

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\  
 Data File : BM013212.D  
 Acq On : 06 Dec 2017 16:49  
 Operator : SJ/JU  
 Sample : I6647-03  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0249

Quant Time: Dec 07 03:26:12 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 07 03:25:48 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 198741   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.48 | 136  | 890936   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.34 | 164  | 551536   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.09 | 188  | 1322712  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.27 | 240  | 1462862  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.50 | 264  | 1258221  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96  | 12259   | 3.06  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 273520  | 15.90 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.04  | 67  | 169335  | 17.27 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.23  | 132 | 220502  | 16.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 239561  | 16.31 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 122352  | 17.32 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.57  | 143 | 129095  | 17.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 248089  | 15.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 315579  | 22.04 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.76 | 166 | 865380  | 17.63 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.03 | 160 | 1063689 | 17.56 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 123351  | 14.47 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.33 | 176 | 732587  | 17.36 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 98997   | 11.90 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.19 | 188 | 1187616 | 17.93 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.48 | 212 | 1344426 | 18.45 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.36 | 264 | 1117590 | 17.44 | ng/ul | 0.00 |

## Target Compounds

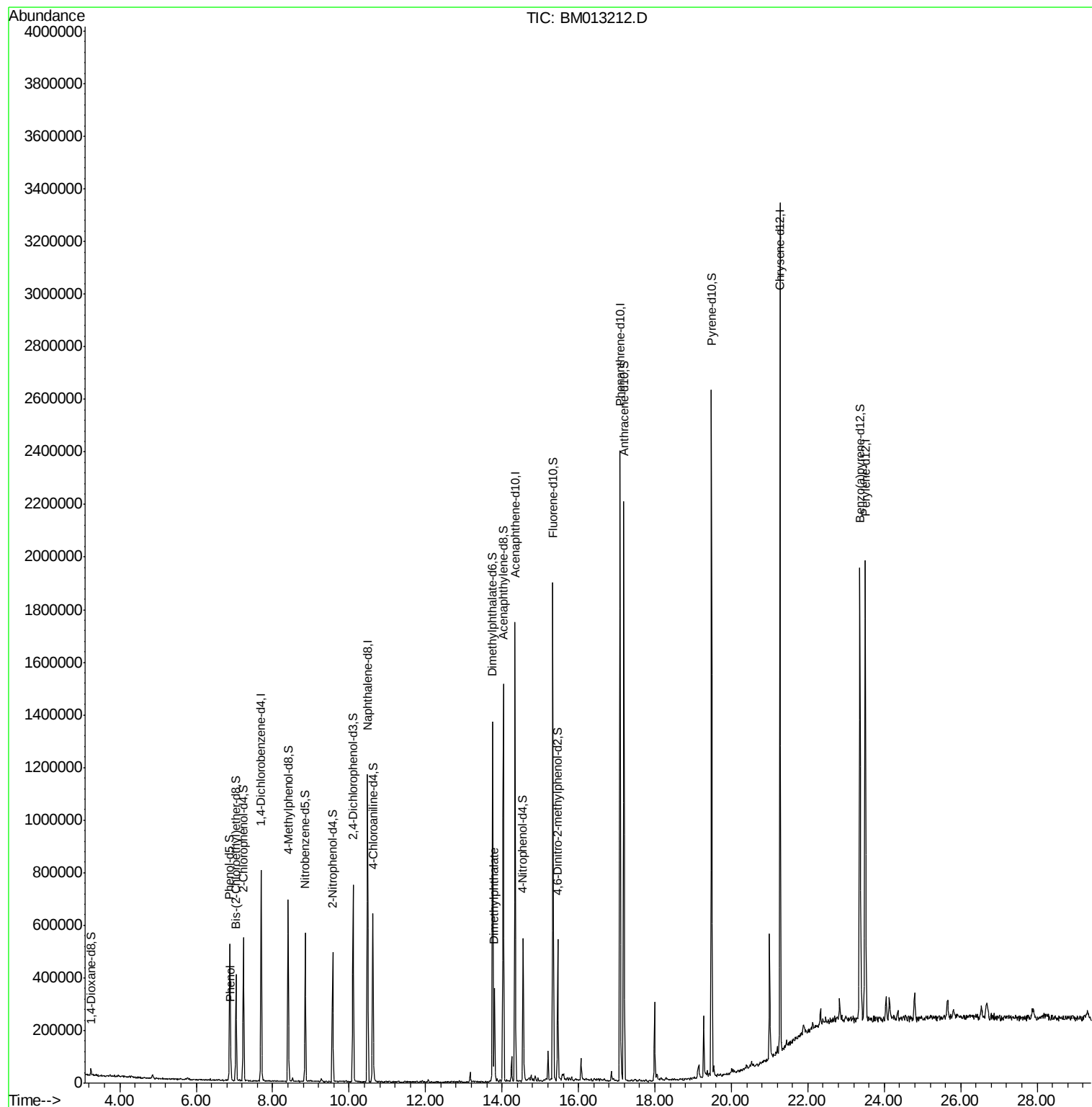
|                       |       |     |        |       | Ovalue |    |
|-----------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol             | 6.90  | 94  | 32704  | 1.924 | ng/ul# | 83 |
| 44) Dimethylphthalate | 13.80 | 163 | 204010 | 4.346 | ng/ul  | 97 |

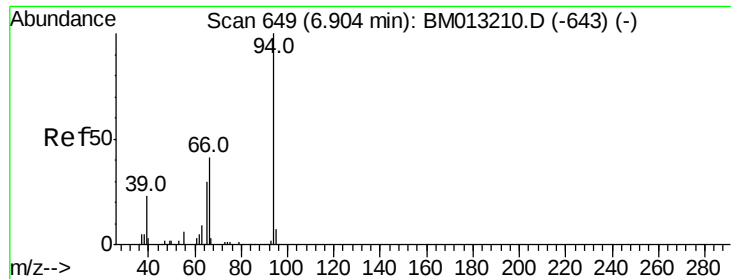
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.924 ng/ul

RT: 6.90 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM013212.D

Acq: 06 Dec 2017 16:49

Instrument :

BNA\_M

ClientSampled :

C0249

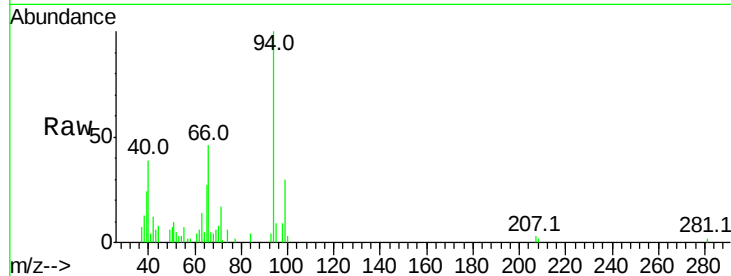
Tot Ion: 94 Resp: 32704

Ion Ratio Lower Upper

94 100

65 26.7 28.2 42.4#

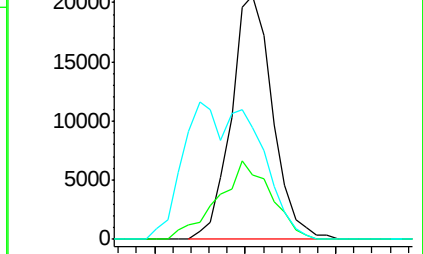
66 45.8 47.2 70.8#



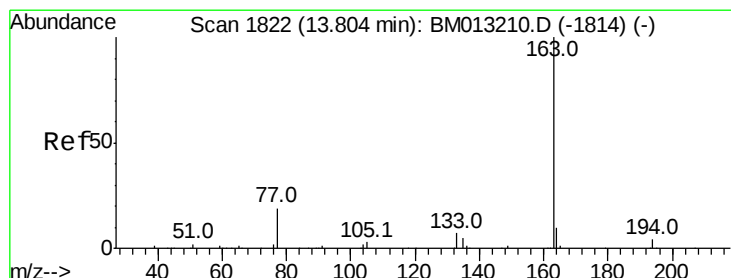
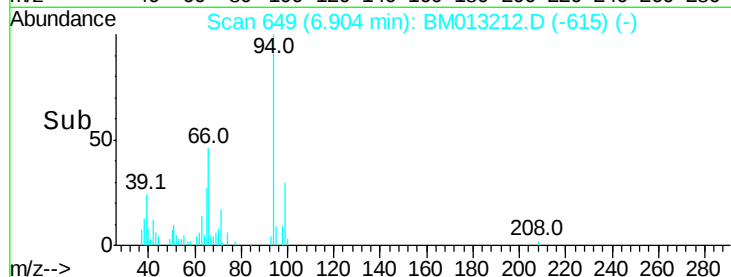
Abundance Ion 94.00 (93.70 to 94.70): BM013212.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013212.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013212.D (-643) (-)



Time-->



#44

Dimethylphthalate

Concen: 4.346 ng/ul

RT: 13.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM013212.D

Acq: 06 Dec 2017 16:49

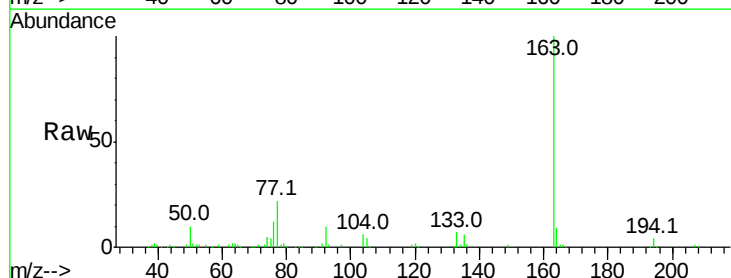
Tgt Ion: 163 Resp: 204010

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

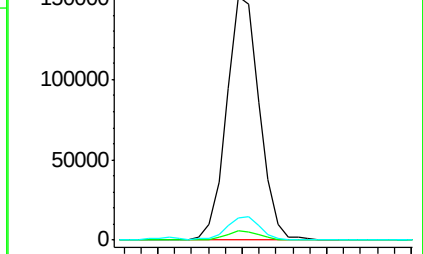
164 8.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM013212.D (-1788) (-)

Ion 194.00 (193.70 to 194.70): BM013212.D (-1788) (-)

Ion 164.00 (163.70 to 164.70): BM013212.D (-1788) (-)



Time-->

