

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070516\  
 Data File : BM006261.D  
 Acq On : 05 Jul 2016 16:04  
 Operator : UM/SJ  
 Sample : H3797-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDHQ9

Quant Time: Jul 05 18:38:40 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM070216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 05 17:52:15 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 282133   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.42 | 136  | 1288990  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.29 | 164  | 717300   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.04 | 188  | 1455837  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.24 | 240  | 1275639  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.46 | 264  | 1243216  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96   | 18697    | 2.83  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.82  | 99   | 835824   | 31.64 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67   | 539780   | 34.63 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.17  | 132  | 640947   | 31.70 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.35  | 113  | 680774   | 31.84 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.80  | 128  | 337064   | 32.81 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.52  | 143  | 374234   | 32.14 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165  | 629669   | 29.85 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.56 | 131  | 916325   | 41.80 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.71 | 166  | 1950711  | 32.59 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.99 | 160  | 2439294  | 32.91 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.51 | 143  | 299025   | 26.36 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.29 | 176  | 1615370  | 31.30 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200  | 230580   | 27.03 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.14 | 188  | 2269788  | 32.68 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.44 | 212  | 2281328  | 37.50 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.31 | 264  | 2005763  | 34.72 | ng/ul | 0.00     |

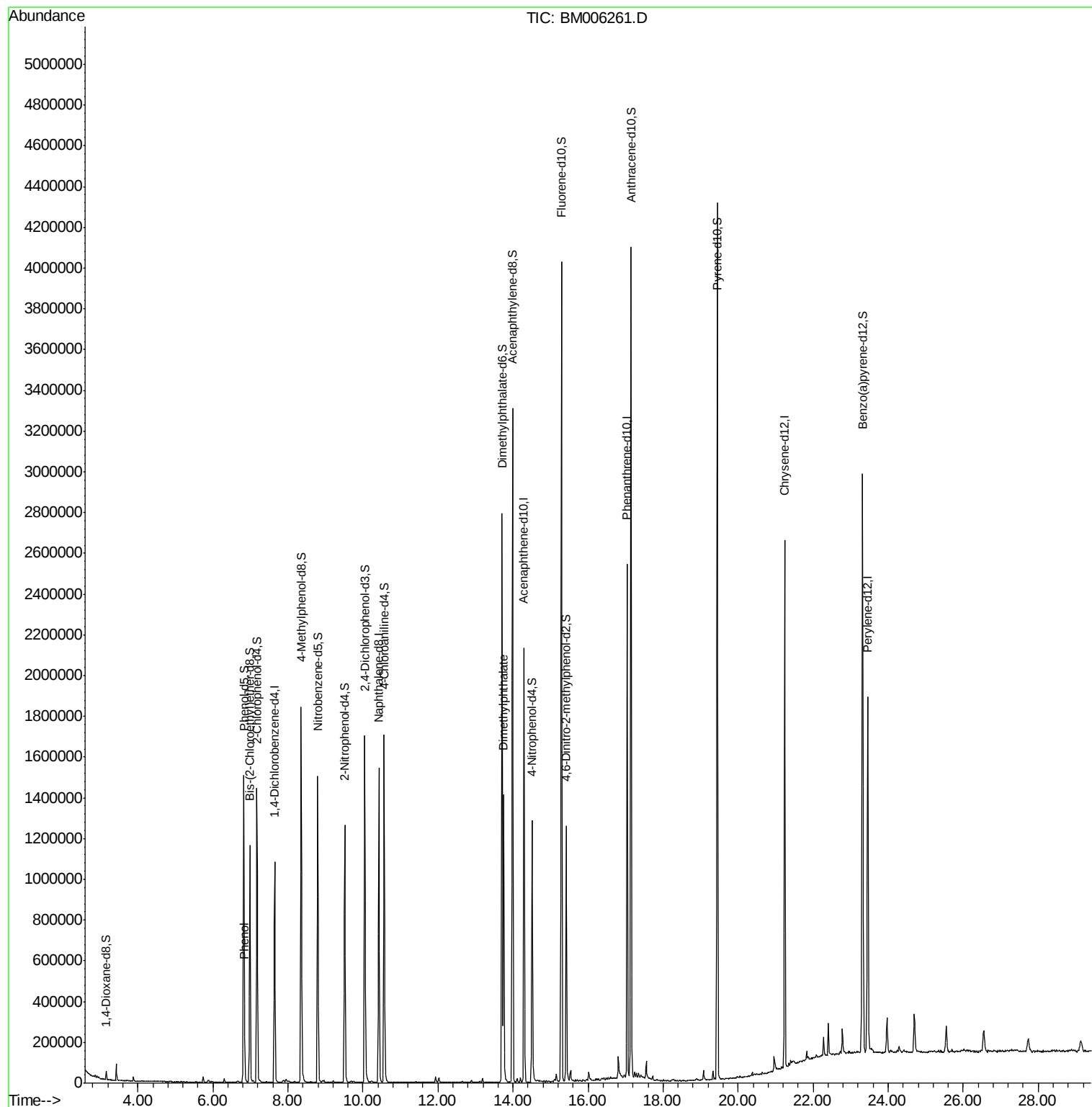
| Target Compounds      | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|-----------------------|-------|------|----------|-------|-------|--------|
| 6) Phenol             | 6.85  | 94   | 58146    | 2.12  | ng/ul | 98     |
| 44) Dimethylphthalate | 13.75 | 163  | 847137   | 14.08 | ng/ul | 99     |

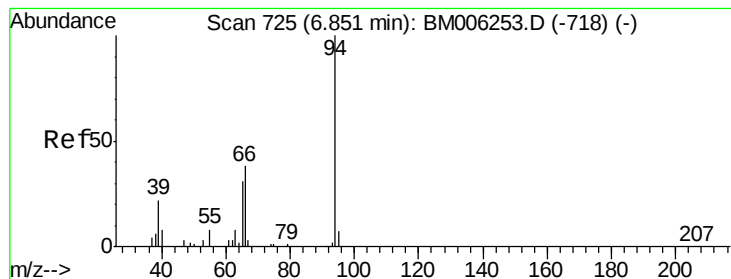
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.12 ng/ul

RT: 6.85 min Scan# 724

Delta R.T. -0.01 min

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BNA\_M

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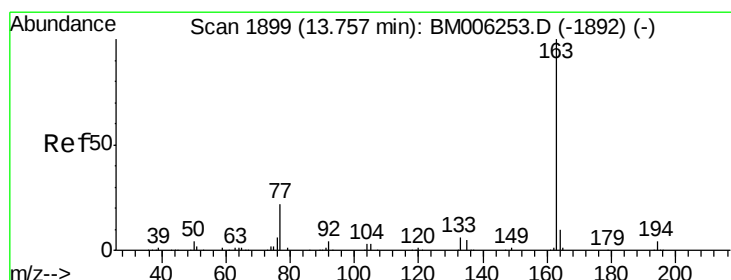
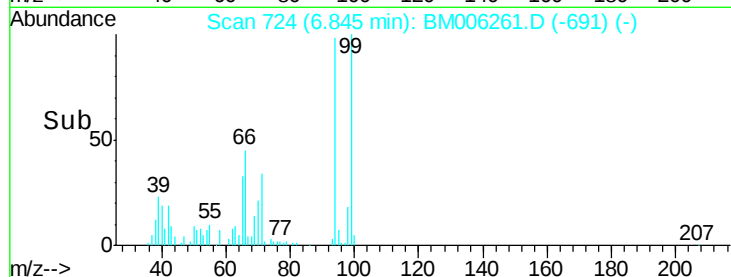
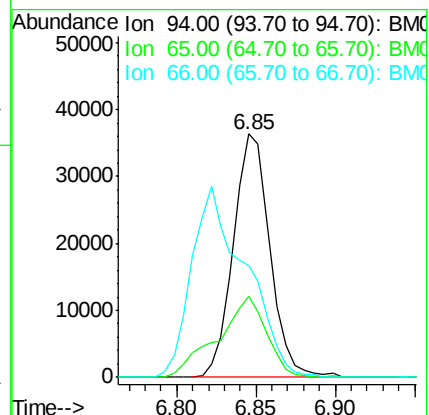
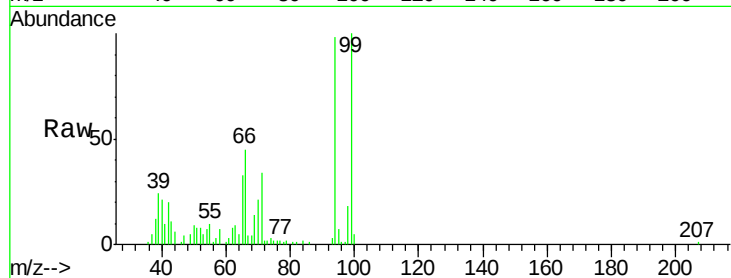
Tgt Ion: 94 Resp: 58146

Ion Ratio Lower Upper

94 100

65 33.5 25.8 38.8

66 45.8 35.7 53.5



#44

Dimethylphthalate

Concen: 14.08 ng/ul

RT: 13.75 min Scan# 1898

Delta R.T. -0.01 min

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Acq: 05 Jul 2016 16:04

Tgt Ion: 163 Resp: 847137

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 7.8 11.8

