

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\  
 Data File : BG028128.D  
 Acq On : 3 Aug 2017 3:54  
 Operator : SJ/JU  
 Sample : I4373-06  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AA3

Quant Time: Aug 03 05:24:29 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 03 02:34:14 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 38066    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.18 | 136  | 185069   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.97 | 164  | 142535   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.72 | 188  | 348317   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.05 | 240  | 345688   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.57 | 264  | 334996   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.85  | 96  | 2329   | 2.85  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 79663  | 19.05 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 51939  | 19.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.90  | 132 | 54879  | 20.81 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 59872  | 17.14 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.53  | 128 | 30865  | 21.33 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.26 | 143 | 36650  | 23.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165 | 70795  | 21.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.32 | 131 | 71261  | 19.50 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.36 | 166 | 277317 | 21.87 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.67 | 160 | 309928 | 21.68 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.16 | 143 | 38090  | 18.90 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.96 | 176 | 246537 | 21.68 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 49939  | 22.07 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.82 | 188 | 389545 | 23.32 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.09 | 212 | 453876 | 25.60 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.32 | 264 | 399409 | 25.47 | ng/ul | 0.00 |

## Target Compounds

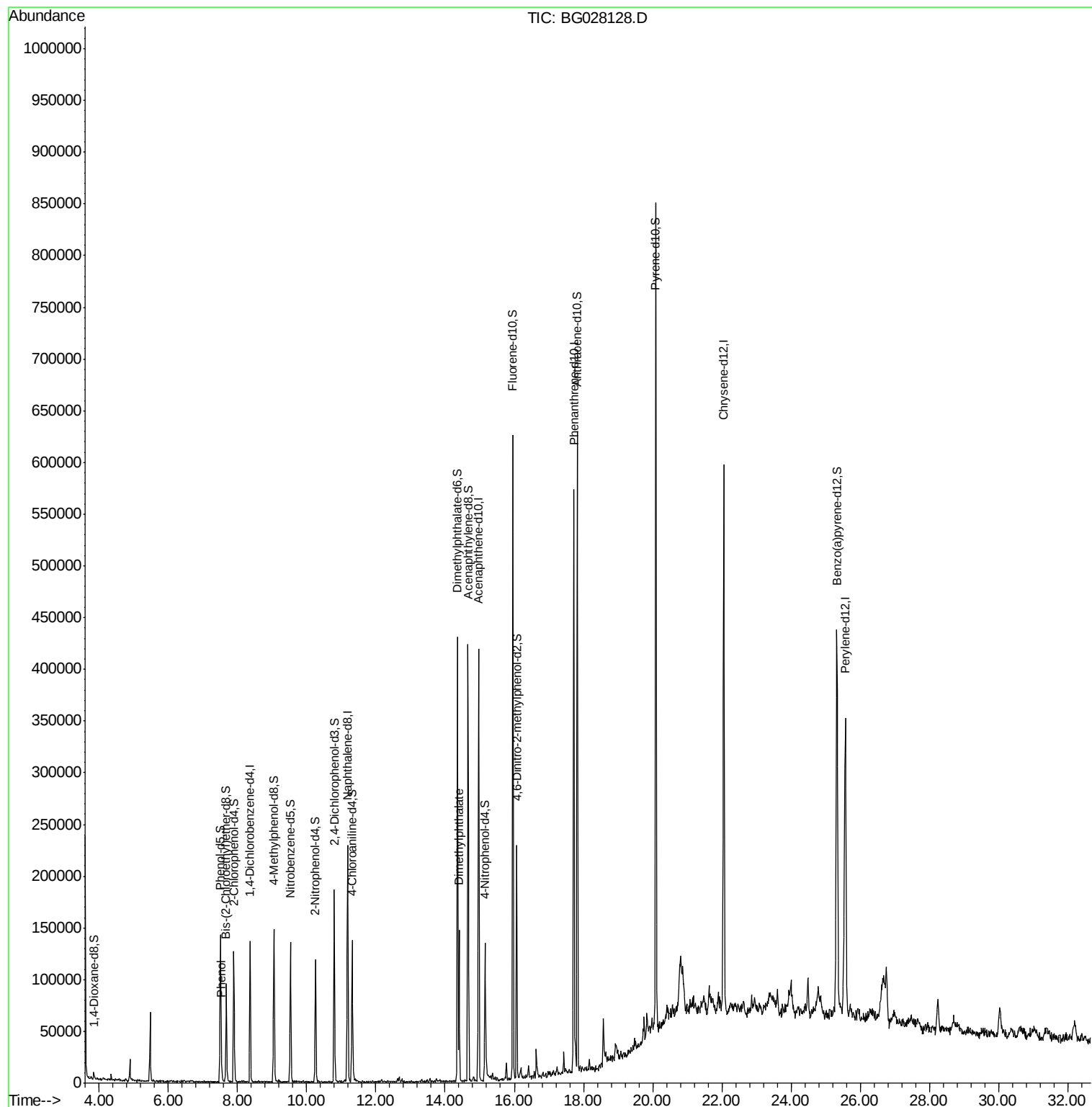
|                       |       |     |       | Ovalue |          |
|-----------------------|-------|-----|-------|--------|----------|
| 6) Phenol             | 7.54  | 94  | 8916  | 2.146  | ng/ul 90 |
| 44) Dimethylphthalate | 14.41 | 163 | 89730 | 7.687  | ng/ul 98 |

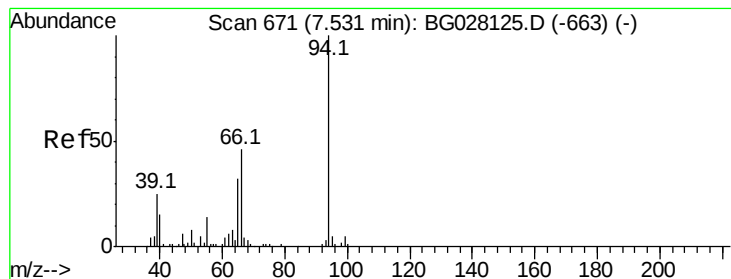
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.146 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG028128.D

Acq: 3 Aug 2017 3:54

Instrument :

BNA\_G

ClientSampleId :

C0AA3

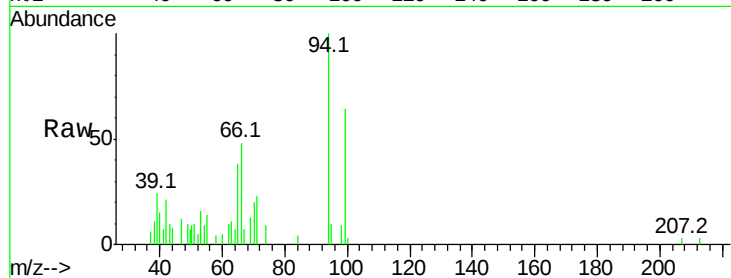
Tot Ion: 94 Resp: 8916

Ion Ratio Lower Upper

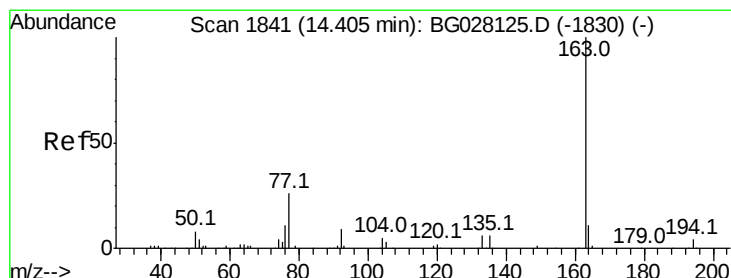
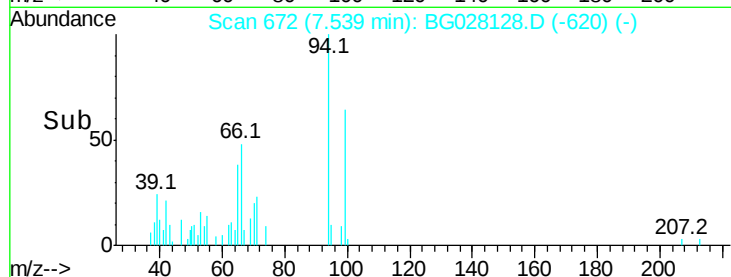
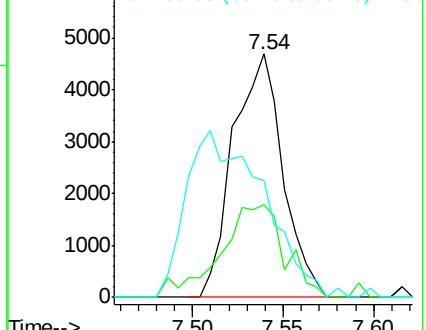
94 100

65 38.2 26.8 40.2

66 47.9 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: 7.687 ng/ul

RT: 14.41 min Scan# 1841

Delta R.T. 0.00 min

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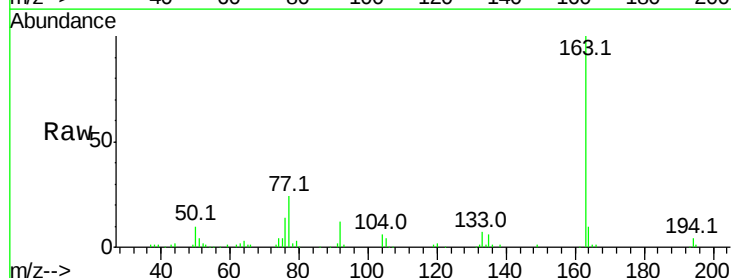
Tgt Ion:163 Resp: 89730

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.5 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

