

Data Path : U:\HPCHEM1\BNA M\DATA\BM012018\  
 Data File : BM013672.D  
 Acq On : 20 Jan 2018 09:19  
 Operator : SJ/JU  
 Sample : J1216-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B0AE4

Quant Time: Jan 22 00:40:28 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 22 00:40:08 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 154331   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 635789   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 362458   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 761024   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.22 | 240  | 715580   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.41 | 264  | 719083   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 11560  | 2.96  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 240376 | 20.29 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 157588 | 21.95 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 205581 | 21.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 204198 | 22.42 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 117021 | 23.72 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 124004 | 23.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 220914 | 21.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.54 | 131 | 268877 | 30.77 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.68 | 166 | 749161 | 25.08 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 935508 | 24.56 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.49 | 143 | 63835  | 13.15 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.26 | 176 | 634275 | 24.14 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 84001  | 18.34 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.12 | 188 | 924298 | 24.94 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.42 | 212 | 965482 | 28.98 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.27 | 264 | 902905 | 27.32 | ng/ul | 0.00 |

## Target Compounds

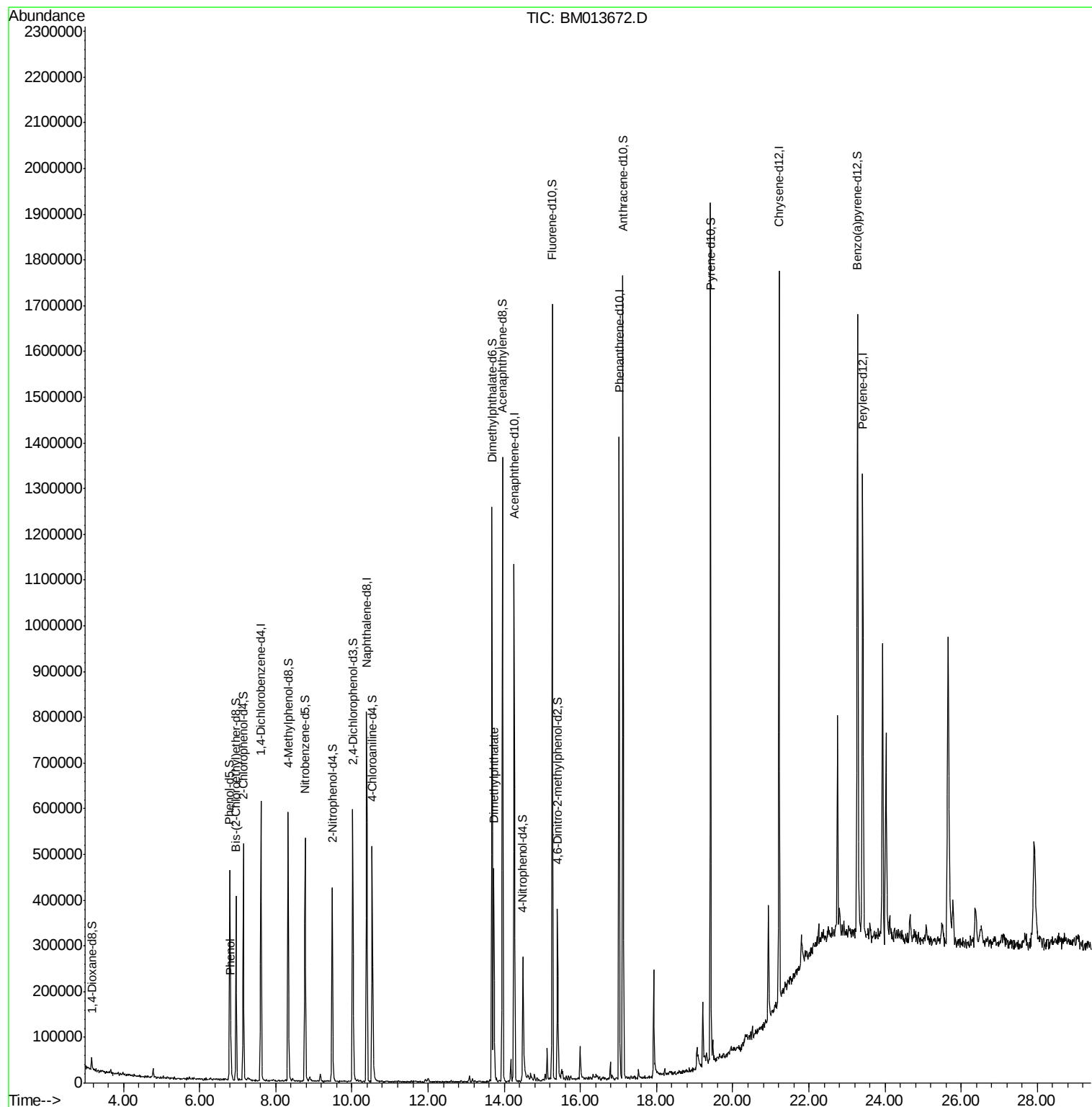
|                       |       |     |        |       | Ovalue   |
|-----------------------|-------|-----|--------|-------|----------|
| 6) Phenol             | 6.82  | 94  | 34919  | 2.938 | ng/ul 90 |
| 44) Dimethylphthalate | 13.73 | 163 | 269899 | 9.189 | ng/ul 98 |

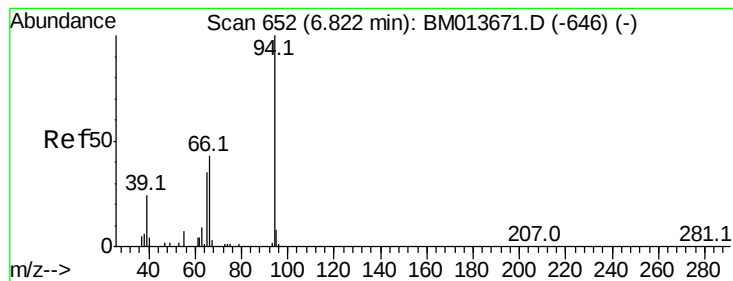
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.938 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM013672.D

Acq: 20 Jan 2018 09:19

Instrument :

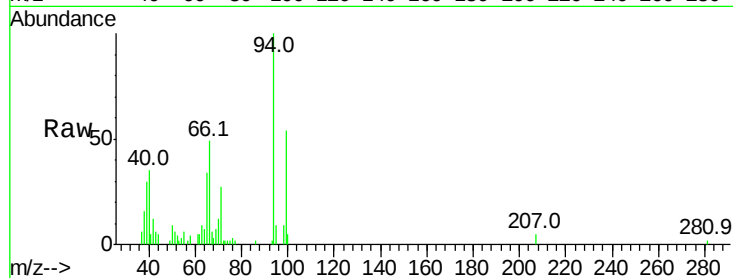
BNA\_M

ClientSampled :

B0AE4

Tot Ion: 94 Resp: 34919

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 33.9  | 28.2  | 42.4  |
| 66  | 48.7  | 47.2  | 70.8  |

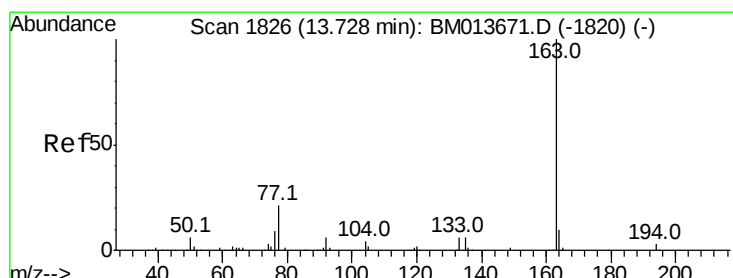
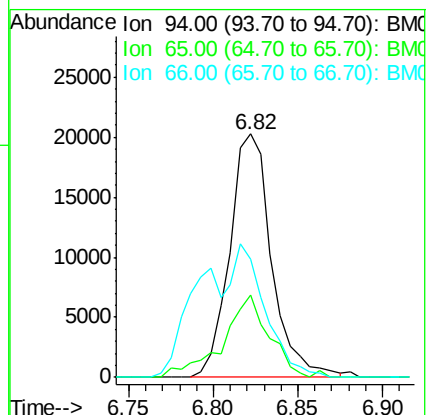
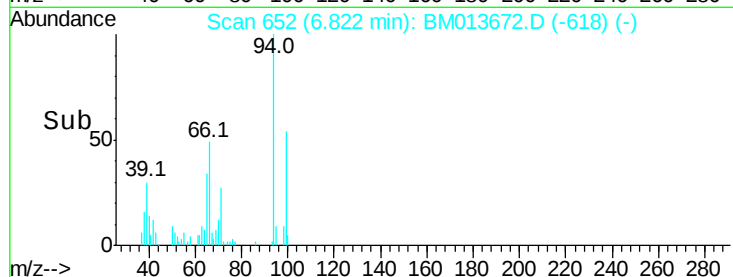


Abundance

Ion 94.00 (93.70 to 94.70): BM013671.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM013671.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM013671.D (-646) (-)



#44

Dimethylphthalate

Concen: 9.189 ng/ul

RT: 13.73 min Scan# 1826

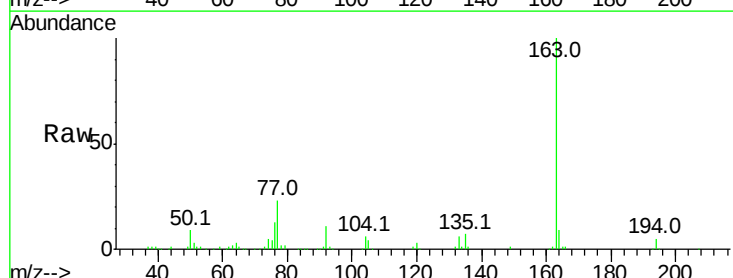
Delta R.T. -0.00 min

Lab File: BM013672.D

Acq: 20 Jan 2018 09:19

Tgt Ion:163 Resp: 269899

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.6   | 3.5   | 5.3   |
| 164 | 9.1   | 8.2   | 12.4  |



Abundance

Ion 163.00 (162.70 to 163.70): BM013671.D (-1820) (-)

Ion 194.00 (193.70 to 194.70): BM013671.D (-1820) (-)

Ion 164.00 (163.70 to 164.70): BM013671.D (-1820) (-)

