

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052217\  
 Data File : BG027055.D  
 Acq On : 22 May 2017 12:59  
 Operator : SJ/MA  
 Sample : I3211-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EME-BF003-01

Quant Time: May 22 14:17:53 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 22 13:35:42 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 183605   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.81 | 136  | 871334   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.62 | 164  | 443566   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.35 | 188  | 827993   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.61 | 240  | 748627   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.78 | 264  | 727233   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.43  | 96  | 37698   | 9.25  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.19  | 99  | 537025  | 32.77 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67  | 316479  | 32.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 440183  | 31.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.73  | 113 | 440671  | 32.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 227597  | 31.25 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 254959  | 32.19 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 385166  | 30.60 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 487988  | 28.96 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 1146199 | 32.10 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.32 | 160 | 1476691 | 32.93 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.85 | 143 | 171061  | 26.58 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.61 | 176 | 946696  | 30.38 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.74 | 200 | 117142  | 23.30 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.45 | 188 | 1330201 | 33.10 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.74 | 212 | 1280226 | 32.40 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.56 | 264 | 1124711 | 32.71 | ng/ul | 0.00 |

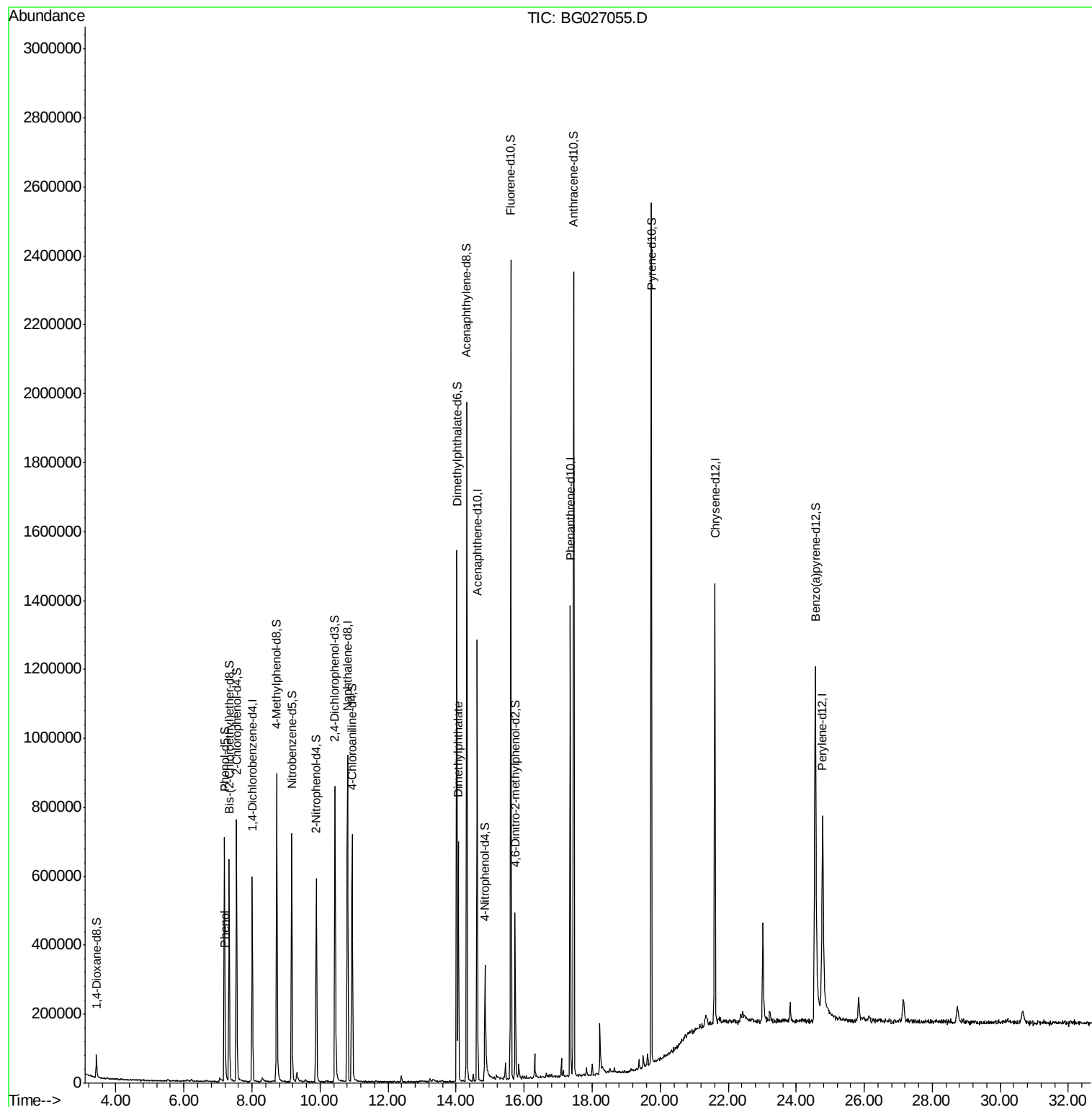
| Target Compounds      |       |     |        |       |        | Qvalue |
|-----------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol             | 7.21  | 94  | 22753  | 1.37  | ng/ul# | 84     |
| 44) Dimethylphthalate | 14.07 | 163 | 472911 | 13.53 | ng/ul  | 97     |

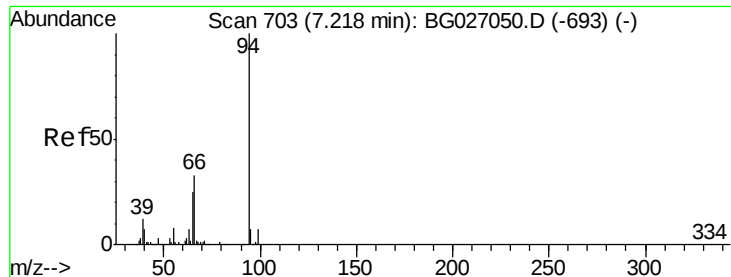
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.37 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

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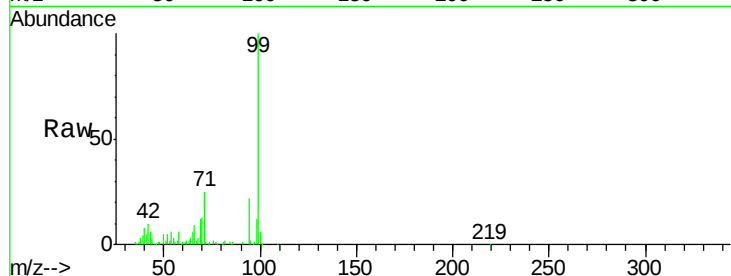
Tgt Ion: 94 Resp: 22753

Ion Ratio Lower Upper

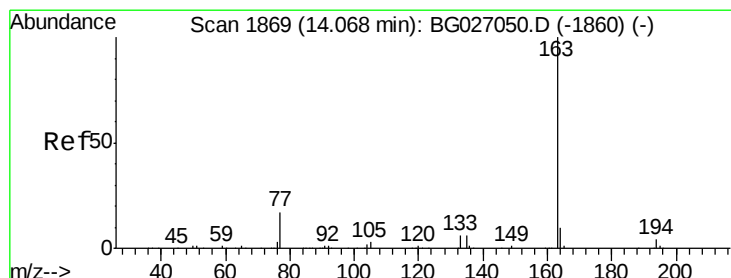
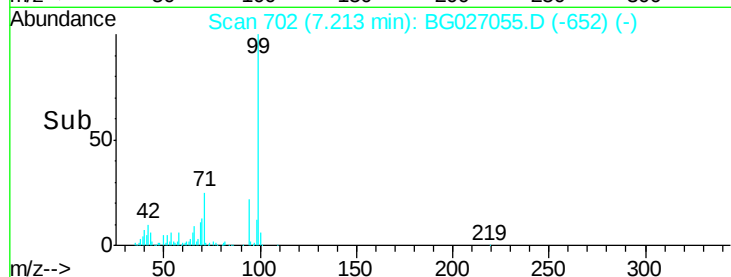
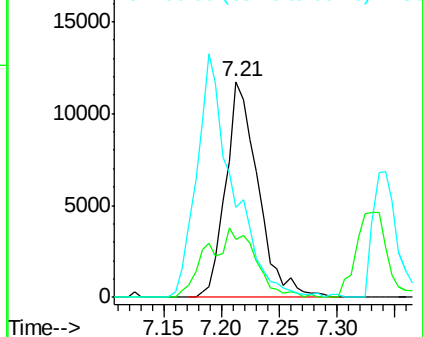
94 100

65 26.7 26.8 40.2#

66 41.9 44.4 66.6#



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



#44

Dimethylphthalate

Concen: 13.53 ng/ul

RT: 14.07 min Scan# 1869

Delta R.T. 0.00 min

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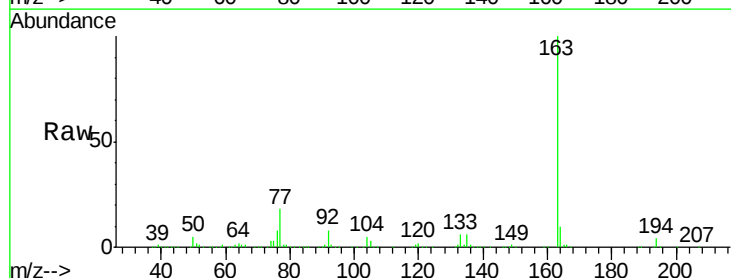
Tgt Ion: 163 Resp: 472911

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 9.6 9.0 13.4



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

