

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\  
 Data File : BM013861.D  
 Acq On : 27 Jan 2018 01:25  
 Operator : SJ/JU  
 Sample : J1244-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 27 03:41:32 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 26 23:46:01 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 128006   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 474141   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.24 | 164  | 269724   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 609944   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.19 | 240  | 702997   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.38 | 264  | 722187   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 12027   | 3.71  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 243282  | 24.76 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 155287  | 26.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 216291  | 27.01 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 199365  | 26.39 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 109325  | 29.71 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 116049  | 29.85 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 215117  | 28.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.51 | 131 | 273796  | 42.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.66 | 166 | 684340  | 30.79 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.93 | 160 | 862825  | 30.43 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.48 | 143 | 60368   | 16.71 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.24 | 176 | 593738  | 30.37 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 76588   | 20.86 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.09 | 188 | 922499  | 31.05 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.39 | 212 | 1066625 | 32.59 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.24 | 264 | 1110252 | 33.45 | ng/ul | 0.00 |

## Target Compounds

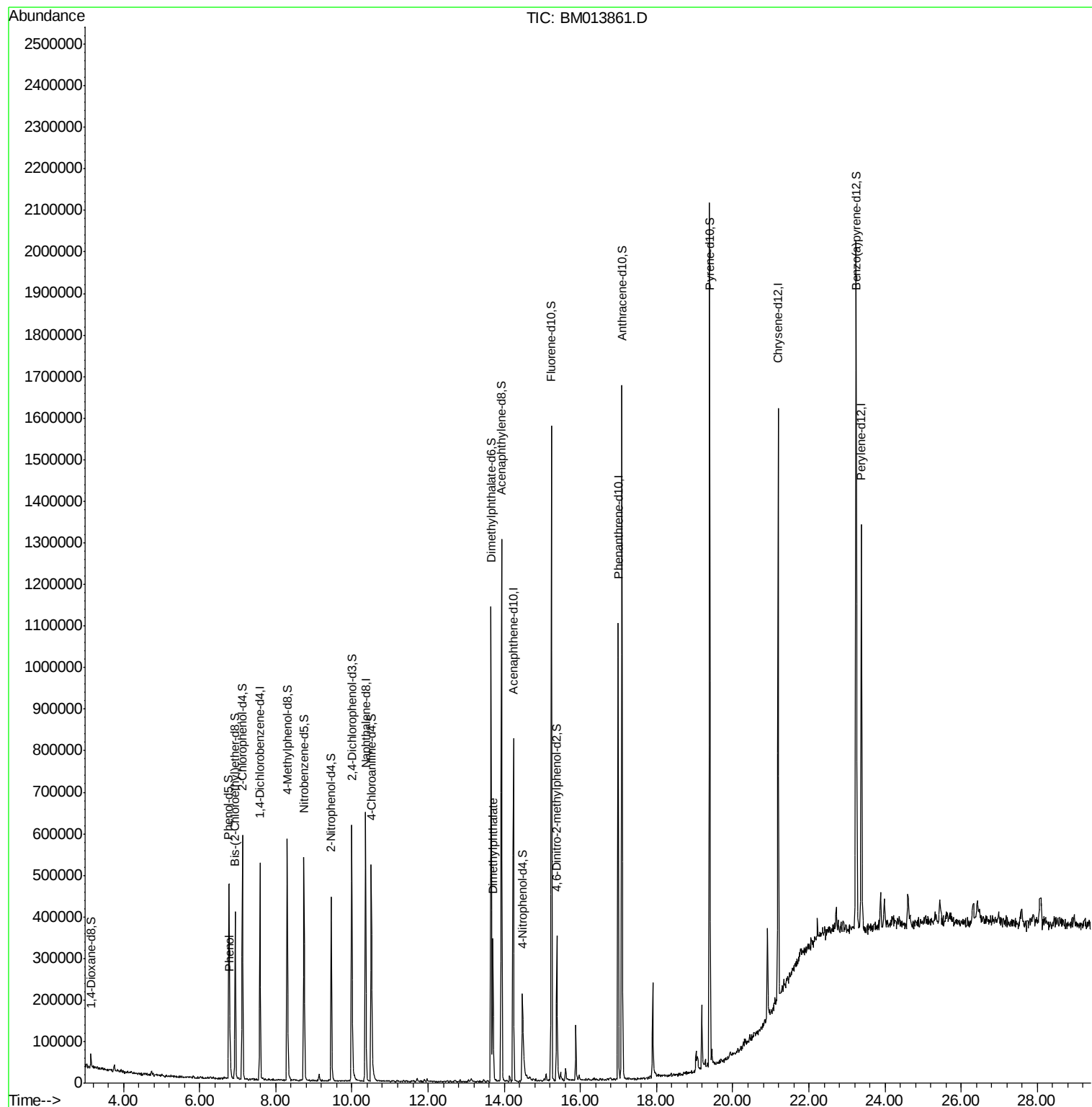
|                       |       |     |        |             | Ovalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 6) Phenol             | 6.80  | 94  | 34887  | 3.540 ng/ul | 92     |
| 44) Dimethylphthalate | 13.70 | 163 | 206870 | 9.465 ng/ul | 99     |

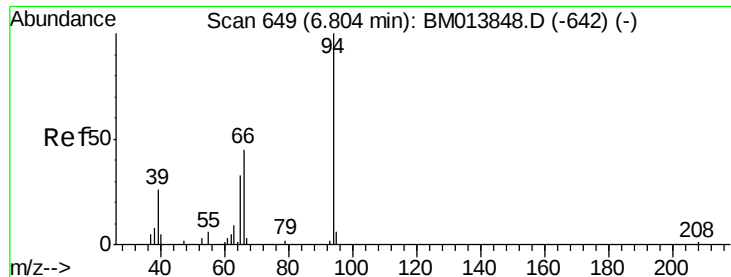
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.540 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM013861.D

Acq: 27 Jan 2018 01:25

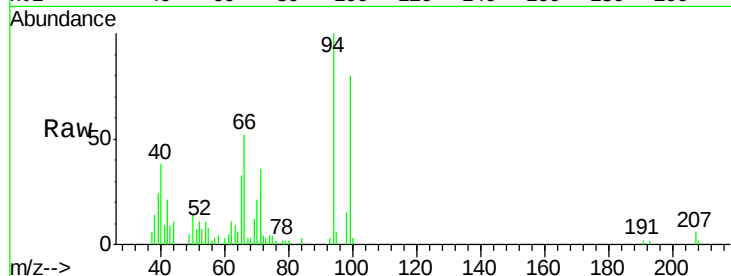
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 94 Resp: 34887

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 32.8  | 28.2  | 42.4  |
| 66  | 51.7  | 47.2  | 70.8  |

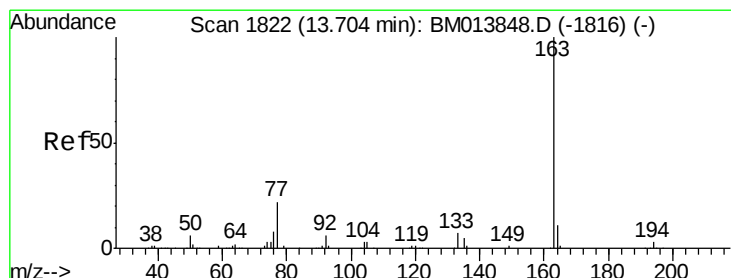
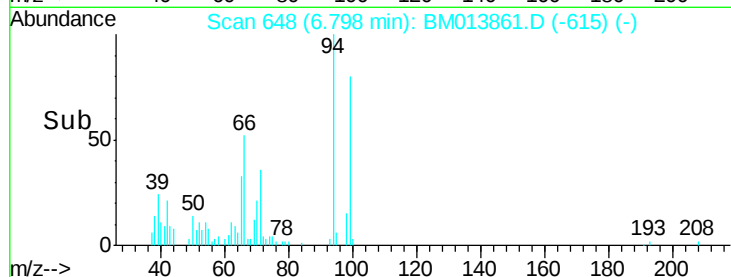
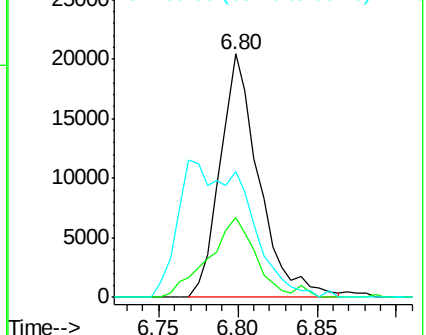


Abundance

Ion 94.00 (93.70 to 94.70): BM013848.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM013848.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM013848.D (-642) (-)



#44

Dimethylphthalate

Concen: 9.465 ng/ul

RT: 13.70 min Scan# 1822

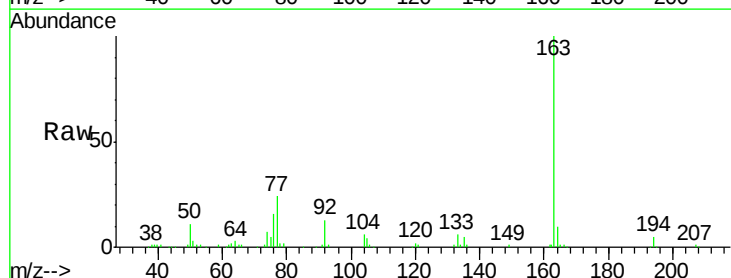
Delta R.T. -0.00 min

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Acq: 27 Jan 2018 01:25

Tgt Ion: 163 Resp: 206870

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.7   | 3.5   | 5.3   |
| 164 | 10.1  | 8.2   | 12.4  |



Abundance

Ion 163.00 (162.70 to 163.70): BM013848.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM013848.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM013848.D (-1816) (-)

