

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
 Data File : BG023814.D  
 Acq On : 20 Aug 2016 12:48  
 Operator : UM/SJ  
 Sample : H4496-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHPT9

Quant Time: Aug 22 03:43:44 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 22 03:42:09 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 111168   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 474838   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 300392   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 683588   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 745827   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.22 | 264  | 727537   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.47  | 96   | 11613    | 4.74  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.25  | 99   | 268125   | 25.72 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67   | 188845   | 26.44 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.62  | 132  | 197273   | 26.66 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.81  | 113  | 207082   | 25.41 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.36  | 128  | 386      | 0.10  | ng/ul | 0.09     |
| 22) 2-Nitrophenol-d4           | 10.00 | 143  | 113803   | 26.02 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.55 | 165  | 197109   | 24.93 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.07 | 131  | 248663   | 25.70 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.16 | 166  | 644436   | 25.88 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.46 | 160  | 750171   | 26.60 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.99 | 143  | 69335    | 17.23 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.76 | 176  | 576221   | 26.50 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200  | 82105    | 18.95 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.63 | 188  | 881958   | 27.98 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.92 | 212  | 997359   | 27.87 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 24.98 | 264  | 925973   | 27.80 | ng/ul | 0.00     |

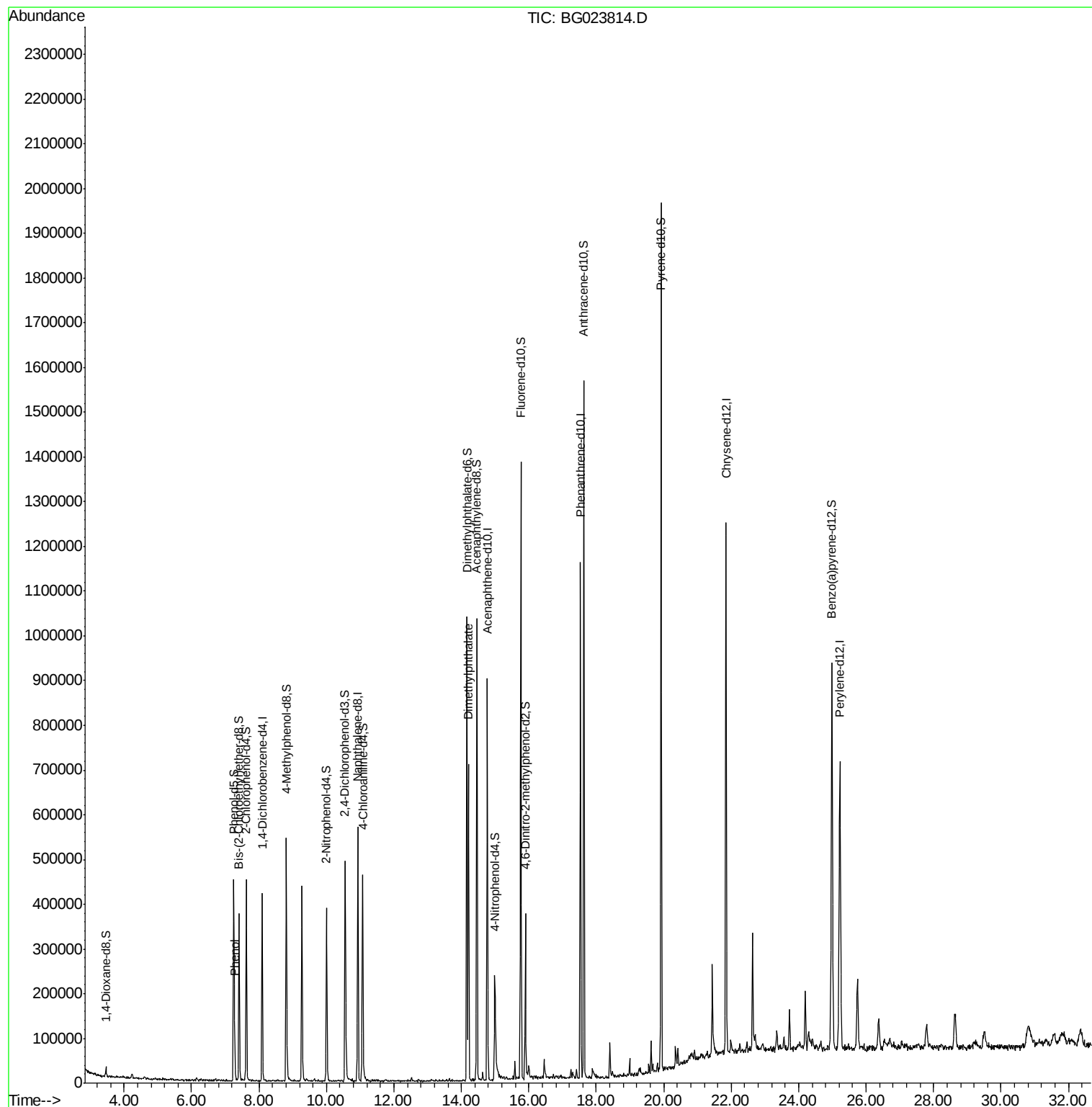
| Target Compounds      | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|-----------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol             | 7.28  | 94   | 26268    | 2.46  | ng/ul# | 59     |
| 44) Dimethylphthalate | 14.21 | 163  | 444677   | 17.86 | ng/ul  | 98     |

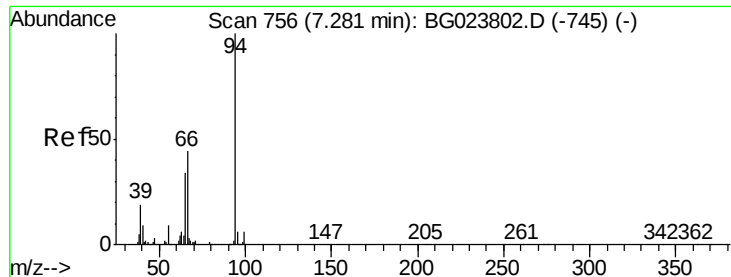
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023814.D  
Acq On : 20 Aug 2016 12:48  
Operator : UM/SJ  
Sample : H4496-12  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHPT9

Quant Time: Aug 22 03:43:44 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration





#6

Phenol

Concen: 2.46 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023814.D

Acq: 20 Aug 2016 12:48

Instrument :

BNA\_G

ClientSampleId :

JHPT9

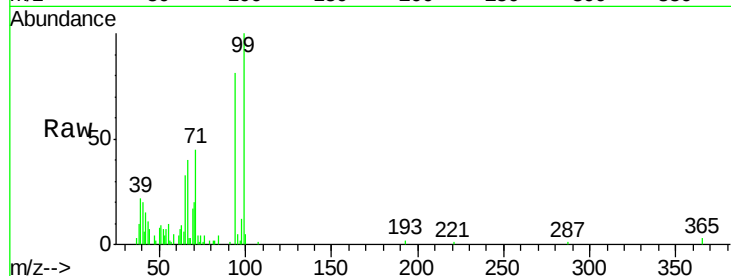
Tgt Ion: 94 Resp: 26268

Ion Ratio Lower Upper

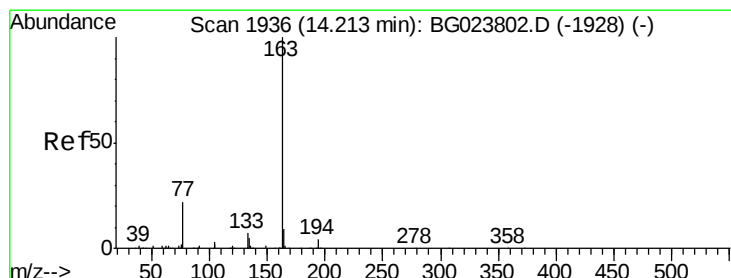
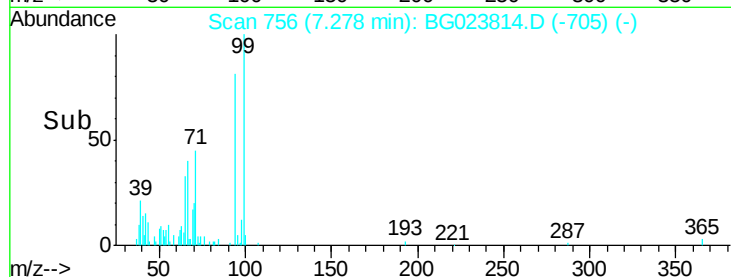
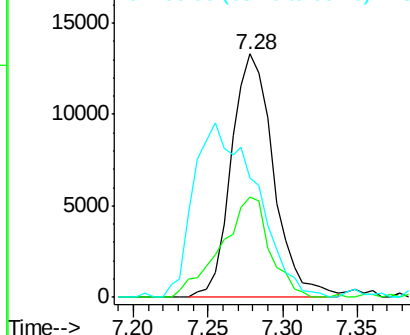
94 100

65 41.1 16.8 25.2#

66 49.0 22.6 33.8#



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: 17.86 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG023814.D

Acq: 20 Aug 2016 12:48

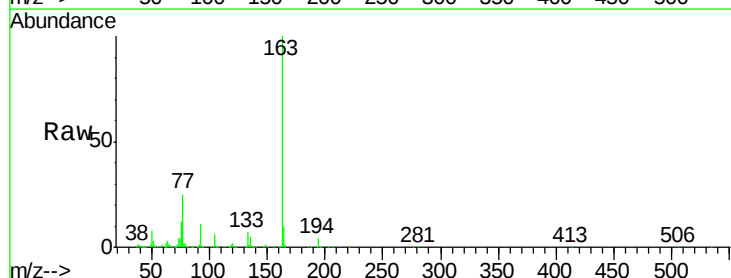
Tgt Ion: 163 Resp: 444677

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

164 9.9 8.8 13.2



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

