

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\  
 Data File : BM013093.D  
 Acq On : 22 Nov 2017 19:44  
 Operator : SJ/JU  
 Sample : I6514-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC4

Quant Time: Nov 23 06:54:55 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 23 06:16:43 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 259129   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.49 | 136  | 1069998  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.35 | 164  | 605884   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.10 | 188  | 1185974  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.28 | 240  | 957099   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.51 | 264  | 893267   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 52315   | 9.35  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 782264  | 34.85 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 448977  | 35.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 635107  | 35.40 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.43  | 113 | 672775  | 36.59 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.87  | 128 | 318622  | 41.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.58  | 143 | 366332  | 50.50 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165 | 669121  | 36.34 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.63 | 131 | 814200  | 42.29 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.77 | 166 | 2034945 | 38.29 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.05 | 160 | 2518776 | 37.20 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 270301  | 33.53 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.35 | 176 | 1655347 | 36.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 245731  | 47.79 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.20 | 188 | 2374092 | 39.10 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.49 | 212 | 2167806 | 44.34 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.37 | 264 | 1858401 | 41.03 | ng/ul | 0.00 |

## Target Compounds

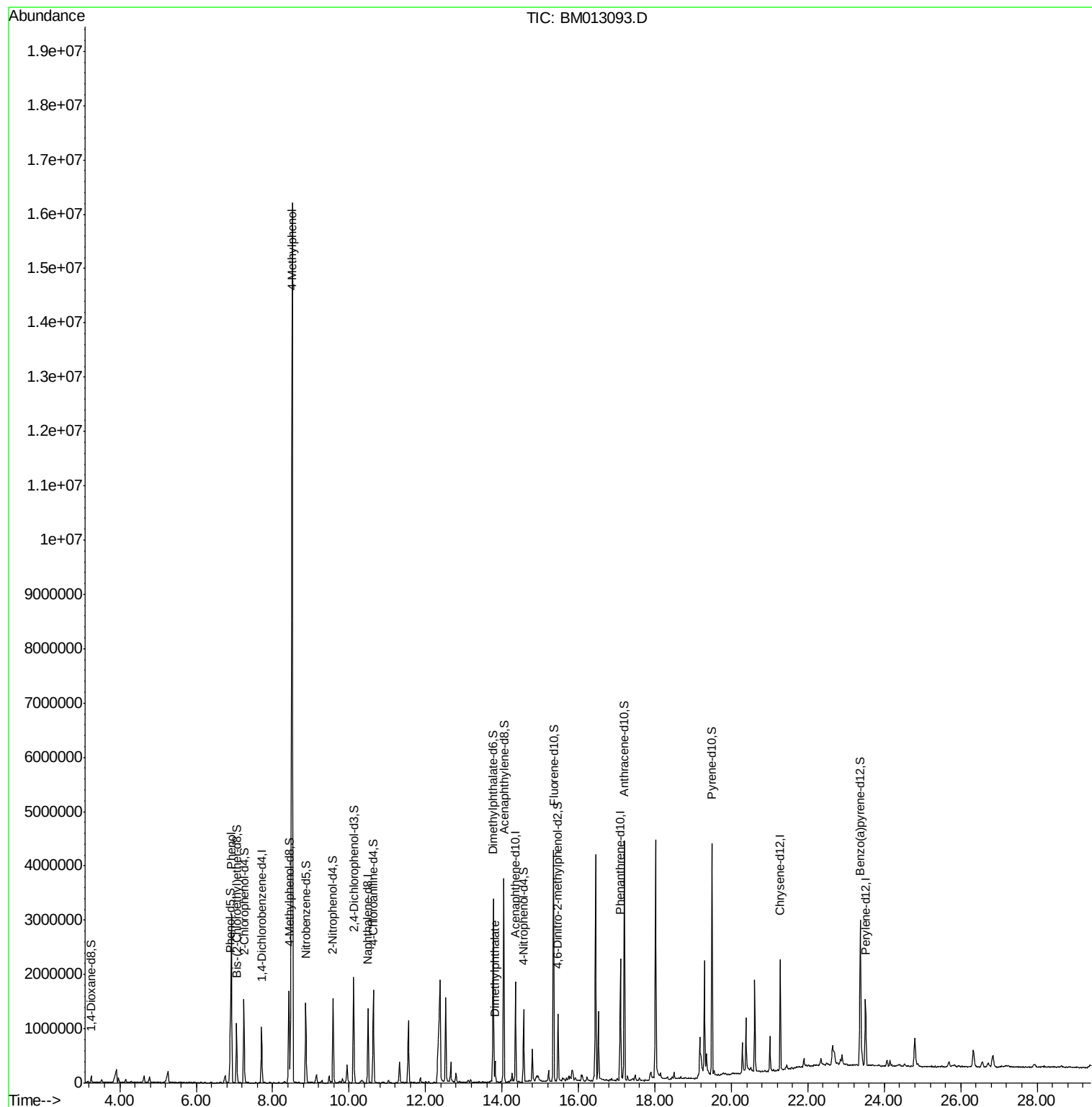
|                       |       |     |         |         | Ovalue |    |
|-----------------------|-------|-----|---------|---------|--------|----|
| 6) Phenol             | 6.92  | 94  | 1518733 | 68.553  | ng/ul# | 83 |
| 16) 4-Methylphenol    | 8.51  | 108 | 6503743 | 364.210 | ng/ul  | 96 |
| 44) Dimethylphthalate | 13.82 | 163 | 226085  | 4.449   | ng/ul  | 98 |

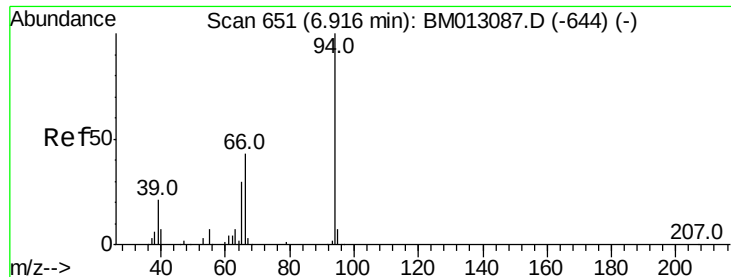
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\  
Data File : BM013093.D  
Acq On : 22 Nov 2017 19:44  
Operator : SJ/JU  
Sample : I6514-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC4

Quant Time: Nov 23 06:54:55 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Nov 23 06:16:43 2017  
Response via : Initial Calibration





#6

Phenol

Concen: 68.553 ng/ul

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM013093.D

Acq: 22 Nov 2017 19:44

Instrument :

BNA\_M

ClientSampleId :

C0AC4

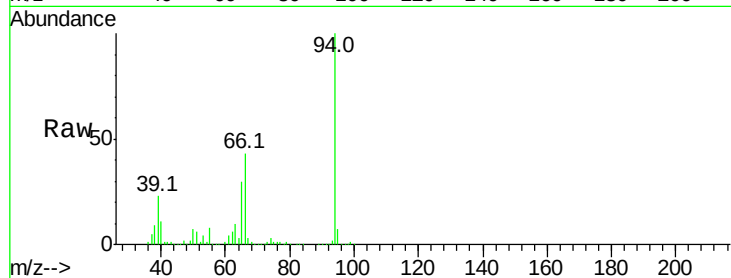
Tot Ion: 94 Resp: 1518733

Ion Ratio Lower Upper

94 100

65 29.9 28.2 42.4

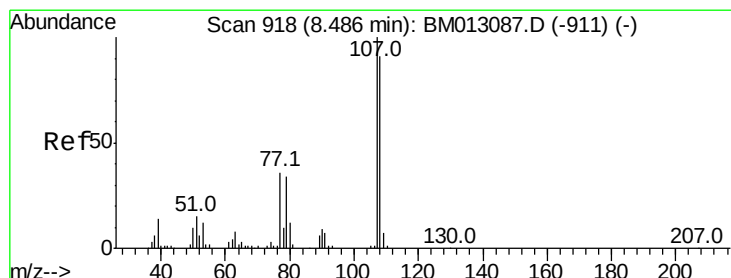
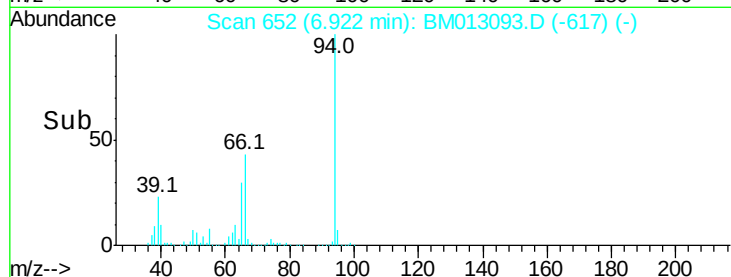
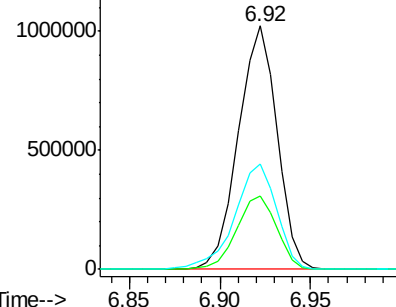
66 43.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013087.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013087.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013087.D (-644) (-)



#16

4-Methylphenol

Concen: 364.210 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. 0.02 min

Lab File: BM013093.D

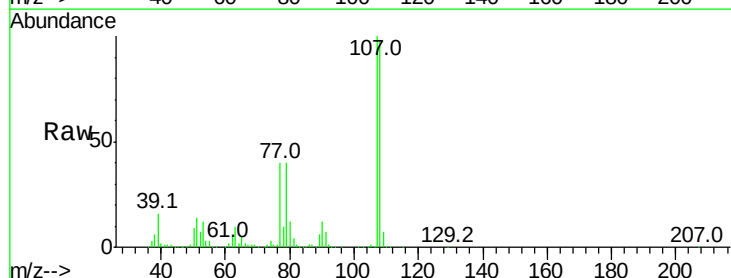
Acq: 22 Nov 2017 19:44

Tgt Ion: 108 Resp: 6503743

Ion Ratio Lower Upper

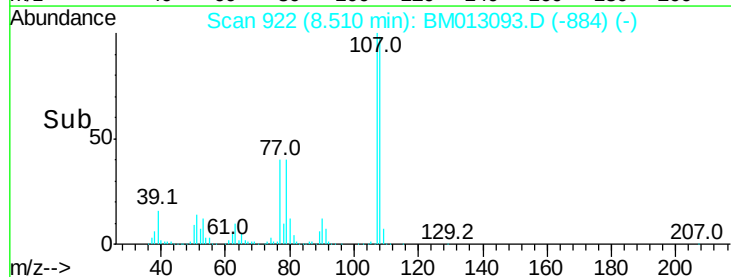
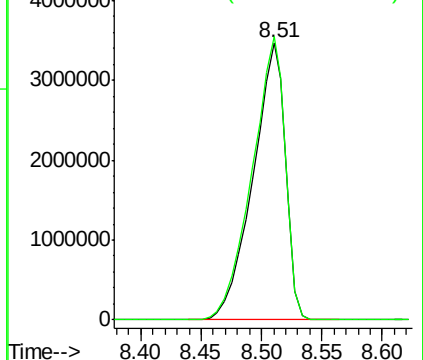
108 100

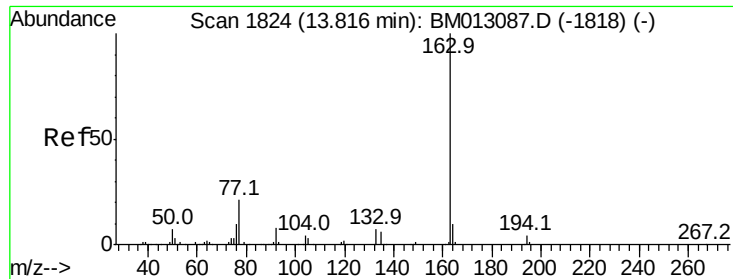
107 102.1 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM013087.D (-911) (-)

Ion 107.00 (106.70 to 107.70): BM013087.D (-911) (-)





#44

Dimethylphthalate

Concen: 4.449 ng/ul

RT: 13.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BM013093.D

Acq: 22 Nov 2017 19:44

Instrument :

BNA\_M

ClientSampleId :

C0AC4

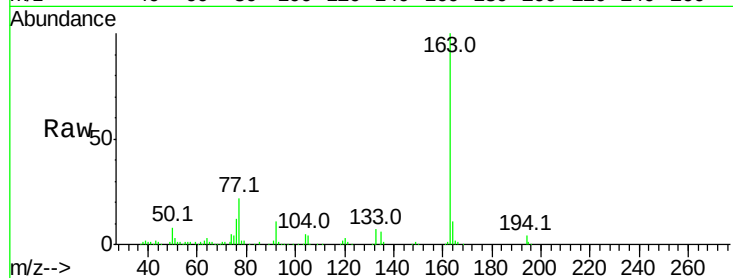
Tot Ion:163 Resp: 226085

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 11.4 8.2 12.4



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

