

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
 Data File : BM023438.D  
 Acq On : 29 Oct 2019 12:21  
 Operator : JU  
 Sample : K5423-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 29 18:04:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 25 07:44:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 390133   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.40 | 136  | 1579818  | 20.00 | ng/ul | -0.02    |
| 36) Acenaphthene-d10      | 14.27 | 164  | 956191   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.02 | 188  | 1928481  | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.22 | 240  | 1960015  | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.41 | 264  | 2282028  | 20.00 | ng/ul | -0.02    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96   | 54376    | 6.62  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.80  | 99   | 241996   | 7.39  | ng/ul | -0.01    |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67   | 542434   | 28.24 | ng/ul | -0.02    |
| 9) 2-Chlorophenol-d4           | 7.16  | 132  | 604246   | 23.59 | ng/ul | -0.01    |
| 13) 4-Methylphenol-d8          | 8.33  | 113  | 406383   | 15.27 | ng/ul | -0.02    |
| 19) Nitrobenzene-d5            | 8.77  | 128  | 353335   | 29.71 | ng/ul | -0.02    |
| 22) 2-Nitrophenol-d4           | 9.49  | 143  | 383759   | 29.08 | ng/ul | -0.02    |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165  | 647617   | 24.97 | ng/ul | -0.01    |
| 29) 4-Chloroaniline-d4         | 10.55 | 131  | 4774     | 0.16  | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.69 | 166  | 2293962  | 31.59 | ng/ul | -0.01    |
| 47) Acenaphthylene-d8          | 13.96 | 160  | 2543615  | 30.58 | ng/ul | -0.02    |
| 52) 4-Nitrophenol-d4           | 14.49 | 143  | 83026    | 6.60  | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.27 | 176  | 1998775  | 32.50 | ng/ul | -0.02    |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200  | 304924   | 25.40 | ng/ul | -0.01    |
| 71) Anthracene-d10             | 17.12 | 188  | 3377668  | 37.06 | ng/ul | -0.02    |
| 79) Pyrene-d10                 | 19.42 | 212  | 3732347  | 34.63 | ng/ul | -0.01    |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264  | 4329303  | 37.24 | ng/ul | -0.01    |

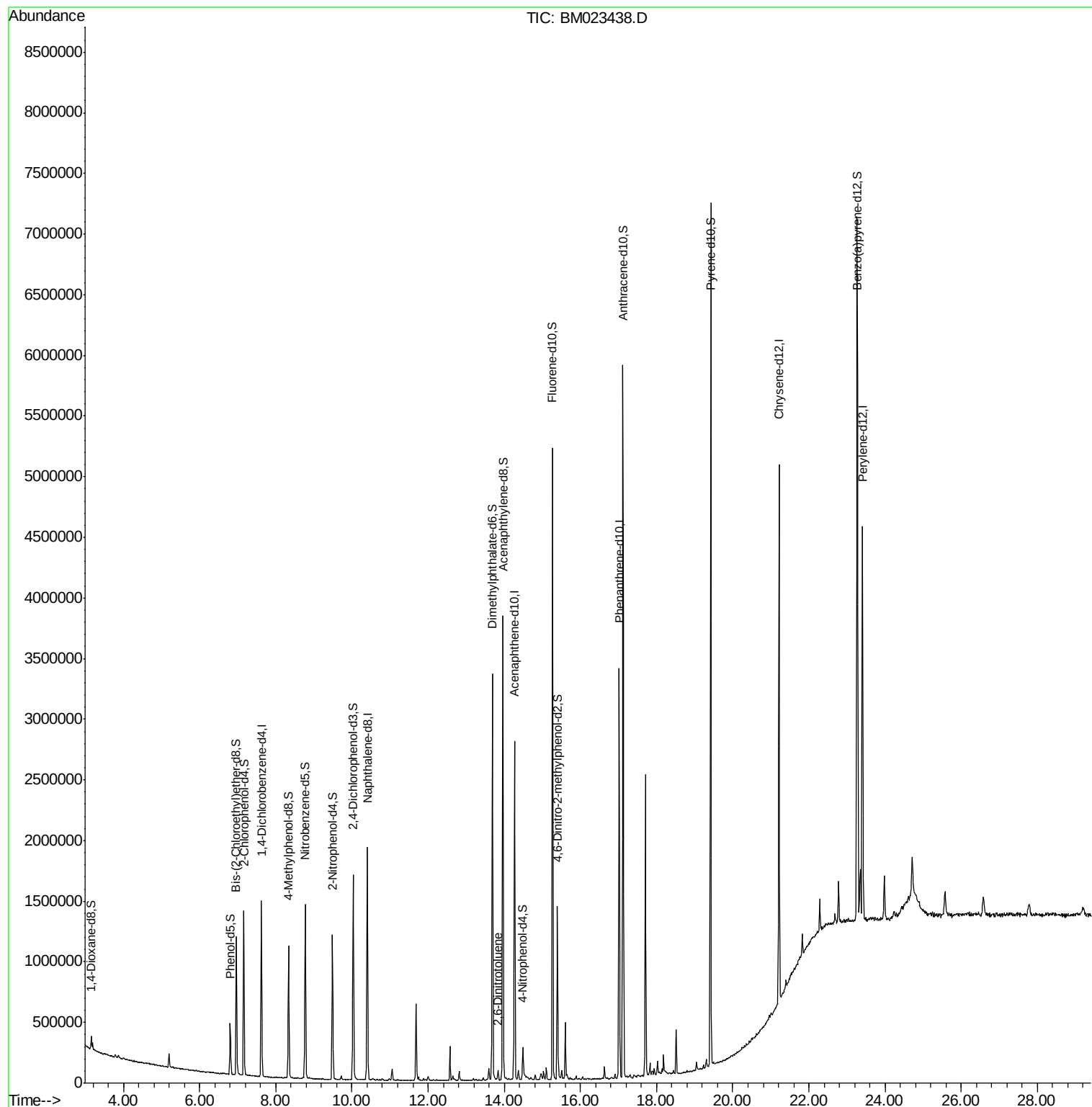
| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 46) 2,6-Dinitrotoluene | 13.84 | 165  | 14688    | 1.017 | ng/ul# | 37     |

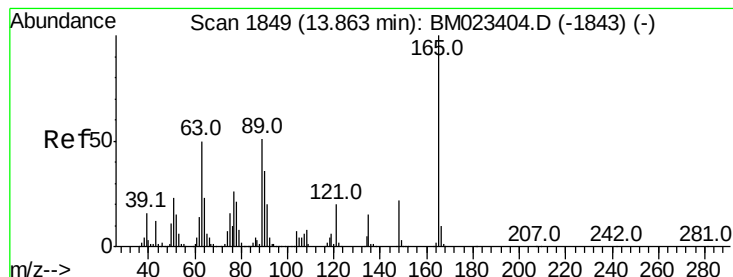
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

2,6-Dinitrotoluene

Concen: 1.017 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BM023438.D

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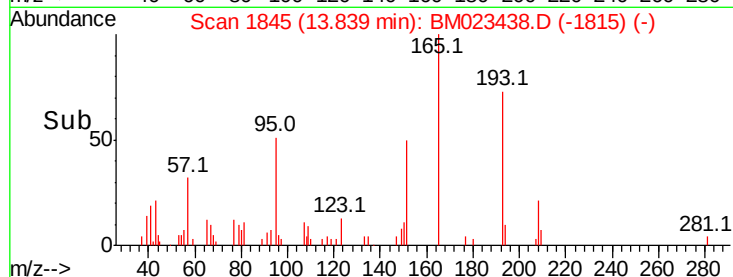
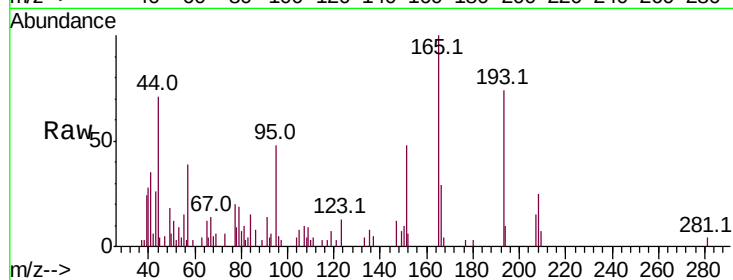
Tot Ion:165 Resp: 14688

Ion Ratio Lower Upper

165 100

89 2.8 44.3 66.5#

121 3.3 16.4 24.6#



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

