

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM092316\  
 Data File : BM007548.D  
 Acq On : 24 Sep 2016 06:01  
 Operator : UM/SJ  
 Sample : H4855-16  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H9018

Quant Time: Sep 24 06:42:17 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM092316.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 24 04:39:16 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.78  | 152  | 209679   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.56 | 136  | 958724   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.41 | 164  | 767995   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.16 | 188  | 1763049  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.34 | 240  | 2498497  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.60 | 264  | 2426187  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 5868    | 1.38  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.96  | 99  | 108873  | 5.85  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 315366  | 31.52 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 334072  | 24.72 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.48  | 113 | 227818  | 14.34 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.94  | 128 | 228144  | 33.29 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.66  | 143 | 271919  | 34.92 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.19 | 165 | 442291  | 28.51 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.72 | 131 | 28873   | 1.77  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.83 | 166 | 1944766 | 34.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.10 | 160 | 2223464 | 34.30 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 46983   | 4.76  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.41 | 176 | 1686781 | 34.43 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 339015  | 31.51 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.26 | 188 | 2847597 | 35.15 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.55 | 212 | 3585886 | 36.17 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.46 | 264 | 3750079 | 34.93 | ng/ul | 0.00 |

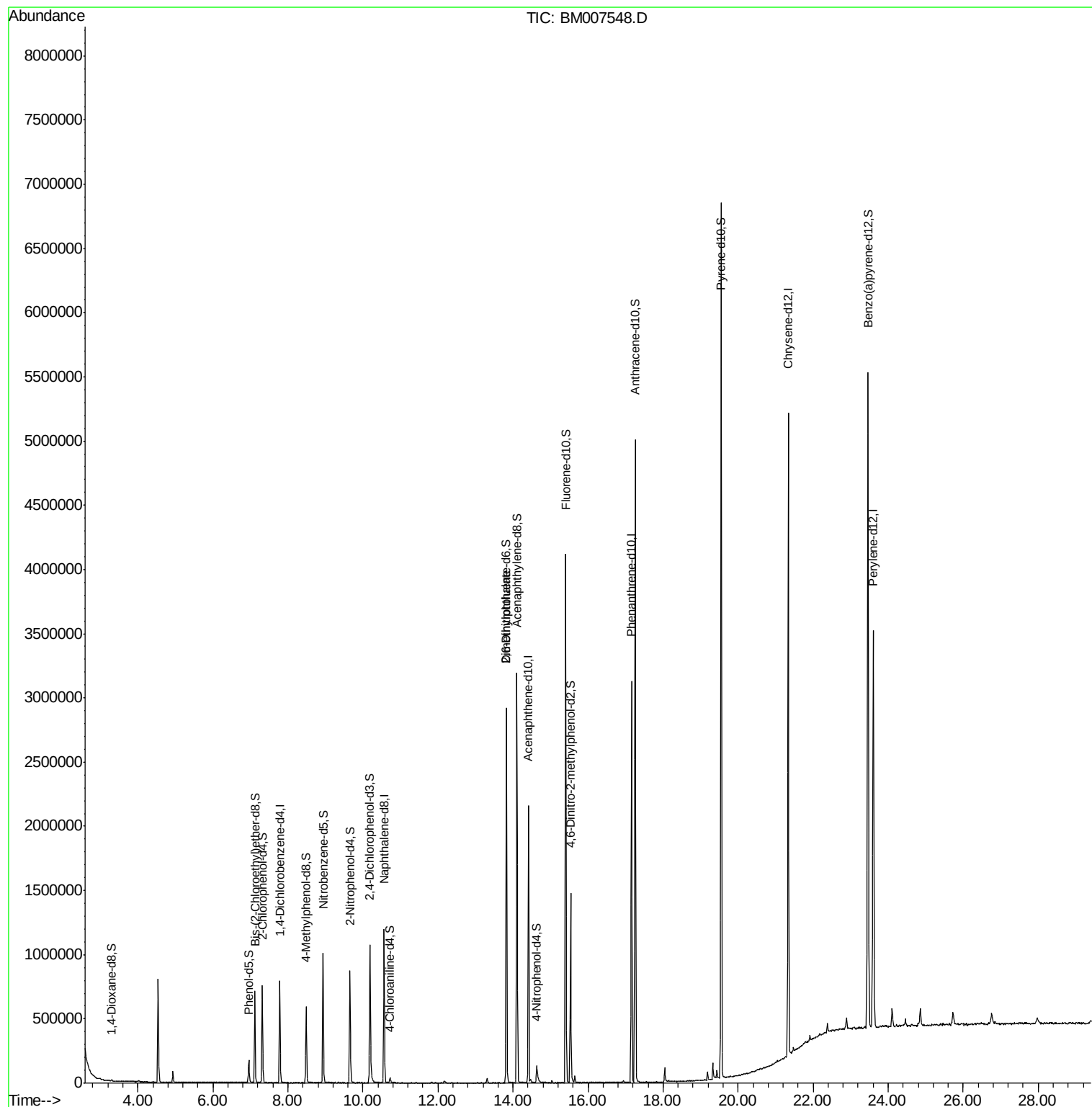
| Target Compounds       |       |     |       |             | Qvalue |
|------------------------|-------|-----|-------|-------------|--------|
| 45) 2,6-Dinitrotoluene | 13.83 | 165 | 11746 | 1.09 ng/ul# | 32     |

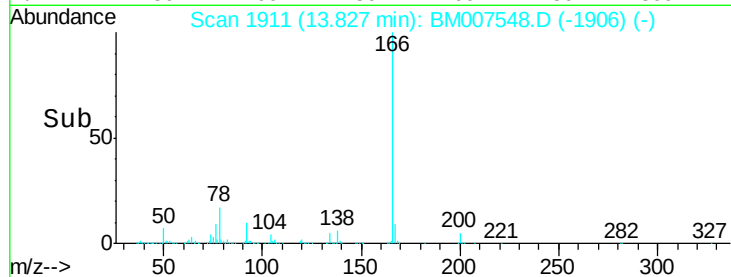
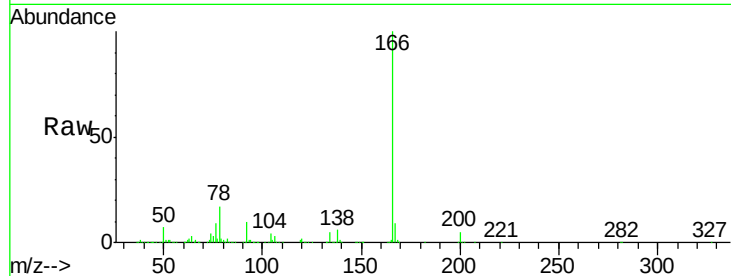
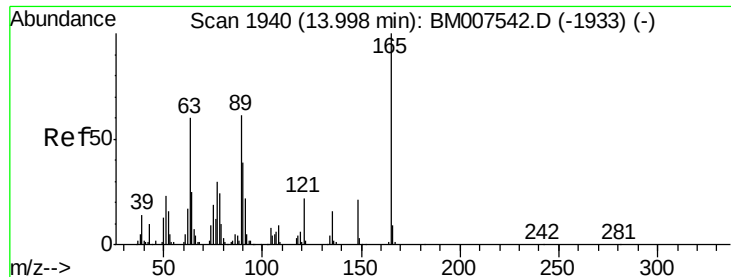
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

2,6-Dinitrotoluene

Concen: 1.09 ng/ul

RT: 13.83 min Scan# 1911

Delta R.T. -0.17 min

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Tgt Ion:165 Resp: 11746

Ion Ratio Lower Upper

165 100

89 0.0 46.6 69.8#

121 38.4 16.0 24.0#

