

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122617\  
 Data File : BM013540.D  
 Acq On : 26 Dec 2017 18:26  
 Operator : SJ/JU  
 Sample : I7046-09  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FL9

Quant Time: Dec 27 03:33:04 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 27 03:26:43 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 242130   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1097087  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 643710   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 1255330  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.25 | 240  | 903683   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.47 | 264  | 813110   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 18493   | 3.78  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 498257  | 23.78 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.01  | 67  | 291471  | 24.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 394780  | 24.11 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 433885  | 24.24 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 209508  | 24.08 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 239955  | 25.77 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 436472  | 22.75 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 463426  | 26.28 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 1425309 | 24.88 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.00 | 160 | 1760824 | 24.91 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.53 | 143 | 155911  | 15.67 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.31 | 176 | 1144279 | 23.23 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 149731  | 18.96 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 1569776 | 24.97 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 1424396 | 31.64 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.33 | 264 | 1074978 | 25.95 | ng/ul | 0.00 |

## Target Compounds

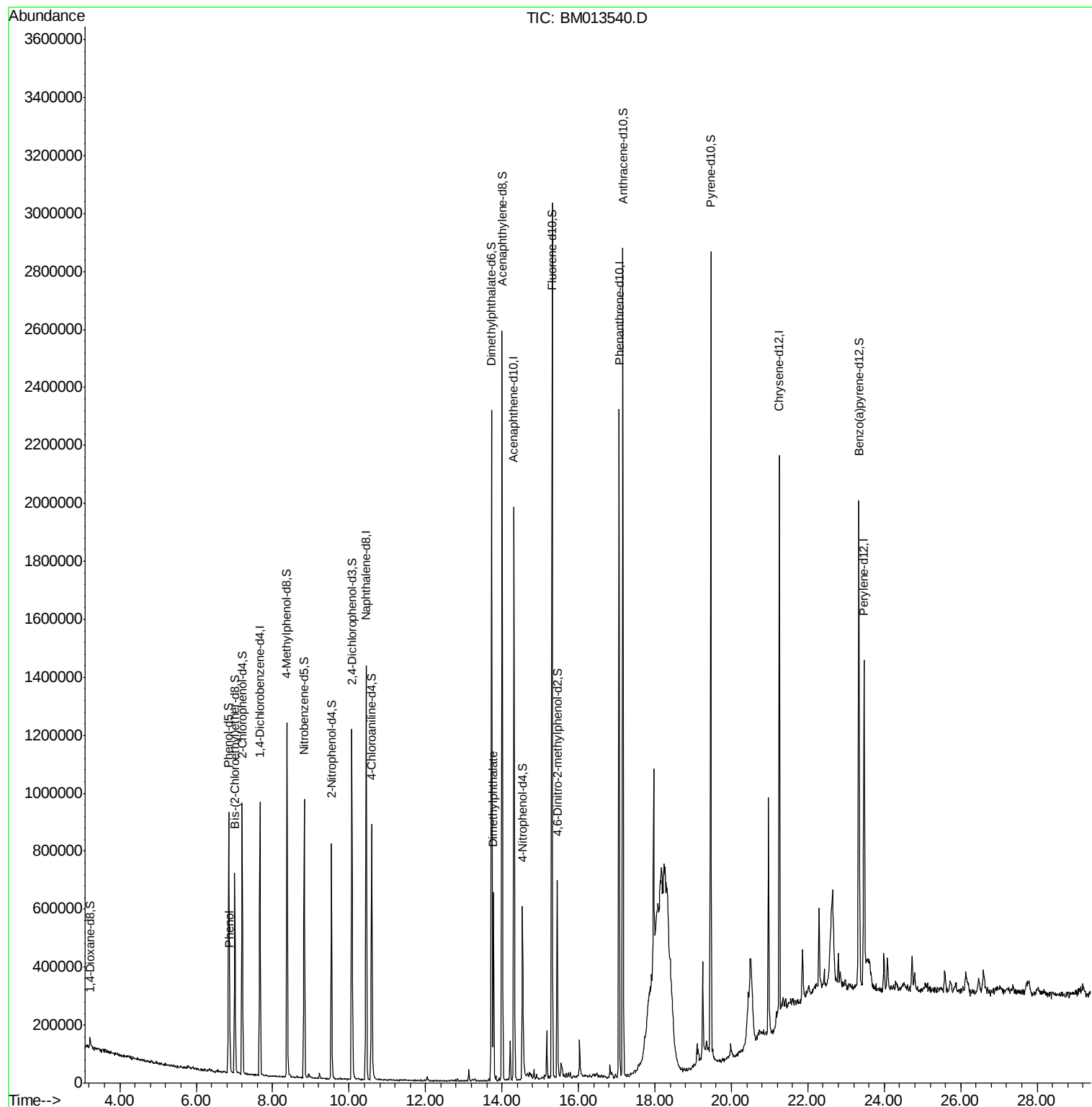
|                       |       |     |        |       | Qvalue |    |
|-----------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol             | 6.87  | 94  | 70993  | 3.428 | ng/ul# | 85 |
| 44) Dimethylphthalate | 13.77 | 163 | 375458 | 6.853 | ng/ul  | 98 |

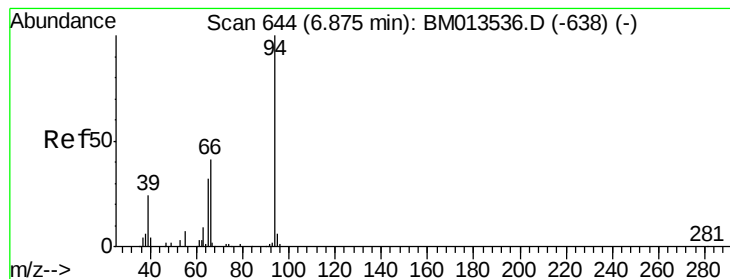
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.428 ng/ul

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM013540.D

Acq: 26 Dec 2017 18:26

Instrument :

BNA\_M

ClientSampled :

C0FL9

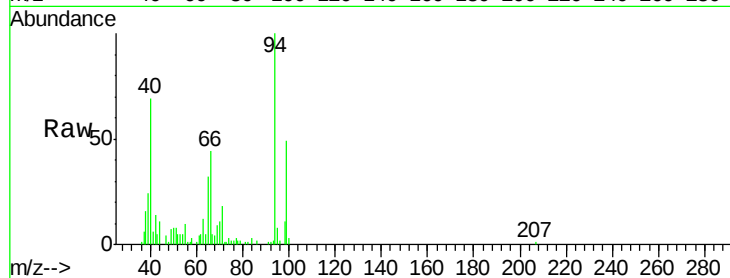
Tgt Ion: 94 Resp: 70993

Ion Ratio Lower Upper

94 100

65 31.9 28.2 42.4

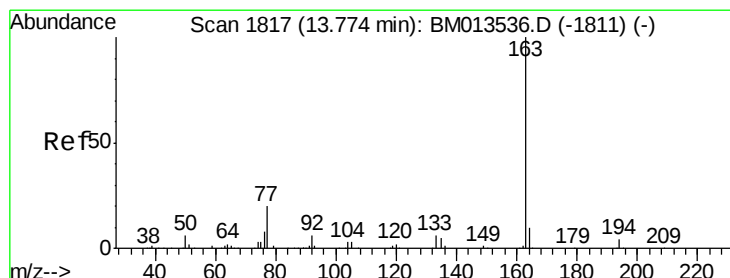
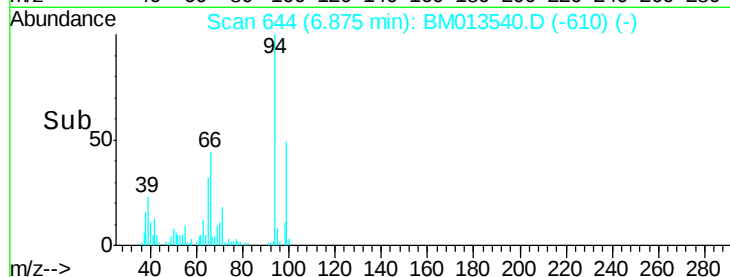
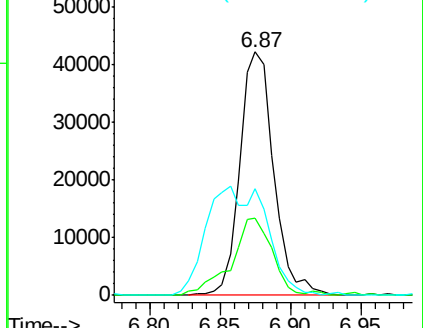
66 44.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013536.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM013536.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM013536.D (-638) (-)



#44

Dimethylphthalate

Concen: 6.853 ng/ul

RT: 13.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM013540.D

Acq: 26 Dec 2017 18:26

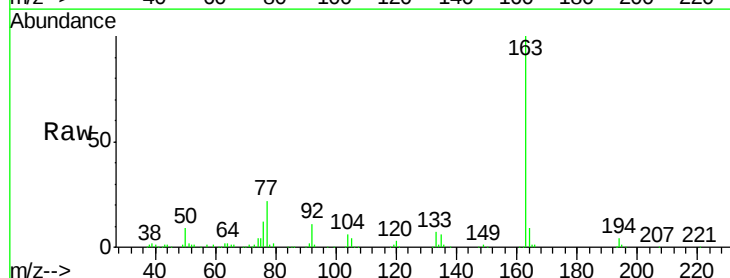
Tgt Ion: 163 Resp: 375458

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 9.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM013536.D (-1811) (-)

Ion 194.00 (193.70 to 194.70): BM013536.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BM013536.D (-1811) (-)

