

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110217\  
 Data File : BM012678.D  
 Acq On : 03 Nov 2017 00:04  
 Operator : SJ/JU  
 Sample : I6045-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B0E44

Quant Time: Nov 03 03:10:48 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 03 03:08:54 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 146447   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 604874   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 404780   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.20 | 188  | 1031763  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.38 | 240  | 1217594  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.67 | 264  | 1333742  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96   | 13019    | 4.54  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.00  | 99   | 291709   | 23.84 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67   | 165005   | 22.72 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.36  | 132  | 249186   | 27.19 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.53  | 113  | 254512   | 24.34 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.98  | 128  | 128456   | 33.91 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.70  | 143  | 139245   | 35.68 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165  | 267491   | 25.88 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.76 | 131  | 6597     | 0.61  | ng/ul | 0.01     |
| 43) Dimethylphthalate-d6       | 13.87 | 166  | 985810   | 27.88 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.15 | 160  | 1140663  | 27.27 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.66 | 143  | 139217   | 26.48 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.45 | 176  | 884958   | 29.57 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.58 | 200  | 123339   | 24.70 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.30 | 188  | 1522349  | 30.96 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.59 | 212  | 1775887  | 31.79 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.52 | 264  | 1980030  | 31.25 | ng/ul | 0.00     |

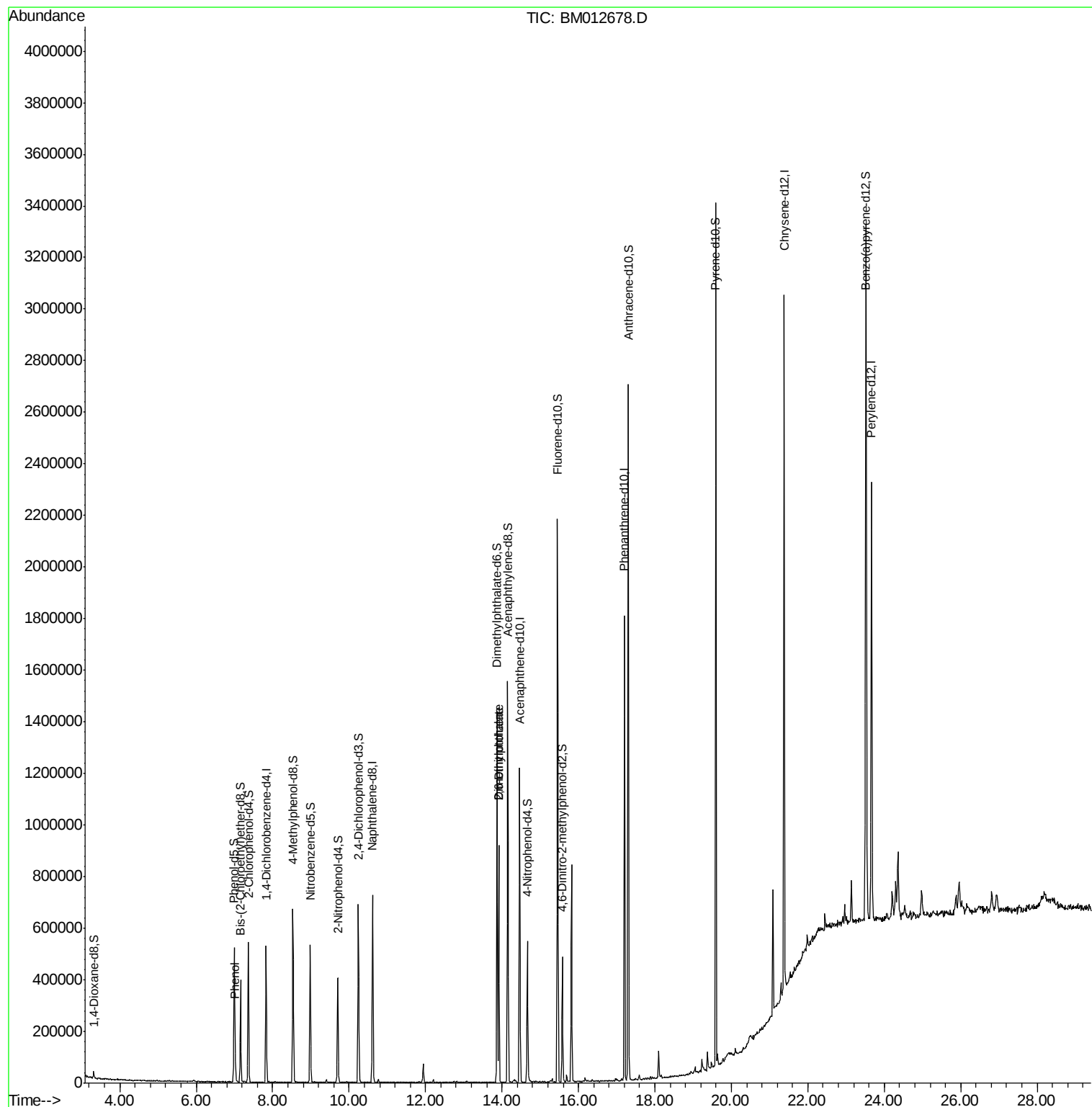
| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol              | 7.02  | 94   | 45291    | 3.56  | ng/ul# | 80     |
| 44) Dimethylphthalate  | 13.92 | 163  | 576973   | 16.50 | ng/ul  | 100    |
| 45) 2,6-Dinitrotoluene | 13.91 | 165  | 6396     | 1.15  | ng/ul# | 44     |

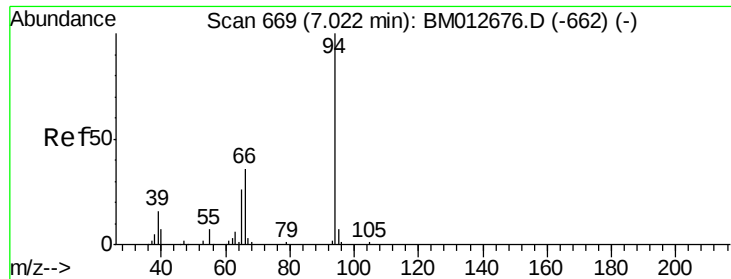
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.56 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

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Instrument :

BNA\_M

ClientSampleId :

B0E44

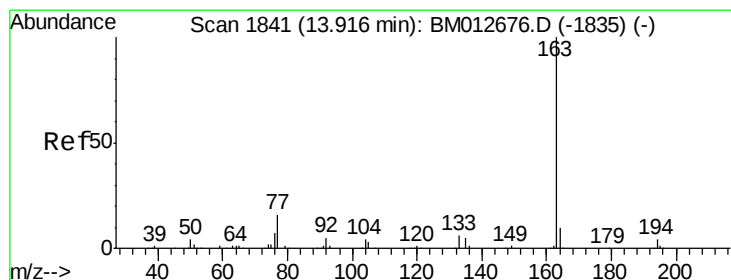
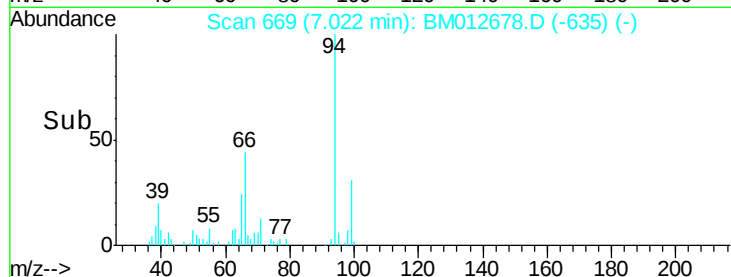
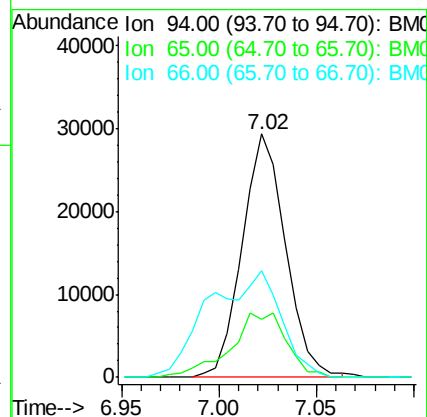
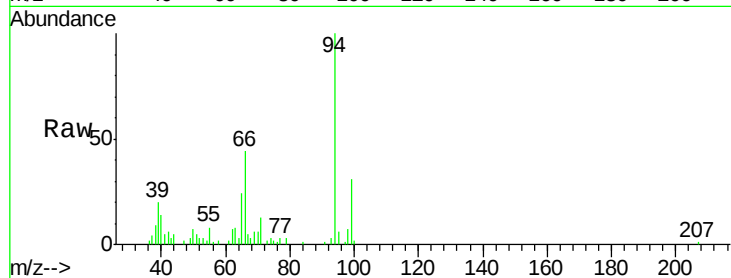
Tot Ion: 94 Resp: 45291

Ion Ratio Lower Upper

94 100

65 23.7 28.2 42.4#

66 43.7 47.2 70.8#



#44

Dimethylphthalate

Concen: 16.50 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM012678.D

Acq: 03 Nov 2017 00:04

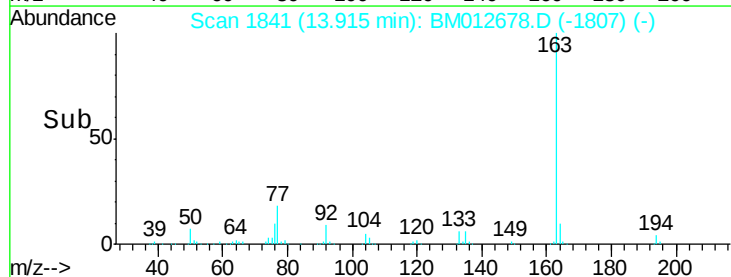
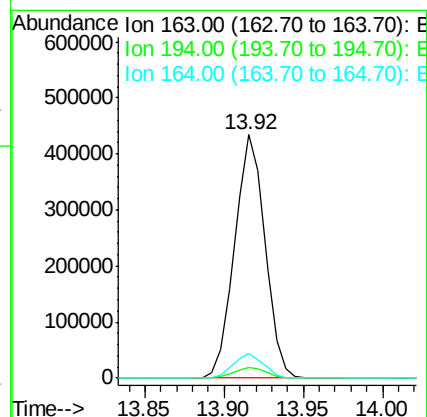
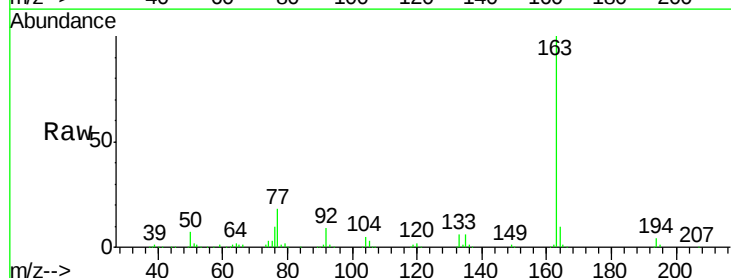
Tgt Ion: 163 Resp: 576973

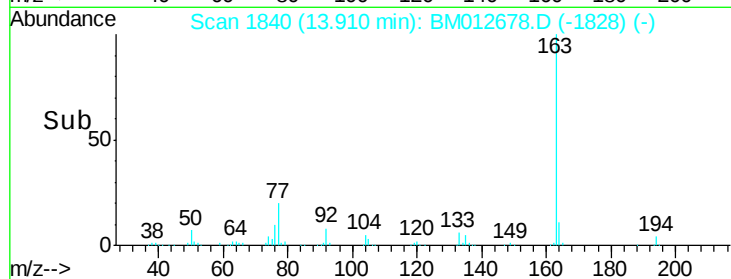
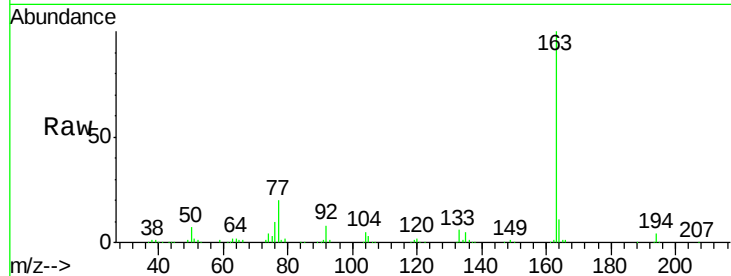
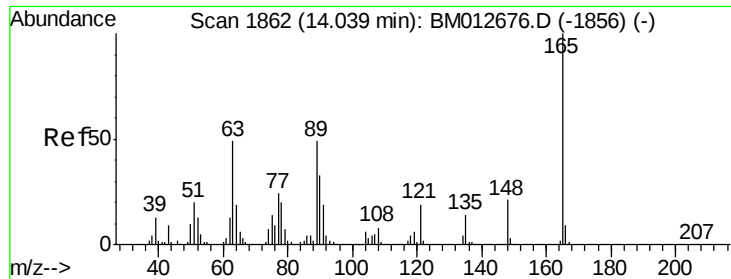
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.1 8.2 12.4





#45

2,6-Dinitrotoluene

Concen: 1.15 ng/ul

RT: 13.91 min Scan# 1840

Delta R.T. -0.13 min

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Instrument :

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ClientSampleId :

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Tot Ion:165 Resp: 6396

Ion Ratio Lower Upper

165 100

89 10.3 52.6 79.0#

121 20.3 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

