

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112116\  
 Data File : BG024875.D  
 Acq On : 22 Nov 2016 1:39  
 Operator : UM/SJ  
 Sample : H5694-17  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHSS2

Quant Time: Nov 22 06:25:12 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 22 01:29:33 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.26  | 152  | 137079   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.09 | 136  | 602716   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.88 | 164  | 468930   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.72 | 188  | 605898   | 20.00 | ng/ul | 0.10     |
| 75) Chrysene-d12          | 21.93 | 240  | 1270315  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.38 | 264  | 1200749  | 20.00 | ng/ul | 0.03     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.71  | 96   | 182      | 0.07  | ng/uL | 0.09     |
| 5) Phenol-d5                   | 7.39  | 99   | 110689   | 9.43  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.57  | 67   | 100049   | 13.54 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.79  | 132  | 93032    | 11.05 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.97  | 113  | 20319    | 2.06  | ng/ul | 0.01     |
| 19) Nitrobenzene-d5            | 9.43  | 128  | 59493    | 13.04 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.16 | 143  | 56746    | 10.42 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165  | 85053    | 7.84  | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.22 | 131  | 93453    | 7.71  | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.27 | 166  | 461235   | 13.49 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.58 | 160  | 553600   | 14.86 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.06 | 143  | 35539    | 5.84  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.86 | 176  | 432765   | 13.45 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.98 | 200  | 16948    | 4.07  | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.72 | 188  | 605943   | 22.64 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.99 | 212  | 791032   | 14.36 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.14 | 264  | 770879   | 14.67 | ng/ul | 0.02     |

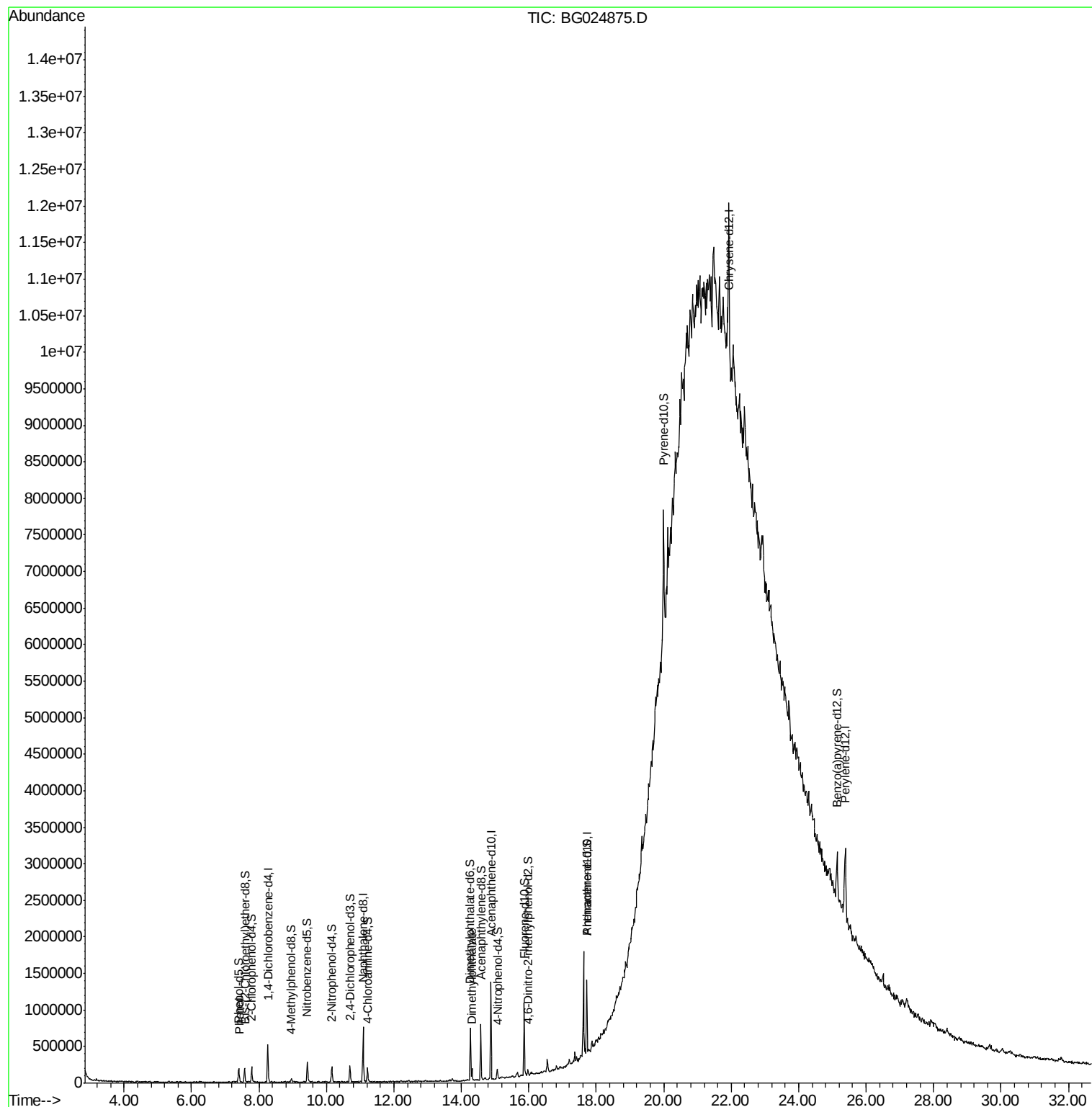
| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 6) Phenol             | 7.43  | 94   | 17718    | 1.44 | ng/ul# | 94     |
| 44) Dimethylphthalate | 14.31 | 163  | 85422    | 2.60 | ng/ul  | 97     |

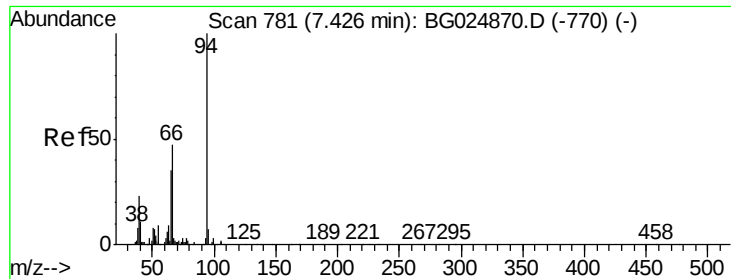
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.44 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

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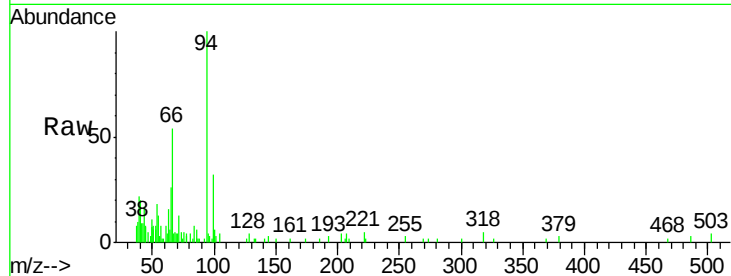
Tgt Ion: 94 Resp: 17718

Ion Ratio Lower Upper

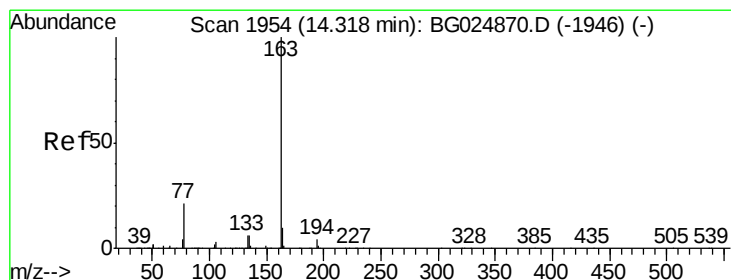
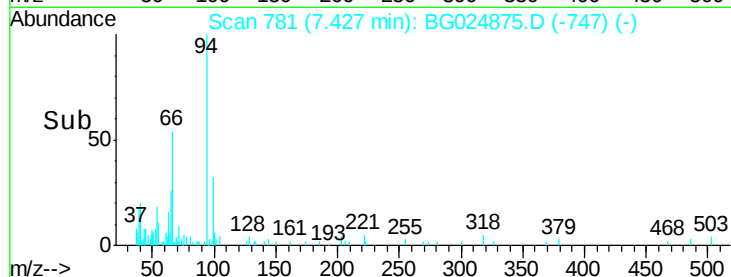
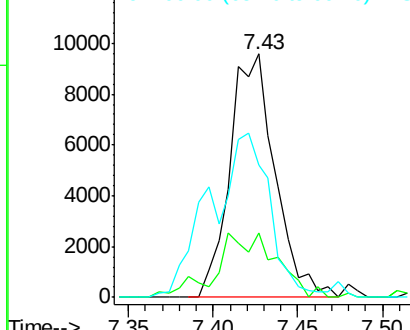
94 100

65 26.4 26.8 40.2#

66 54.3 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: 2.60 ng/ul

RT: 14.31 min Scan# 1953

Delta R.T. -0.01 min

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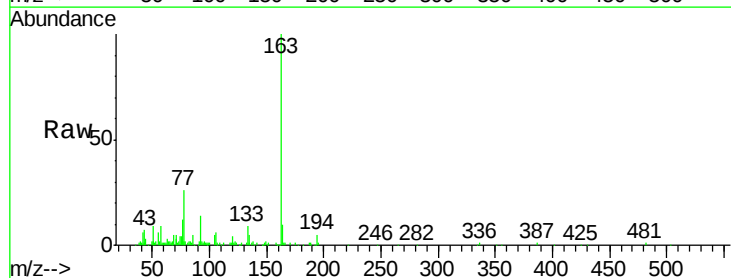
Tgt Ion:163 Resp: 85422

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

164 9.7 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

