

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM020915\  
 Data File : BM000467.D  
 Acq On : 10 Feb 2015 20:56  
 Operator : TP/IZ  
 Sample : G1249-18  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FN1

Quant Time: Feb 11 04:12:37 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM020615.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 11 04:03:52 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 103580   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.51 | 136  | 422451   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.37 | 164  | 262446   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.12 | 188  | 579942   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.31 | 240  | 610236   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.56 | 264  | 578402   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96   | 0        | 0.00  | ng/uL |          |
| 5) Phenol-d5                   | 6.89  | 99   | 39661    | 5.77  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67   | 105003   | 24.81 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.26  | 132  | 119853   | 20.03 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.43  | 113  | 72650    | 12.74 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.88  | 128  | 68268    | 25.80 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.60  | 143  | 75963    | 25.39 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165  | 142505   | 22.11 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.65 | 131  | 19255    | 3.25  | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.78 | 166  | 498641   | 27.57 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.06 | 160  | 614464   | 24.87 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.57 | 143  | 10913    | 3.69  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.37 | 176  | 451731   | 24.82 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.49 | 200  | 64297    | 20.95 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.22 | 188  | 677414   | 25.68 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.52 | 212  | 758873   | 26.38 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.41 | 264  | 551453   | 21.35 | ng/ul | 0.00     |

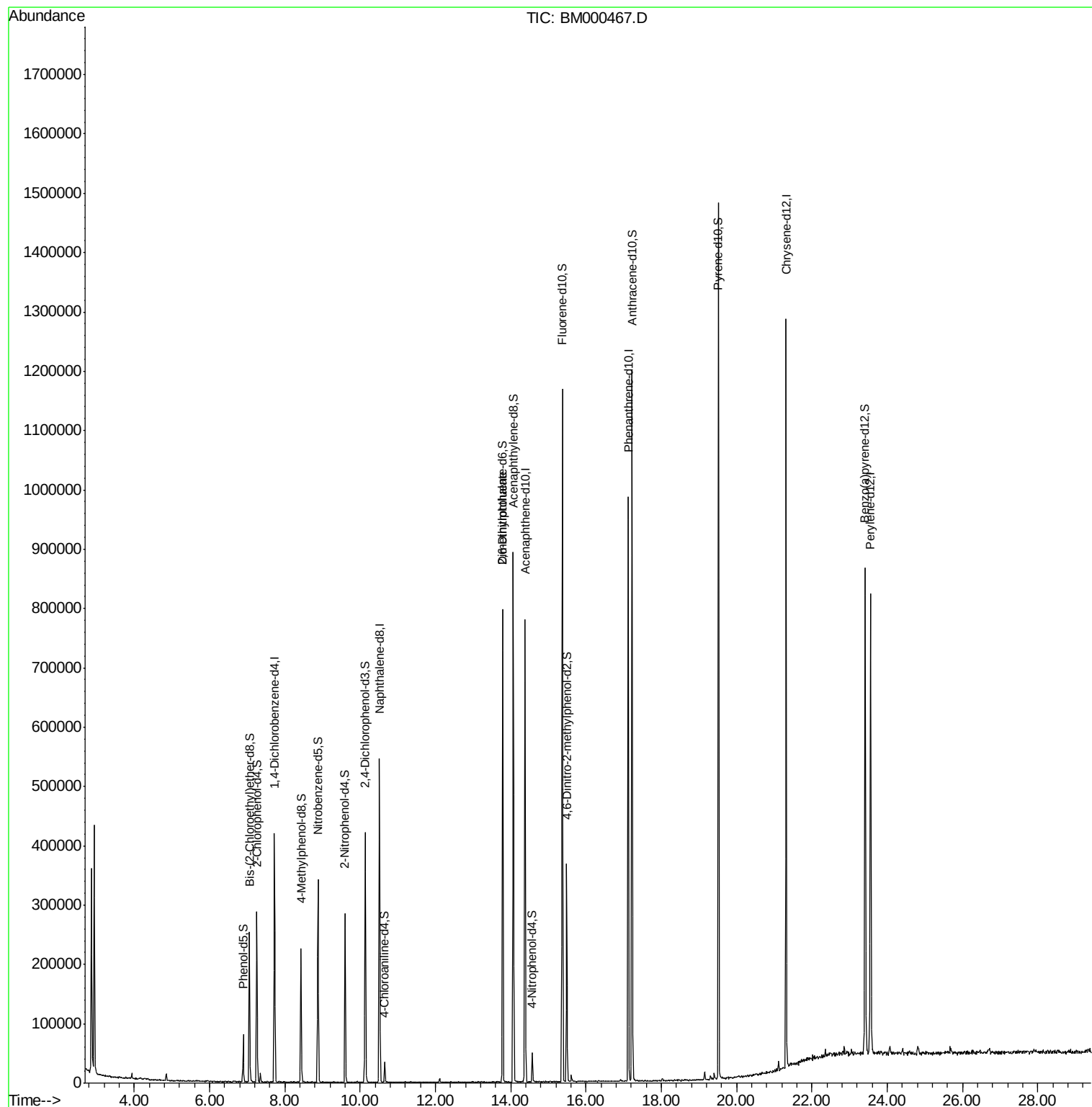
| Target Compounds       | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|------------------------|-------|------|----------|------|--------|--------|
| 45) 2,6-Dinitrotoluene | 13.78 | 165  | 3805     | 1.08 | ng/ul# | 37     |

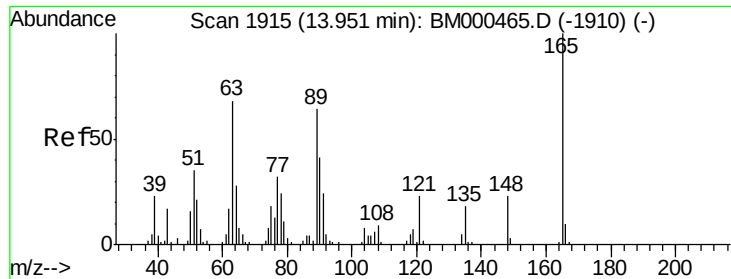
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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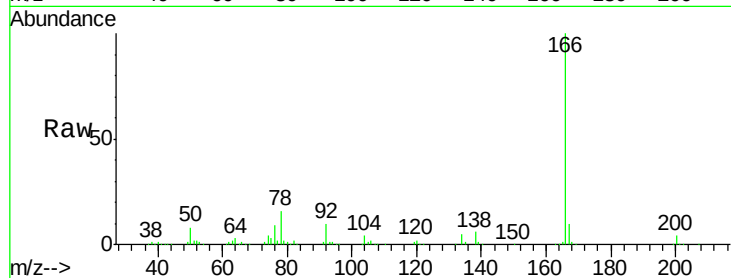




#45  
 2,6-Dinitrotoluene  
 Concen: 1.08 ng/ul  
 RT: 13.78 min Scan# 1886  
 Delta R.T. -0.17 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 0.0   | 50.2  | 75.2# |
| 121     | 26.2  | 17.1  | 25.7# |



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

