

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\  
 Data File : BM012545.D  
 Acq On : 29 Oct 2017 03:34  
 Operator : SJ/JU  
 Sample : I5919-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 30 09:19:07 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 | 7.87  | 152  | 739925   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.66 | 136  | 2824950  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.50 | 164  | 1548571  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.24 | 188  | 3131139  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.41 | 240  | 3023620  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.71 | 264  | 3366790  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.36  | 96   | 63069    | 4.35  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.03  | 99   | 1306208  | 21.13 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.20  | 67   | 822379   | 22.41 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.40  | 132  | 1056589  | 22.82 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.57  | 113  | 1059809  | 20.06 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.02  | 128  | 506581   | 28.63 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.74  | 143  | 567410   | 31.13 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.28 | 165  | 1066631  | 22.09 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.79 | 131  | 1303360  | 25.60 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.90 | 166  | 3043085  | 22.49 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.19 | 160  | 3800464  | 23.75 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.69 | 143  | 421343   | 20.95 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.49 | 176  | 2496677  | 21.80 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200  | 328360   | 21.67 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.33 | 188  | 3564456  | 23.89 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.62 | 212  | 3727112  | 26.87 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.56 | 264  | 3941808  | 24.64 | ng/ul | 0.00     |

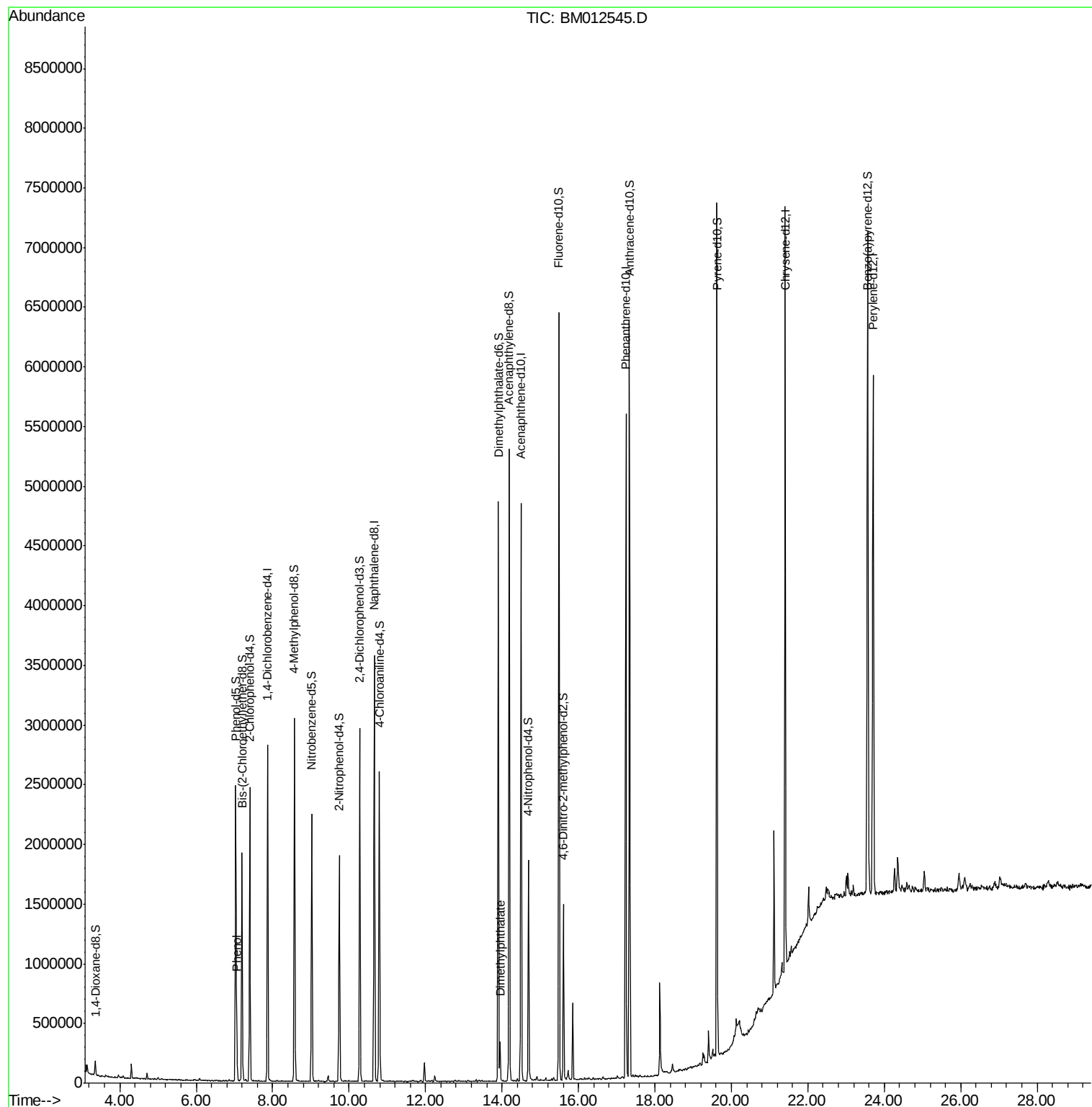
| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 6) Phenol             | 7.06  | 94   | 180570   | 2.81 | ng/ul# | 82     |
| 44) Dimethylphthalate | 13.95 | 163  | 192441   | 1.44 | ng/ul  | 100    |

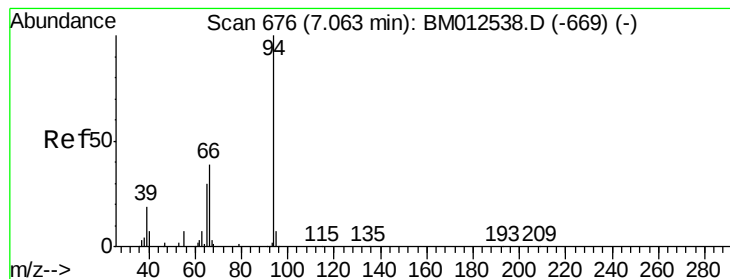
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.81 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

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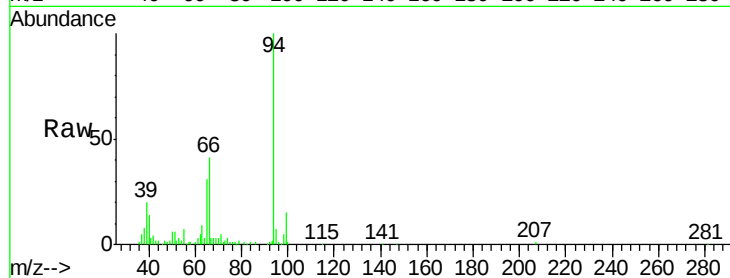
Tot Ion: 94 Resp: 180570

Ion Ratio Lower Upper

94 100

65 30.7 28.2 42.4

66 40.9 47.2 70.8#

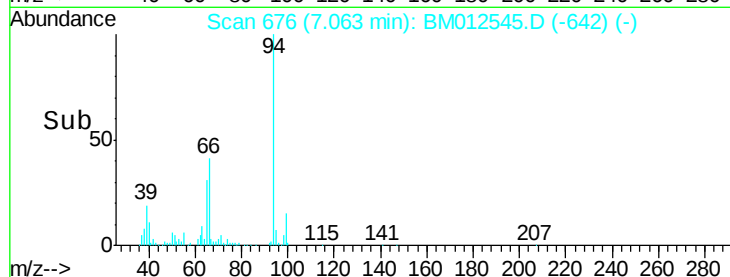


Abundance Ion 94.00 (93.70 to 94.70): BM012538.D (-669) (-)

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

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

Time-->

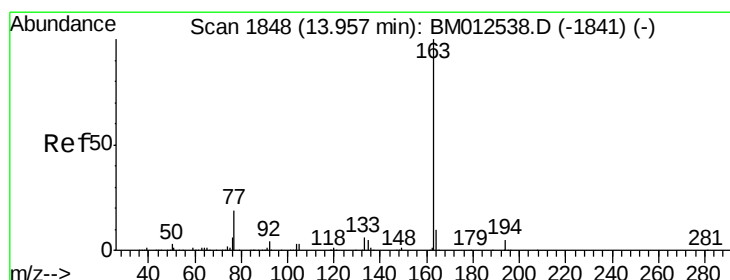


Abundance Ion 94.00 (93.70 to 94.70): BM012545.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM012545.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM012545.D (-642) (-)

Time-->



#44

Dimethylphthalate

Concen: 1.44 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

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Acq: 29 Oct 2017 03:34

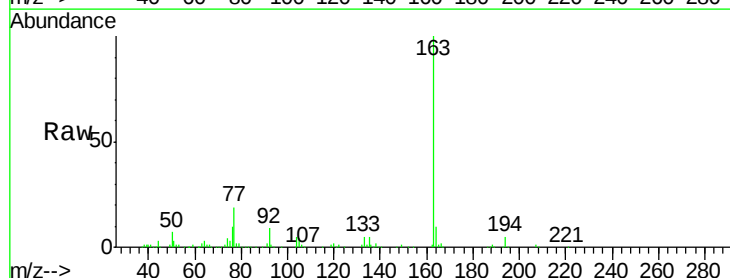
Tgt Ion: 163 Resp: 192441

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.1 8.2 12.4

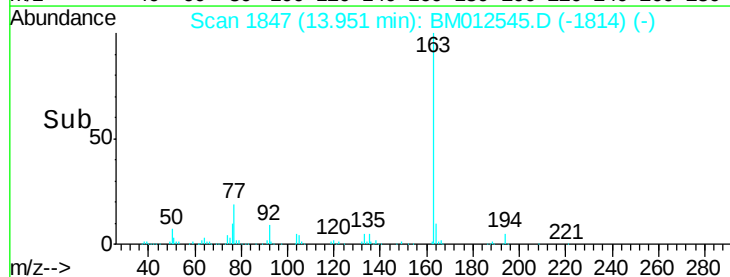


Abundance Ion 163.00 (162.70 to 163.70): BM012538.D (-1841) (-)

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

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

Time-->



Abundance Ion 163.00 (162.70 to 163.70): BM012545.D (-1814) (-)

Ion 194.00 (193.70 to 194.70): BM012545.D (-1814) (-)

Ion 164.00 (163.70 to 164.70): BM012545.D (-1814) (-)

Time-->