

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\  
 Data File : BM024177.D  
 Acq On : 19 Dec 2019 16:59  
 Operator : JU  
 Sample : PB125361BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 20 03:36:24 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 17 15:54:50 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 275219   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.20 | 136  | 1198135  | 20.00 | ng/ul | -0.02    |
| 36) Acenaphthene-d10      | 14.10 | 164  | 755754   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 16.86 | 188  | 1585737  | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.07 | 240  | 1490195  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.20 | 264  | 1809111  | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 2.99  | 96   | 46840    | 7.52  | ng/uL | -0.01    |
| 5) Phenol-d5                   | 6.63  | 99   | 781920   | 30.01 | ng/ul | -0.02    |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.79  | 67   | 556601   | 35.61 | ng/ul | -0.01    |
| 9) 2-Chlorophenol-d4           | 6.98  | 132  | 636919   | 34.27 | ng/ul | -0.02    |
| 13) 4-Methylphenol-d8          | 8.16  | 113  | 649446   | 30.49 | ng/ul | -0.01    |
| 19) Nitrobenzene-d5            | 8.59  | 128  | 315890   | 36.69 | ng/ul | -0.01    |
| 22) 2-Nitrophenol-d4           | 9.31  | 143  | 356729   | 37.69 | ng/ul | -0.01    |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165  | 598383   | 32.52 | ng/ul | -0.01    |
| 29) 4-Chloroaniline-d4         | 10.36 | 131  | 898534   | 40.20 | ng/ul | -0.02    |
| 44) Dimethylphthalate-d6       | 13.53 | 166  | 2129988  | 38.11 | ng/ul | -0.01    |
| 47) Acenaphthylene-d8          | 13.79 | 160  | 2482580  | 37.07 | ng/ul | -0.01    |
| 52) 4-Nitrophenol-d4           | 14.35 | 143  | 258137   | 25.73 | ng/ul | -0.01    |
| 58) Fluorene-d10               | 15.10 | 176  | 1812135  | 36.99 | ng/ul | -0.01    |
| 63) 4,6-Dinitro-2-methylphenol | 15.26 | 200  | 287602   | 29.73 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 16.96 | 188  | 2695475  | 37.36 | ng/ul | -0.01    |
| 79) Pyrene-d10                 | 19.27 | 212  | 2899391  | 40.85 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.07 | 264  | 3404874  | 37.89 | ng/ul | 0.00     |

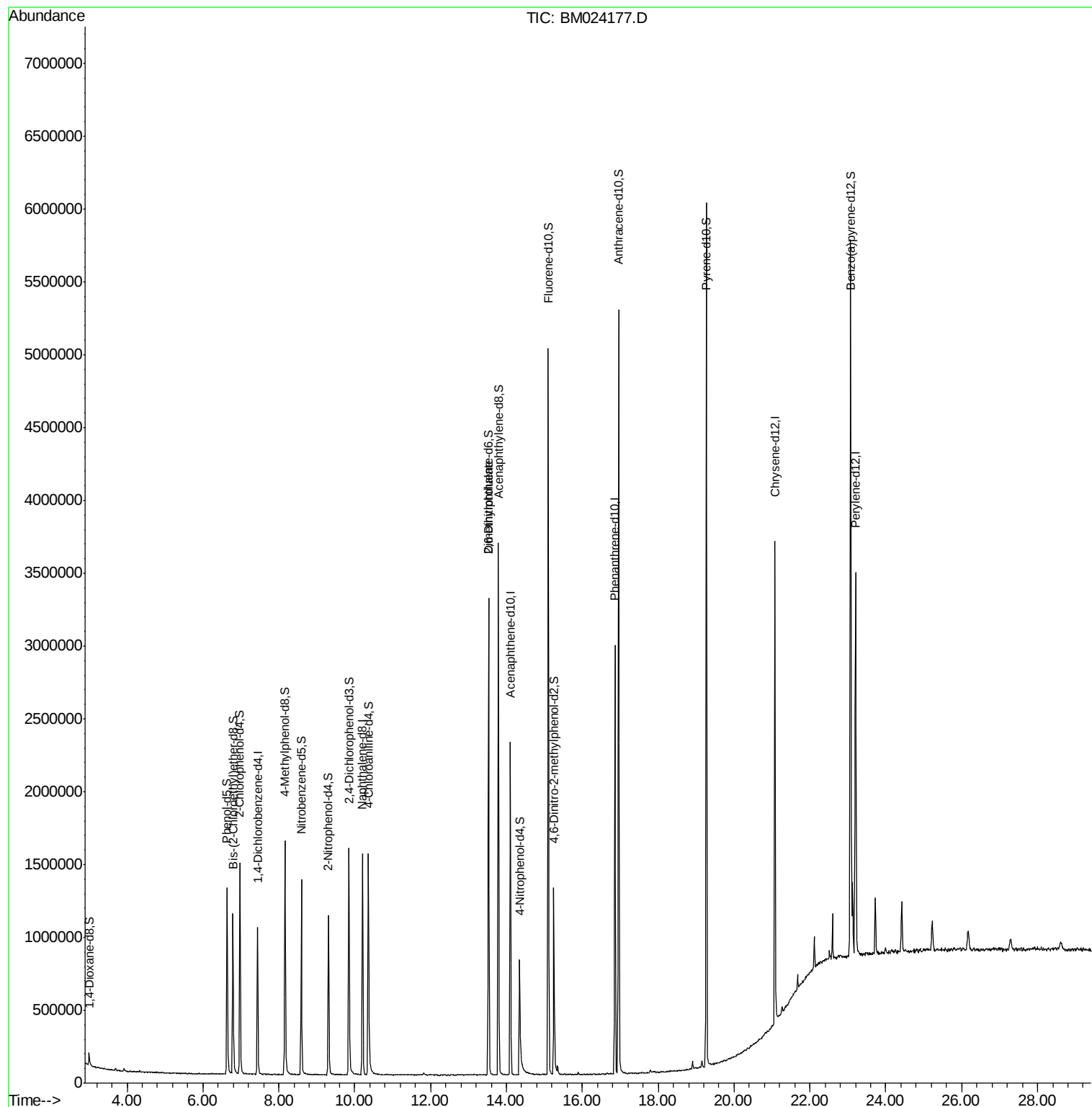
| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 46) 2,6-Dinitrotoluene | 13.53 | 165  | 13960    | 1.220 | ng/ul# | 39     |

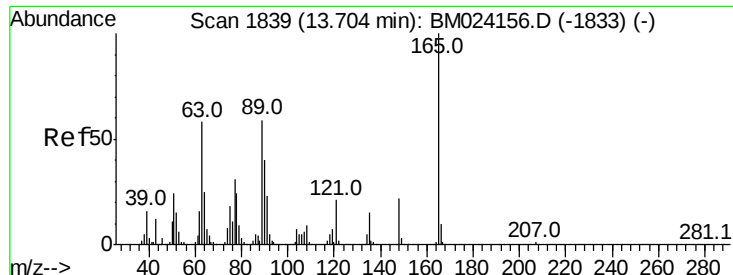
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46  
 2,6-Dinitrotoluene  
 Concen: 1.220 ng/ul  
 RT: 13.53 min Scan# 1810  
 Delta R.T. -0.18 min  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 0.0   | 47.0  | 70.4# |
| 121     | 27.7  | 17.1  | 25.7# |

