

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG101116\  
 Data File : BG024289.D  
 Acq On : 12 Oct 2016 7:08  
 Operator : UM/SJ  
 Sample : H5113-16  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDP67

Quant Time: Oct 12 07:56:37 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG0100716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 12 05:31:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.29  | 152  | 129902   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.12 | 136  | 580761   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.90 | 164  | 495733   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.65 | 188  | 1019950  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.94 | 240  | 1088791  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.38 | 264  | 1130332  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.65  | 96   | 14826    | 5.42  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.42  | 99   | 370970   | 30.61 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.60  | 67   | 254910   | 31.11 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.81  | 132  | 261276   | 31.31 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.97  | 113  | 317844   | 32.44 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.46  | 128  | 139482   | 33.84 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.19 | 143  | 165809   | 35.96 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.72 | 165  | 315415   | 31.41 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.25 | 131  | 379519   | 35.97 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.30 | 166  | 1134840  | 32.79 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.60 | 160  | 1326974  | 33.47 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.07 | 143  | 198919   | 32.41 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.89 | 176  | 1091172  | 33.34 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200  | 209750   | 34.22 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.75 | 188  | 1614583  | 35.05 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 20.01 | 212  | 1814585  | 35.71 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.16 | 264  | 1842134  | 36.22 | ng/ul | 0.00     |

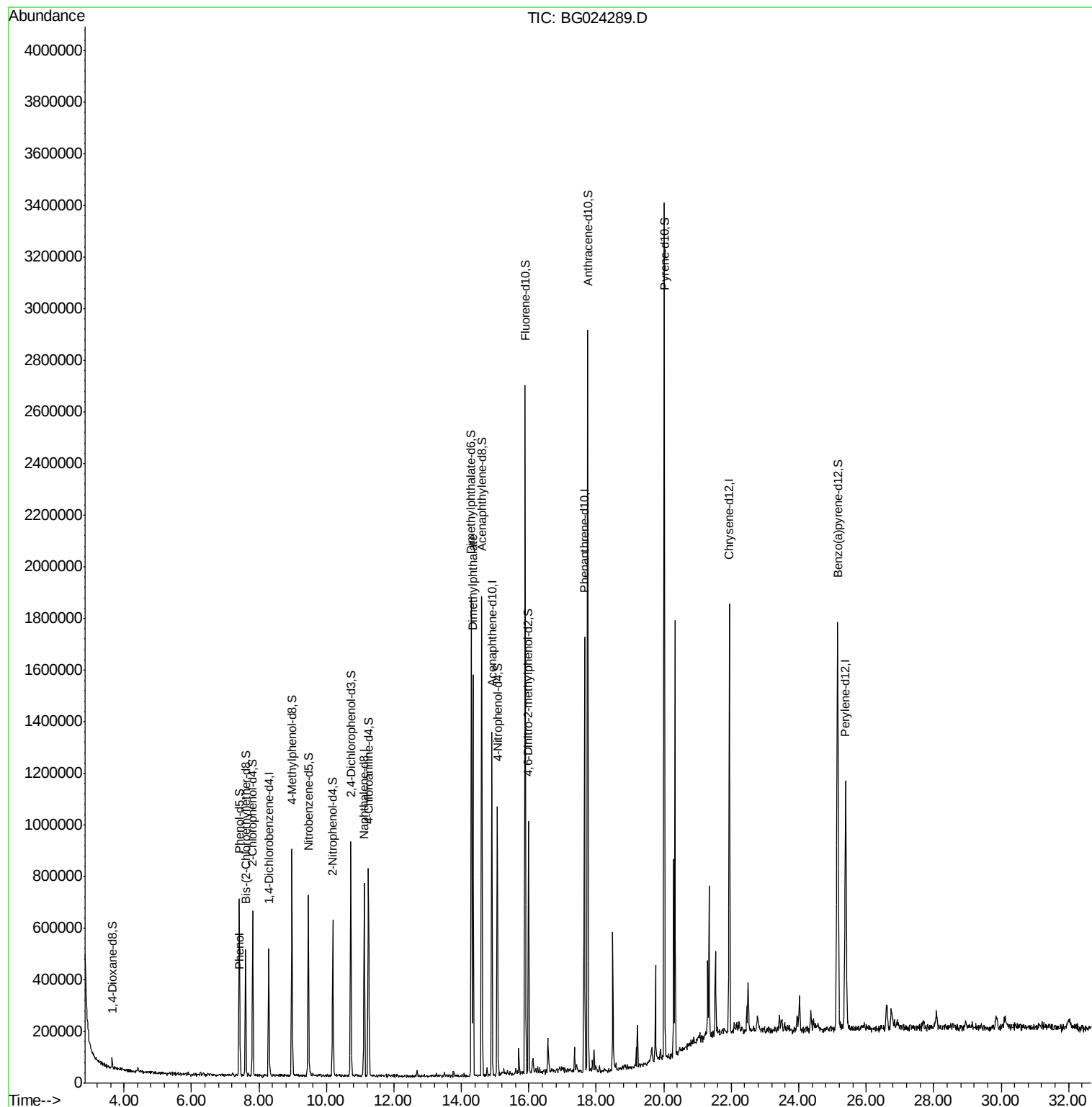
| Target Compounds      | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|-----------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol             | 7.44  | 94   | 22780    | 1.85  | ng/ul# | 90     |
| 44) Dimethylphthalate | 14.34 | 163  | 896227   | 26.41 | ng/ul# | 98     |

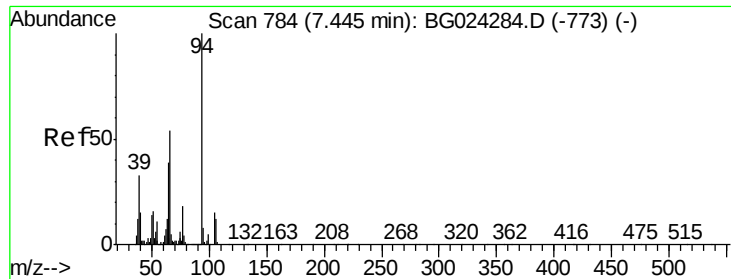
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.85 ng/ul

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

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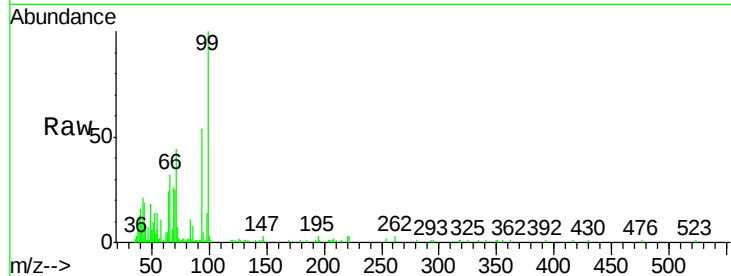
Tgt Ion: 94 Resp: 22780

Ion Ratio Lower Upper

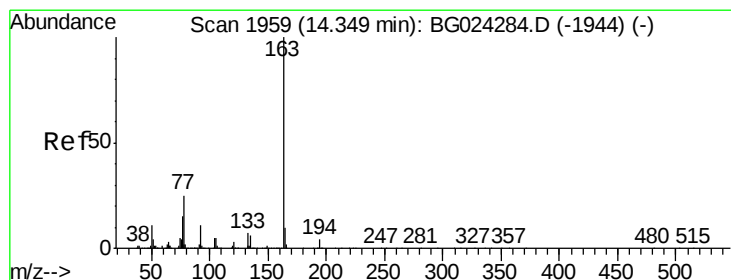
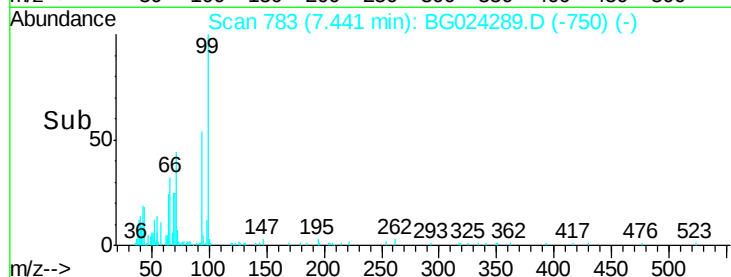
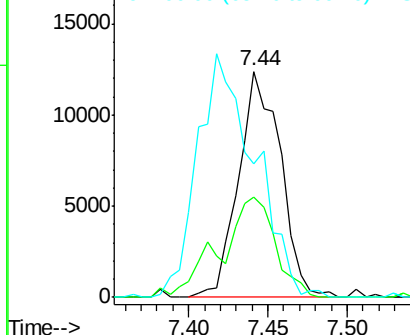
94 100

65 44.1 26.8 40.2#

66 58.9 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: 26.41 ng/ul

RT: 14.34 min Scan# 1958

Delta R.T. -0.00 min

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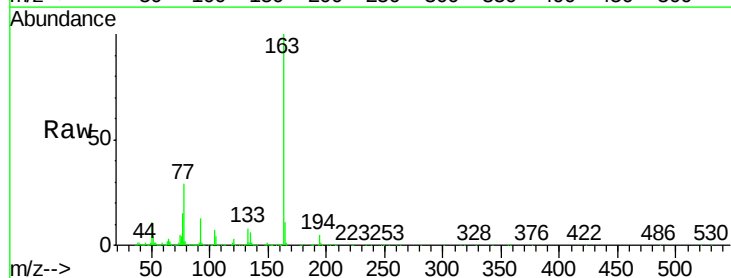
Tgt Ion: 163 Resp: 896227

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.0#

164 10.6 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

