

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
 Data File : BG023811.D  
 Acq On : 20 Aug 2016 10:55  
 Operator : UM/SJ  
 Sample : H4496-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHPT4

Quant Time: Aug 22 03:43:21 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 | 8.10  | 152  | 120703   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 496023   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 311173   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 693656   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.84 | 240  | 756384   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.22 | 264  | 733459   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.47  | 96  | 9743   | 3.66  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.25  | 99  | 226372 | 20.00 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 158970 | 20.50 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.62  | 132 | 161943 | 20.16 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.81  | 113 | 178125 | 20.13 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.27  | 128 | 81039  | 20.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.00 | 143 | 94774  | 20.74 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165 | 168811 | 20.44 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.07 | 131 | 223000 | 22.06 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.16 | 166 | 546029 | 21.17 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.46 | 160 | 629685 | 21.56 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.00 | 143 | 69495  | 16.67 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.76 | 176 | 480295 | 21.33 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 70579  | 16.05 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.63 | 188 | 721262 | 22.55 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.92 | 212 | 819886 | 22.59 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.99 | 264 | 766211 | 22.82 | ng/ul | 0.00 |

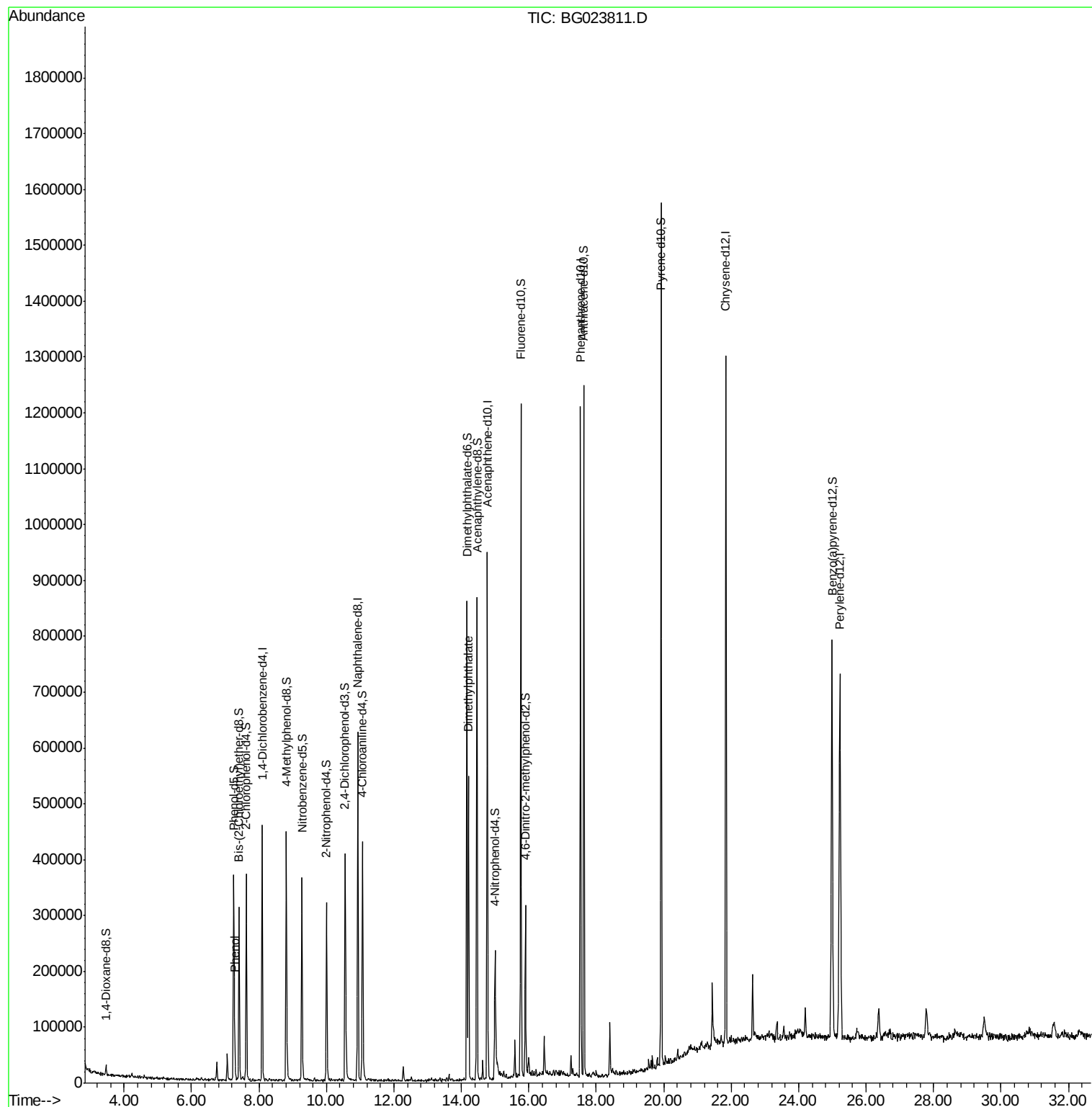
| Target Compounds      |       |     |        |       |        | Qvalue |
|-----------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol             | 7.28  | 94  | 19060  | 1.64  | ng/ul# | 65     |
| 44) Dimethylphthalate | 14.21 | 163 | 337052 | 13.07 | ng/ul  | 97     |

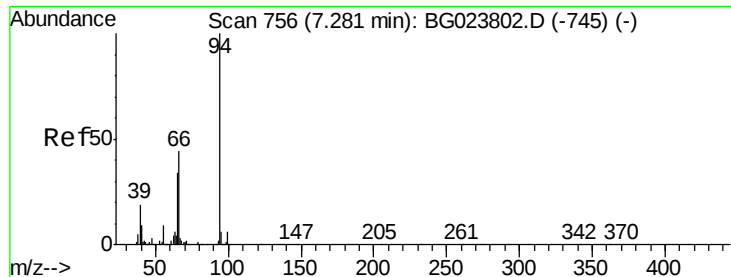
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.64 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

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ClientSampleId :

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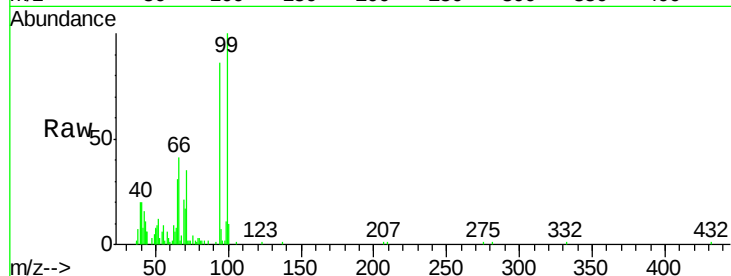
Tgt Ion: 94 Resp: 19060

Ion Ratio Lower Upper

94 100

65 36.2 16.8 25.2#

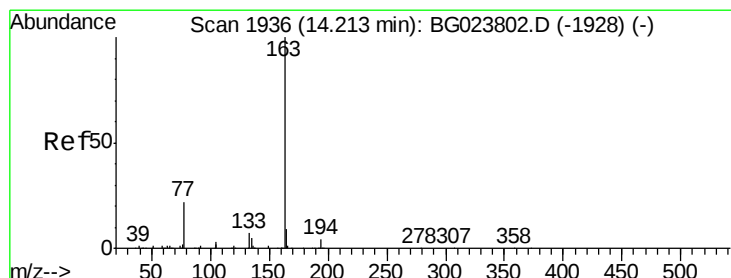
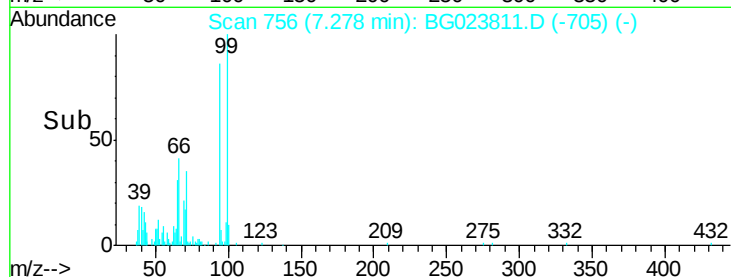
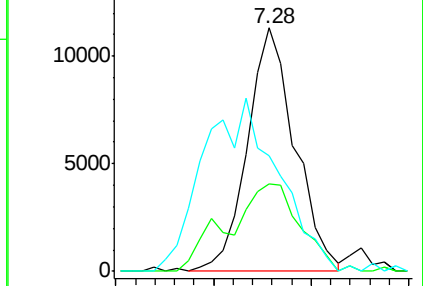
66 47.7 22.6 33.8#



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: 13.07 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

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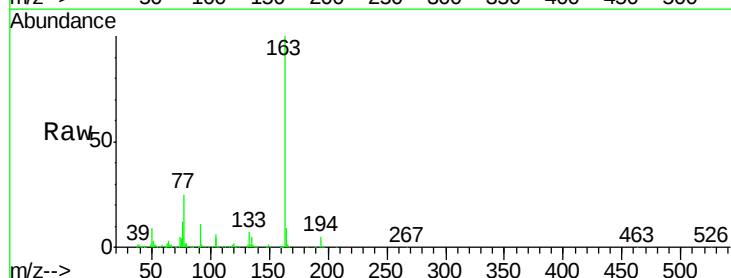
Tgt Ion: 163 Resp: 337052

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

164 9.4 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

