

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120118\  
 Data File : BM017826.D  
 Acq On : 30 Nov 2018 16:33  
 Operator : JU/SJ  
 Sample : J6096-11  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4184

Quant Time: Nov 30 17:25:03 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 30 15:55:15 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 210663   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 912577   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 507270   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 1004282  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.19 | 240  | 747502   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.37 | 264  | 770033   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 6098    | 1.32  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 114385  | 5.95  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 347569  | 29.96 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 381444  | 25.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 225407  | 14.34 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 232024  | 33.10 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 256504  | 31.94 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 410138  | 26.83 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 2778    | 0.21  | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6       | 13.66 | 166 | 1501743 | 34.12 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 1805492 | 33.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.49 | 143 | 22239   | 2.78  | ng/ul | 0.03 |
| 57) Fluorene-d10               | 15.23 | 176 | 1265970 | 33.31 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 221367  | 30.83 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.09 | 188 | 1874146 | 37.48 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.39 | 212 | 1707819 | 47.22 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.24 | 264 | 1558330 | 37.31 | ng/ul | 0.00 |

## Target Compounds

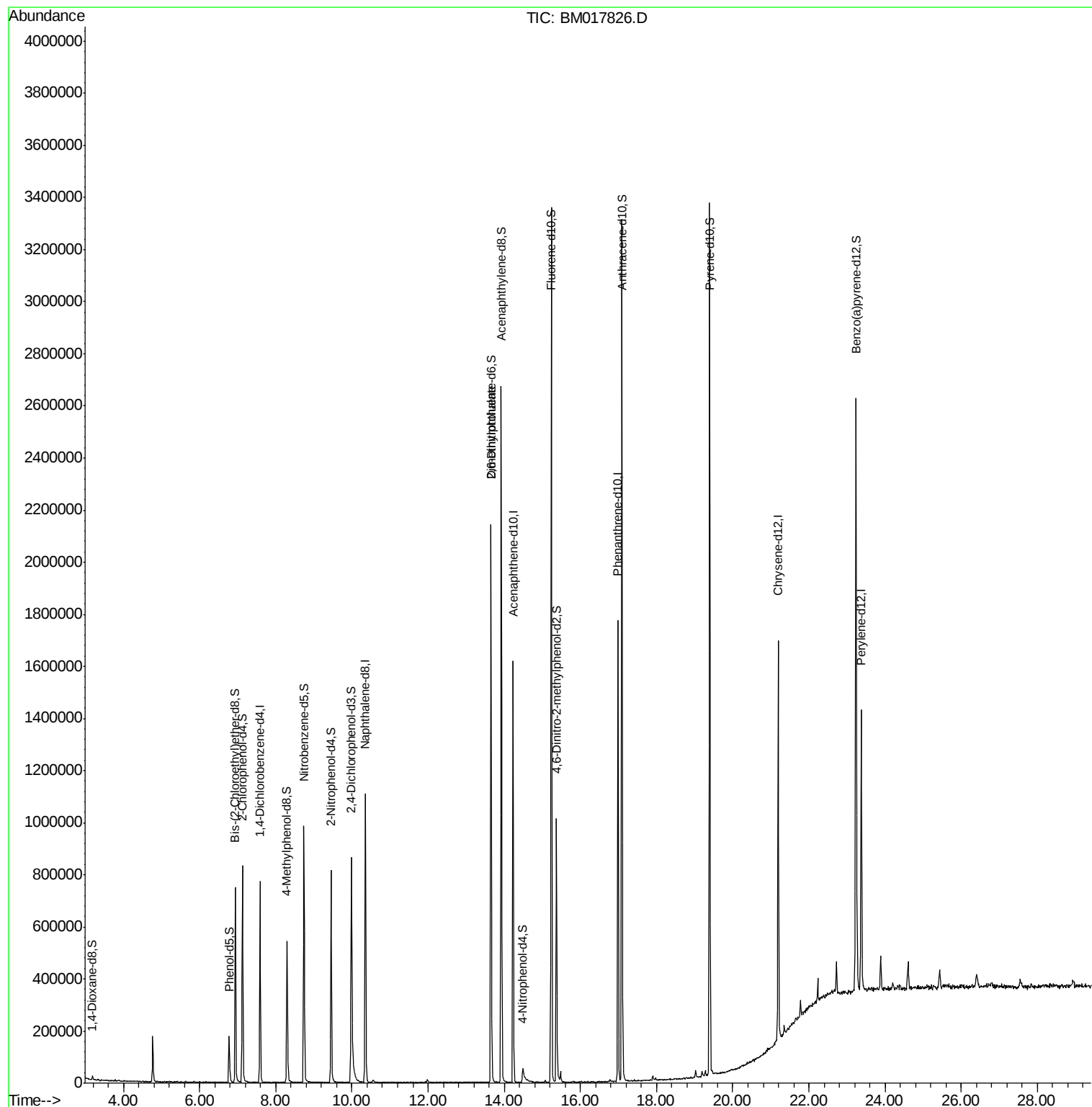
|                        |       |     |       | Ovalue |           |
|------------------------|-------|-----|-------|--------|-----------|
| 45) 2,6-Dinitrotoluene | 13.66 | 165 | 10437 | 1.246  | ng/ul# 36 |

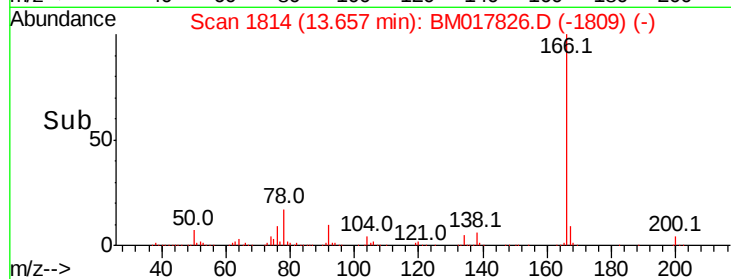
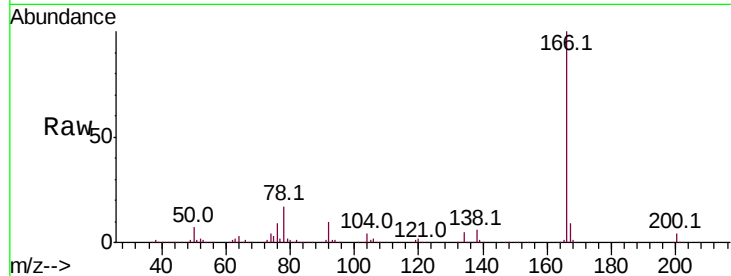
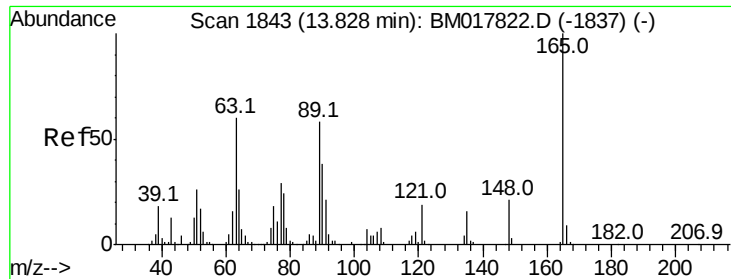
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

2,6-Dinitrotoluene

Concen: 1.246 ng/ul

RT: 13.66 min Scan# 1814

Delta R.T. -0.17 min

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ClientSampleId :

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Tot Ion:165 Resp: 10437

Ion Ratio Lower Upper

165 100

89 0.0 48.0 72.0#

121 31.0 17.0 25.6#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

