

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\  
 Data File : BM009256.D  
 Acq On : 14 Mar 2017 15:22  
 Operator : SJ/MA  
 Sample : PB97551BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 15 01:53:30 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 01:51:24 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 152960   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 722616   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 529726   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.27 | 188  | 1416516  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.44 | 240  | 2050313  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.78 | 264  | 2073159  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.34  | 96  | 27431   | 7.90  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.03  | 99  | 586708  | 35.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 438561  | 40.69 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.40  | 132 | 388451  | 38.42 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.57  | 113 | 472774  | 35.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.05  | 128 | 218891  | 42.42 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 246638  | 43.06 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 457314  | 37.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.82 | 131 | 671535  | 46.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.93 | 166 | 1945512 | 48.36 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.21 | 160 | 2160451 | 46.70 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.71 | 143 | 328268  | 41.10 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.51 | 176 | 1679370 | 46.78 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 306841  | 36.21 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.36 | 188 | 2950225 | 44.01 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.66 | 212 | 3648081 | 44.08 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.63 | 264 | 4160084 | 43.86 | ng/ul | 0.01 |

## Target Compounds

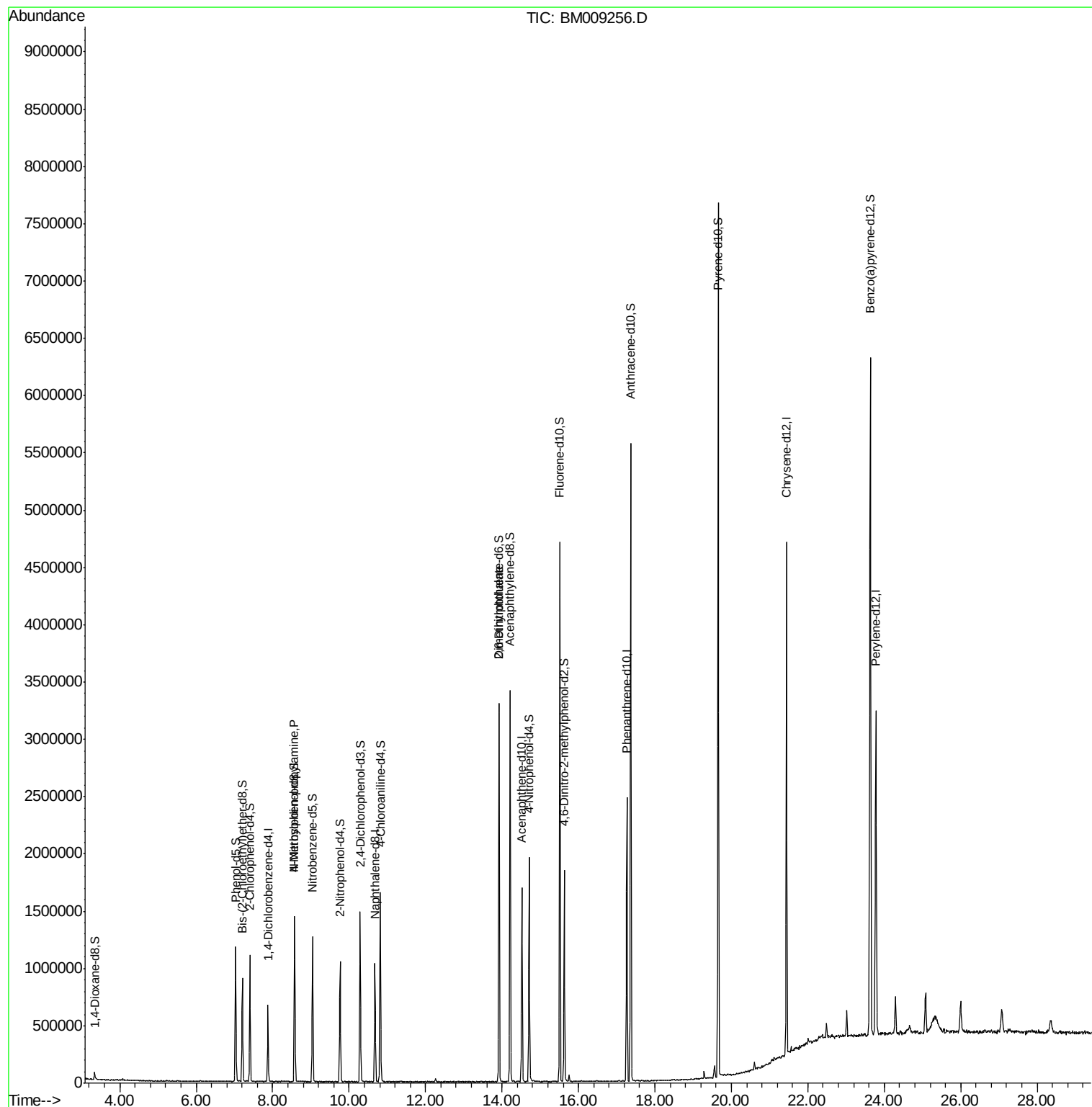
|                                |       |     |       |             | Ovalue |
|--------------------------------|-------|-----|-------|-------------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.57  | 70  | 16019 | 1.18 ng/ul# | 1      |
| 45) 2,6-Dinitrotoluene         | 13.93 | 165 | 12829 | 1.65 ng/ul# | 34     |

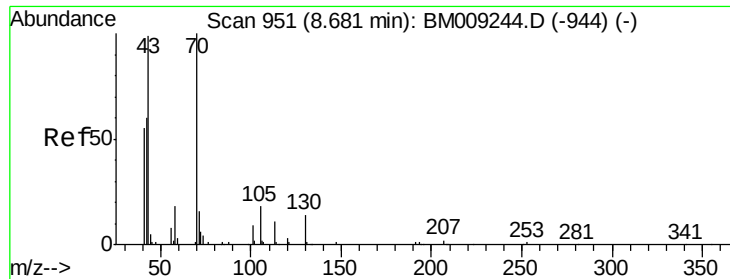
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 15 01:51:24 2017  
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#15

N-Nitroso-di-n-propylamine

Concen: 1.18 ng/ul

RT: 8.57 min Scan# 933

Delta R.T. -0.11 min

Lab File: BM009256.D

Acq: 14 Mar 2017 15:22

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 16019

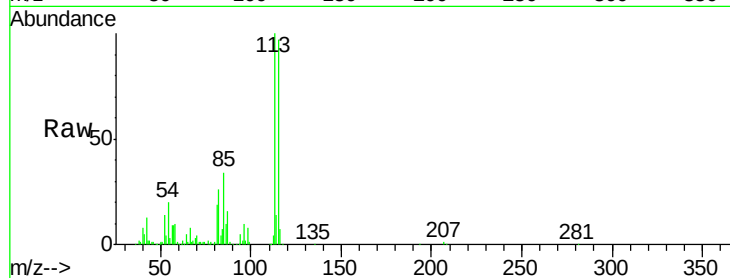
Ion Ratio Lower Upper

70 100

42 368.4 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#

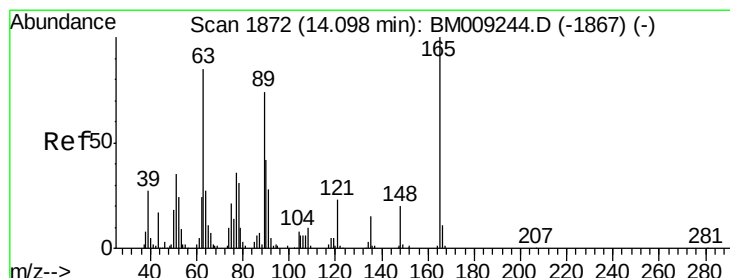
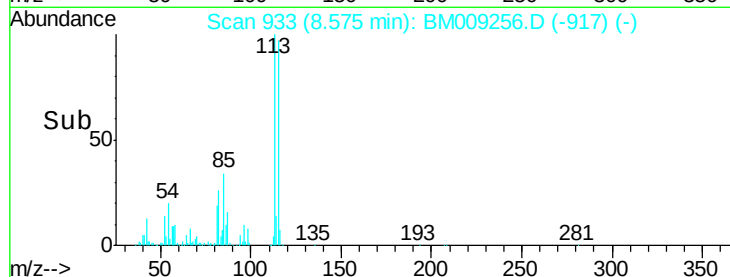
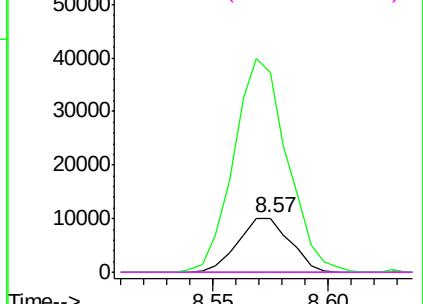


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 1.65 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.17 min

Lab File: BM009256.D

Acq: 14 Mar 2017 15:22

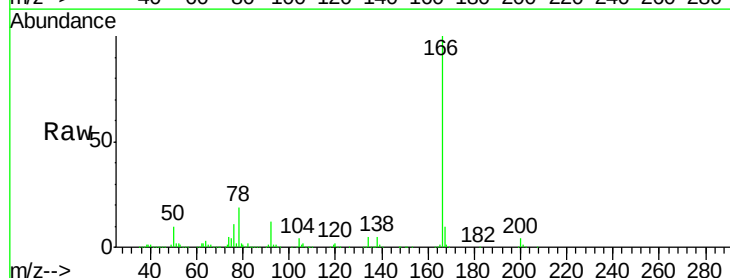
Tgt Ion:165 Resp: 12829

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

121 41.9 16.6 24.8#



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

