

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM043016\  
 Data File : BM005175.D  
 Acq On : 30 Apr 2016 15:58  
 Operator : UM/SJ  
 Sample : H2782-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC4

Quant Time: May 01 04:15:46 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM042516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun May 01 04:14:40 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 35778    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 168861   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.43 | 164  | 105548   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.17 | 188  | 228553   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 212397   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.64 | 264  | 196793   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96   | 701      | 1.00  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.96  | 99   | 16738    | 5.66  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67   | 52911    | 31.42 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.32  | 132  | 55767    | 23.82 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.49  | 113  | 35754    | 14.25 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.94  | 128  | 36817    | 31.48 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.66  | 143  | 40627    | 31.14 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165  | 69710    | 28.12 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.73 | 131  | 568      | 0.20  | ng/ul | 0.01     |
| 43) Dimethylphthalate-d6       | 13.83 | 166  | 264322   | 31.71 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.12 | 160  | 316025   | 31.84 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.64 | 143  | 4273     | 2.93  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.42 | 176  | 227537   | 31.06 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200  | 30793    | 23.69 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.27 | 188  | 336907   | 32.87 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.57 | 212  | 342636   | 35.44 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.50 | 264  | 287586   | 32.62 | ng/ul | 0.00     |

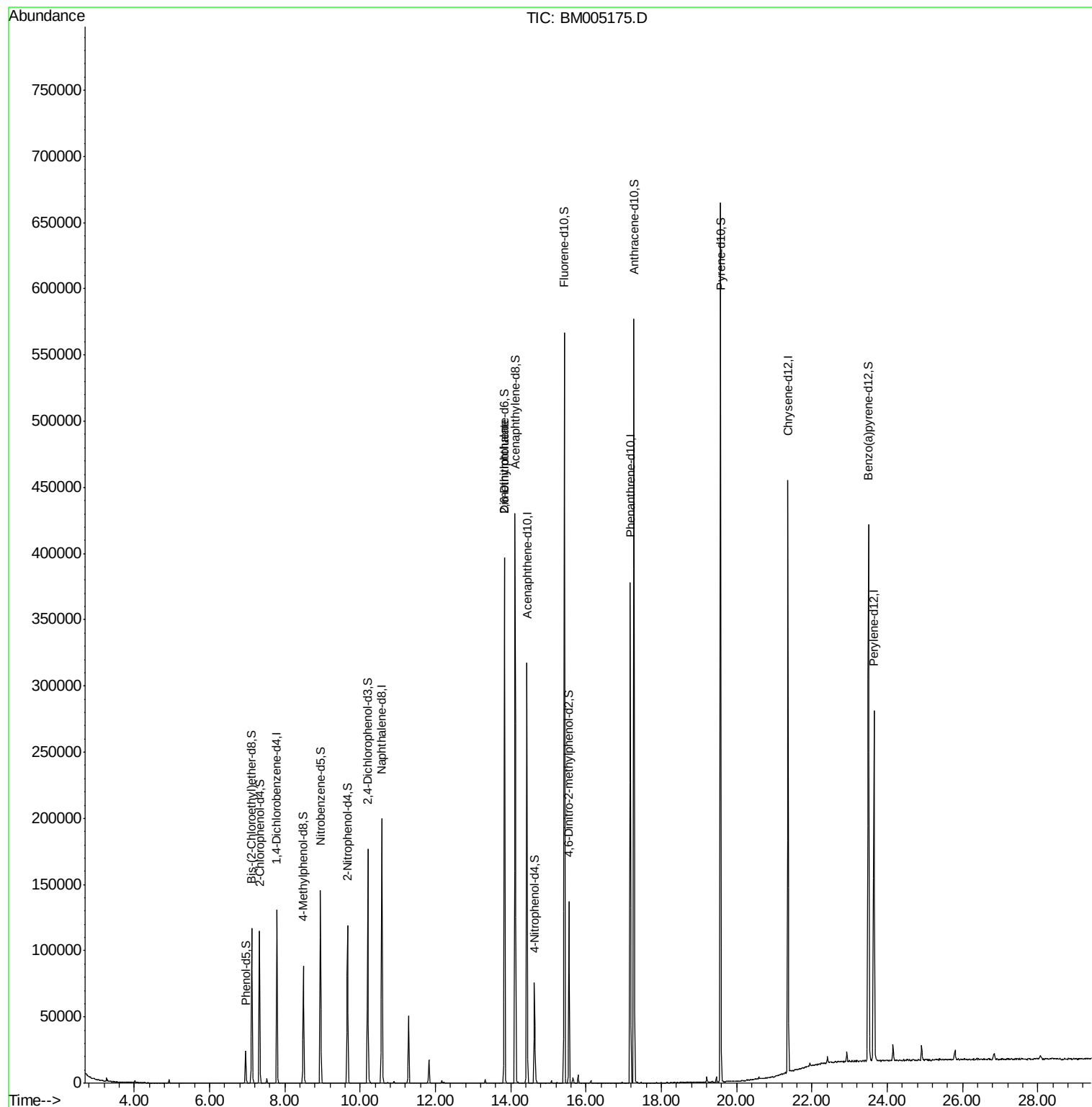
| Target Compounds       | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|------------------------|-------|------|----------|------|--------|--------|
| 45) 2,6-Dinitrotoluene | 13.84 | 165  | 1757     | 1.09 | ng/ul# | 41     |

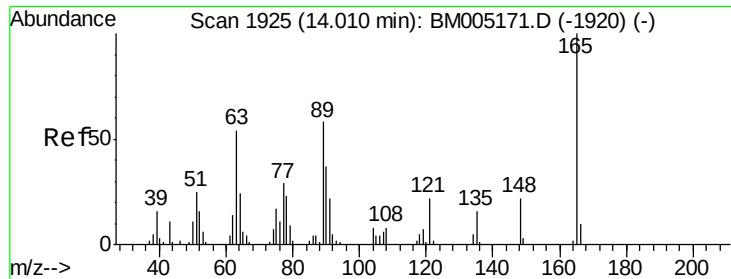
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

2,6-Dinitrotoluene

Concen: 1.09 ng/ul

RT: 13.84 min Scan# 1896

Delta R.T. -0.17 min

Lab File: BM005175.D

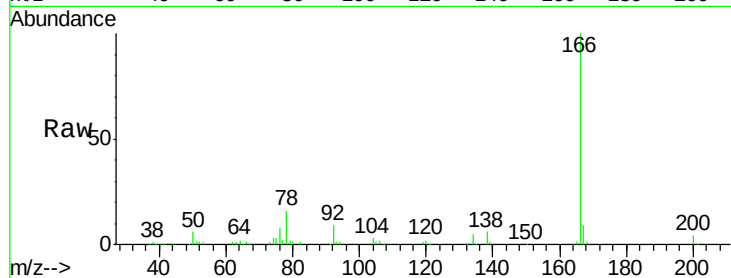
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 1757  |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 89        | 0.0   | 43.1  | 64.7# |
| 121       | 26.4  | 16.0  | 24.0# |

