

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012015\  
 Data File : BM000290.D  
 Acq On : 21 Jan 2015 08:15  
 Operator : TP/IZ  
 Sample : G1105-02  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ClientSampleId :  
 C0AS4

Quant Time: Jan 22 02:25:51 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM122914.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 22 02:18:21 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 168056   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.61 | 136  | 655670   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 422012   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.20 | 188  | 854183   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.39 | 240  | 970892   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.67 | 264  | 957866   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.31  | 96   | 19960    | 6.89  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.98  | 99   | 411418   | 29.10 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67   | 291393   | 32.61 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.35  | 132  | 307290   | 29.64 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.52  | 113  | 294760   | 26.21 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.97  | 128  | 157682   | 34.78 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.69  | 143  | 163272   | 35.27 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165  | 296382   | 28.98 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.75 | 131  | 328932   | 28.35 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.86 | 166  | 936008   | 30.07 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.14 | 160  | 1139656  | 30.56 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.64 | 143  | 123616   | 24.40 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.44 | 176  | 793290   | 29.68 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200  | 93141    | 23.01 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.30 | 188  | 1199723  | 30.37 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.59 | 212  | 1312484  | 29.30 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.53 | 264  | 1172243  | 26.96 | ng/ul | 0.00     |

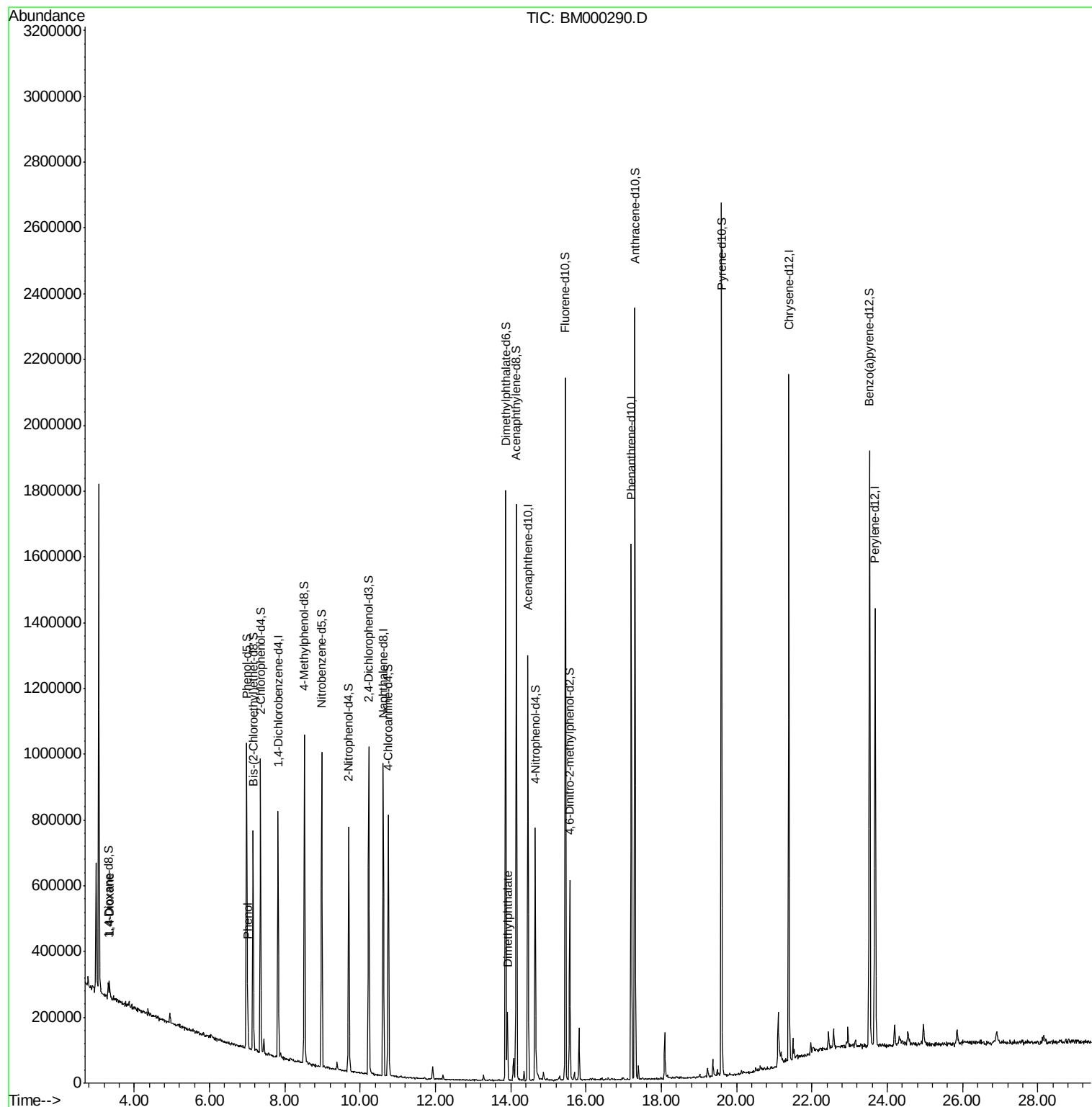
| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 2) 1,4-Dioxane        | 3.35  | 88   | 25522    | 6.35 | ng/uL# | 88     |
| 6) Phenol             | 7.01  | 94   | 54216    | 3.64 | ng/ul  | 94     |
| 44) Dimethylphthalate | 13.91 | 163  | 101963   | 3.29 | ng/ul  | 97     |

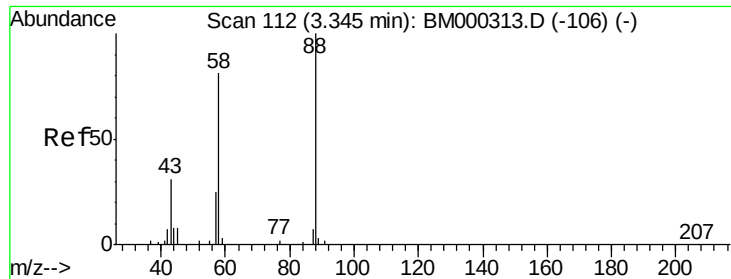
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0AS4

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM122914.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 22 02:18:21 2015  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 6.35 ng/uL

RT: 3.35 min Scan# 112

Delta R.T. -0.00 min

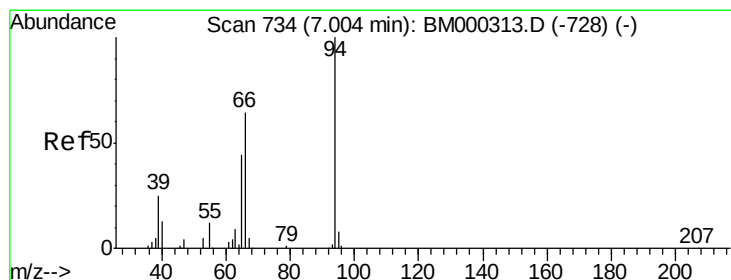
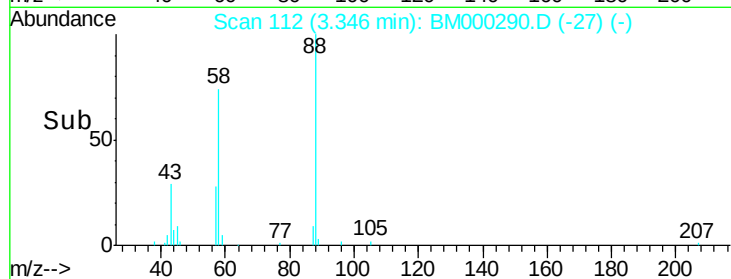
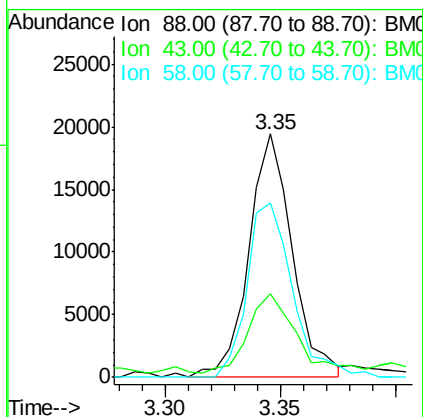
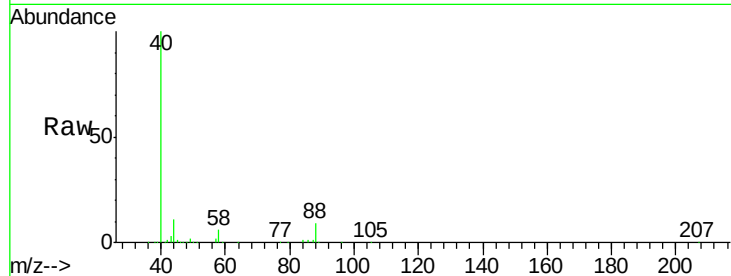
Lab File: BM000290.D

Acq: 21 Jan 2015 08:15

Instrument :  
ClientSampled :  
C0AS4

Tgt Ion: 88 Resp: 25522

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 32.6  | 34.9  | 52.3# |
| 58  | 75.4  | 67.3  | 100.9 |



#6

Phenol

Concen: 3.64 ng/uL

RT: 7.01 min Scan# 735

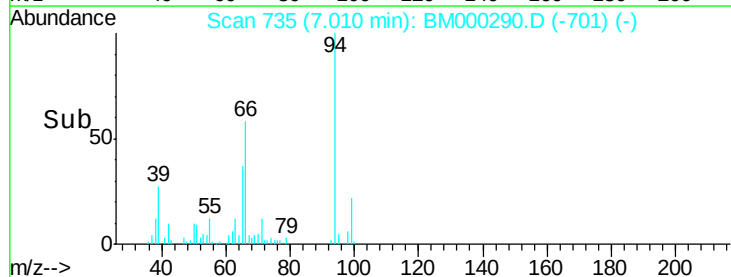
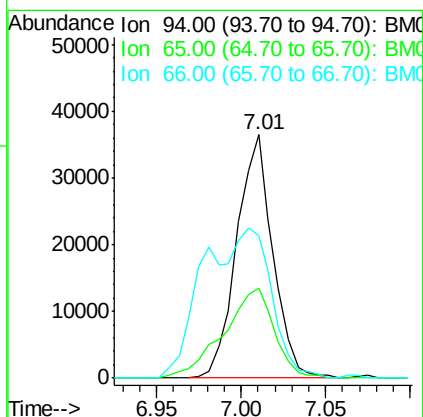
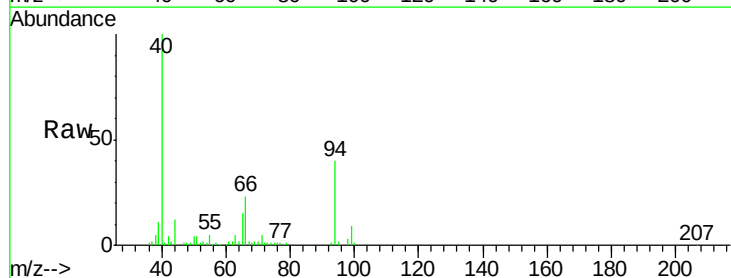
Delta R.T. -0.00 min

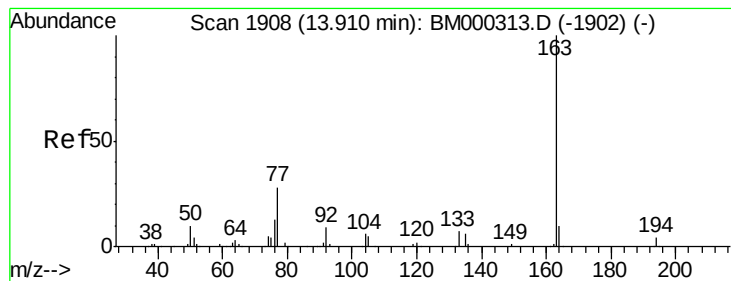
Lab File: BM000290.D

Acq: 21 Jan 2015 08:15

Tgt Ion: 94 Resp: 54216

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 36.8  | 27.4  | 41.0  |
| 66  | 58.4  | 42.5  | 63.7  |





#44

Dimethylphthalate

Concen: 3.29 ng/ul

RT: 13.91 min Scan# 1908

Delta R.T. -0.00 min

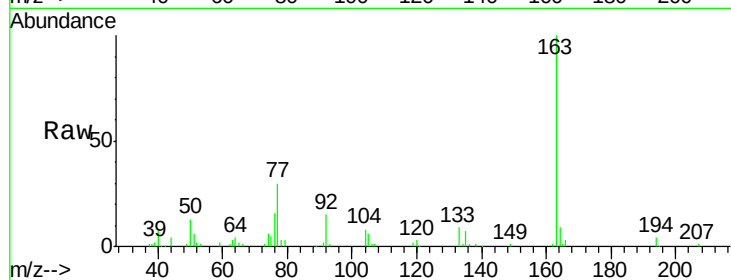
Lab File: BM000290.D

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Instrument :

ClientSampleId :

C0AS4



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 101963 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 3.9   | 3.0   | 4.4    |
| 164      | 9.4   | 8.5   | 12.7   |

