

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM020218\  
 Data File : BM014143.D  
 Acq On : 03 Feb 2018 08:52  
 Operator : SJ/JU  
 Sample : J1355-12  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6D58

Quant Time: Feb 05 06:01:03 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 03 04:17:00 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 90160    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 383720   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 246353   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 598125   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.17 | 240  | 697081   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.34 | 264  | 701532   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 9356   | 4.76  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.74  | 99  | 167829 | 24.77 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 109812 | 26.86 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 135640 | 25.28 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 148451 | 26.16 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 1078   | 0.39  | ng/ul | 0.05 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 82872  | 27.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 147061 | 22.81 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 179858 | 32.17 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 558761 | 27.33 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 674017 | 27.17 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 27305  | 9.69  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.21 | 176 | 489275 | 26.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 57132  | 15.55 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.06 | 188 | 786425 | 27.08 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.37 | 212 | 927325 | 27.63 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.21 | 264 | 907888 | 26.37 | ng/ul | 0.00 |

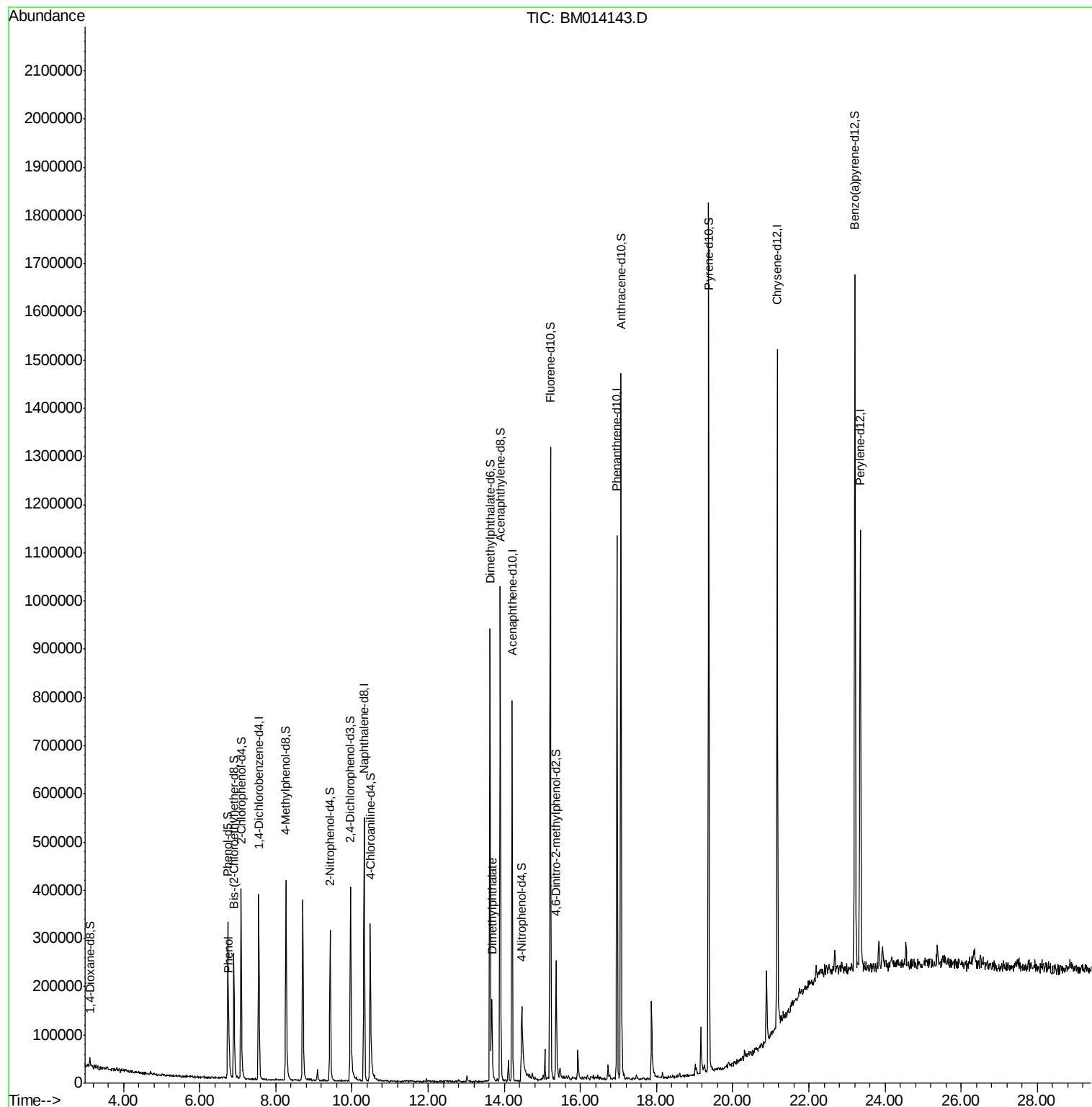
| Target Compounds      |       |     |        |      |        | Qvalue |
|-----------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol             | 6.77  | 94  | 33873  | 5.00 | ng/ul  | 91     |
| 44) Dimethylphthalate | 13.67 | 163 | 101287 | 5.14 | ng/ul# | 95     |

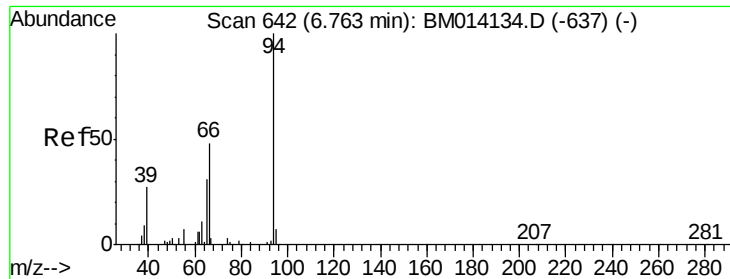
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.00 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

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Instrument :

BNA\_M

ClientSampleId :

F6D58

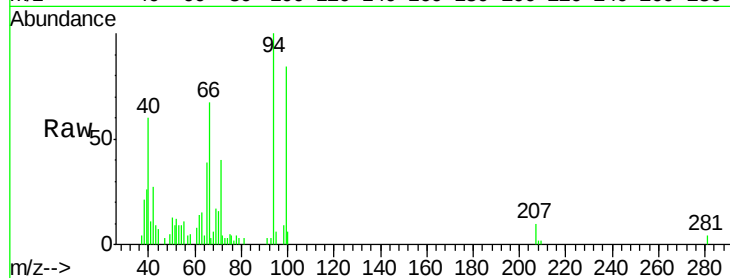
Tgt Ion: 94 Resp: 33873

Ion Ratio Lower Upper

94 100

65 38.6 28.2 42.4

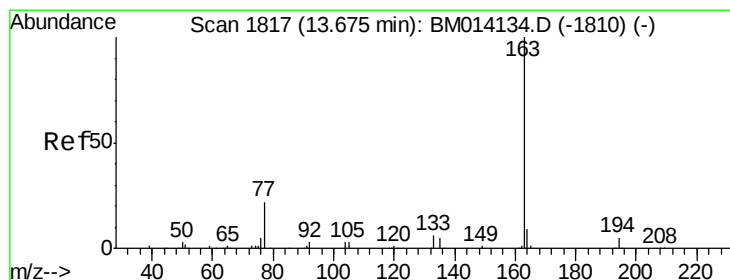
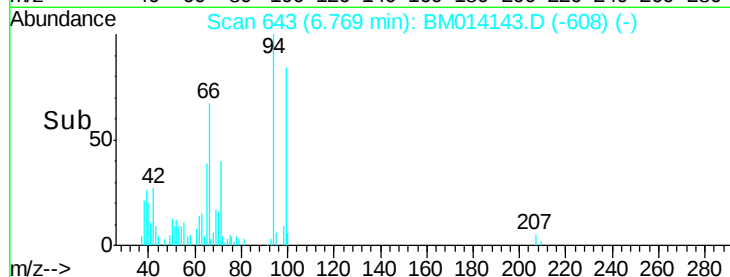
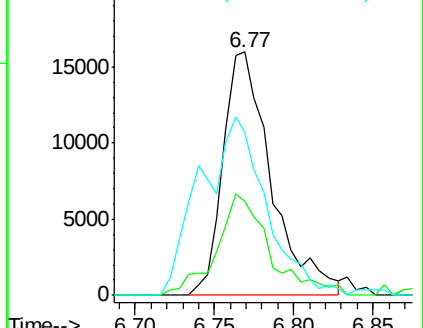
66 67.2 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM014134.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM014134.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM014134.D (-637) (-)



#44

Dimethylphthalate

Concen: 5.14 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM014143.D

Acq: 03 Feb 2018 08:52

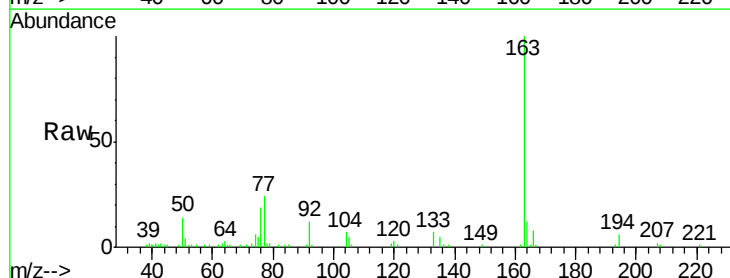
Tgt Ion: 163 Resp: 101287

Ion Ratio Lower Upper

163 100

194 6.2 3.5 5.3#

164 12.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM014134.D (-1810) (-)

Ion 194.00 (193.70 to 194.70): BM014134.D (-1810) (-)

Ion 164.00 (163.70 to 164.70): BM014134.D (-1810) (-)

