

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\  
 Data File : BM012173.D  
 Acq On : 14 Oct 2017 16:50  
 Operator : SJ/JU  
 Sample : PB103278BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK78

Quant Time: Oct 15 05:26:19 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Oct 15 05:22:07 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 133634   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 602468   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 406483   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.21 | 188  | 1033199  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.39 | 240  | 1195900  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.70 | 264  | 1278505  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96   | 15473    | 5.50  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.98  | 99   | 295445   | 27.25 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.14  | 67   | 196823   | 30.27 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.35  | 132  | 272716   | 29.65 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.53  | 113  | 277475   | 29.72 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.98  | 128  | 137715   | 29.95 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.70  | 143  | 165370   | 30.78 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.25 | 165  | 281074   | 27.40 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.76 | 131  | 385361   | 40.15 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.87 | 166  | 1236716  | 34.42 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.16 | 160  | 1346241  | 30.96 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.69 | 143  | 129738   | 24.02 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.46 | 176  | 954204   | 32.36 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.60 | 200  | 177378   | 25.01 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.31 | 188  | 1631893  | 31.94 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.60 | 212  | 1937525  | 31.92 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.56 | 264  | 2017284  | 32.73 | ng/ul | 0.00     |

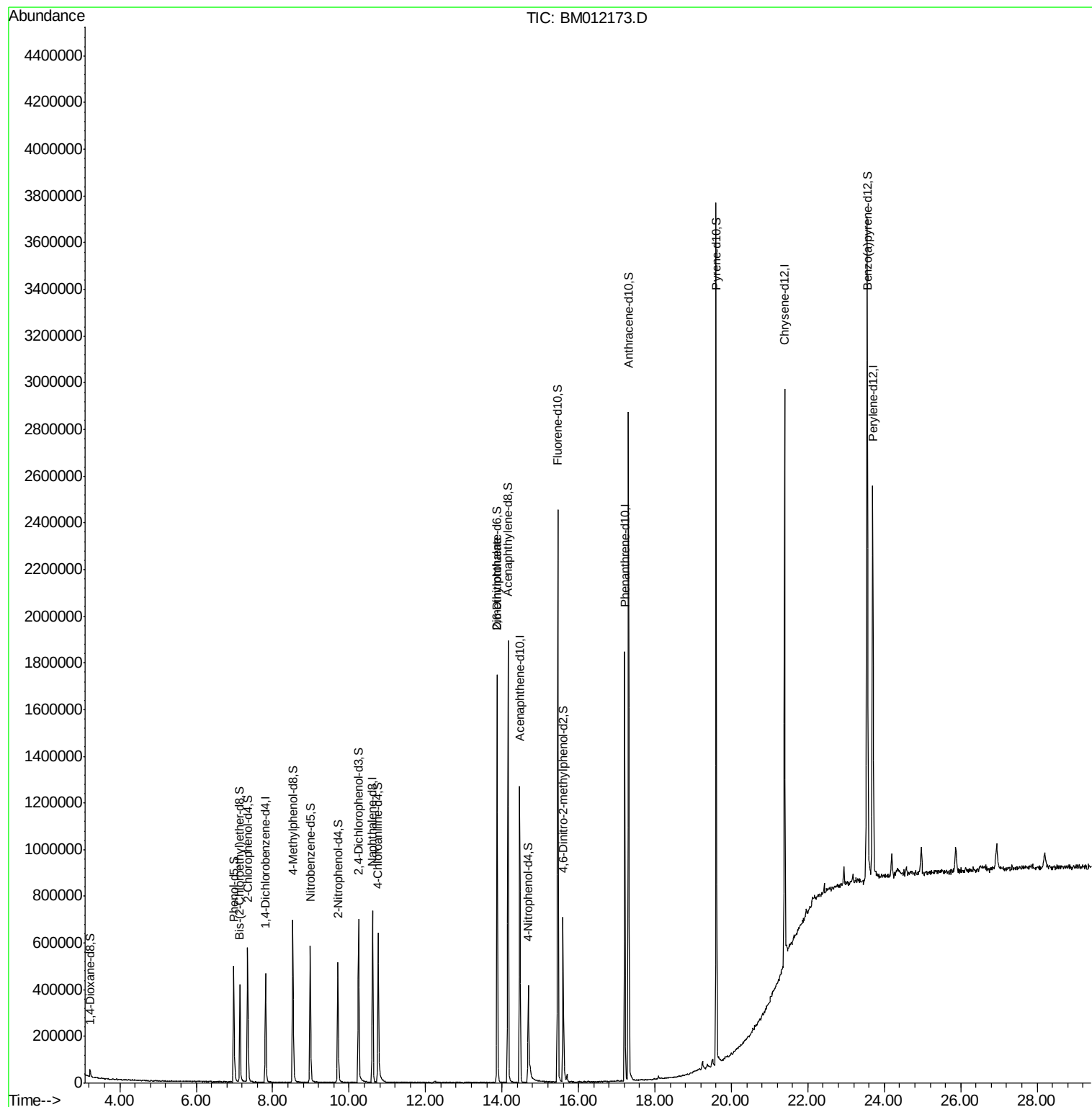
| Target Compounds       | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|------------------------|-------|------|----------|------|--------|--------|
| 45) 2,6-Dinitrotoluene | 13.87 | 165  | 7845     | 1.10 | ng/ul# | 28     |

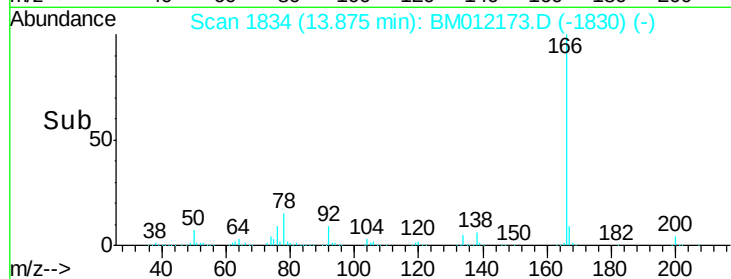
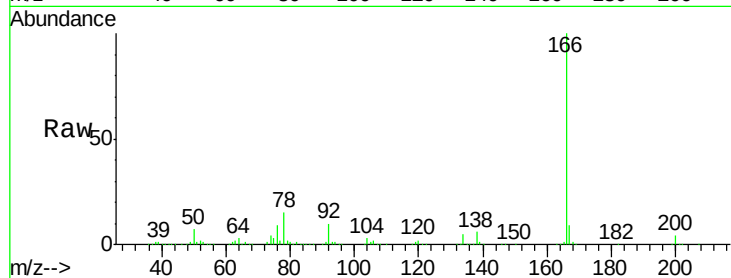
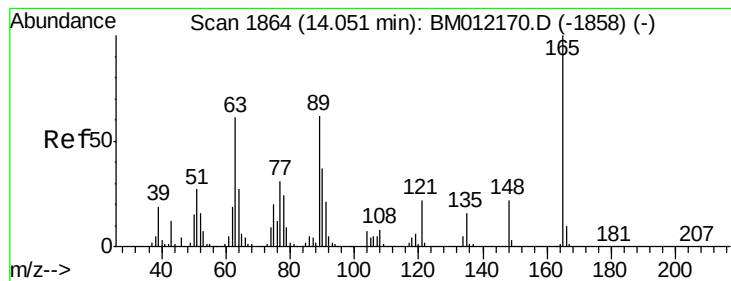
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

2,6-Dinitrotoluene

Concen: 1.10 ng/ul

RT: 13.87 min Scan# 1834

Delta R.T. -0.18 min

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Tot Ion:165 Resp: 7845

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 32.0 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

