

Data File : BG026755.D  
Acq On : 28 Apr 2017 20:21  
Operator : SJ/MA  
Sample : I2816-11  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHT37

Quant Time: Apr 29 00:40:24 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Apr 29 00:39:01 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 141502   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.81 | 136  | 712275   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.62 | 164  | 424663   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.35 | 188  | 822194   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.60 | 240  | 737484   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.76 | 264  | 769993   | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| System Monitoring Compounds    |       |     |         |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.43  | 96  | 19093   | 6.08  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.19  | 99  | 476620  | 37.74 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.45  | 67  | 902     | 0.12  | ng/ul | 0.12 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 377956  | 35.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 413926  | 39.49 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 209238  | 35.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 237612  | 36.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 373958  | 36.35 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 604514  | 43.89 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 1256171 | 36.75 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.32 | 160 | 1581996 | 36.85 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.84 | 143 | 209582  | 34.02 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.61 | 176 | 1093491 | 36.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 166982  | 33.45 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.45 | 188 | 1521154 | 38.12 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.73 | 212 | 1470994 | 37.79 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.55 | 264 | 1434492 | 39.40 | ng/ul | 0.00 |

|                       |       |     |        |        |        |    |
|-----------------------|-------|-----|--------|--------|--------|----|
| Target Compounds      |       |     |        | Qvalue |        |    |
| 6) Phenol             | 7.22  | 94  | 14223  | 1.11   | ng/ul# | 85 |
| 44) Dimethylphthalate | 14.07 | 163 | 212000 | 6.34   | ng/ul  | 98 |

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

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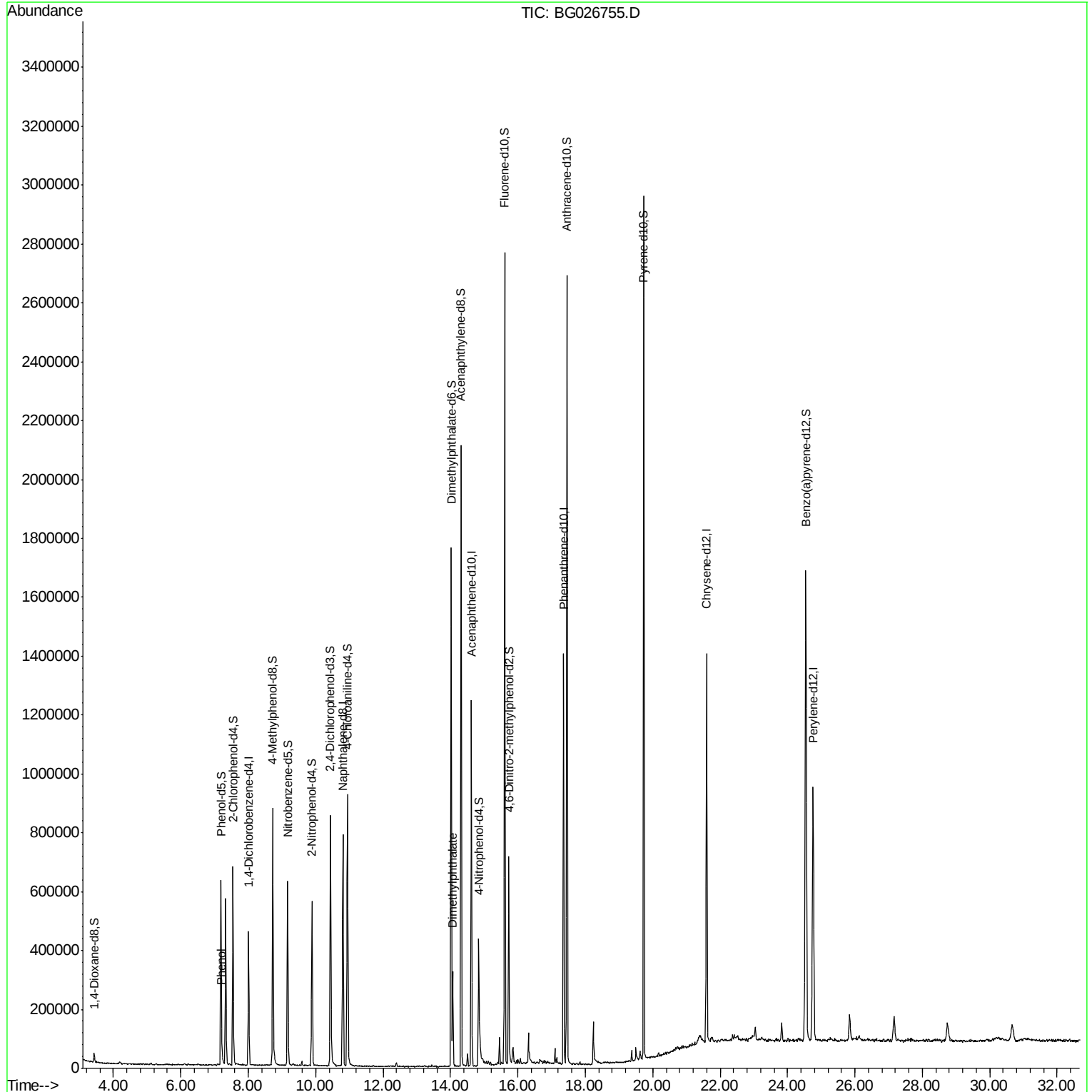
Quant Time: Apr 29 00:40:24 2017

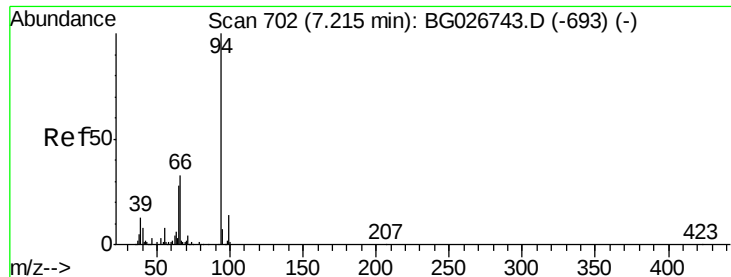
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

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#6

Phenol

Concen: 1.11 ng/ul

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

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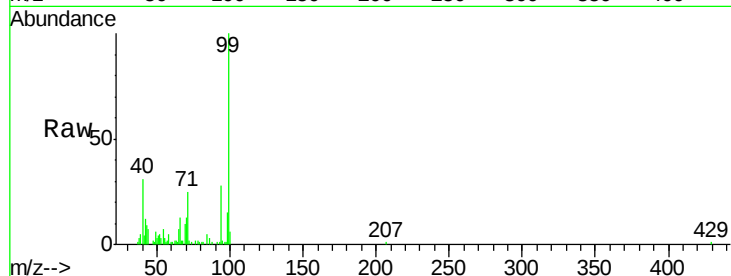
Tgt Ion: 94 Resp: 14223

Ion Ratio Lower Upper

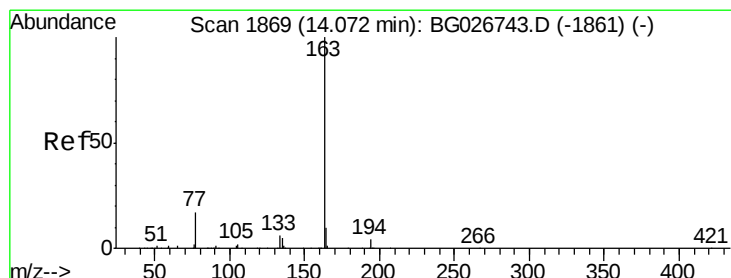
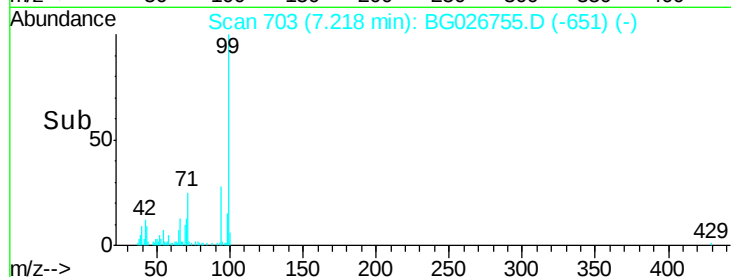
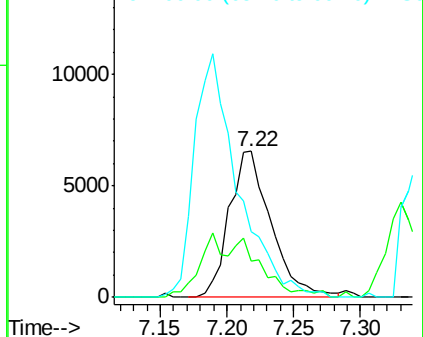
94 100

65 24.4 26.8 40.2#

66 44.6 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: 6.34 ng/ul

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

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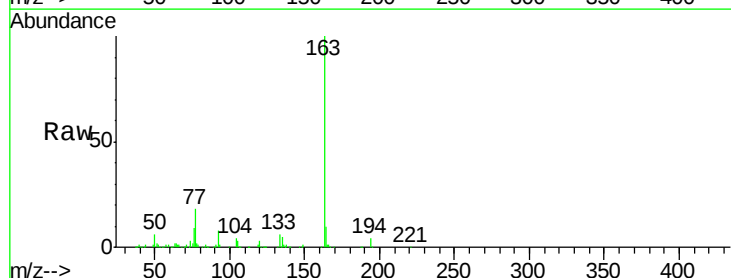
Tgt Ion: 163 Resp: 212000

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.4 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

