

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG020217\  
 Data File : BG025753.D  
 Acq On : 2 Feb 2017 11:21  
 Operator : SJ/MA  
 Sample : I1449-09  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 H0FH7

Manual Integrations  
 APPROVED

mohammad  
 2/3/2017 11:38:02 AM

Quant Time: Feb 02 15:10:39 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 02 14:22:02 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 88724m   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.99 | 136  | 399082m  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.80 | 164  | 303211   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.54 | 188  | 623212   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.83 | 240  | 731126   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.21 | 264  | 752780   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96  | 7242    | 4.08  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.33  | 99  | 171360  | 22.53 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 122041m | 24.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 123775m | 23.08 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.89  | 113 | 133519  | 20.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.36  | 128 | 66717   | 23.58 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 10.08 | 143 | 75830   | 22.47 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.63 | 165 | 135717  | 20.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.15 | 131 | 168964  | 22.70 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.20 | 166 | 481133  | 22.47 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.50 | 160 | 573502  | 24.80 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 57540   | 19.61 | ng/ul | 0.03 |
| 57) Fluorene-d10               | 15.79 | 176 | 438360  | 21.72 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.95 | 200 | 54225   | 14.11 | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.64 | 188 | 681444  | 25.68 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.92 | 212 | 811138  | 26.66 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.98 | 264 | 796101m | 25.16 | ng/ul | 0.00 |

| Target Compounds      |       |     |       |      |        | Qvalue |
|-----------------------|-------|-----|-------|------|--------|--------|
| 6) Phenol             | 7.36  | 94  | 38636 | 4.84 | ng/ul  | 95     |
| 44) Dimethylphthalate | 14.24 | 163 | 79689 | 3.78 | ng/ul# | 96     |

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

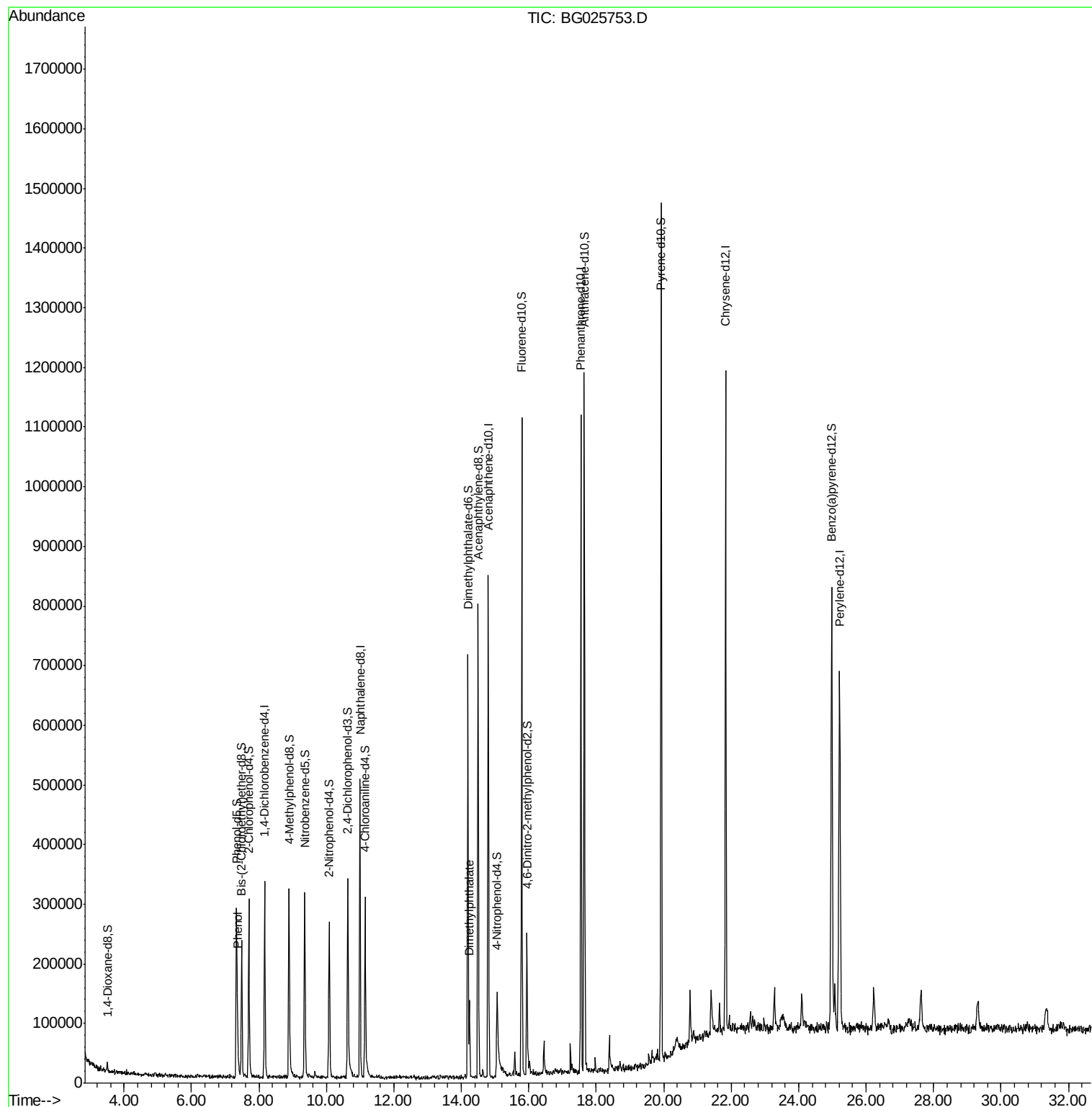
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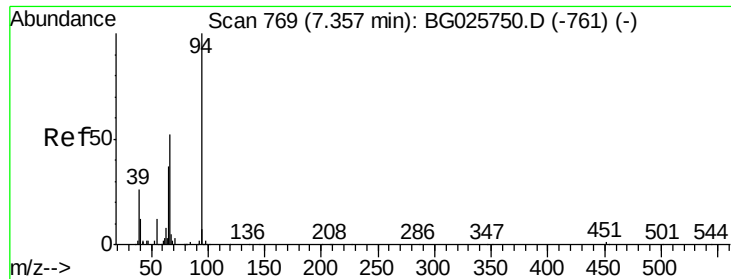
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QLast Update : Thu Feb 02 14:22:02 2017  
Response via : Initial Calibration





#6

Phenol

Concen: 4.84 ng/ul

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025753.D

Acq: 2 Feb 2017 11:21

Instrument :

BNA\_G

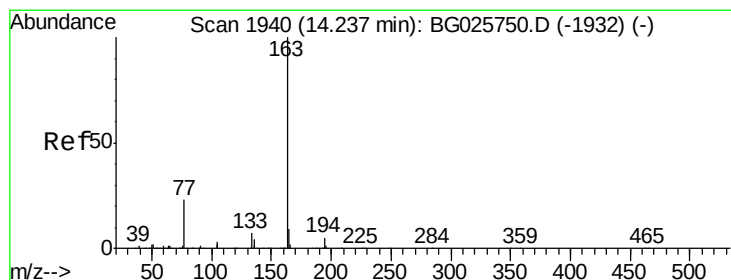
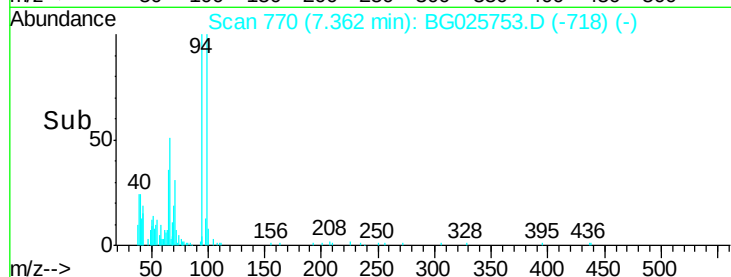
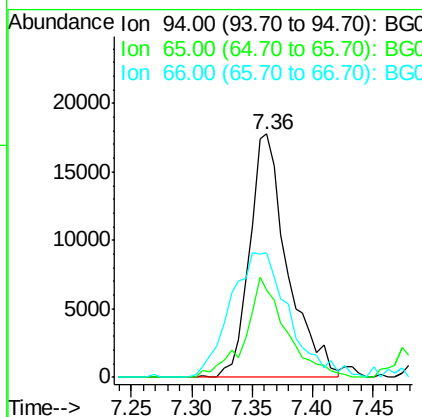
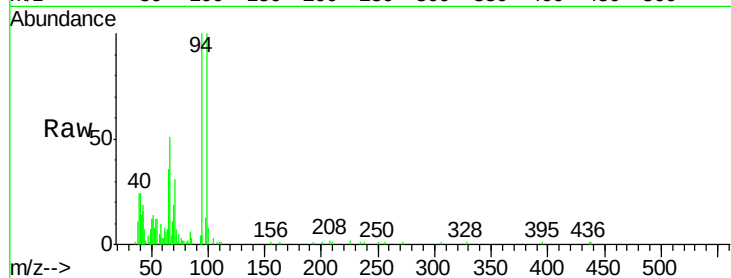
ClientSampleId :

H0FH7

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 38636 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 35.7  | 26.8  | 40.2  |
| 66        | 51.4  | 44.4  | 66.6  |

Manual Integrations  
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#44

Dimethylphthalate

Concen: 3.78 ng/ul

RT: 14.24 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG025753.D

Acq: 2 Feb 2017 11:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 79689 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.1   | 3.4   | 5.0#  |
| 164       | 9.8   | 9.0   | 13.4  |

