

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\  
 Data File : BM013028.D  
 Acq On : 18 Nov 2017 08:04  
 Operator : SJ/JU  
 Sample : I6405-10  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 20 00:30:00 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Nov 18 03:21:50 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 165652   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 658161   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.36 | 164  | 382752   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.10 | 188  | 890947   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.29 | 240  | 1002868  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.52 | 264  | 1006607  | 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   | 23204    | 6.49  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.89  | 99   | 109045   | 7.60  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67   | 273738   | 33.62 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.25  | 132  | 314797   | 27.45 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.42  | 113  | 199069   | 16.94 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.87  | 128  | 190570   | 40.63 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.58  | 143  | 193425   | 43.35 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165  | 353524   | 31.21 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.63 | 131  | 488      | 0.04  | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.77 | 166  | 1215864  | 36.21 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.05 | 160  | 1499511  | 35.05 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.55 | 143  | 39425    | 7.74  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.35 | 176  | 1028937  | 36.06 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200  | 148948   | 38.56 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.20 | 188  | 1613948  | 35.38 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.49 | 212  | 1831375  | 35.75 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.38 | 264  | 1925777  | 37.73 | ng/ul | 0.00     |

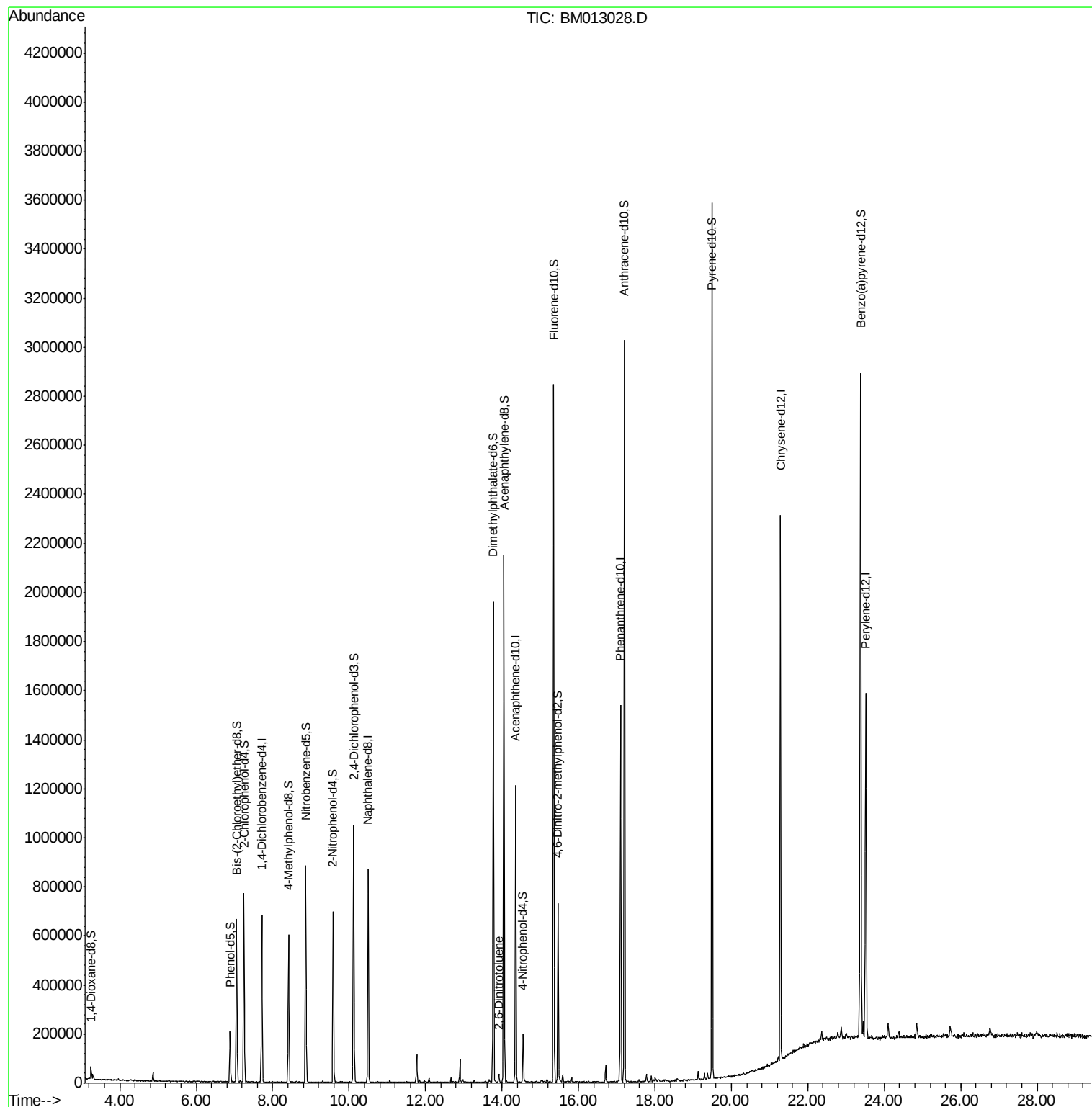
| Target Compounds       | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|------------------------|-------|------|----------|------|--------|--------|
| 45) 2,6-Dinitrotoluene | 13.92 | 165  | 6498     | 1.33 | ng/ul# | 26     |

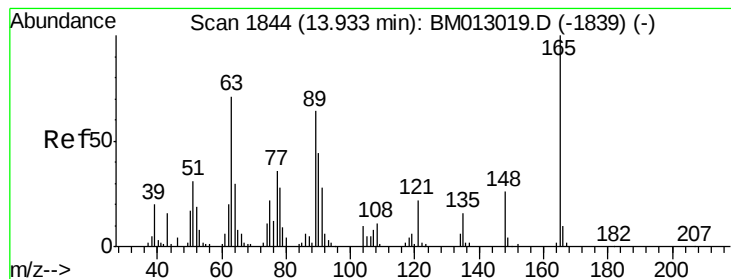
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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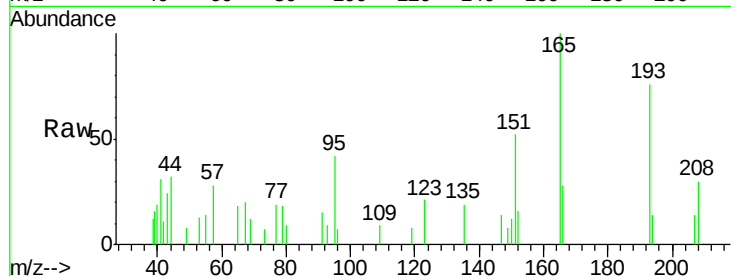




#45  
 2,6-Dinitrotoluene  
 Concen: 1.33 ng/ul  
 RT: 13.92 min Scan# 1841  
 Delta R.T. -0.02 min  
 Lab File: BM013028.D  
 Acq: 18 Nov 2017 08:04

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| Tot Ion   | 165  | Resp | 6498 |
|-----------|------|------|------|
| Ion Ratio | 100  |      |      |
| Lower     | 52.6 |      |      |
| Upper     | 79.0 |      |      |
| 89        | 0.0  |      |      |
| 121       | 0.0  |      |      |
| 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

