

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\  
 Data File : BM012108.D  
 Acq On : 12 Oct 2017 20:14  
 Operator : SJ/JU  
 Sample : PB103230BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 13 03:07:50 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 13 03:06:26 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 215108   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.63 | 136  | 976696   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.48 | 164  | 618646   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.23 | 188  | 1484215  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.40 | 240  | 1620796  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.72 | 264  | 1596325  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 28815   | 6.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 580019  | 33.23 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 370013  | 35.35 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 510987  | 34.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.54  | 113 | 519015  | 34.54 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 257730  | 34.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.72  | 143 | 316310  | 36.32 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.26 | 165 | 540787  | 32.52 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.77 | 131 | 1328250 | 85.35 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.89 | 166 | 2288020 | 41.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.17 | 160 | 2440014 | 36.87 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 318768  | 38.78 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.47 | 176 | 1802006 | 40.15 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 378232  | 37.13 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.33 | 188 | 3064447 | 41.76 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.62 | 212 | 3572804 | 43.42 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264 | 3231045 | 41.98 | ng/ul | 0.00 |

## Target Compounds

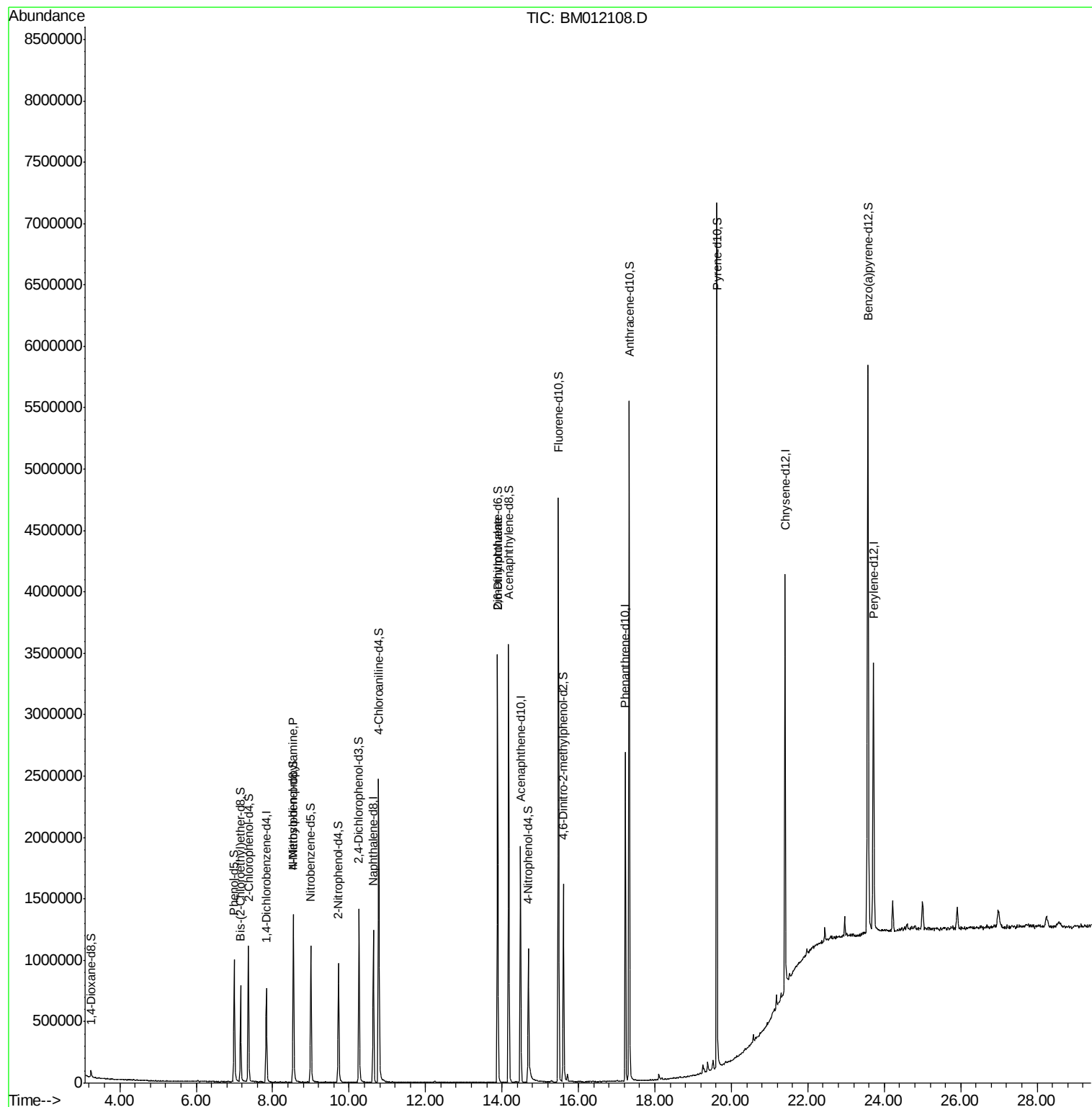
|                                |       |     |       |       | Ovalue |    |
|--------------------------------|-------|-----|-------|-------|--------|----|
| 15) N-Nitroso-di-n-propylamine | 8.54  | 70  | 14592 | 1.192 | ng/ul# | 1  |
| 45) 2,6-Dinitrotoluene         | 13.89 | 165 | 14781 | 1.359 | ng/ul# | 32 |

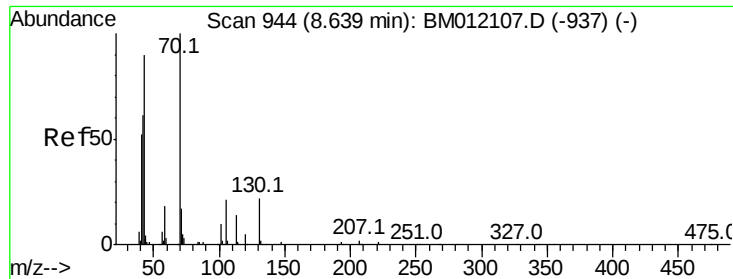
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 1.192 ng/ul

RT: 8.54 min Scan# 927

Delta R.T. -0.10 min

Lab File: BM012108.D

Acq: 12 Oct 2017 20:14

Instrument :

BNA\_M

ClientSampled :

Tot Ion: 70 Resp: 14592

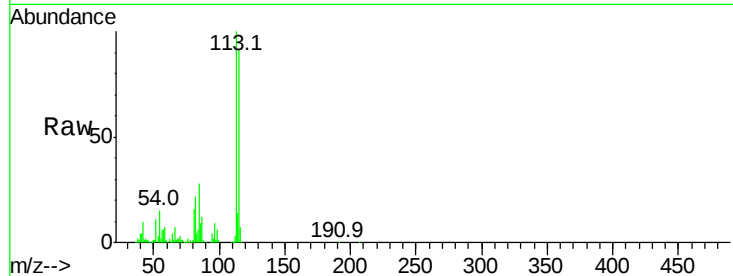
Ion Ratio Lower Upper

70 100

42 376.7 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

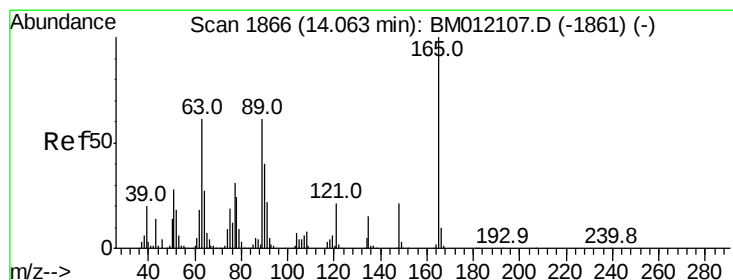
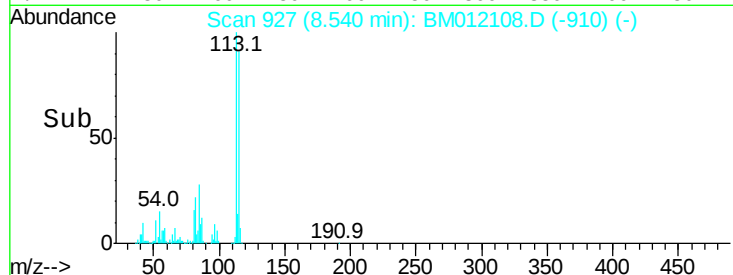
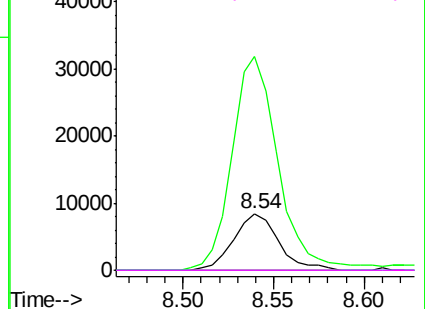


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#45

2,6-Dinitrotoluene

Concen: 1.359 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.17 min

Lab File: BM012108.D

Acq: 12 Oct 2017 20:14

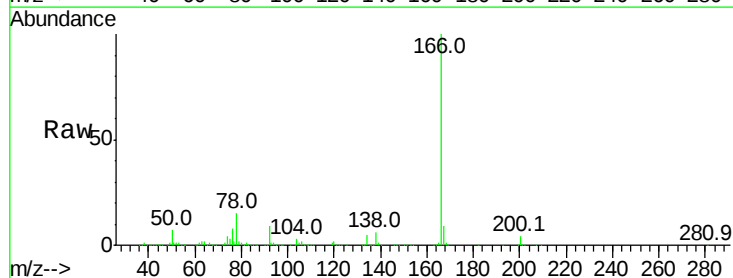
Tgt Ion:165 Resp: 14781

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 23.8 14.6 22.0#



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

