

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG011316\  
 Data File : BG020713.D  
 Acq On : 13 Jan 2016 22:59  
 Operator : SJ/IZ  
 Sample : H1096-18  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BC9C4

Quant Time: Jan 14 10:18:21 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 13 07:56:00 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 17823    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.86 | 136  | 78991    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.68 | 164  | 57632    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.43 | 188  | 147868   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.70 | 240  | 174479   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.94 | 264  | 164027   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96   | 2404     | 6.59  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.20  | 99   | 56474    | 36.98 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.36  | 67   | 35538    | 38.69 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.57  | 132  | 45614    | 38.07 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.75  | 113  | 49581    | 38.49 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.21  | 128  | 24579    | 39.44 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.94  | 143  | 30057    | 41.51 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.48 | 165  | 52313    | 37.95 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.00 | 131  | 68998    | 50.57 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 14.08 | 166  | 203168   | 40.40 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.37 | 160  | 231708   | 41.03 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.89 | 143  | 27127    | 40.17 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.67 | 176  | 183706   | 40.97 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 200  | 32885    | 40.89 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.53 | 188  | 296640   | 40.93 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.81 | 212  | 362027   | 43.61 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.73 | 264  | 384425   | 43.97 | ng/ul | 0.00     |

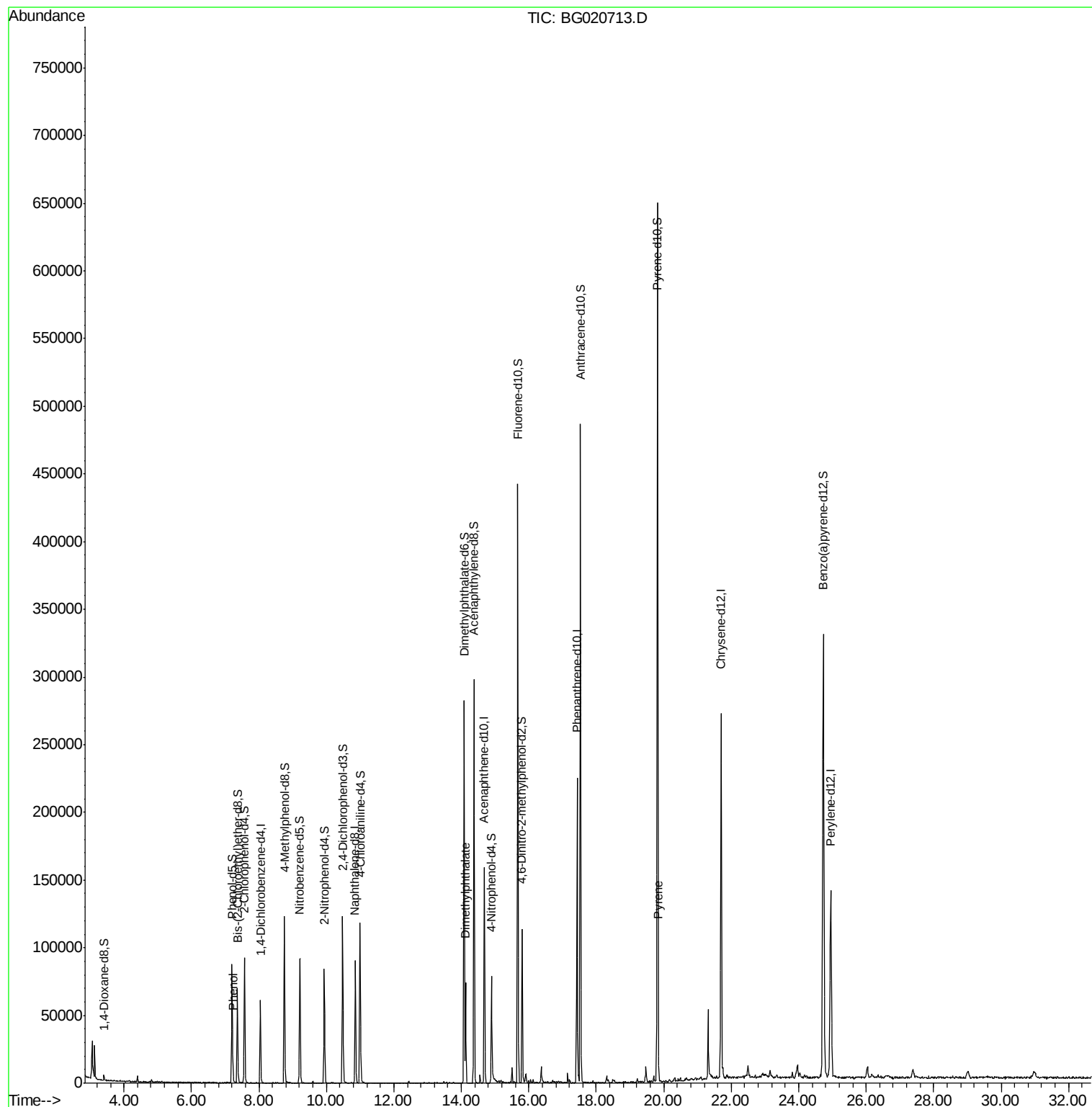
| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 6) Phenol             | 7.23  | 94   | 1729     | 1.05 | ng/ul# | 66     |
| 45) Dimethylphthalate | 14.13 | 163  | 48739    | 9.02 | ng/ul  | 99     |
| 80) Pyrene            | 19.84 | 202  | 11433    | 1.03 | ng/ul# | 97     |

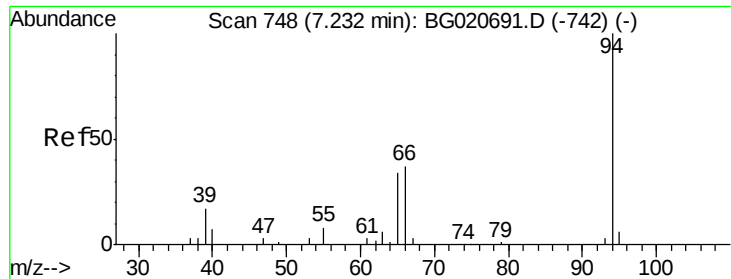
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.05 ng/ul

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

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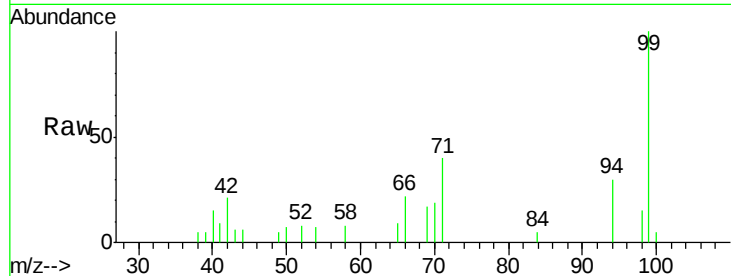
Tgt Ion: 94 Resp: 1729

Ion Ratio Lower Upper

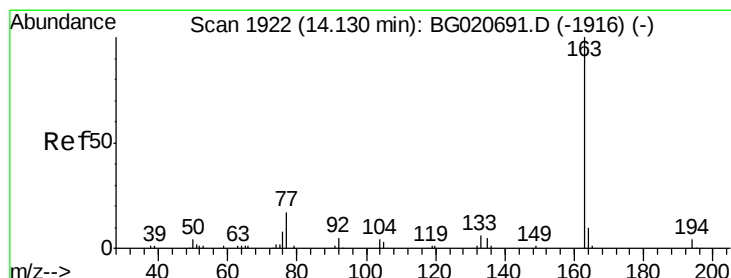
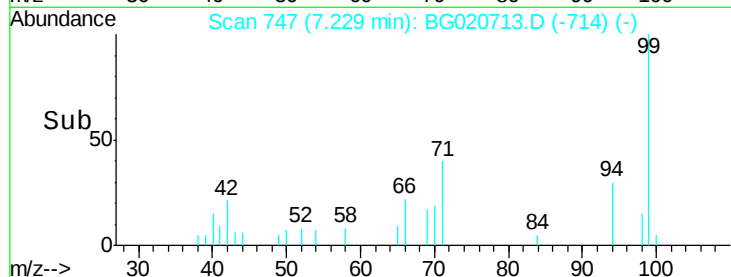
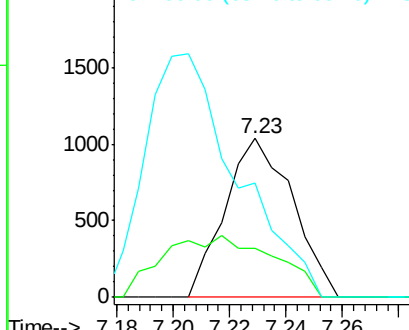
94 100

65 30.5 23.0 34.6

66 72.2 30.4 45.6#



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: 9.02 ng/ul

RT: 14.13 min Scan# 1921

Delta R.T. -0.00 min

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Acq: 13 Jan 2016 22:59

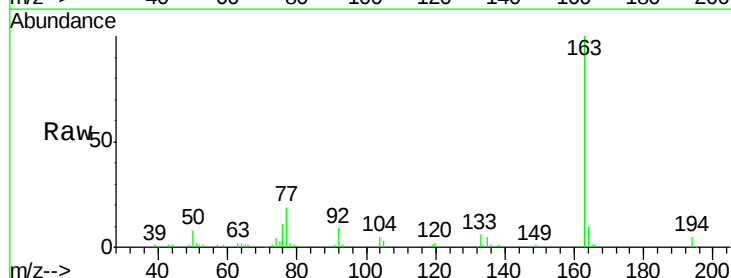
Tgt Ion:163 Resp: 48739

Ion Ratio Lower Upper

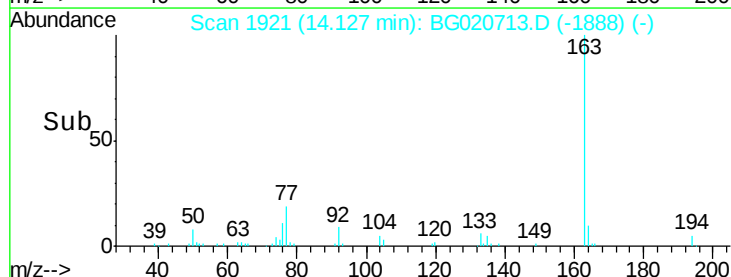
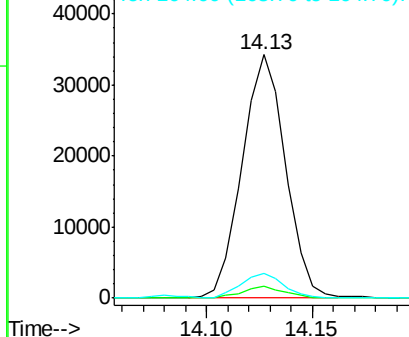
163 100

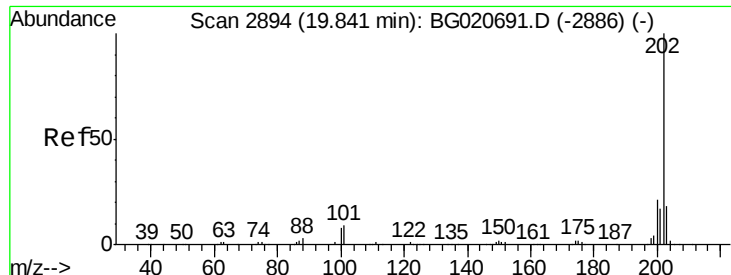
194 5.0 4.0 6.0

164 10.2 8.4 12.6



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





#80

Pyrene

Concen: 1.03 ng/ul

RT: 19.84 min Scan# 2893

Delta R.T. -0.00 min

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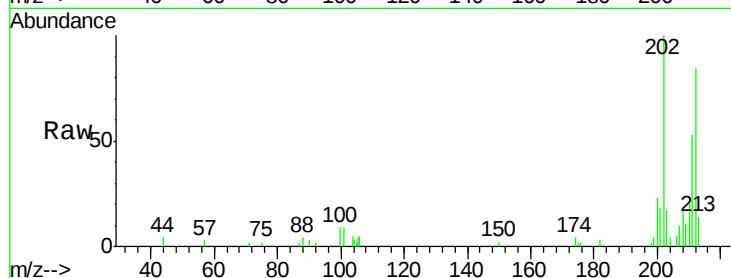
Acq: 13 Jan 2016 22:59

Instrument :

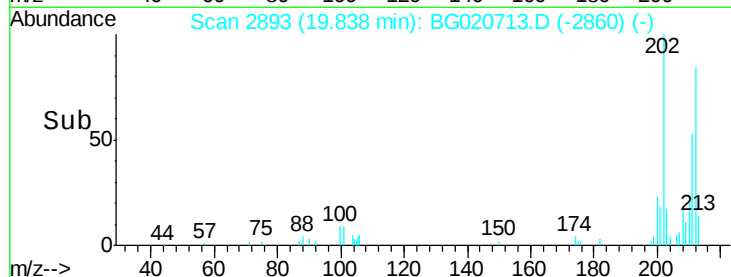
BNA\_G

ClientSampleId :

BC9C4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 11433 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 8.5   | 6.9   | 10.3  |
| 100      | 9.5   | 5.6   | 8.4#  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

