

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\  
 Data File : BM000254.D  
 Acq On : 17 Jan 2015 04:04  
 Operator : TP/IZ  
 Sample : G1065-20  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ClientSampleId :  
 C0AEO

Quant Time: Jan 19 00:23:41 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 14 12:47:10 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 137941   | 20.00 | ng/ul | -0.03    |
| 18) Naphthalene-d8        | 10.62 | 136  | 564357   | 20.00 | ng/ul | -0.03    |
| 35) Acenaphthene-d10      | 14.46 | 164  | 381644   | 20.00 | ng/ul | -0.03    |
| 61) Phenanthrene-d10      | 17.20 | 188  | 757639   | 20.00 | ng/ul | -0.02    |
| 75) Chrysene-d12          | 21.39 | 240  | 808923   | 20.00 | ng/ul | -0.02    |
| 83) Perylene-d12          | 23.68 | 264  | 785595   | 20.00 | ng/ul | -0.03    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96   | 16175    | 6.80  | ng/uL | -0.01    |
| 5) Phenol-d5                   | 6.99  | 99   | 362063   | 31.20 | ng/ul | -0.02    |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67   | 239989   | 32.72 | ng/ul | -0.02    |
| 9) 2-Chlorophenol-d4           | 7.36  | 132  | 274770   | 32.29 | ng/ul | -0.02    |
| 13) 4-Methylphenol-d8          | 8.52  | 113  | 261599   | 28.34 | ng/ul | -0.02    |
| 19) Nitrobenzene-d5            | 8.98  | 128  | 130619   | 33.47 | ng/ul | -0.03    |
| 22) 2-Nitrophenol-d4           | 9.70  | 143  | 143686   | 36.06 | ng/ul | -0.03    |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165  | 273792   | 31.11 | ng/ul | -0.02    |
| 29) 4-Chloroaniline-d4         | 10.75 | 131  | 311361   | 31.18 | ng/ul | -0.03    |
| 43) Dimethylphthalate-d6       | 13.87 | 166  | 869833   | 30.90 | ng/ul | -0.02    |
| 46) Acenaphthylene-d8          | 14.15 | 160  | 1035037  | 30.69 | ng/ul | -0.02    |
| 51) 4-Nitrophenol-d4           | 14.65 | 143  | 121045   | 26.42 | ng/ul | -0.01    |
| 57) Fluorene-d10               | 15.45 | 176  | 743414   | 30.76 | ng/ul | -0.03    |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200  | 105367   | 29.35 | ng/ul | -0.03    |
| 70) Anthracene-d10             | 17.30 | 188  | 1150695  | 32.85 | ng/ul | -0.02    |
| 76) Pyrene-d10                 | 19.60 | 212  | 1201002  | 32.18 | ng/ul | -0.02    |
| 87) Benzo(a)pyrene-d12         | 23.53 | 264  | 1167577  | 32.74 | ng/ul | -0.04    |

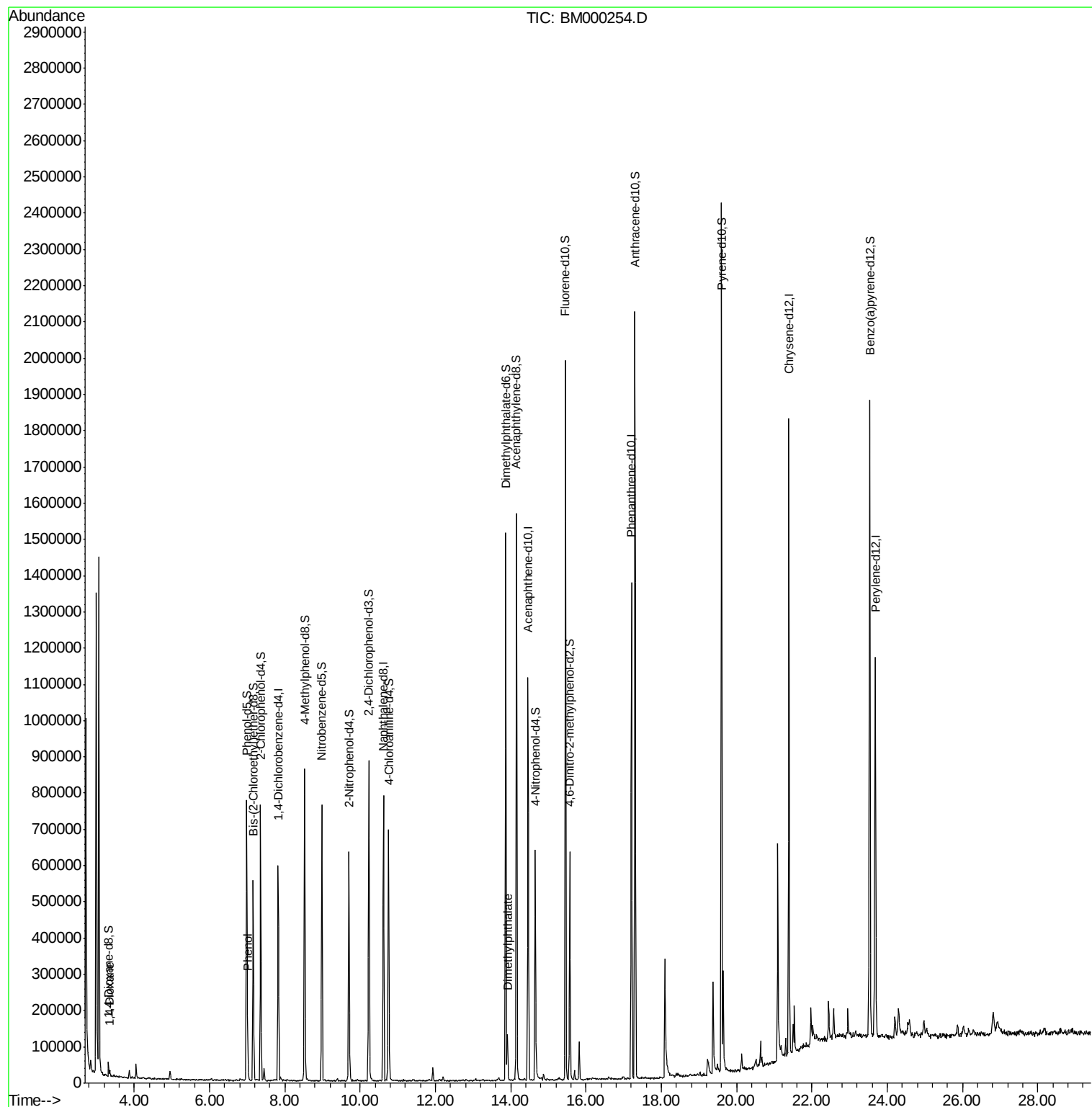
| Target Compounds      | R.T.  | QIon | Response | Conc | Units | Ovalue |
|-----------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane        | 3.35  | 88   | 5711     | 1.73 | ng/ul | 94     |
| 6) Phenol             | 7.01  | 94   | 27188    | 2.22 | ng/ul | 94     |
| 44) Dimethylphthalate | 13.92 | 163  | 65515    | 2.34 | ng/ul | 97     |

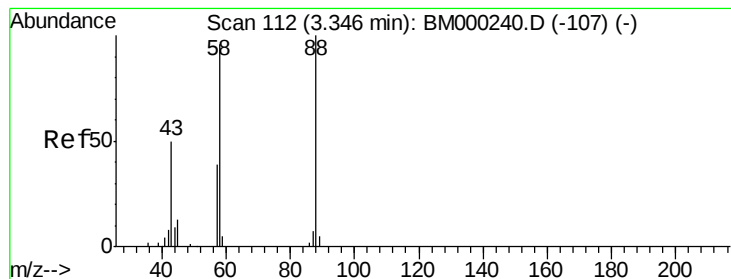
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.73 ng/uL

RT: 3.35 min Scan# 112

Delta R.T. -0.02 min

Lab File: BM000254.D

Acq: 17 Jan 2015 04:04

Instrument :

ClientSampled :

C0AE0

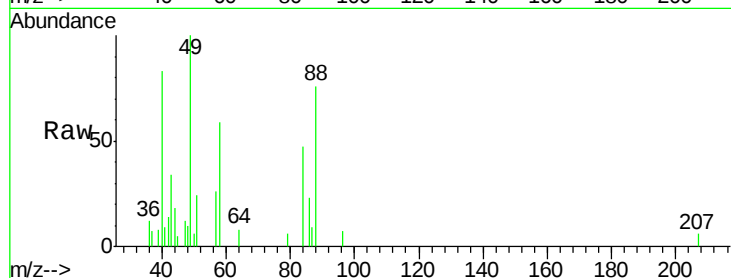
Tot Ion: 88 Resp: 5711

Ion Ratio Lower Upper

88 100

43 39.5 34.9 52.3

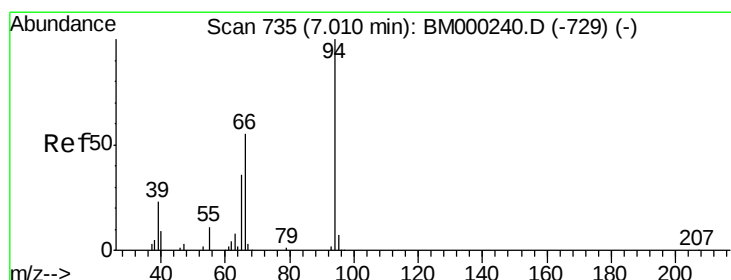
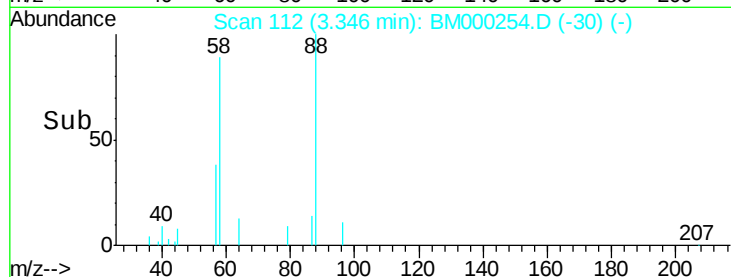
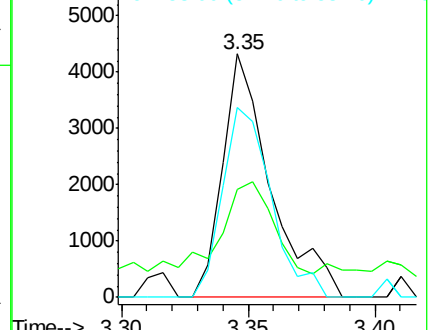
58 79.0 67.3 100.9



Abundance Ion 88.00 (87.70 to 88.70): BM000254.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM000254.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM000254.D (-30) (-)



#6

Phenol

Concen: 2.22 ng/uL

RT: 7.01 min Scan# 735

Delta R.T. -0.02 min

Lab File: BM000254.D

Acq: 17 Jan 2015 04:04

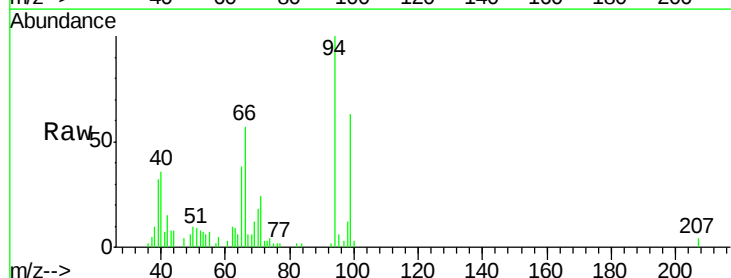
Tgt Ion: 94 Resp: 27188

Ion Ratio Lower Upper

94 100

65 37.7 27.4 41.0

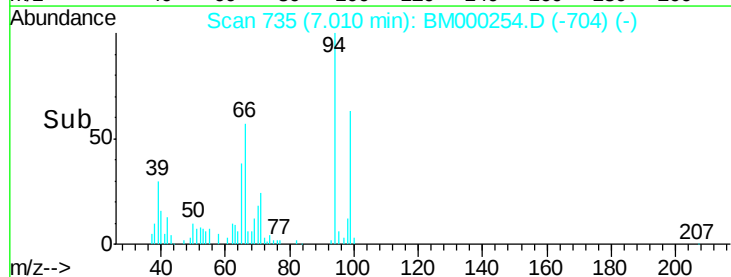
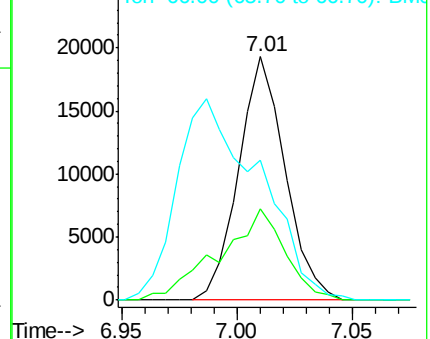
66 57.5 42.5 63.7

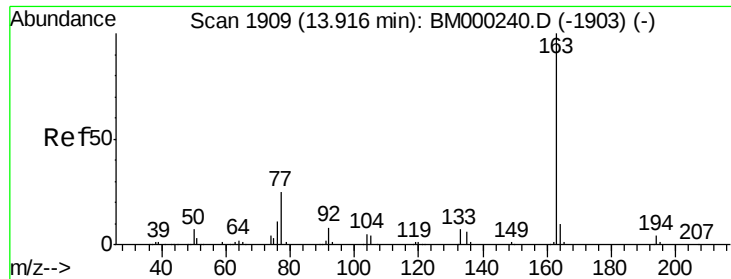


Abundance Ion 94.00 (93.70 to 94.70): BM000254.D (-704) (-)

Ion 65.00 (64.70 to 65.70): BM000254.D (-704) (-)

Ion 66.00 (65.70 to 66.70): BM000254.D (-704) (-)





#44

Dimethylphthalate

Concen: 2.34 ng/ul

RT: 13.92 min Scan# 1909

Delta R.T. -0.02 min

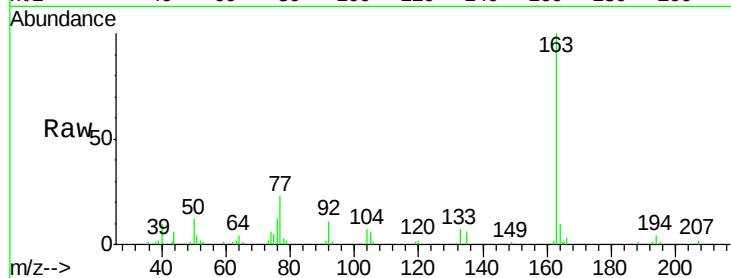
Lab File: BM000254.D

Acq: 17 Jan 2015 04:04

Instrument :

ClientSampleId :

C0AE0



|             |       |             |
|-------------|-------|-------------|
| Tot Ion:163 | Resp: | 65515       |
| Ion         | Ratio | Lower Upper |
| 163         | 100   |             |
| 194         | 4.4   | 3.0 4.4     |
| 164         | 9.5   | 8.5 12.7    |

