

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\  
 Data File : BG027968.D  
 Acq On : 19 Jul 2017 18:55  
 Operator : SJ/JU  
 Sample : I4213-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B29

Quant Time: Jul 20 05:26:59 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 20 02:43:07 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.37  | 152  | 49653    | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 11.19 | 136  | 212170   | 20.00 | ng/ul | -0.01    |
| 35) Acenaphthene-d10      | 14.98 | 164  | 148945   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.72 | 188  | 377231   | 20.00 | ng/ul | -0.01    |
| 75) Chrysene-d12          | 22.06 | 240  | 463876   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.57 | 264  | 440141   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.86  | 96   | 5411     | 6.01  | ng/uL | -0.01    |
| 5) Phenol-d5                   | 7.51  | 99   | 114479   | 28.05 | ng/ul | -0.01    |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.68  | 67   | 67946    | 28.88 | ng/ul | -0.02    |
| 9) 2-Chlorophenol-d4           | 7.90  | 132  | 95844    | 29.90 | ng/ul | -0.02    |
| 13) 4-Methylphenol-d8          | 9.06  | 113  | 101318   | 30.00 | ng/ul | -0.02    |
| 19) Nitrobenzene-d5            | 9.54  | 128  | 46670    | 29.89 | ng/ul | -0.01    |
| 22) 2-Nitrophenol-d4           | 10.26 | 143  | 58288    | 31.04 | ng/ul | -0.01    |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165  | 109525   | 29.80 | ng/ul | -0.01    |
| 29) 4-Chloroaniline-d4         | 11.32 | 131  | 127615   | 38.41 | ng/ul | -0.01    |
| 43) Dimethylphthalate-d6       | 14.36 | 166  | 465701   | 36.07 | ng/ul | -0.01    |
| 46) Acenaphthylene-d8          | 14.67 | 160  | 480621   | 32.75 | ng/ul | -0.01    |
| 51) 4-Nitrophenol-d4           | 15.16 | 143  | 40626    | 21.73 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.96 | 176  | 404348   | 33.22 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200  | 53939    | 20.59 | ng/ul | -0.01    |
| 70) Anthracene-d10             | 17.82 | 188  | 650201   | 35.74 | ng/ul | -0.01    |
| 76) Pyrene-d10                 | 20.09 | 212  | 813024   | 39.01 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.33 | 264  | 773549   | 37.63 | ng/ul | -0.01    |

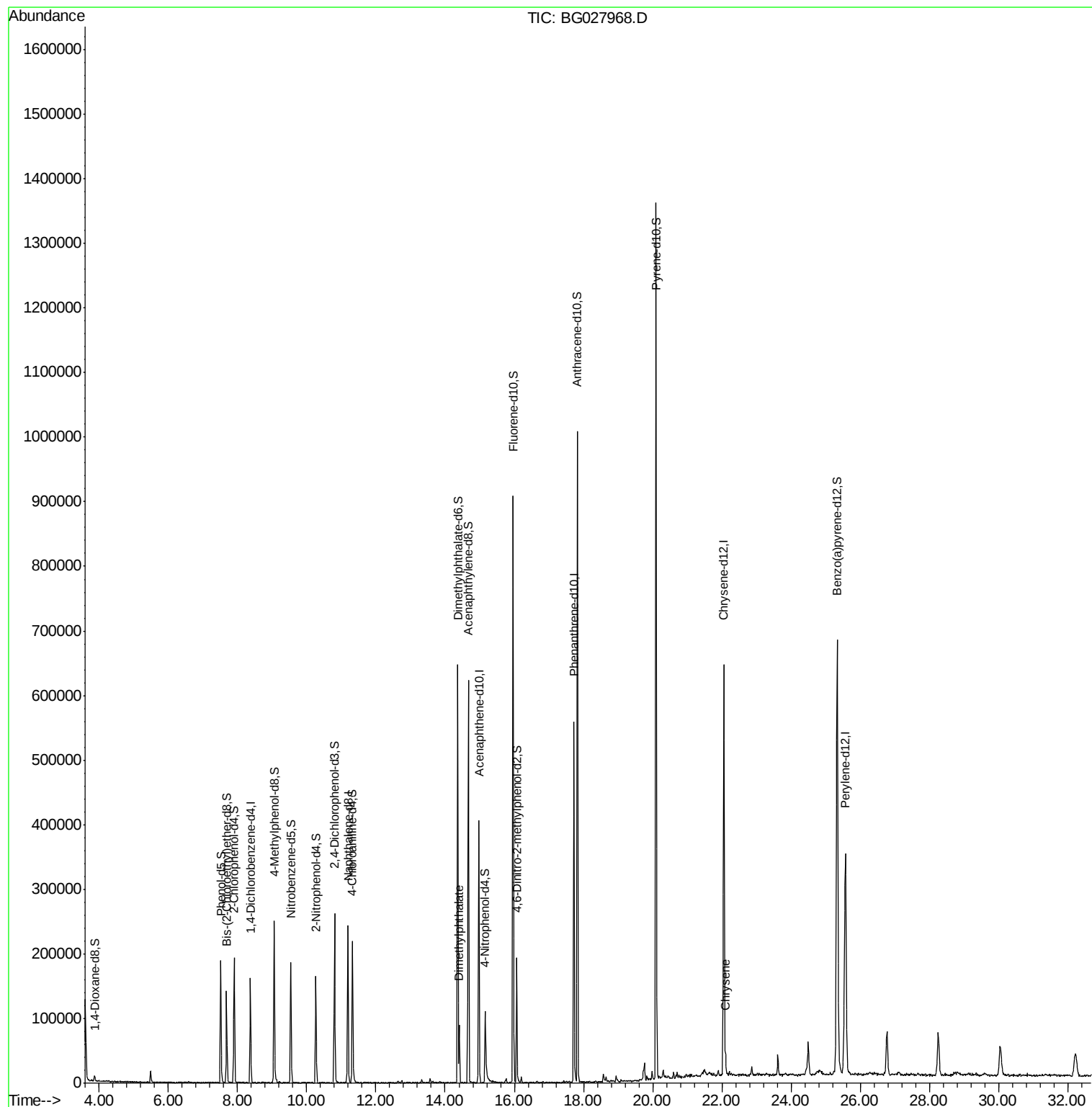
| Target Compounds      | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-----------------------|-------|------|----------|-------|-------|--------|
| 44) Dimethylphthalate | 14.41 | 163  | 60384    | 5.136 | ng/ul | 98     |
| 82) Chrysene          | 22.10 | 228  | 23352    | 1.022 | ng/ul | 95     |

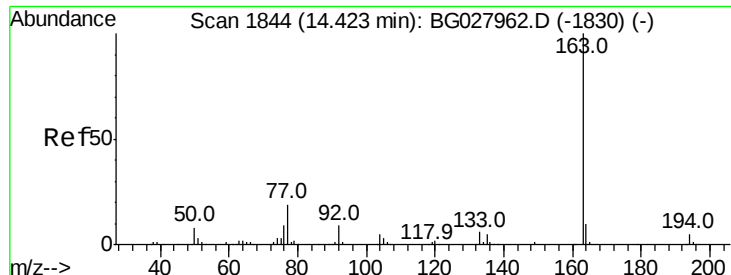
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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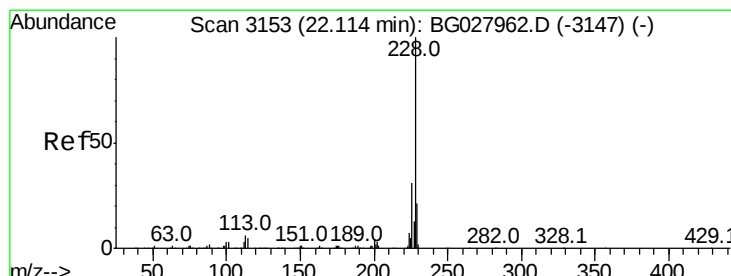
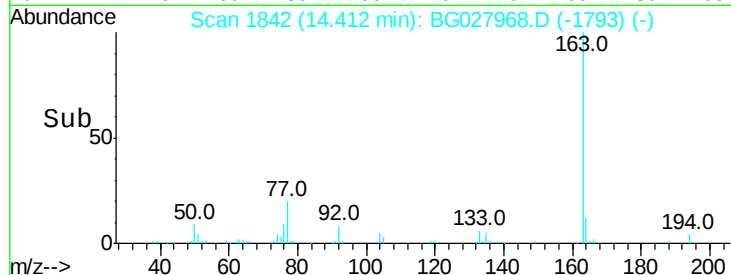
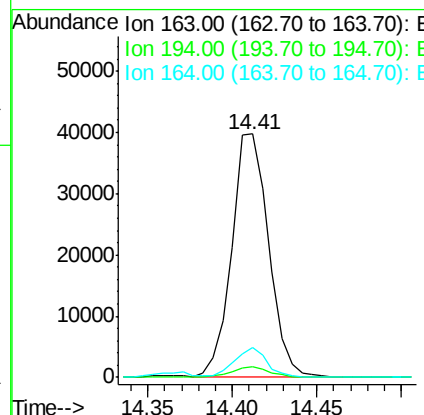
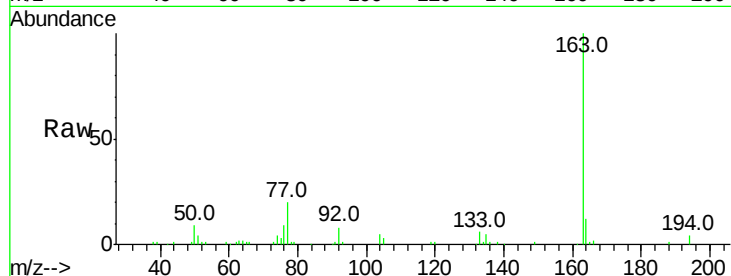




#44  
Dimethylphthalate  
Concen: 5.136 ng/ul  
RT: 14.41 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: BG027968.D  
Acq: 19 Jul 2017 18:55

Instrument :  
BNA\_G  
ClientSampled :  
C0B29

Tot Ion:163 Resp: 60384  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 12.2 9.0 13.4



#82  
Chrysene  
Concen: 1.022 ng/ul  
RT: 22.10 min Scan# 3151  
Delta R.T. -0.01 min  
Lab File: BG027968.D  
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Tgt Ion:228 Resp: 23352  
Ion Ratio Lower Upper  
228 100  
226 31.4 24.0 36.0  
229 17.1 16.9 25.3

