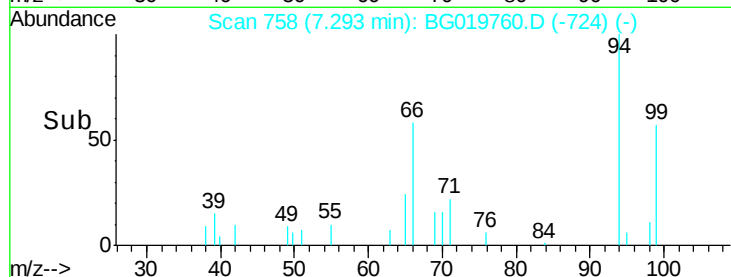
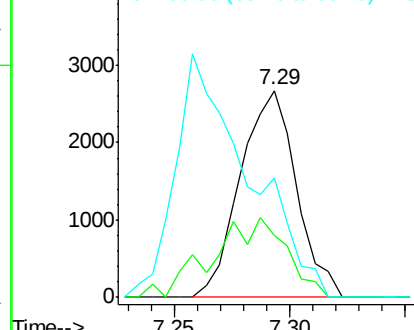
94 100

65 30.2 27.4 41.0

66 57.8 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



#8

Bis(2-Chloroethyl)ether

Concen: 4.80 ng/ul

RT: 7.54 min Scan# 800

Delta R.T. 0.02 min

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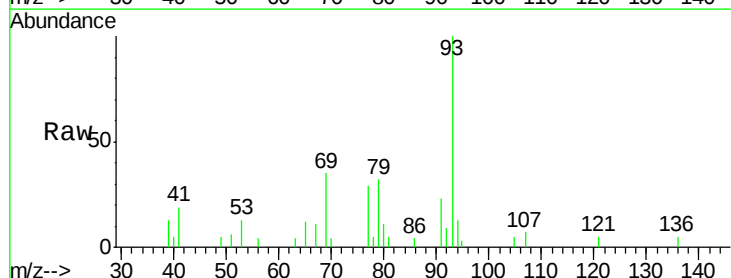
Tgt Ion: 93 Resp: 9250

Ion Ratio Lower Upper

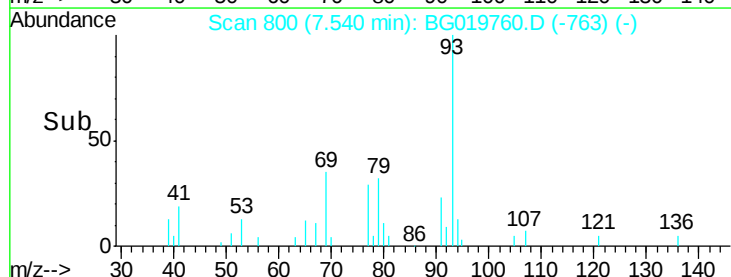
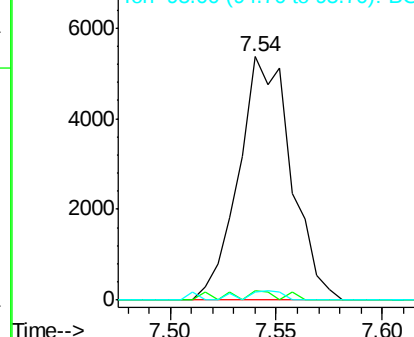
93 100

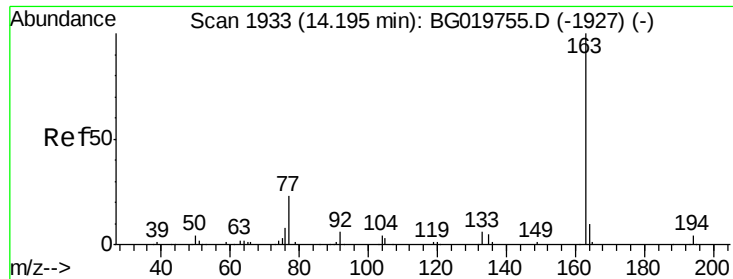
63 3.7 61.0 91.4#

95 3.1 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC





#45

Dimethylphthalate

Concen: 14.66 ng/ul

RT: 14.20 min Scan# 1933

Delta R.T. 0.00 min

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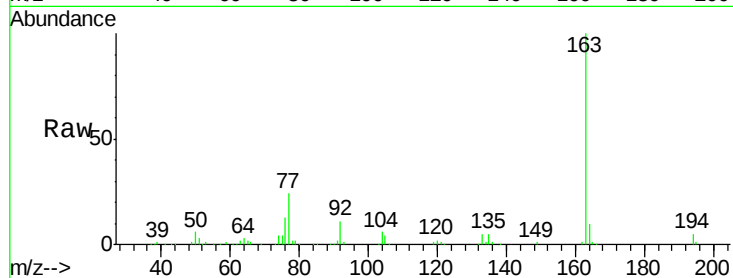
Tgt Ion:163 Resp: 99473

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 9.5 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

