

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\  
 Data File : BM013007.D  
 Acq On : 17 Nov 2017 19:39  
 Operator : SJ/JU  
 Sample : I6451-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE2W8

Quant Time: Nov 17 23:32:38 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 17 23:30:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 186302   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 803356   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.36 | 164  | 481548   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.10 | 188  | 1171179  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.29 | 240  | 1321060  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.52 | 264  | 1229659  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96   | 28464    | 7.08  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.89  | 99   | 103950   | 6.44  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67   | 306013   | 33.42 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.25  | 132  | 333620   | 25.87 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.42  | 113  | 209361   | 15.84 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.87  | 128  | 213221   | 37.24 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.59  | 143  | 222969   | 40.94 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165  | 393737   | 28.48 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.63 | 131  | 797      | 0.06  | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.77 | 166  | 1535415  | 36.35 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.05 | 160  | 1818443  | 33.79 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.55 | 143  | 44567    | 6.96  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.36 | 176  | 1301105  | 36.25 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200  | 196661   | 38.73 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.20 | 188  | 2116769  | 35.30 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.50 | 212  | 2377470  | 35.23 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.39 | 264  | 2314804  | 37.12 | ng/ul | 0.00     |

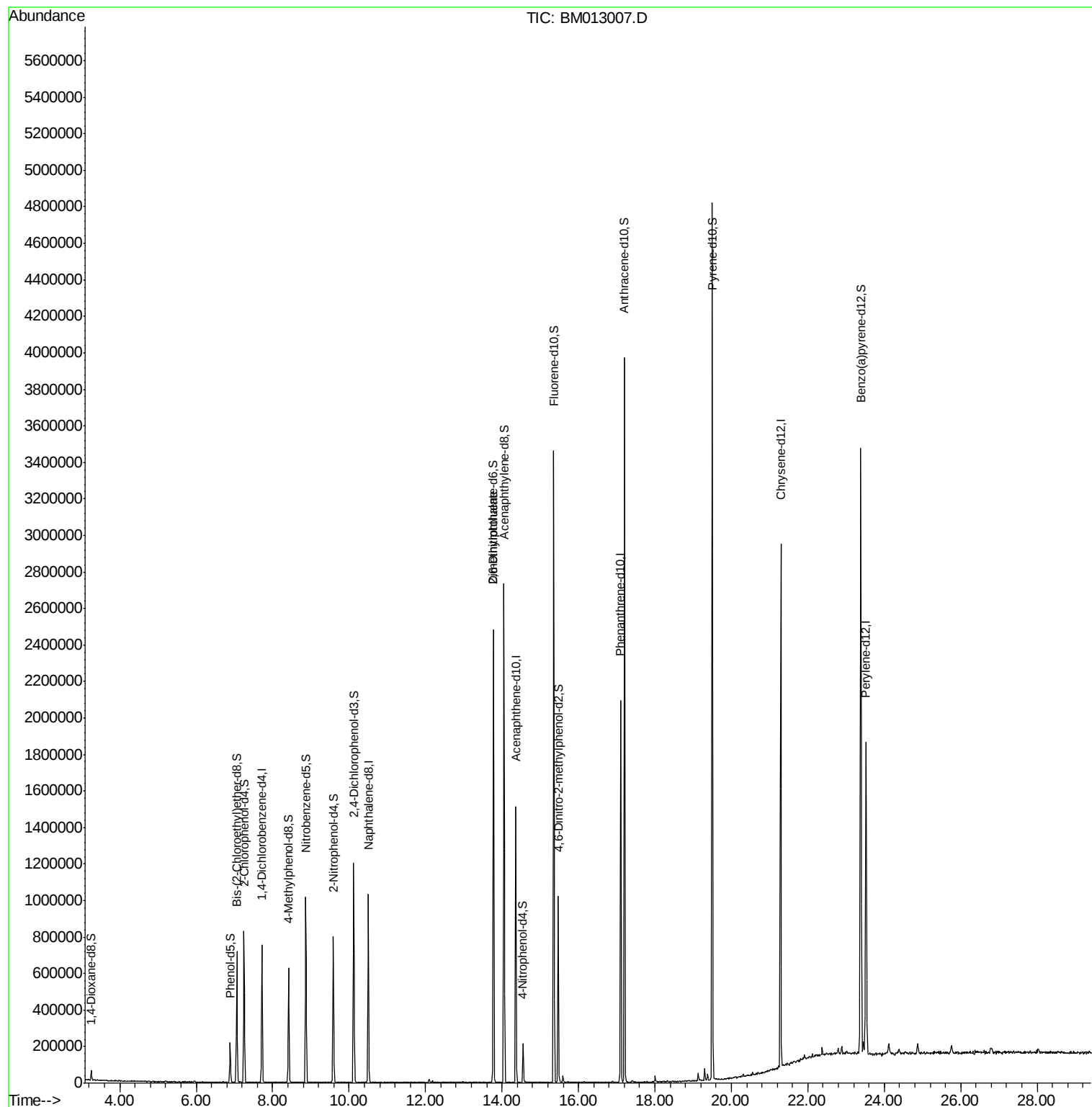
| Target Compounds       | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|------------------------|-------|------|----------|------|--------|--------|
| 45) 2,6-Dinitrotoluene | 13.78 | 165  | 8464     | 1.37 | ng/ul# | 23     |

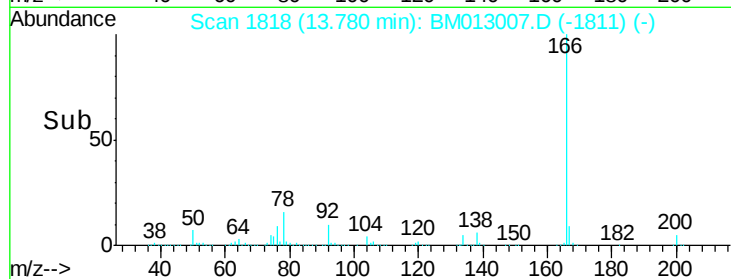
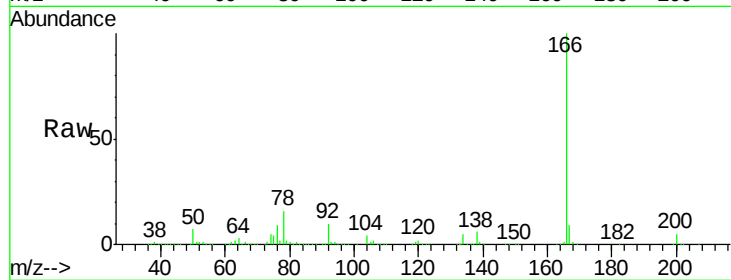
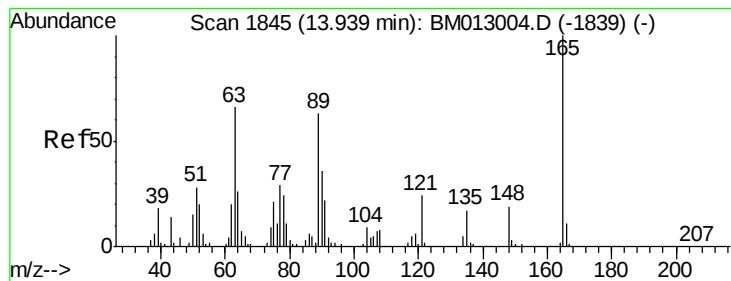
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

2,6-Dinitrotoluene

Concen: 1.37 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.16 min

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Tot Ion:165 Resp: 8464

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 42.7 14.6 22.0#

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

