

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM011515\  
 Data File : BM000209.D  
 Acq On : 15 Jan 2015 21:05  
 Operator : TP/IZ  
 Sample : G1063-09RX  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AN8RX

Quant Time: Jan 16 04:24:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM122914.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 16 04:15:33 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 130751   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 543835   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 390845   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.20 | 188  | 788410   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.39 | 240  | 896782   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.69 | 264  | 860508   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96   | 982598   | 435.72 | ng/uL | -0.02    |
| 5) Phenol-d5                   | 6.99  | 99   | 68879    | 6.26   | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67   | 193807   | 27.88  | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.36  | 132  | 186121   | 23.08  | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.52  | 113  | 120695   | 13.79  | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.99  | 128  | 106719   | 28.38  | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.70  | 143  | 111700   | 29.09  | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165  | 212593   | 25.06  | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.76 | 131  | 11409    | 1.19   | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.87 | 166  | 799599   | 27.74  | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.16 | 160  | 943338   | 27.32  | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.65 | 143  | 17595    | 3.75   | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.46 | 176  | 697093   | 28.16  | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200  | 91595    | 24.51  | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.30 | 188  | 1068299  | 29.30  | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.60 | 212  | 1178255  | 28.48  | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.54 | 264  | 1143879  | 29.29  | ng/ul | 0.00     |

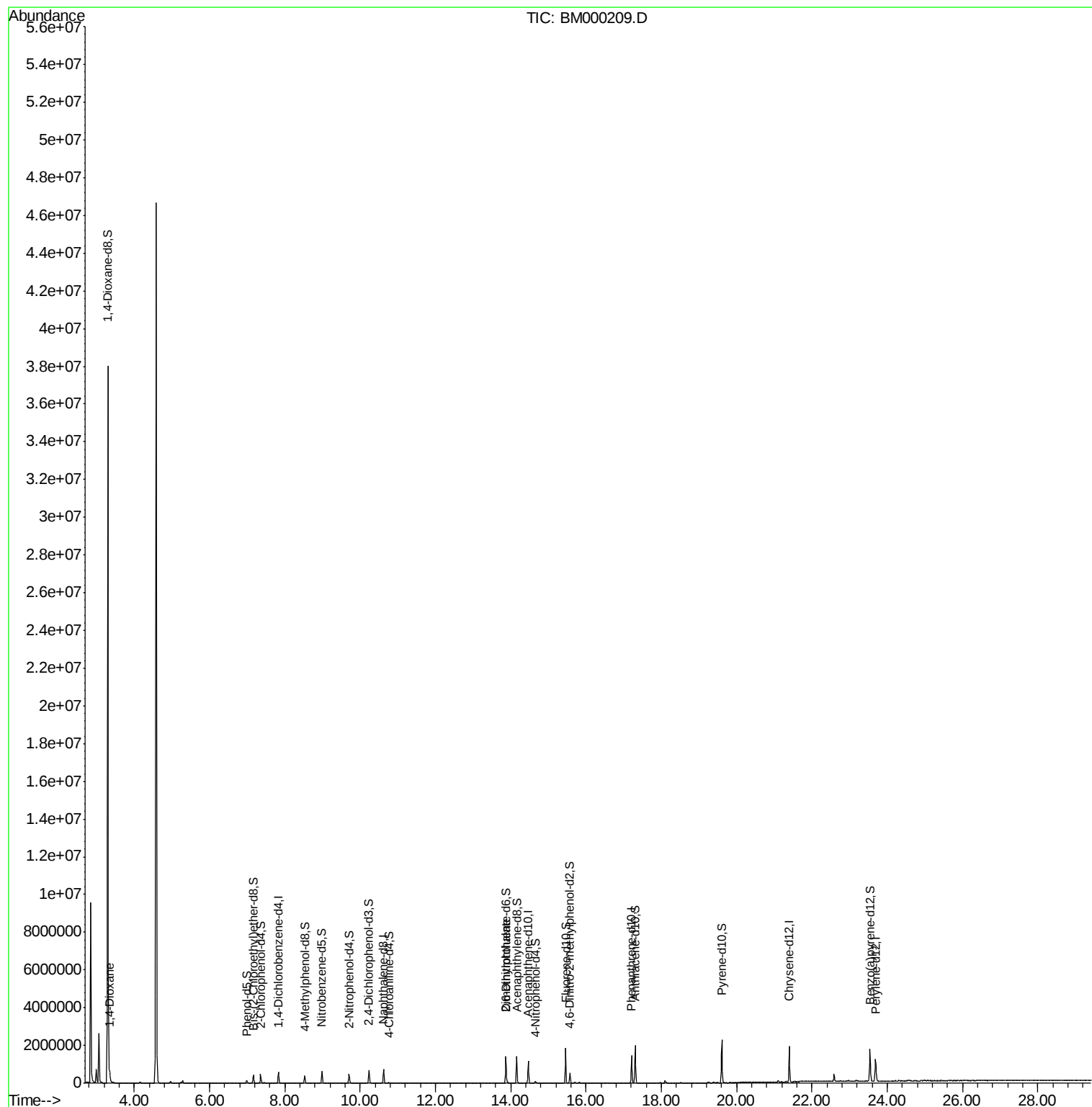
| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 2) 1,4-Dioxane         | 3.35  | 88   | 114698   | 36.70 | ng/uL  | 95     |
| 45) 2,6-Dinitrotoluene | 13.87 | 165  | 5621     | 1.09  | ng/ul# | 29     |

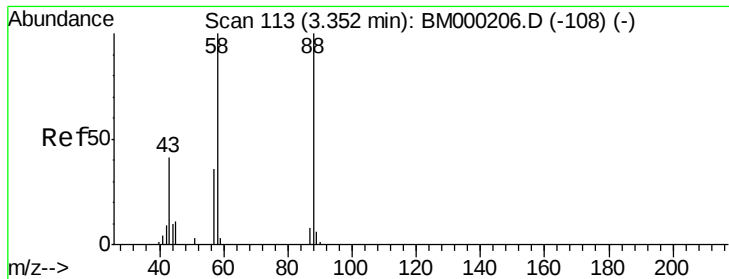
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 36.70 ng/uL

RT: 3.35 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM000209.D

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Instrument :

BNA\_M

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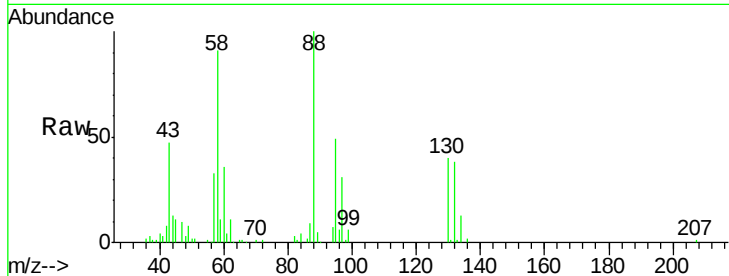
Tgt Ion: 88 Resp: 114698

Ion Ratio Lower Upper

88 100

43 41.9 34.9 52.3

58 90.1 67.3 100.9

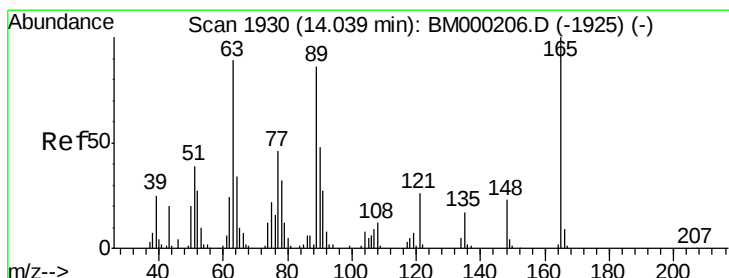
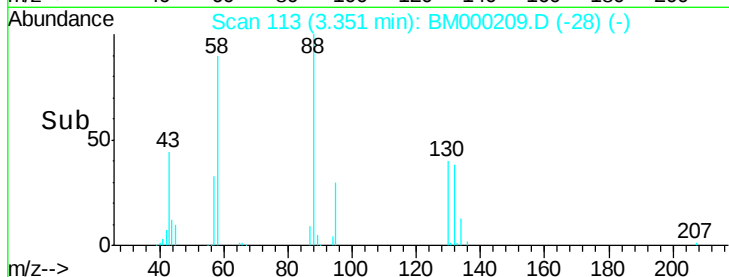
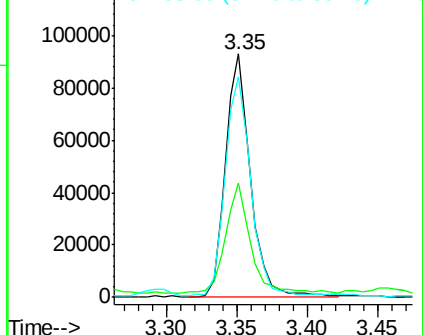


Abundance

Ion 88.00 (87.70 to 88.70): BM000209.D (-1896) (-)

Ion 43.00 (42.70 to 43.70): BM000209.D (-1896) (-)

Ion 58.00 (57.70 to 58.70): BM000209.D (-1896) (-)



#45

2,6-Dinitrotoluene

Concen: 1.09 ng/uL

RT: 13.87 min Scan# 1902

Delta R.T. -0.16 min

Lab File: BM000209.D

Acq: 15 Jan 2015 21:05

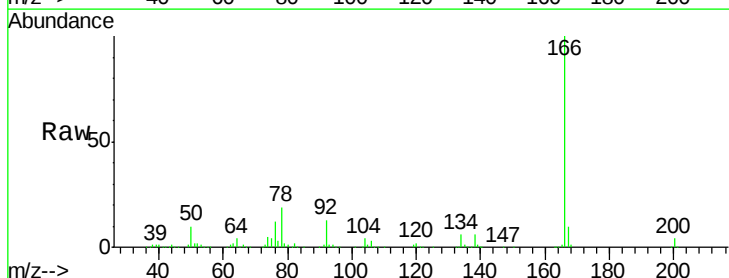
Tgt Ion: 165 Resp: 5621

Ion Ratio Lower Upper

165 100

89 0.0 54.4 81.6#

121 38.3 18.6 28.0#



Abundance

Ion 165.00 (164.70 to 165.70): BM000209.D (-1896) (-)

Ion 89.00 (88.70 to 89.70): BM000209.D (-1896) (-)

Ion 121.00 (120.70 to 121.70): BM000209.D (-1896) (-)

