

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110817\  
 Data File : BG030866.D  
 Acq On : 9 Nov 2017 3:51  
 Operator : SJ/JU  
 Sample : I6245-13  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0F09

Quant Time: Nov 09 07:41:24 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 09 07:08:58 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 48124    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.96 | 136  | 227643   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 152109   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.51 | 188  | 362901   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.78 | 240  | 414144   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.09 | 264  | 426896   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.53  | 96  | 6540   | 5.52  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 129582 | 28.06 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 84807  | 29.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 116485 | 35.75 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.85  | 113 | 108774 | 29.16 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.31  | 128 | 61303  | 37.51 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.04 | 143 | 74712  | 44.62 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 133803 | 35.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.10 | 131 | 164542 | 37.12 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 437134 | 33.61 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 546193 | 34.54 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.98 | 143 | 61029  | 25.42 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.76 | 176 | 401230 | 37.67 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 48439  | 27.34 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.61 | 188 | 637325 | 37.13 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.88 | 212 | 734636 | 34.27 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.87 | 264 | 794306 | 39.29 | ng/ul | 0.00 |

## Target Compounds

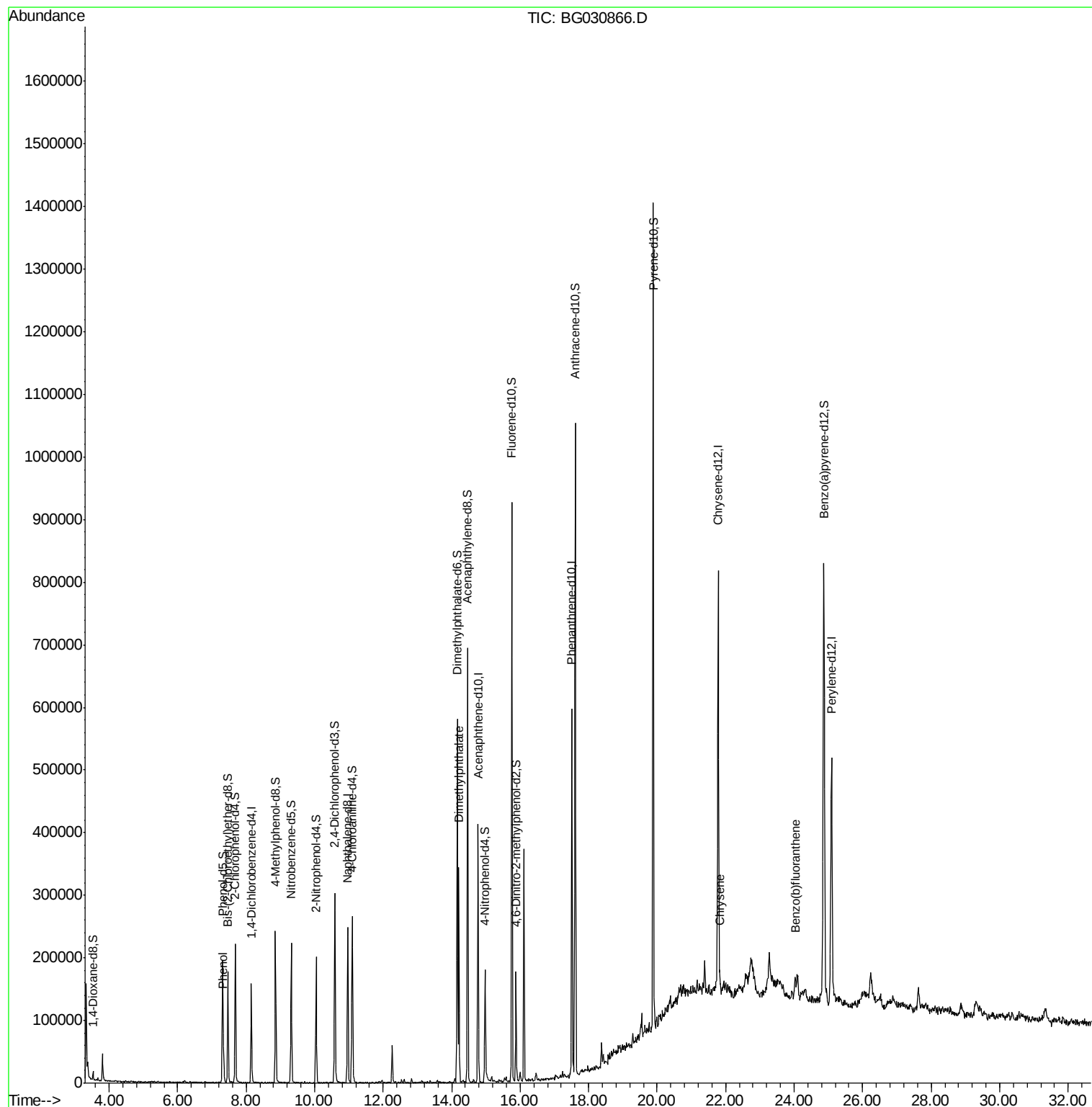
|                          |       |     |        |       |        | Ovalue |
|--------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol                | 7.34  | 94  | 21872  | 4.58  | ng/ul  | 95     |
| 44) Dimethylphthalate    | 14.21 | 163 | 255553 | 20.15 | ng/ul  | 98     |
| 82) Chrysene             | 21.83 | 228 | 25160  | 1.07  | ng/ul# | 93     |
| 85) Benzo(b)fluoranthene | 24.04 | 252 | 35459  | 1.38  | ng/ul# | 87     |

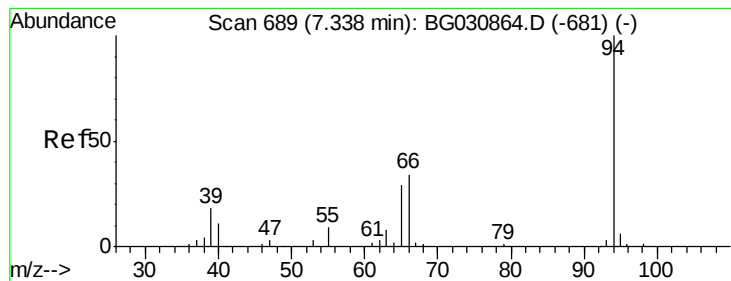
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.58 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

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Acq: 9 Nov 2017 3:51

Instrument :

BNA\_G

ClientSampleId :

B0F09

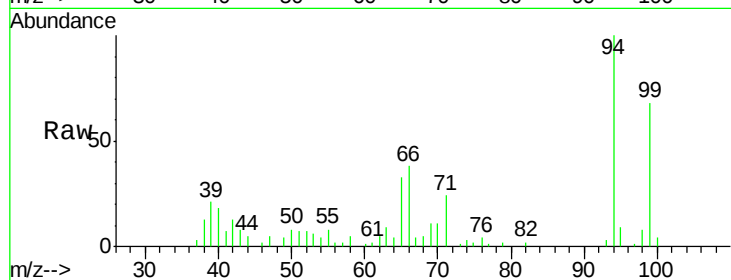
Tot Ion: 94 Resp: 21872

Ion Ratio Lower Upper

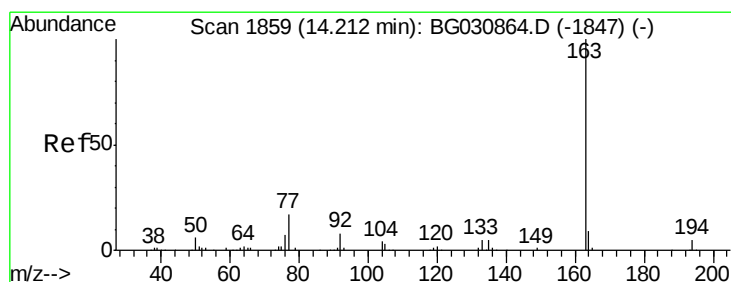
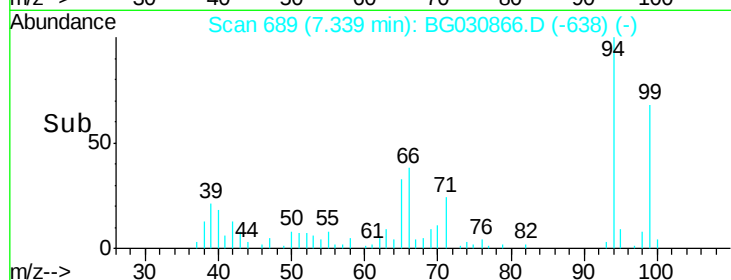
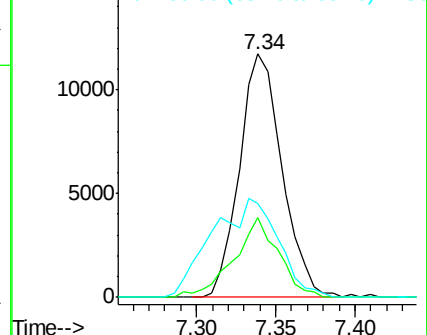
94 100

65 32.7 27.1 40.7

66 38.3 34.6 52.0



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



#44

Dimethylphthalate

Concen: 20.15 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG030866.D

Acq: 9 Nov 2017 3:51

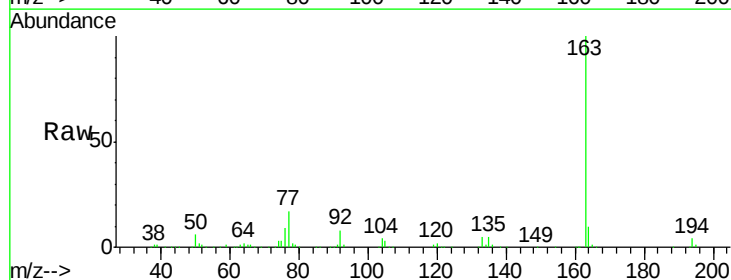
Tgt Ion:163 Resp: 255553

Ion Ratio Lower Upper

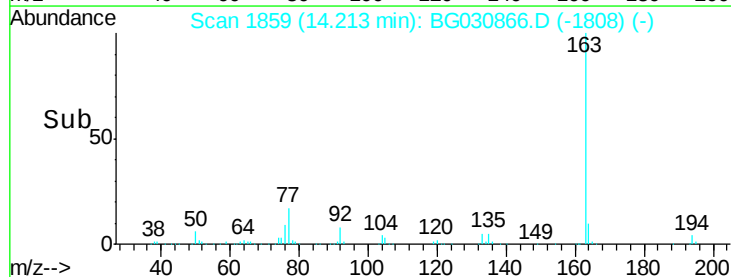
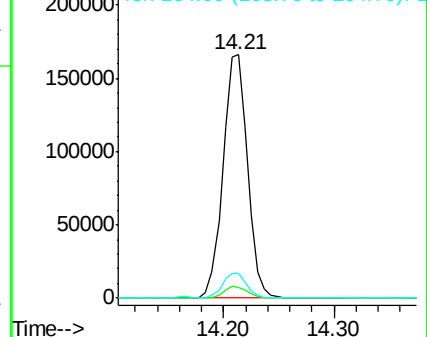
163 100

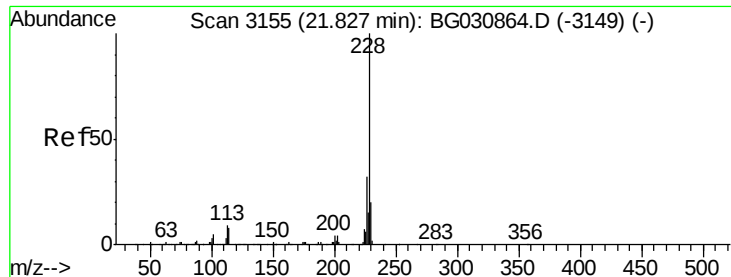
194 4.2 3.5 5.3

164 10.3 7.6 11.4



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





#82

Chrysene

Concen: 1.07 ng/ul

RT: 21.83 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG030866.D

Acq: 9 Nov 2017 3:51

Instrument :

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ClientSampleId :

B0F09

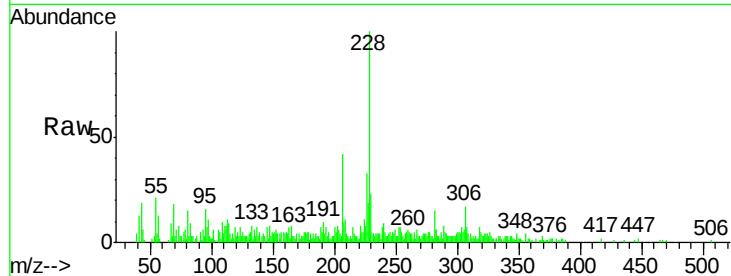
Tot Ion:228 Resp: 25160

Ion Ratio Lower Upper

228 100

226 33.3 24.2 36.2

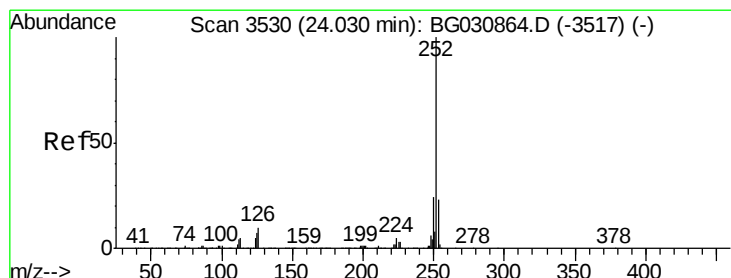
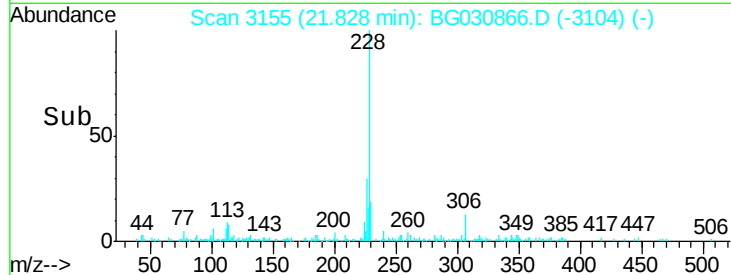
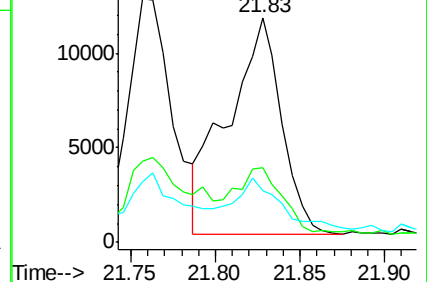
229 23.1 15.2 22.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 1.38 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG030866.D

Acq: 9 Nov 2017 3:51

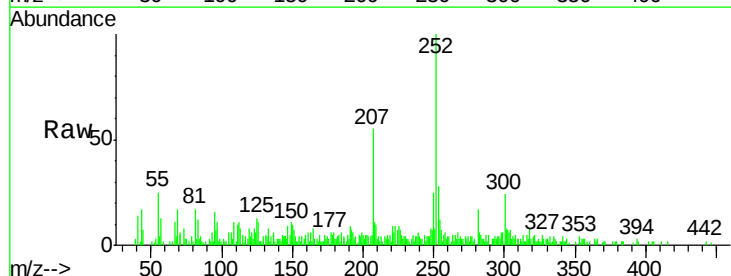
Tgt Ion:252 Resp: 35459

Ion Ratio Lower Upper

252 100

253 28.1 17.0 25.4#

125 12.8 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

