

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\  
 Data File : BM018008.D  
 Acq On : 07 Dec 2018 20:13  
 Operator : JU/SJ  
 Sample : J6077-10  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9Y44

Quant Time: Dec 07 22:24:34 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 07 22:20:53 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 131358   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 519762   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 267053   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 556116   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.17 | 240  | 586295   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.35 | 264  | 622699   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 17177   | 5.98  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 307158  | 25.60 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 186108  | 25.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 273354  | 29.12 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 248418  | 25.34 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 125004  | 31.31 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.42  | 143 | 140491  | 30.71 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 227935  | 26.18 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 315700  | 42.24 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 730885  | 31.54 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.89 | 160 | 922118  | 32.88 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 57141   | 13.56 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.20 | 176 | 629341  | 31.45 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 76667   | 19.28 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.06 | 188 | 924337  | 33.38 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.37 | 212 | 1020348 | 35.97 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.21 | 264 | 1135779 | 33.63 | ng/ul | 0.00 |

## Target Compounds

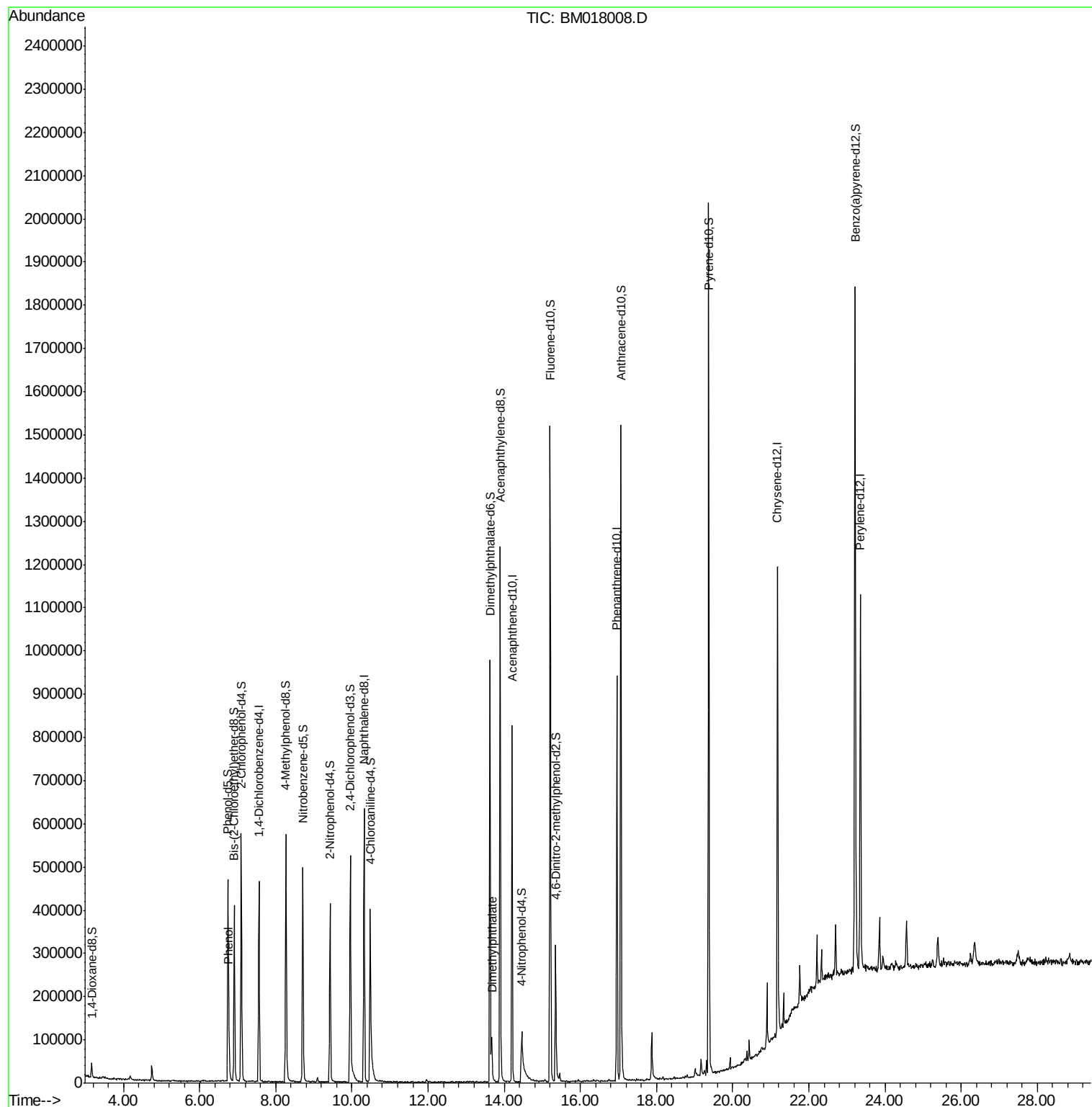
|                       |       |     |       |       | Ovalue   |
|-----------------------|-------|-----|-------|-------|----------|
| 6) Phenol             | 6.77  | 94  | 53920 | 4.503 | ng/ul 94 |
| 44) Dimethylphthalate | 13.67 | 163 | 63377 | 2.823 | ng/ul 99 |

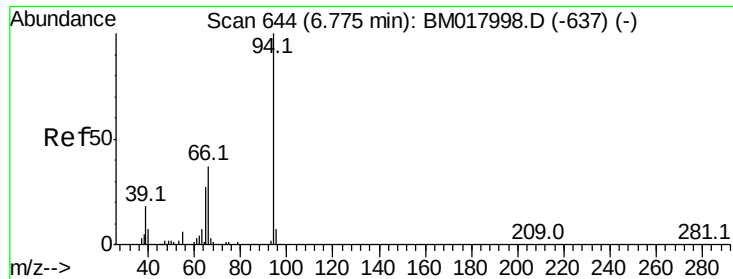
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11918MA.M  
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#6

Phenol

Concen: 4.503 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018008.D

Acq: 07 Dec 2018 20:13

Instrument :

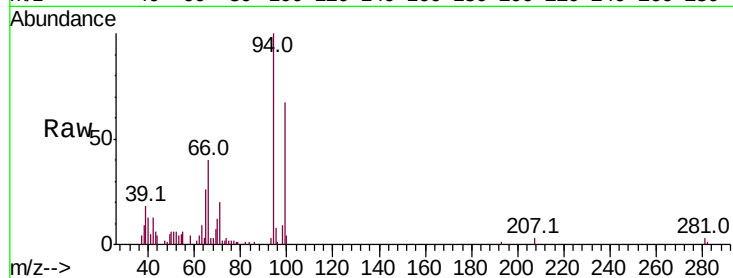
BNA\_M

ClientSampleId :

F9Y44

Tot Ion: 94 Resp: 53920

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.9  | 24.7  | 37.1  |
| 66  | 40.4  | 34.6  | 51.8  |

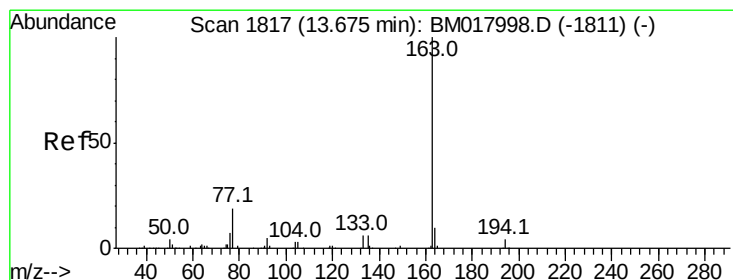
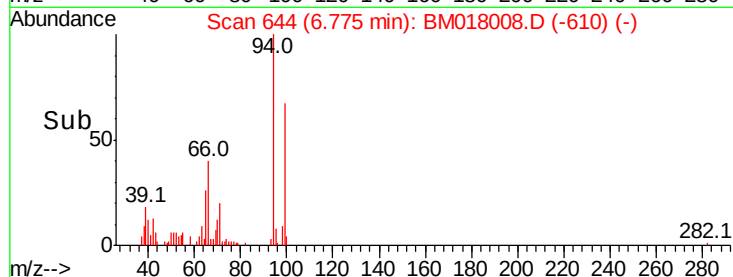
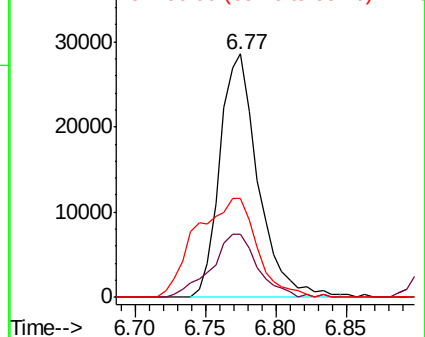


Abundance

Ion 94.00 (93.70 to 94.70): BM017998.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM017998.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM017998.D (-637) (-)



#44

Dimethylphthalate

Concen: 2.823 ng/ul

RT: 13.67 min Scan# 1817

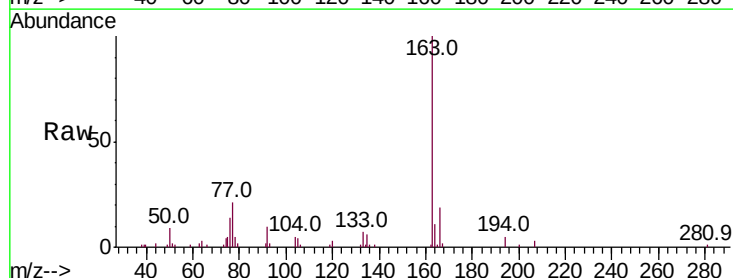
Delta R.T. -0.00 min

Lab File: BM018008.D

Acq: 07 Dec 2018 20:13

Tgt Ion: 163 Resp: 63377

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.5   | 3.4   | 5.0   |
| 164 | 10.5  | 8.1   | 12.1  |



Abundance

Ion 163.00 (162.70 to 163.70): BM017998.D (-1811) (-)

Ion 194.00 (193.70 to 194.70): BM017998.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BM017998.D (-1811) (-)

