

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM090316\  
 Data File : BM007376.D  
 Acq On : 02 Sep 2016 20:22  
 Operator : UM/SJ  
 Sample : H4639-18  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BD394

Quant Time: Sep 03 00:40:56 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM082316.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 03 00:40:49 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 227044   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.58 | 136  | 1074829  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.43 | 164  | 734682   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.17 | 188  | 1906100  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.35 | 240  | 2610427  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.62 | 264  | 2668376  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96   | 24687    | 5.56  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.96  | 99   | 599571   | 27.96 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.13  | 67   | 349269   | 30.99 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.33  | 132  | 471557   | 29.75 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.49  | 113  | 530129   | 28.34 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.95  | 128  | 256100   | 32.46 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.66  | 143  | 298502   | 32.39 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165  | 538759   | 29.37 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.72 | 131  | 851182   | 37.20 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.83 | 166  | 2148442  | 33.90 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.12 | 160  | 2432997  | 33.12 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.63 | 143  | 373279   | 31.20 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.42 | 176  | 1803657  | 32.90 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200  | 352166   | 29.38 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.27 | 188  | 3020571  | 33.92 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.56 | 212  | 3820050  | 35.00 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.48 | 264  | 4240365  | 34.50 | ng/ul | 0.00     |

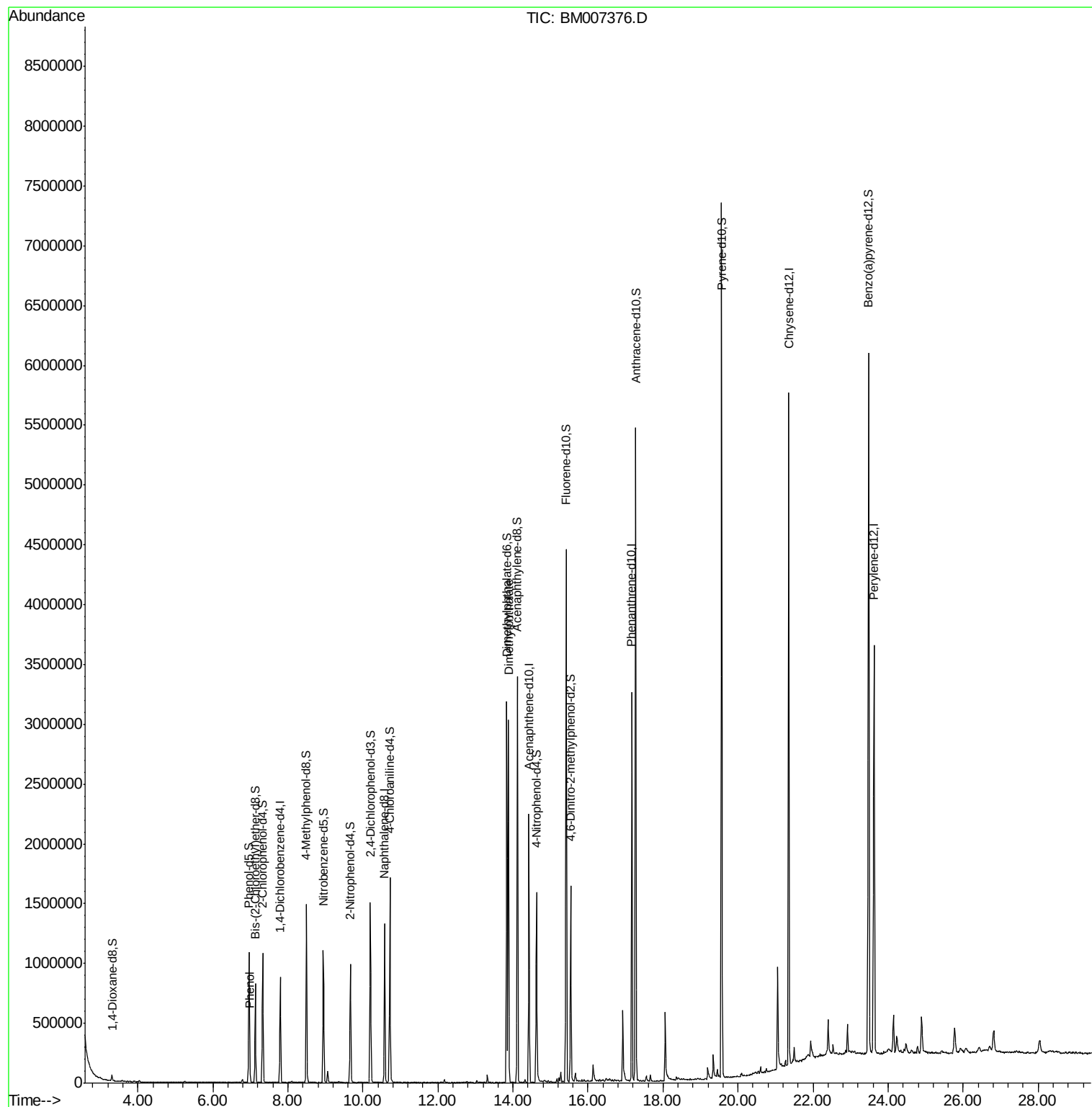
| Target Compounds      | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|-----------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol             | 6.99  | 94   | 26177    | 1.18  | ng/ul# | 86     |
| 44) Dimethylphthalate | 13.88 | 163  | 1816503  | 28.77 | ng/ul  | 99     |

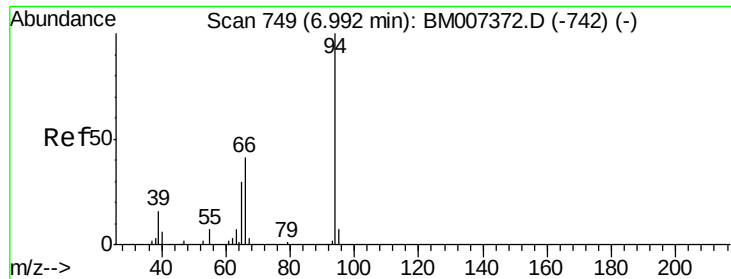
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 03 00:40:49 2016  
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#6

Phenol

Concen: 1.18 ng/ul

RT: 6.99 min Scan# 748

Delta R.T. -0.01 min

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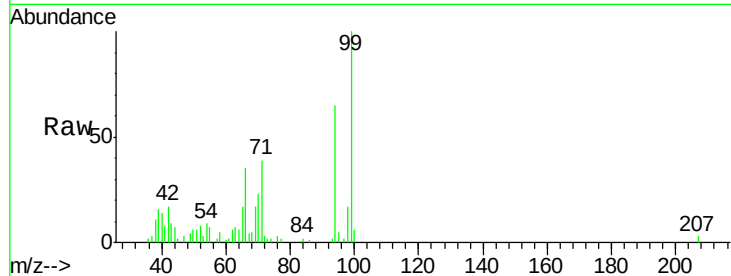
Tgt Ion: 94 Resp: 26177

Ion Ratio Lower Upper

94 100

65 26.7 23.9 35.9

66 54.5 33.5 50.3#

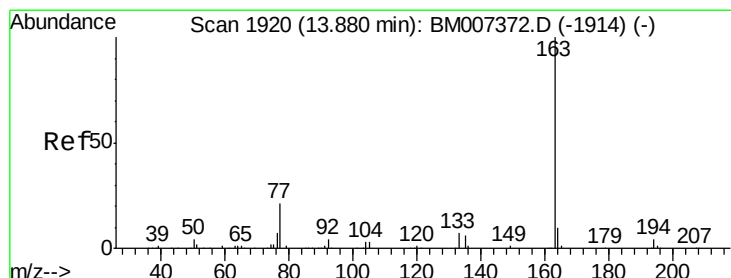
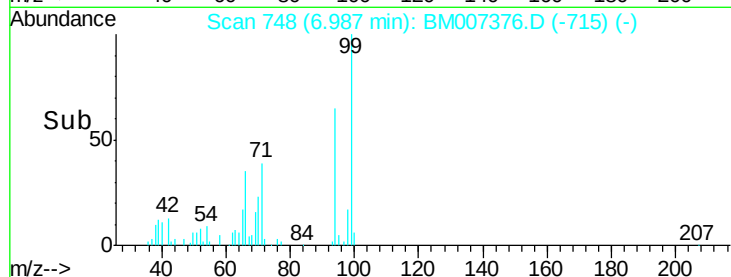
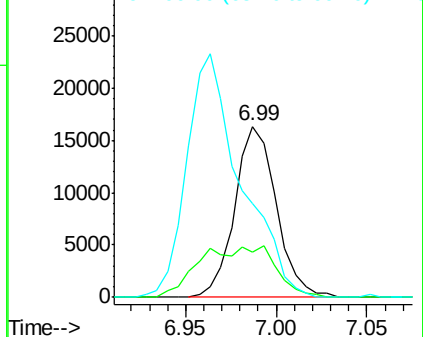


Abundance

Ion 94.00 (93.70 to 94.70): BM007372.D (-742) (-)

Ion 65.00 (64.70 to 65.70): BM007372.D (-742) (-)

Ion 66.00 (65.70 to 66.70): BM007372.D (-742) (-)



#44

Dimethylphthalate

Concen: 28.77 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. 0.00 min

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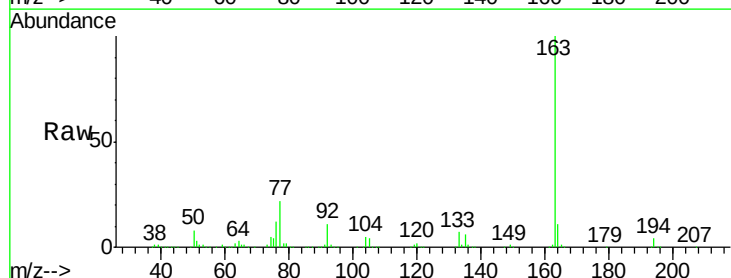
Tgt Ion: 163 Resp: 1816503

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.5 7.8 11.8



Abundance

Ion 163.00 (162.70 to 163.70): BM007372.D (-1914) (-)

Ion 194.00 (193.70 to 194.70): BM007372.D (-1914) (-)

Ion 164.00 (163.70 to 164.70): BM007372.D (-1914) (-)

