

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\  
 Data File : BM001068.D  
 Acq On : 20 Apr 2015 16:38  
 Operator : TP/IZ  
 Sample : G1858-04  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 21 04:38:52 2015  
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 21 03:16:47 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 370419   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 1520353  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 822684   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 1745828  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.19 | 240  | 1905885  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.36 | 264  | 1918371  | 20.00 | ng/ul | 0.00     |

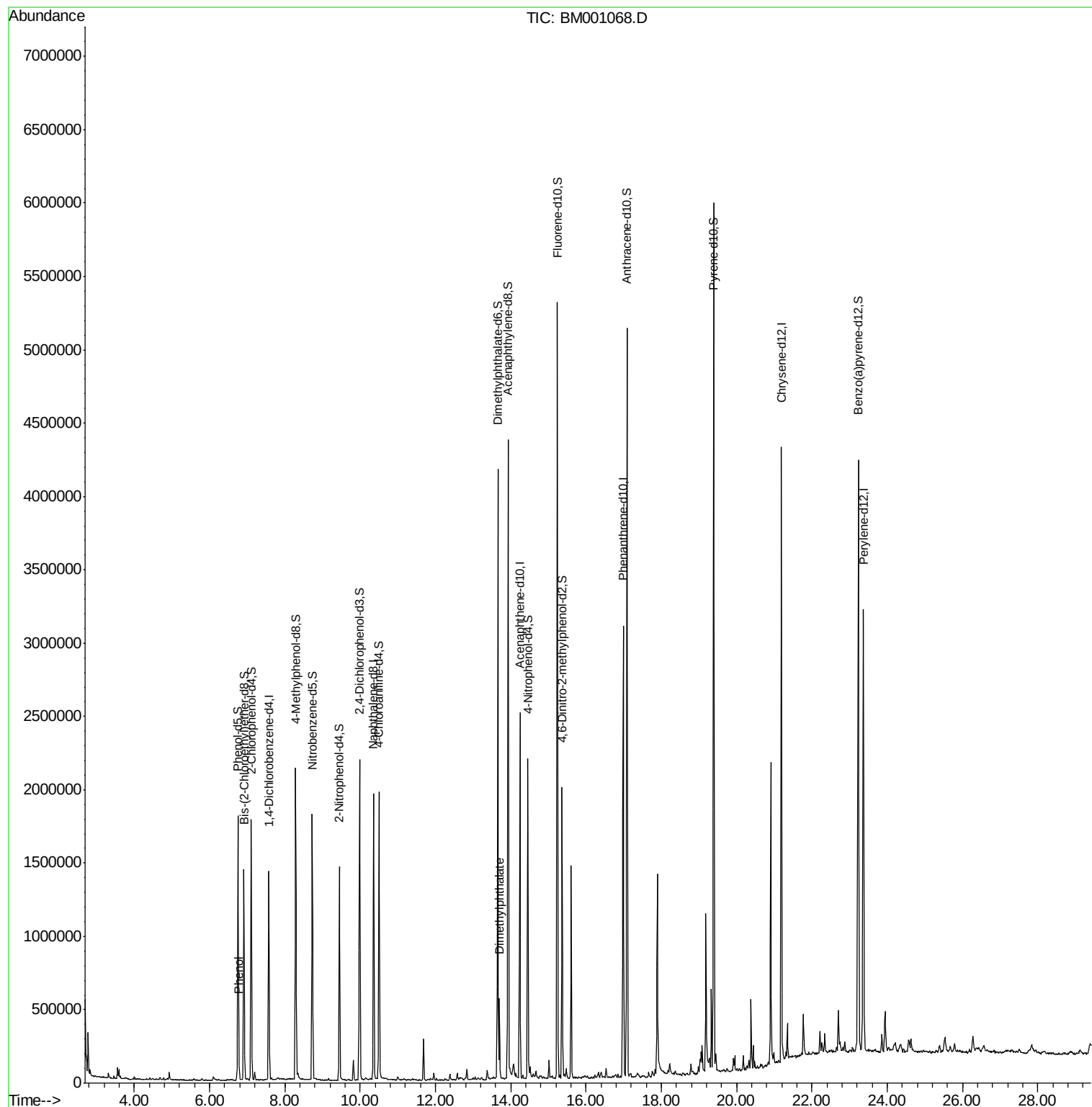
| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96   | 0d       | 0.00  | ng/uL |          |
| 5) Phenol-d5                   | 6.75  | 99   | 979726   | 33.91 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67   | 618467   | 34.35 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.10  | 132  | 768798   | 32.72 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.29  | 113  | 744479   | 32.65 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.73  | 128  | 404410   | 39.45 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.45  | 143  | 449606   | 39.28 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165  | 764744   | 34.28 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.50 | 131  | 1002573  | 46.10 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.65 | 166  | 2632771  | 48.03 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.93 | 160  | 3000425  | 38.25 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.45 | 143  | 502415   | 47.15 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.23 | 176  | 1995659  | 36.63 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200  | 377437   | 39.81 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.08 | 188  | 2786855  | 35.26 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.39 | 212  | 2883804  | 32.60 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.23 | 264  | 2415697  | 28.13 | ng/ul | 0.01     |

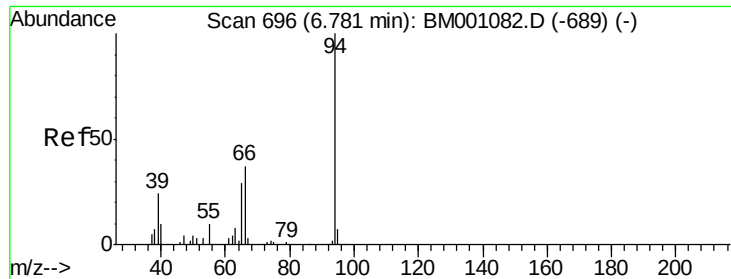
| Target Compounds      | R.T.  | QIon | Response | Conc | Units | Ovalue |
|-----------------------|-------|------|----------|------|-------|--------|
| 6) Phenol             | 6.78  | 94   | 52440    | 1.72 | ng/ul | 95     |
| 44) Dimethylphthalate | 13.70 | 163  | 330184   | 5.38 | ng/ul | 99     |

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

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#6

Phenol

Concen: 1.72 ng/ul

RT: 6.78 min Scan# 696

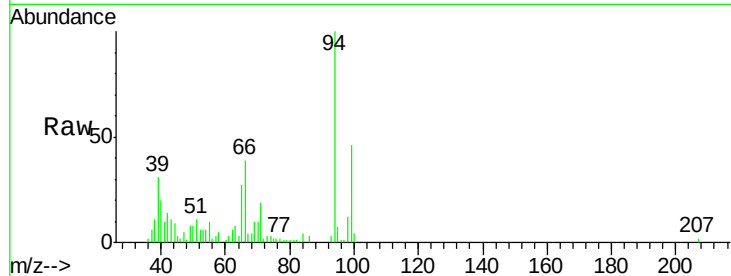
Delta R.T. -0.00 min

Lab File: BM001068.D

Acq: 20 Apr 2015 16:38

Tot Ion: 94 Resp: 52440

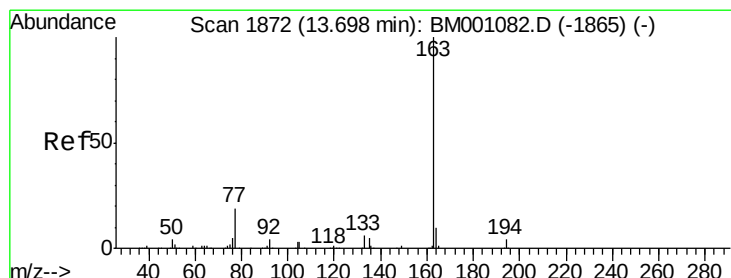
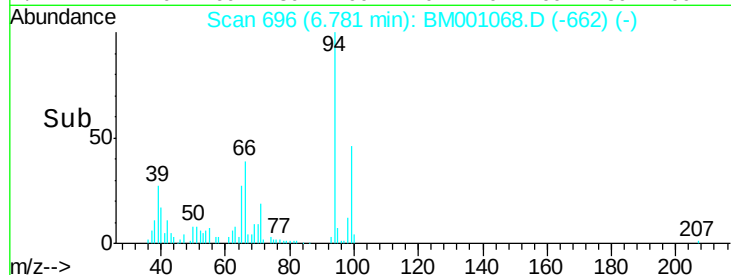
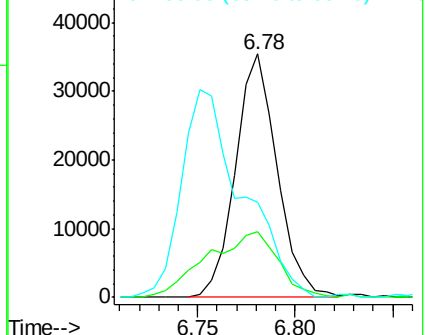
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 27.2  | 24.9  | 37.3  |
| 66  | 39.1  | 29.8  | 44.8  |



Abundance Ion 94.00 (93.70 to 94.70): BM001068.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM001068.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM001068.D (-662) (-)



#44

Dimethylphthalate

Concen: 5.38 ng/ul

RT: 13.70 min Scan# 1872

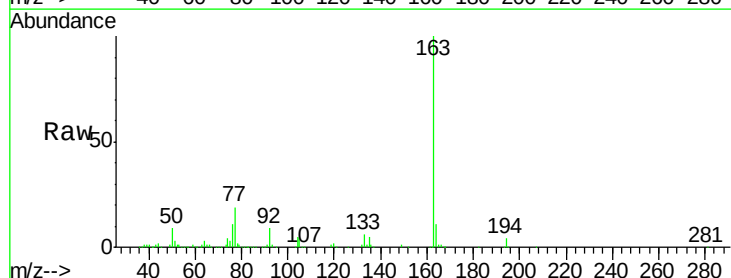
Delta R.T. -0.00 min

Lab File: BM001068.D

Acq: 20 Apr 2015 16:38

Tgt Ion: 163 Resp: 330184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.0   | 4.4   |
| 164 | 10.8  | 8.2   | 12.4  |



Abundance Ion 163.00 (162.70 to 163.70): BM001068.D (-1838) (-)

Ion 194.00 (193.70 to 194.70): BM001068.D (-1838) (-)

Ion 164.00 (163.70 to 164.70): BM001068.D (-1838) (-)

