

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012915\  
 Data File : BM000394.D  
 Acq On : 29 Jan 2015 20:10  
 Operator : TP/IZ  
 Sample : G1134-20RX  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AB7RX

Quant Time: Jan 30 04:43:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM122914.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 30 04:22:48 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 143645   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.55 | 136  | 622083   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.40 | 164  | 473427   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 1037538  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.34 | 240  | 1111669  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.60 | 264  | 747041   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 60110   | 31.02 | ng/uL | -0.02 |
| 5) Phenol-d5                   | 6.92  | 99  | 62166   | 6.12  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 196002  | 30.52 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.29  | 132 | 207156  | 24.65 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 128828  | 14.75 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.91  | 128 | 128601  | 30.83 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.63  | 143 | 144379  | 32.68 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 280220  | 28.77 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 239     | 0.02  | ng/ul | -0.12 |
| 43) Dimethylphthalate-d6       | 13.81 | 166 | 1167810 | 32.91 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.09 | 160 | 1334302 | 31.84 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.59 | 143 | 25720   | 4.76  | ng/ul | -0.01 |
| 57) Fluorene-d10               | 15.39 | 176 | 1017397 | 32.76 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 164437  | 28.98 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.24 | 188 | 1611326 | 33.50 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.54 | 212 | 1816748 | 31.66 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.45 | 264 | 1099499 | 30.90 | ng/ul | 0.00  |

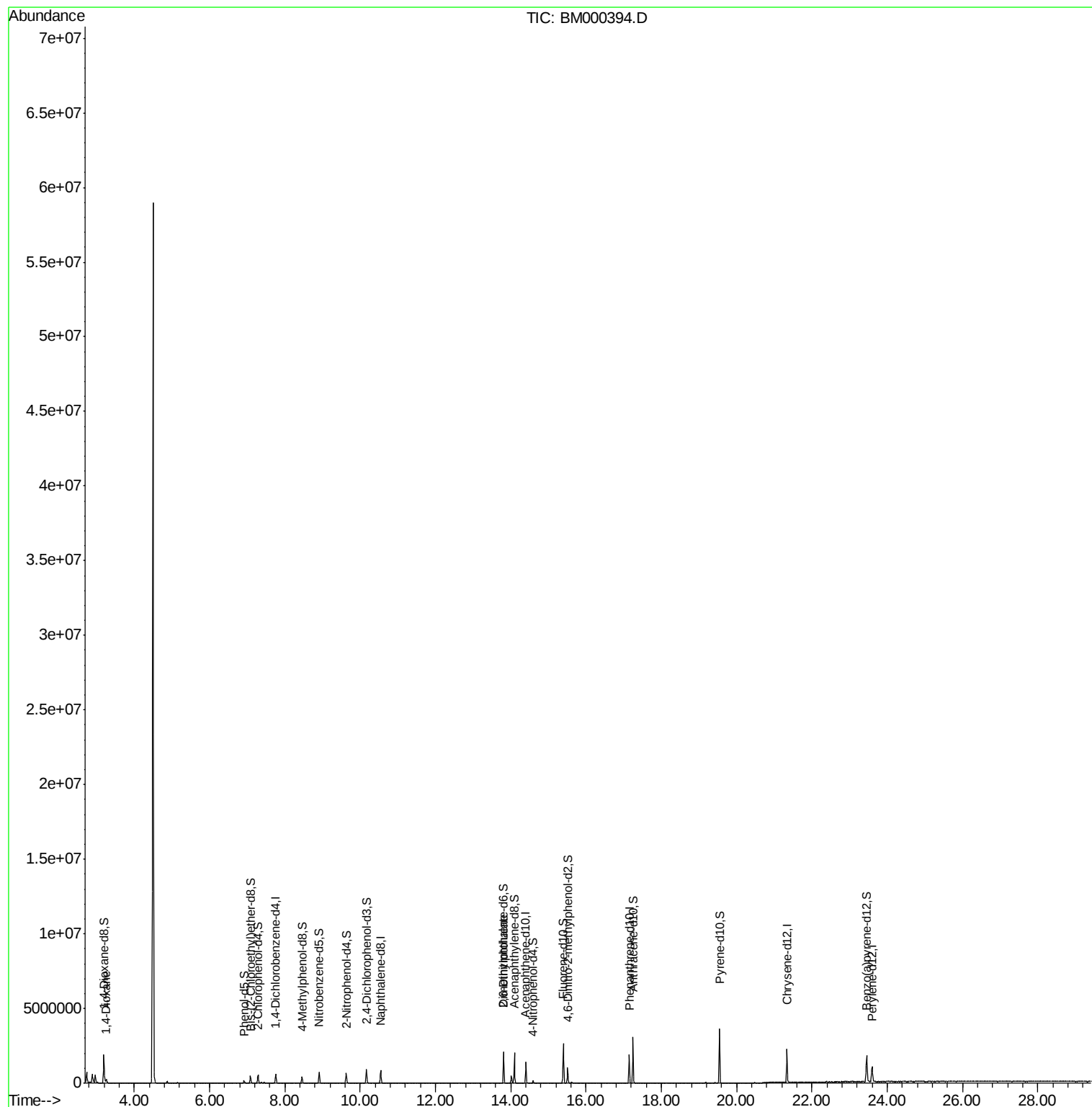
| Target Compounds       |       |     |       |       |        | Qvalue |
|------------------------|-------|-----|-------|-------|--------|--------|
| 2) 1,4-Dioxane         | 3.25  | 88  | 85806 | 31.59 | ng/uL# | 1      |
| 45) 2,6-Dinitrotoluene | 13.82 | 165 | 9596  | 1.47  | ng/ul# | 28     |

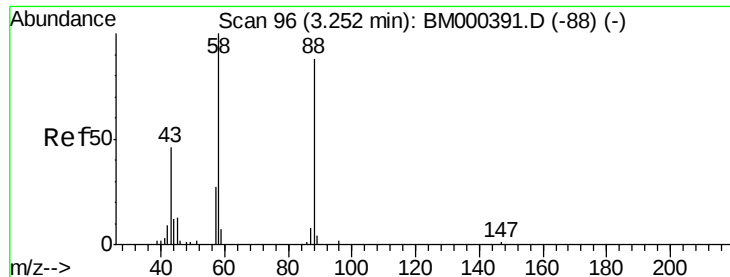
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 31.59 ng/uL

RT: 3.25 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM000394.D

Acq: 29 Jan 2015 20:10

Instrument :

BNA\_M

ClientSampleId :

C0AB7RX

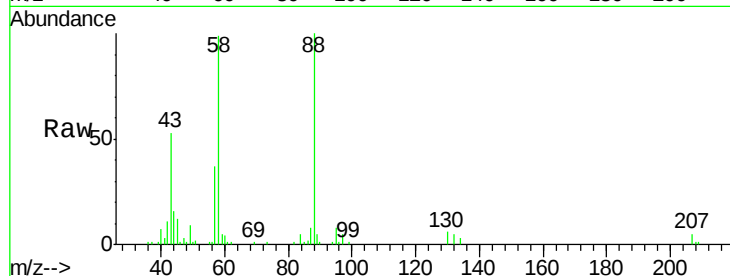
Tgt Ion: 88 Resp: 85806

Ion Ratio Lower Upper

88 100

43 51.0 0.0 0.0#

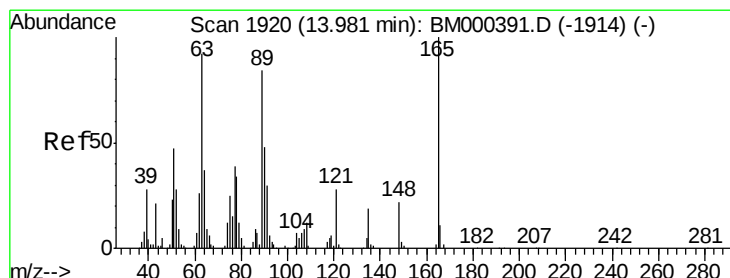
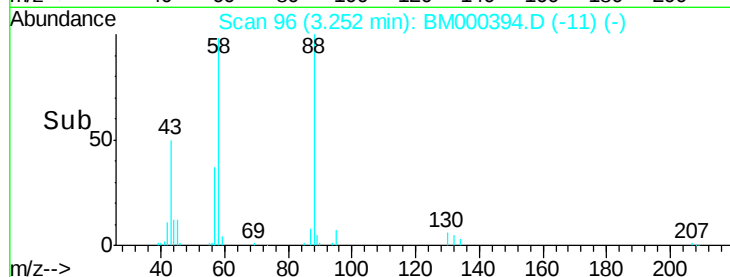
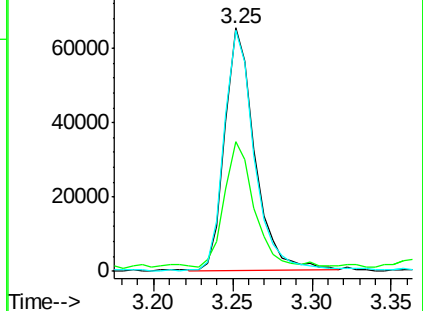
58 101.3 1.4 2.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000394.D (-88) (-)

Ion 43.00 (42.70 to 43.70): BM000394.D (-88) (-)

Ion 58.00 (57.70 to 58.70): BM000394.D (-88) (-)



#45

2,6-Dinitrotoluene

Concen: 1.47 ng/uL

RT: 13.82 min Scan# 1892

Delta R.T. -0.17 min

Lab File: BM000394.D

Acq: 29 Jan 2015 20:10

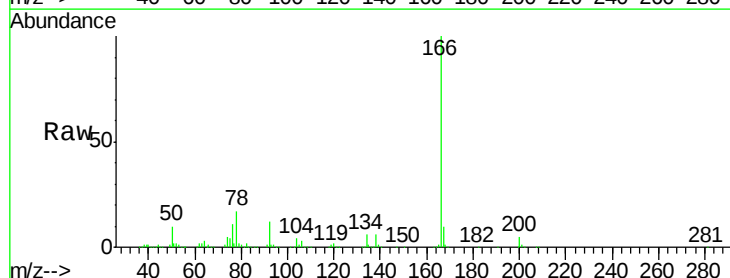
Tgt Ion: 165 Resp: 9596

Ion Ratio Lower Upper

165 100

89 0.0 67.3 100.9#

121 23.2 22.6 33.8



Abundance Ion 165.00 (164.70 to 165.70): BM000394.D (-1886) (-)

Ion 89.00 (88.70 to 89.70): BM000394.D (-1886) (-)

Ion 121.00 (120.70 to 121.70): BM000394.D (-1886) (-)

