

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111515\  
 Data File : BG019625.D  
 Acq On : 15 Nov 2015 21:55  
 Operator : UM/NP  
 Sample : G4309-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 16 03:15:00 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 16 03:12:59 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 27954    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.99 | 136  | 117570   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.79 | 164  | 92330    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.53 | 188  | 255255   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.80 | 240  | 333578   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.13 | 264  | 317149   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 4314   | 7.39  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.30  | 99  | 93295  | 36.36 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 64450  | 39.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.68  | 132 | 60140  | 37.54 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 73506  | 35.96 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.33  | 128 | 31814  | 36.82 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.06 | 143 | 36709  | 35.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.60 | 165 | 74359  | 33.42 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.12 | 131 | 87887  | 39.04 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.19 | 166 | 276201 | 36.28 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.49 | 160 | 300552 | 35.65 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.98 | 143 | 42965  | 35.53 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.77 | 176 | 248093 | 35.23 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 49601  | 30.02 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.63 | 188 | 436006 | 37.47 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.90 | 212 | 535321 | 36.67 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.90 | 264 | 605143 | 38.02 | ng/ul | 0.00 |

## Target Compounds

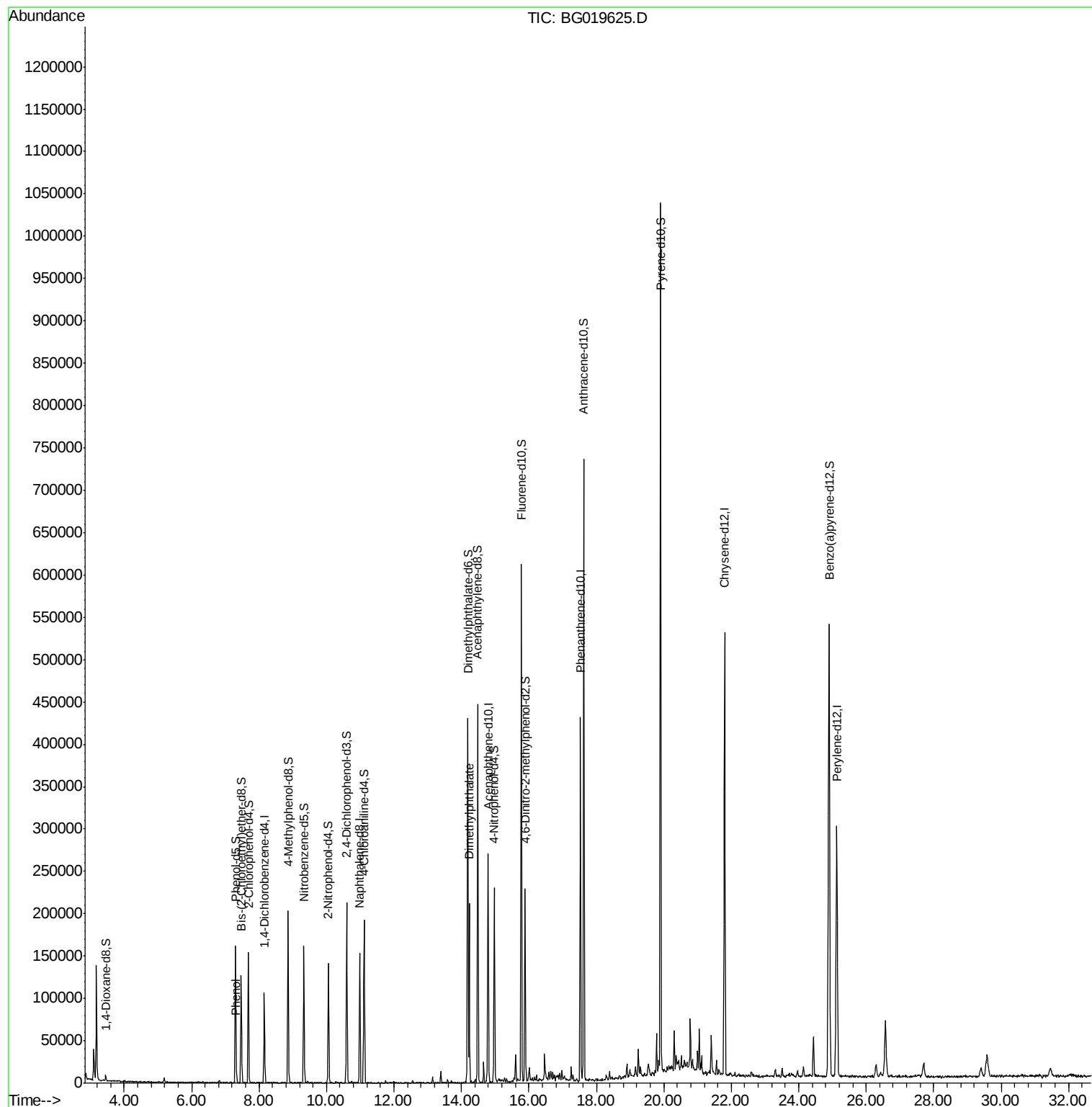
|                       |       |     |        |       | Ovalue |    |
|-----------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol             | 7.33  | 94  | 5696   | 2.08  | ng/ul  | 91 |
| 45) Dimethylphthalate | 14.23 | 163 | 120021 | 15.42 | ng/ul# | 98 |

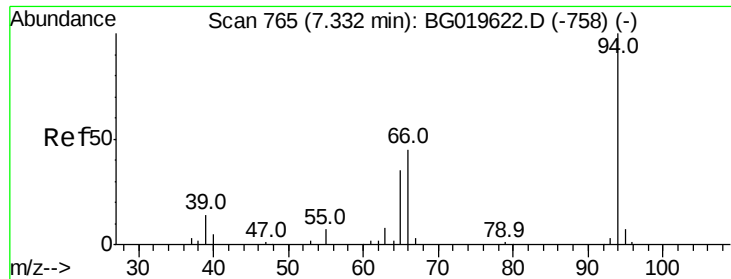
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.08 ng/ul

RT: 7.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG019625.D

Acq: 15 Nov 2015 21:55

Instrument :

BNA\_G

ClientSampled :

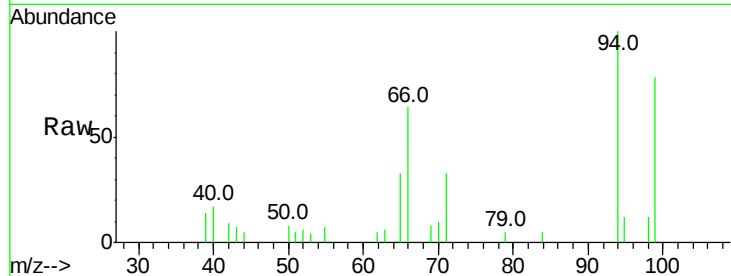
Tot Ion: 94 Resp: 5696

Ion Ratio Lower Upper

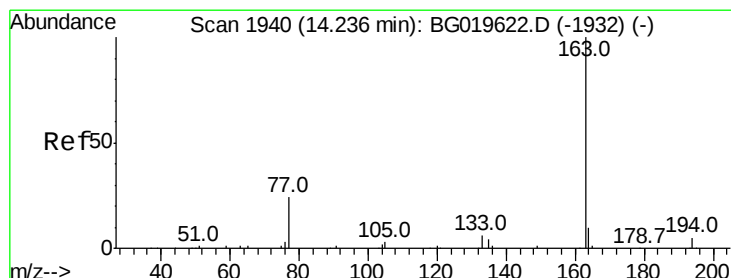
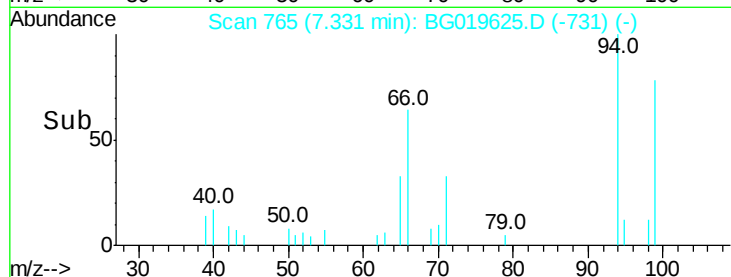
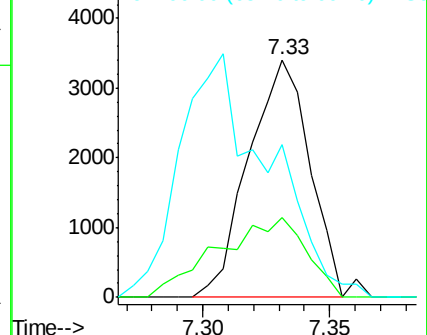
94 100

65 33.4 29.3 43.9

66 64.0 45.0 67.6



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: 15.42 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

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Acq: 15 Nov 2015 21:55

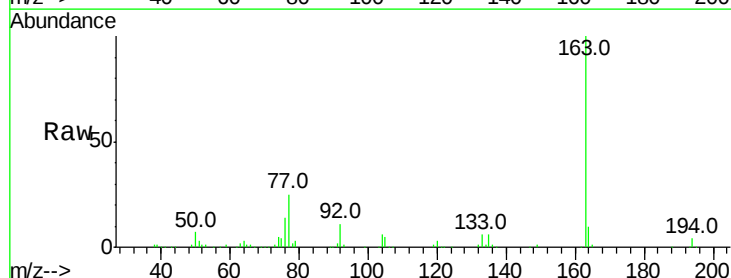
Tgt Ion:163 Resp: 120021

Ion Ratio Lower Upper

163 100

194 3.9 4.3 6.5#

164 9.8 7.5 11.3



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

