

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM011316\  
 Data File : BM003961.D  
 Acq On : 12 Jan 2016 18:55  
 Operator : SJ/UM  
 Sample : H1095-04  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC945

Quant Time: Jan 13 06:13:15 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM010116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 13 06:08:50 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 35219    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 171335   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 103068   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.07 | 188  | 237058   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 253350   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.51 | 264  | 215233   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 5018   | 6.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 102157 | 34.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 64840  | 39.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 87276  | 36.32 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 89561  | 37.80 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 42523  | 32.95 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 46155  | 32.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 80950  | 32.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 122328 | 36.86 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.73 | 166 | 293590 | 36.28 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.02 | 160 | 358291 | 36.35 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 41847  | 28.79 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.32 | 176 | 260338 | 37.93 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 33296  | 24.91 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.17 | 188 | 410025 | 37.40 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.47 | 212 | 461368 | 35.16 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.37 | 264 | 413856 | 38.50 | ng/ul | 0.00 |

## Target Compounds

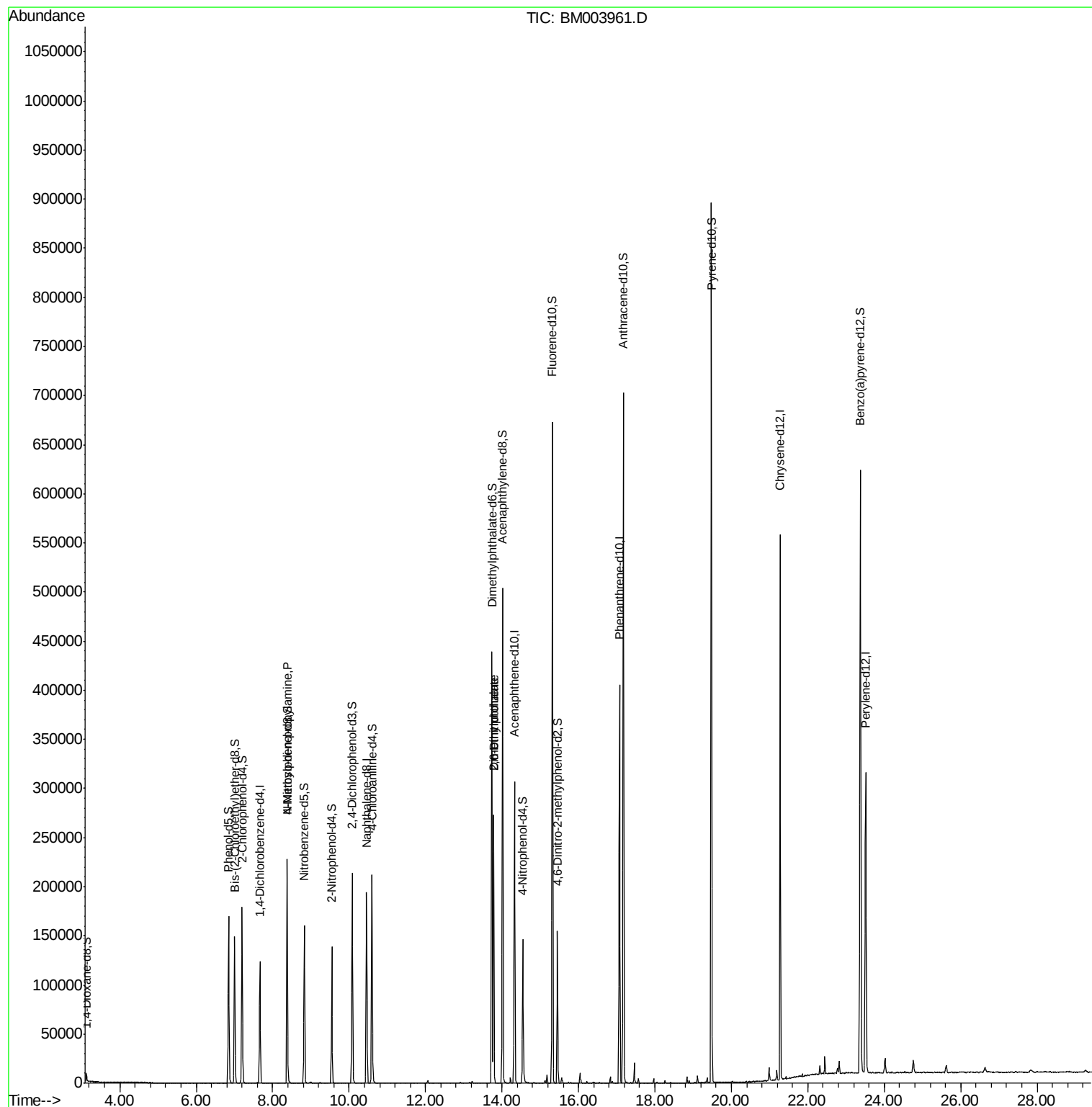
|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.38  | 70  | 2083   | 1.12  | ng/ul# | 1      |
| 45) Dimethylphthalate          | 13.78 | 163 | 174088 | 21.10 | ng/ul  | 99     |
| 46) 2,6-Dinitrotoluene         | 13.78 | 165 | 1696   | 1.04  | ng/ul# | 41     |

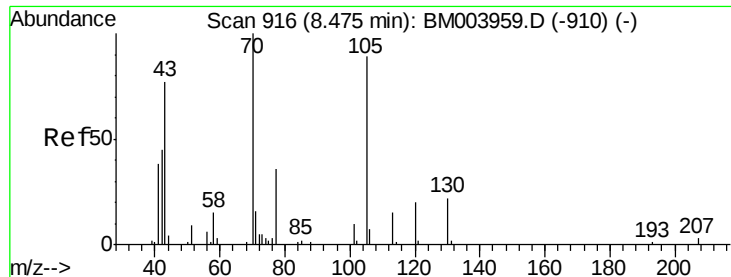
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 13 06:08:50 2016  
Response via : Initial Calibration





#15

N-Nitroso-di-n-propylamine

Concen: 1.12 ng/ul

RT: 8.38 min Scan# 900

Delta R.T. -0.09 min

Lab File: BM003961.D

Acq: 12 Jan 2016 18:55

Instrument :

BNA\_M

ClientSampleId :

BC945

Tgt Ion: 70 Resp: 2083

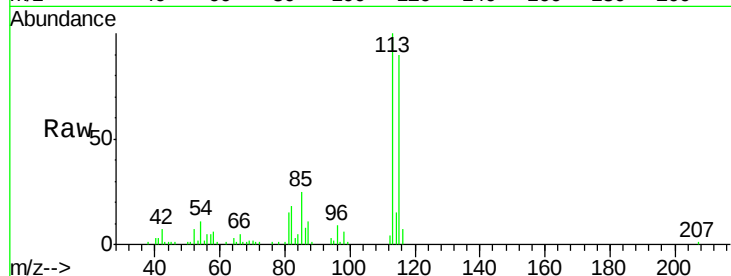
Ion Ratio Lower Upper

70 100

42 307.5 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#

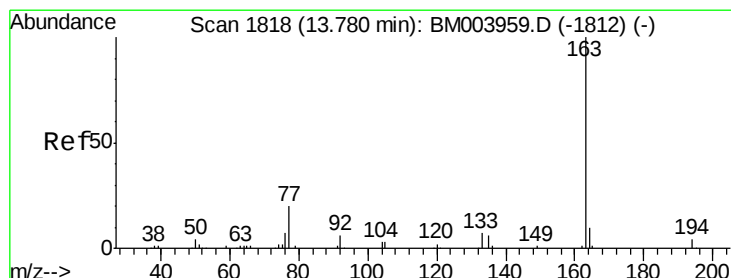
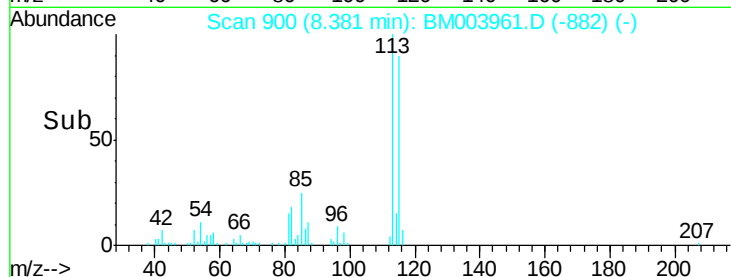
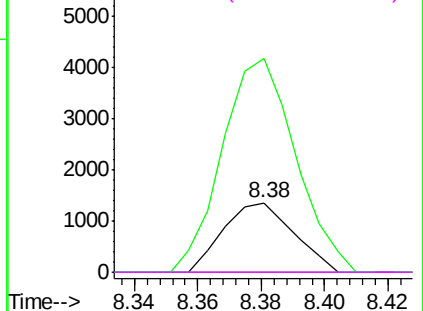


Abundance Ion 70.00 (69.70 to 70.70): BM0

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

Dimethylphthalate

Concen: 21.10 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM003961.D

Acq: 12 Jan 2016 18:55

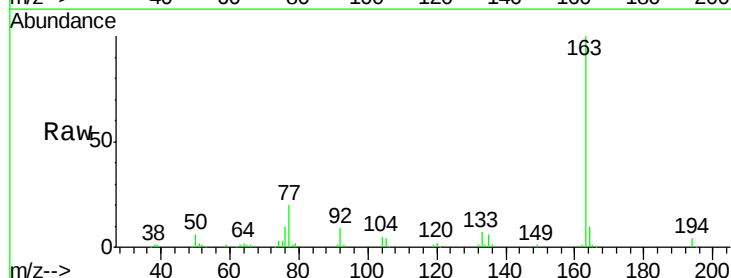
Tgt Ion:163 Resp: 174088

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

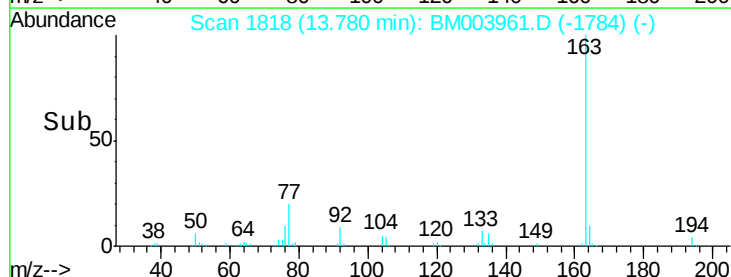
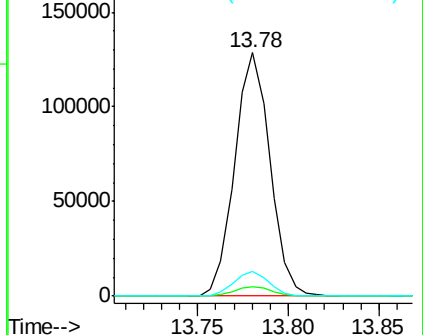
164 10.1 7.8 11.8

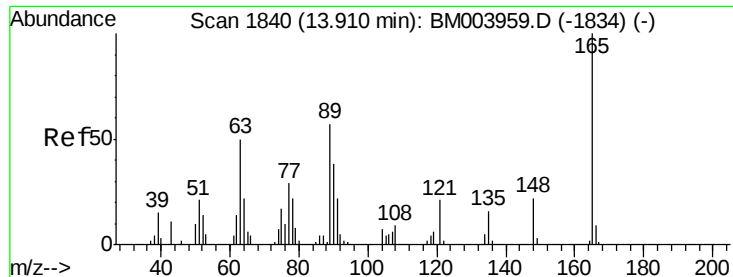


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#46

2,6-Dinitrotoluene

Concen: 1.04 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.13 min

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BNA\_M

ClientSampleId :

BC945

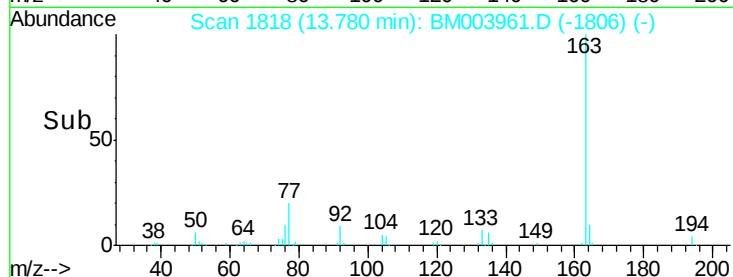
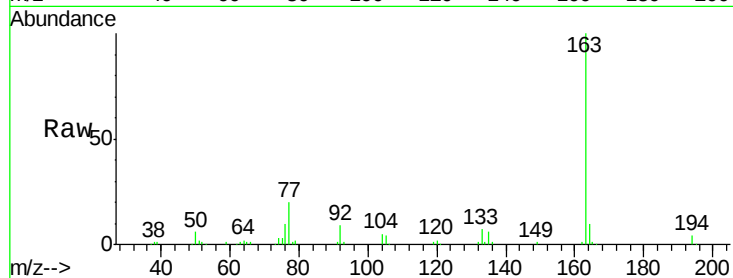
Tgt Ion:165 Resp: 1696

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

121 29.4 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

