

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\  
 Data File : BM012552.D  
 Acq On : 29 Oct 2017 07:47  
 Operator : SJ/JU  
 Sample : I5887-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 30 09:20:30 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 30 09:15:01 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 708014   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.66 | 136  | 2694688  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.49 | 164  | 1452935  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.24 | 188  | 2854800  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.41 | 240  | 2862170  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.71 | 264  | 3258596  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.36  | 96  | 75549   | 5.45  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.03  | 99  | 1535239 | 25.95 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.20  | 67  | 970386  | 27.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.40  | 132 | 1251182 | 28.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.57  | 113 | 1046251 | 20.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.02  | 128 | 613693  | 36.36 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.74  | 143 | 672877  | 38.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.27 | 165 | 1250274 | 27.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.79 | 131 | 1348440 | 27.77 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.90 | 166 | 3609608 | 28.44 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.19 | 160 | 4448045 | 29.63 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 482972  | 25.60 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.49 | 176 | 2937609 | 27.34 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 393681  | 28.49 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.33 | 188 | 4081294 | 30.00 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.62 | 212 | 4408305 | 33.57 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.56 | 264 | 4861781 | 31.40 | ng/ul | 0.00 |

## Target Compounds

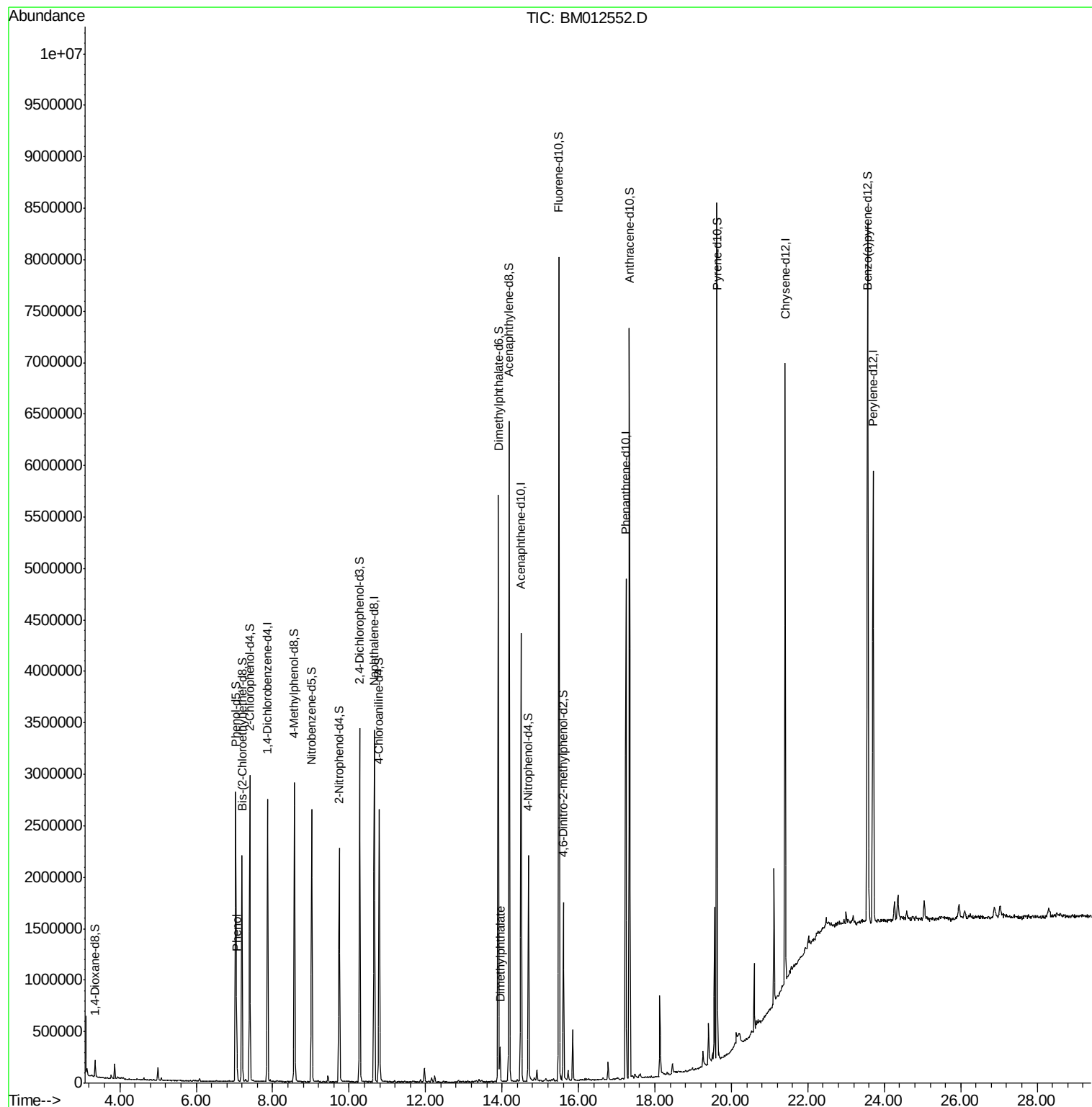
|                       |       |     |        |      |        | Ovalue |
|-----------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol             | 7.06  | 94  | 215483 | 3.50 | ng/ul# | 85     |
| 44) Dimethylphthalate | 13.95 | 163 | 200945 | 1.60 | ng/ul  | 99     |

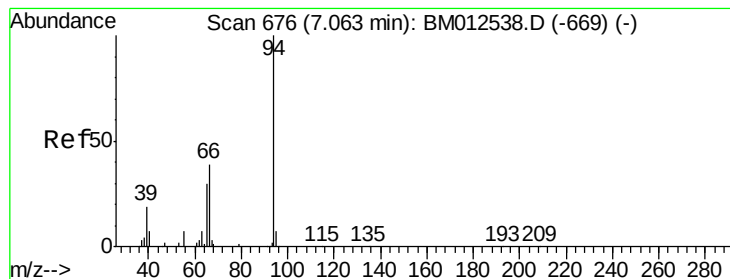
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.50 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM012552.D

Acq: 29 Oct 2017 07:47

Instrument :

BNA\_M

ClientSampleId :

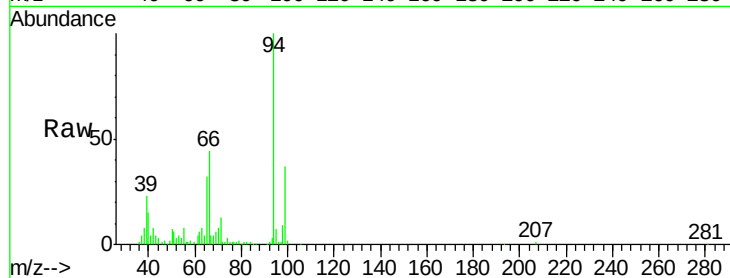
Tot Ion: 94 Resp: 215483

Ion Ratio Lower Upper

94 100

65 32.5 28.2 42.4

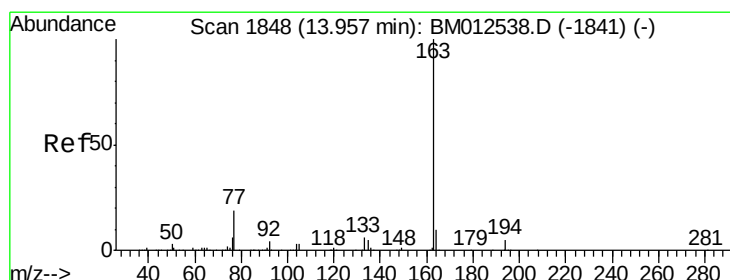
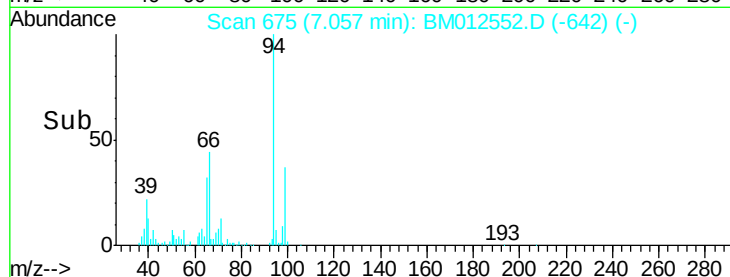
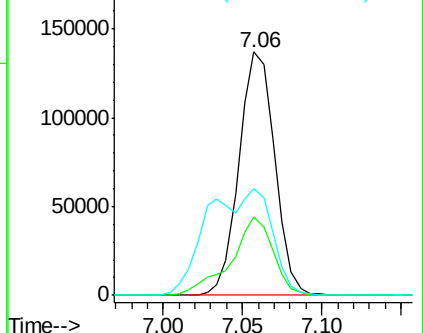
66 43.6 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012538.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM012538.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM012538.D (-669) (-)



#44

Dimethylphthalate

Concen: 1.60 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

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Acq: 29 Oct 2017 07:47

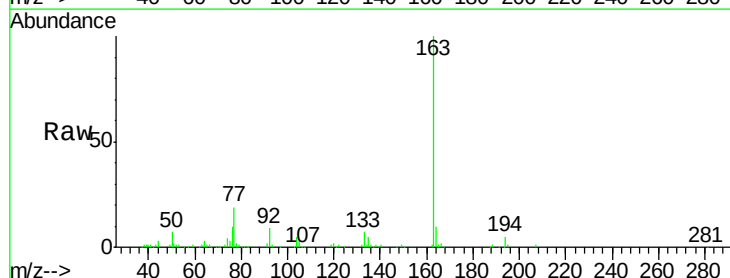
Tgt Ion: 163 Resp: 200945

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM012538.D (-1841) (-)

Ion 194.00 (193.70 to 194.70): BM012538.D (-1841) (-)

Ion 164.00 (163.70 to 164.70): BM012538.D (-1841) (-)

