

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111116\  
 Data File : BM007831.D  
 Acq On : 11 Nov 2016 18:24  
 Operator : UM/SJ  
 Sample : H5612-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F2H10

Quant Time: Nov 12 03:15:45 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM102016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Nov 12 03:12:55 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 170687   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.52 | 136  | 662343   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.37 | 164  | 422044   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.12 | 188  | 854971   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.31 | 240  | 1090416  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.56 | 264  | 1106705  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 6140    | 1.54  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.92  | 99  | 92525   | 7.02  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.08  | 67  | 264092  | 33.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.27  | 132 | 281997  | 27.91 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 175417  | 17.02 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.89  | 128 | 171530  | 35.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 183092  | 36.23 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 310409  | 31.24 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.70 | 131 | 8893    | 0.78  | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 1054055 | 36.68 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.06 | 160 | 1238248 | 35.80 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 21012   | 4.62  | ng/ul | 0.04 |
| 57) Fluorene-d10               | 15.37 | 176 | 913383  | 36.27 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 126532  | 24.91 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.22 | 188 | 1399778 | 36.33 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.52 | 212 | 1668508 | 37.24 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.42 | 264 | 1785030 | 36.94 | ng/ul | 0.00 |

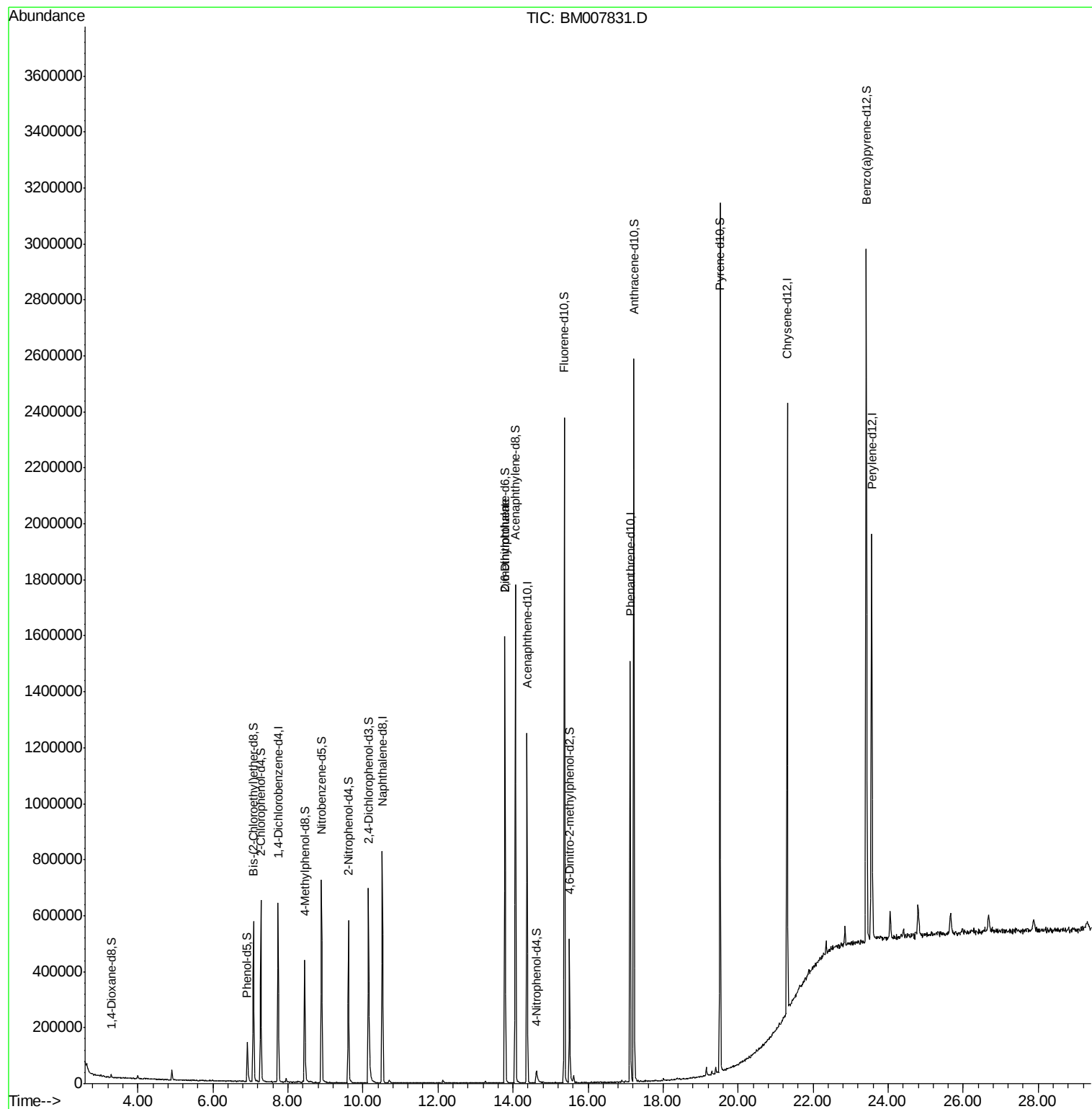
| Target Compounds       |       |     |      |             | Qvalue |
|------------------------|-------|-----|------|-------------|--------|
| 45) 2,6-Dinitrotoluene | 13.79 | 165 | 5484 | 1.04 ng/ul# | 31     |

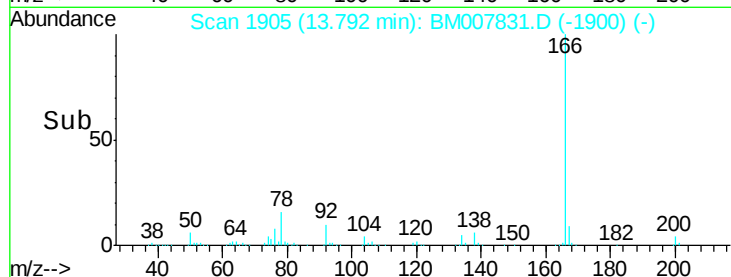
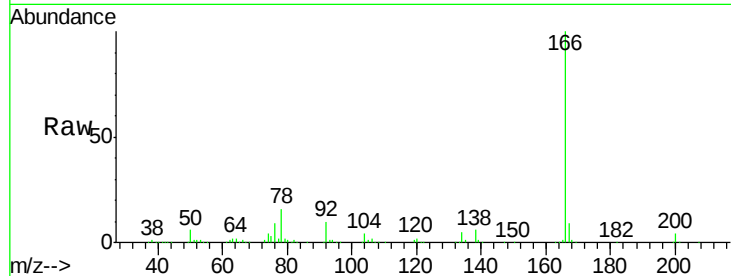
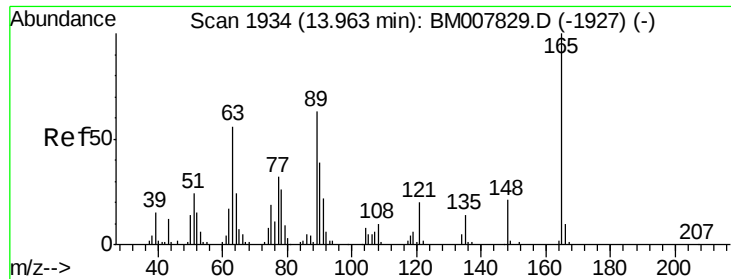
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

2,6-Dinitrotoluene

Concen: 1.04 ng/ul

RT: 13.79 min Scan# 1905

Delta R.T. -0.17 min

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Tgt Ion:165 Resp: 5484

Ion Ratio Lower Upper

165 100

89 0.0 46.6 69.8#

121 38.6 16.0 24.0#

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

