

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\  
 Data File : BM013975.D  
 Acq On : 30 Jan 2018 01:29  
 Operator : SJ/JU  
 Sample : J1295-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6C18

Quant Time: Jan 30 03:57:41 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 30 02:42:12 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 105746   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.34 | 136  | 408055   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.22 | 164  | 259275   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.98 | 188  | 622017   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.18 | 240  | 697217   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.36 | 264  | 674251   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 12138   | 4.54  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.76  | 99  | 263939  | 32.51 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 161598  | 32.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 223173  | 33.74 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 227378  | 36.44 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 118578  | 37.45 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.44  | 143 | 130442  | 38.99 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 231669  | 35.84 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 282887  | 50.45 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 820814  | 38.41 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.91 | 160 | 1021212 | 37.47 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 88359   | 25.44 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.22 | 176 | 701695  | 37.34 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 109829  | 29.33 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.07 | 188 | 1118611 | 36.92 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.38 | 212 | 1285302 | 39.59 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.23 | 264 | 1245715 | 40.20 | ng/ul | 0.00 |

## Target Compounds

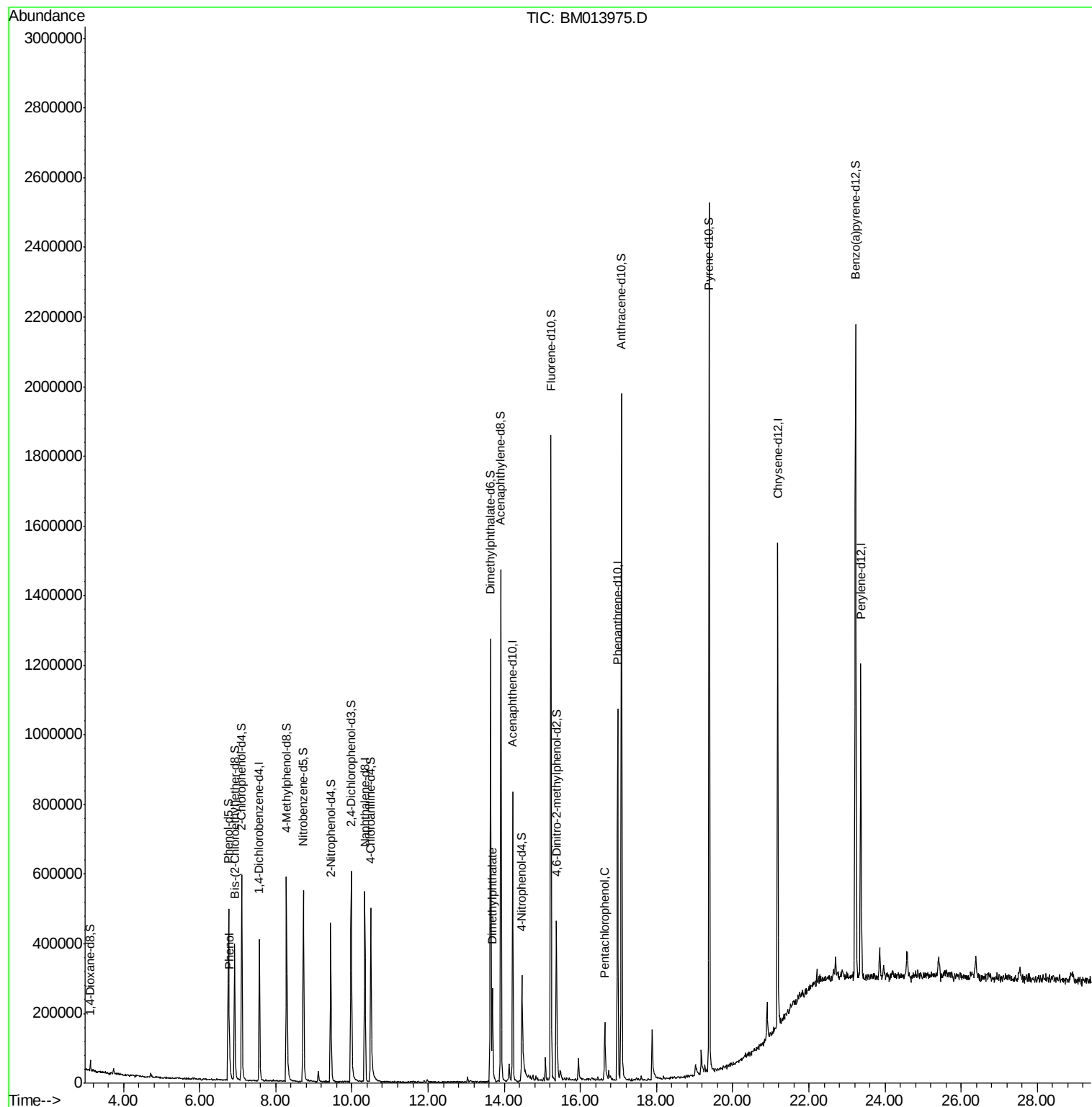
|                       |       |     |        |             | Ovalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 6) Phenol             | 6.78  | 94  | 35833  | 4.401 ng/ul | 97     |
| 44) Dimethylphthalate | 13.69 | 163 | 167659 | 7.980 ng/ul | 98     |
| 68) Pentachlorophenol | 16.64 | 266 | 38121  | 9.072 ng/ul | 99     |

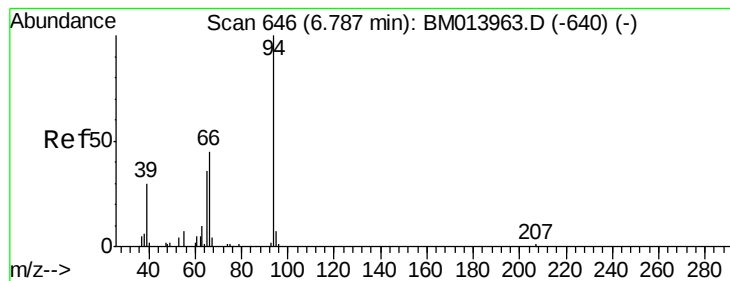
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 4.401 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM013975.D

Acq: 30 Jan 2018 01:29

Instrument :

BNA\_M

ClientSampleId :

F6C18

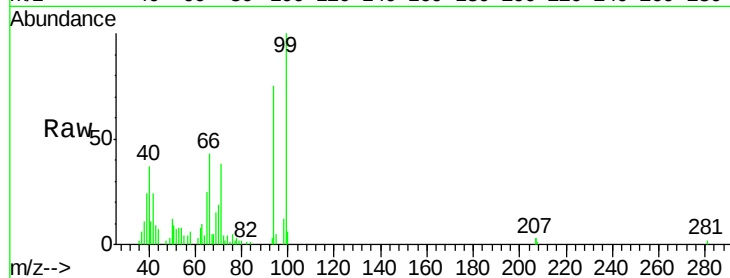
Tot Ion: 94 Resp: 35833

Ion Ratio Lower Upper

94 100

65 33.3 28.2 42.4

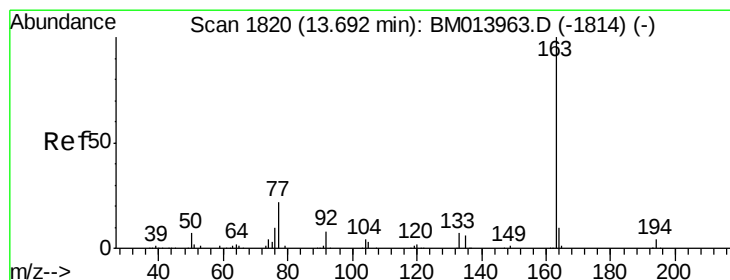
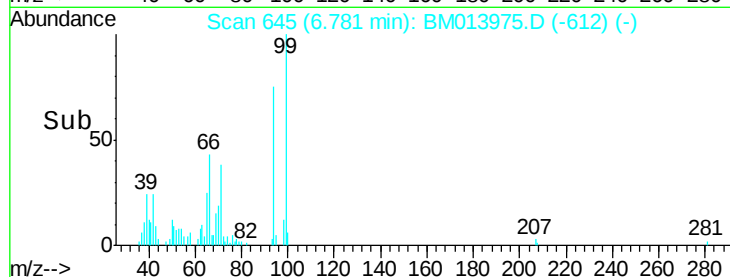
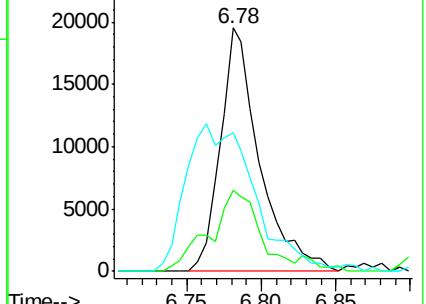
66 57.0 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013963.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM013963.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM013963.D (-640) (-)



#44

Dimethylphthalate

Concen: 7.980 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM013975.D

Acq: 30 Jan 2018 01:29

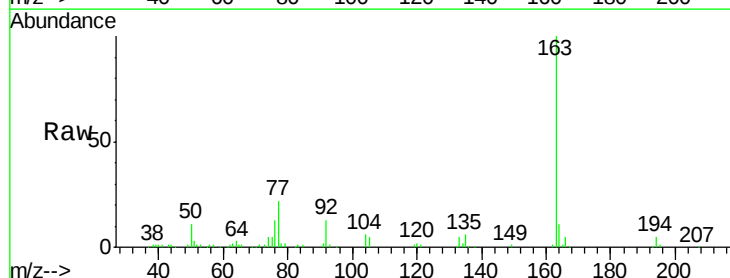
Tgt Ion: 163 Resp: 167659

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

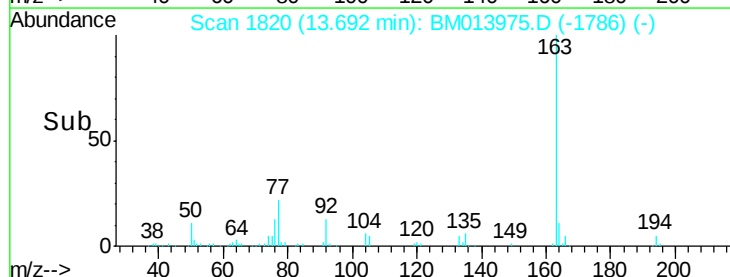
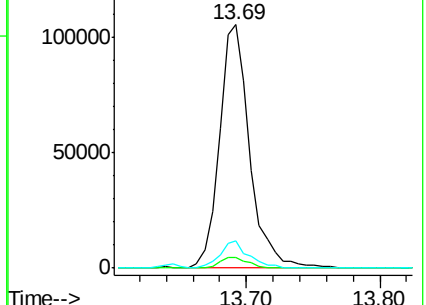
164 11.1 8.2 12.4

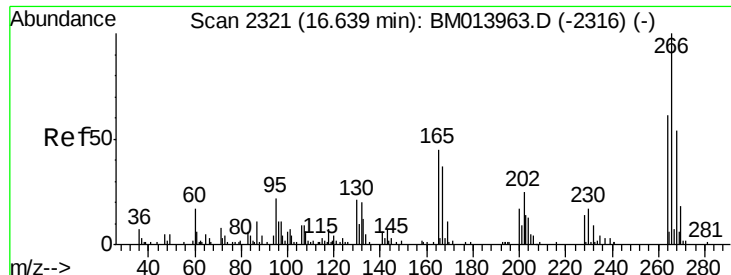


Abundance Ion 163.00 (162.70 to 163.70): BM013963.D (-1814) (-)

Ion 194.00 (193.70 to 194.70): BM013963.D (-1814) (-)

Ion 164.00 (163.70 to 164.70): BM013963.D (-1814) (-)

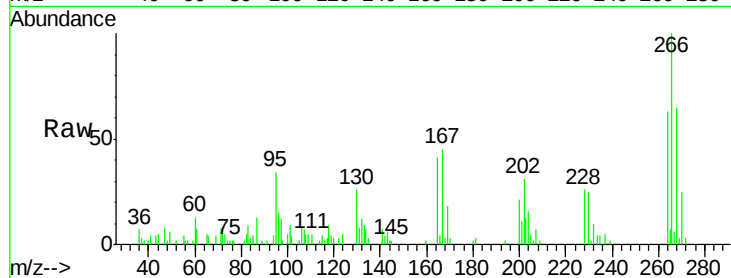




#68  
 Pentachlorophenol  
 Concen: 9.072 ng/ul  
 RT: 16.64 min Scan# 2321  
 Delta R.T. 0.00 min  
 Lab File: BM013975.D  
 Acq: 30 Jan 2018 01:29

Instrument :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.6  | 49.3  | 73.9  |
| 268     | 65.0  | 52.6  | 78.8  |



Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

