

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\  
 Data File : BG028268.D  
 Acq On : 10 Aug 2017 21:21  
 Operator : SJ/JU  
 Sample : I4529-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AA6

Quant Time: Aug 11 01:12:54 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 11 01:09:14 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 45399    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.18 | 136  | 201249   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 142431   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.71 | 188  | 368522   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.04 | 240  | 412150   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.53 | 264  | 405376   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.84  | 96  | 3032   | 3.11  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.50  | 99  | 67587  | 13.55 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 49656  | 15.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.88  | 132 | 49847  | 15.85 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 60047  | 14.41 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.52  | 128 | 26730  | 16.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.25 | 143 | 29939  | 17.35 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165 | 57430  | 16.09 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.30 | 131 | 68417  | 17.22 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 224680 | 17.74 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.65 | 160 | 244689 | 17.13 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.15 | 143 | 16979  | 8.43  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.95 | 176 | 191706 | 16.87 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 24876  | 10.39 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.80 | 188 | 343404 | 19.43 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.08 | 212 | 405529 | 19.19 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.29 | 264 | 377516 | 19.89 | ng/ul | 0.00 |

## Target Compounds

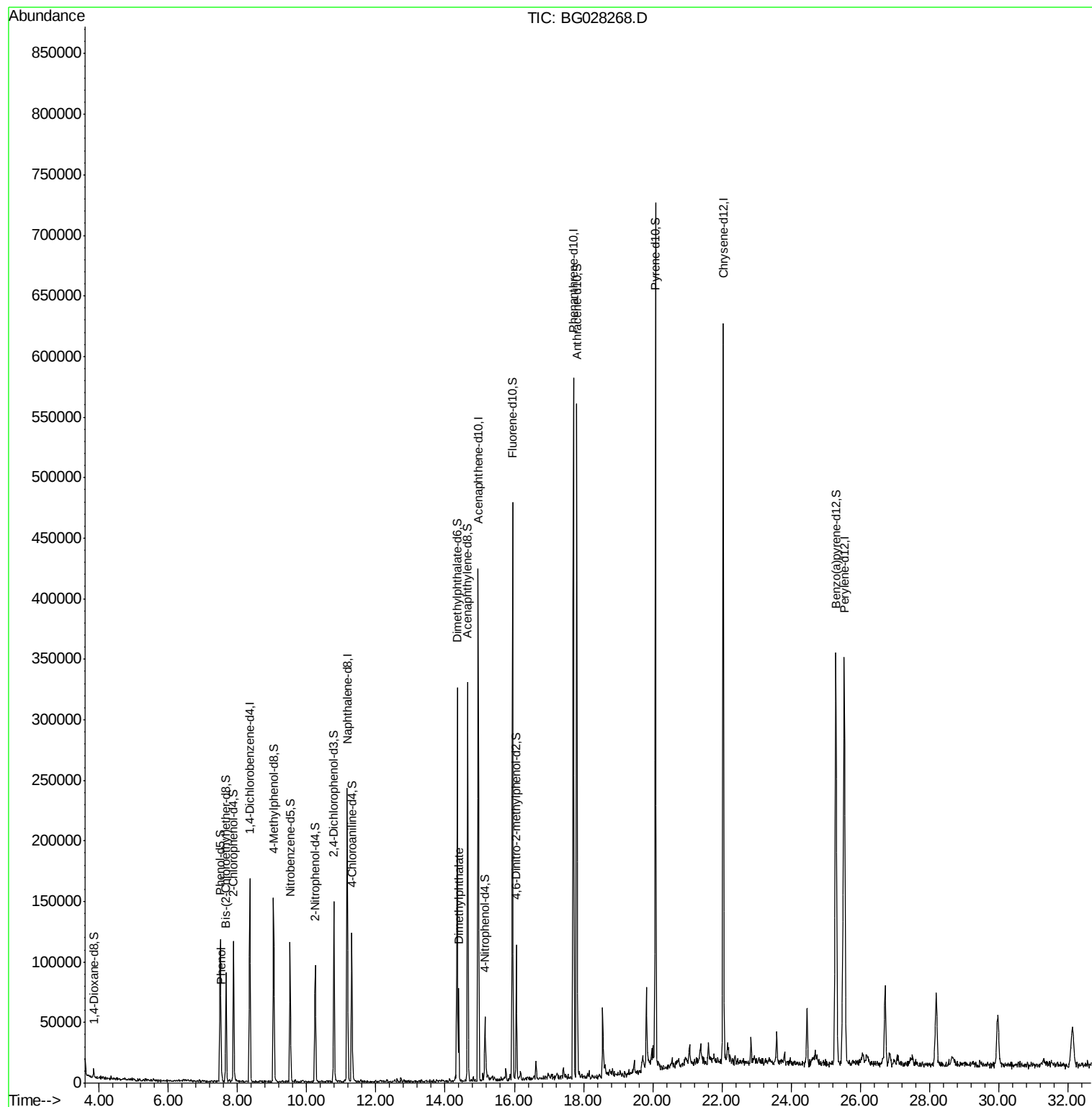
|                       |       |     |       |       | Ovalue   |
|-----------------------|-------|-----|-------|-------|----------|
| 6) Phenol             | 7.53  | 94  | 8244  | 1.664 | ng/ul 93 |
| 44) Dimethylphthalate | 14.40 | 163 | 49331 | 4.229 | ng/ul 98 |

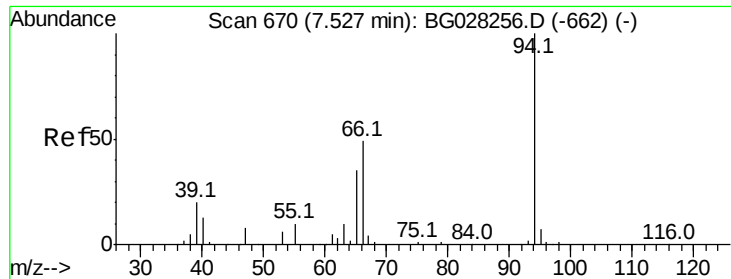
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.664 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. -0.00 min

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Instrument :

BNA\_G

ClientSampleId :

C0AA6

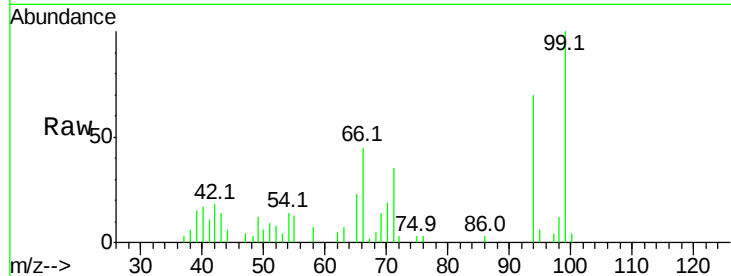
Tot Ion: 94 Resp: 8244

Ion Ratio Lower Upper

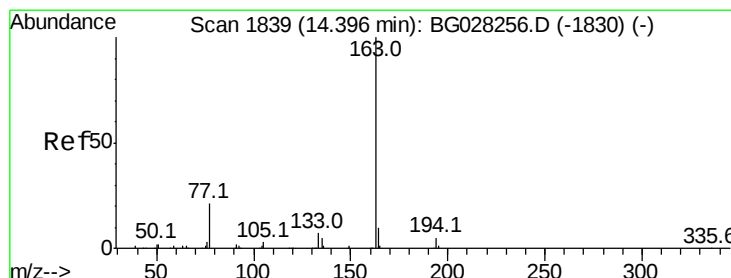
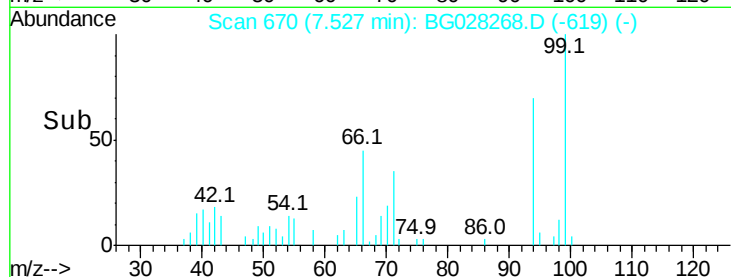
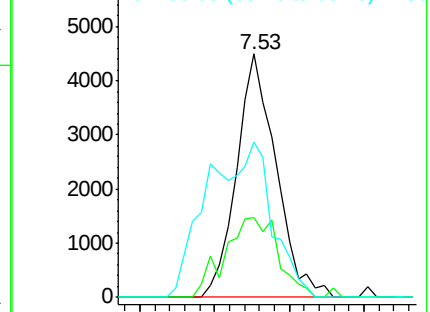
94 100

65 32.9 26.8 40.2

66 63.7 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: 4.229 ng/ul

RT: 14.40 min Scan# 1839

Delta R.T. -0.00 min

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Acq: 10 Aug 2017 21:21

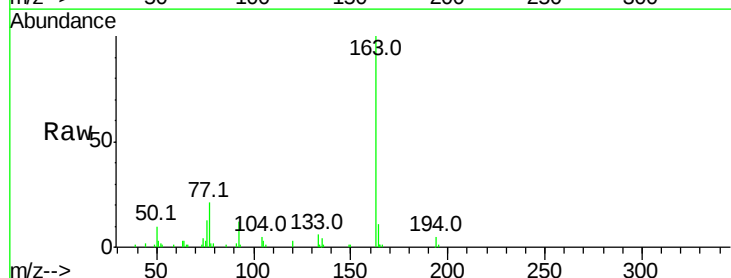
Tgt Ion:163 Resp: 49331

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

164 10.6 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

