

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\  
 Data File : BG025649.D  
 Acq On : 26 Jan 2017 1:34  
 Operator : SJ/MA  
 Sample : I1362-13  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDN04

Manual Integrations  
 APPROVED

mohammad  
 1/26/2017 5:11:45 PM

Quant Time: Jan 26 09:54:29 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 25 18:08:33 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 102206   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 475554   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.80 | 164  | 361707   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.55 | 188  | 678405m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 778244   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 818568   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96   | 5134     | 2.51  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.33  | 99   | 160211   | 18.29 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67   | 105378   | 18.63 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.71  | 132  | 116199   | 18.81 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.89  | 113  | 113091   | 15.19 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.36  | 128  | 58164    | 17.25 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.08 | 143  | 74259    | 18.46 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.64 | 165  | 143012   | 18.02 | ng/ul | 0.01     |
| 29) 4-Chloroaniline-d4         | 11.17 | 131  | 55989    | 6.31  | ng/ul | 0.01     |
| 43) Dimethylphthalate-d6       | 14.20 | 166  | 475461   | 18.61 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.51 | 160  | 544565   | 19.74 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.06 | 143  | 47064    | 13.45 | ng/ul | 0.02     |
| 57) Fluorene-d10               | 15.80 | 176  | 432849   | 17.98 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.94 | 200  | 63138    | 15.09 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.65 | 188  | 594431   | 20.58 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.93 | 212  | 689337   | 21.29 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.01 | 264  | 683870   | 19.88 | ng/ul | 0.01     |

| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 6) Phenol             | 7.37  | 94   | 27668    | 3.01 | ng/ul# | 92     |
| 44) Dimethylphthalate | 14.25 | 163  | 96049    | 3.82 | ng/ul  | 98     |

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

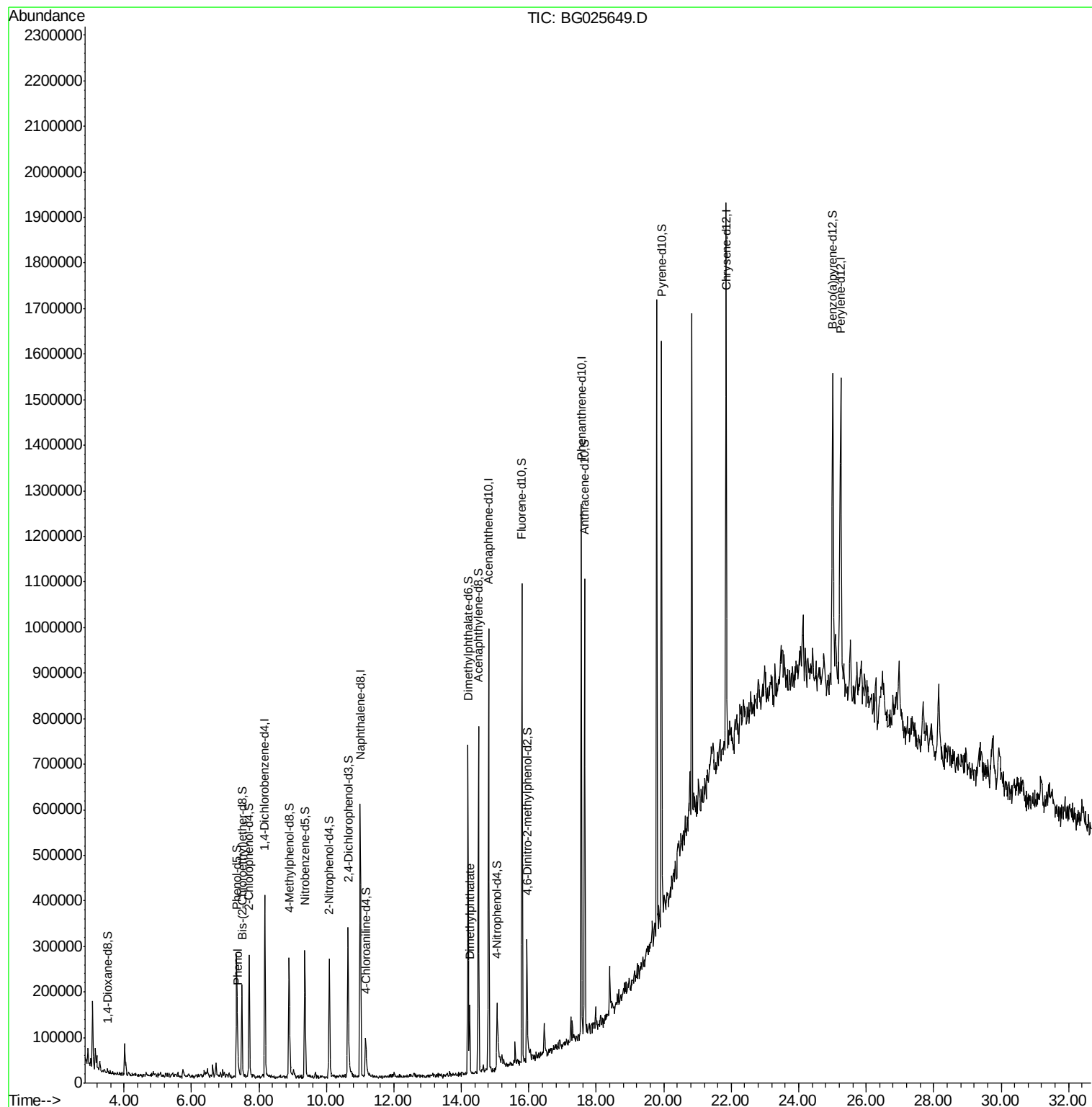
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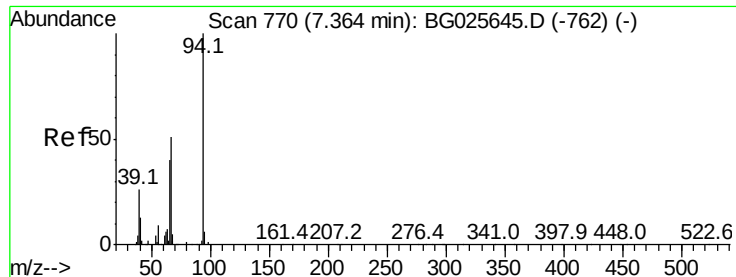
Instrument :  
BNA\_G  
ClientSampleId :  
BDN04

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QLast Update : Wed Jan 25 18:08:33 2017  
Response via : Initial Calibration





#6

Phenol

Concen: 3.01 ng/ul

RT: 7.37 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG025649.D

Acq: 26 Jan 2017 1:34

Instrument :

BNA\_G

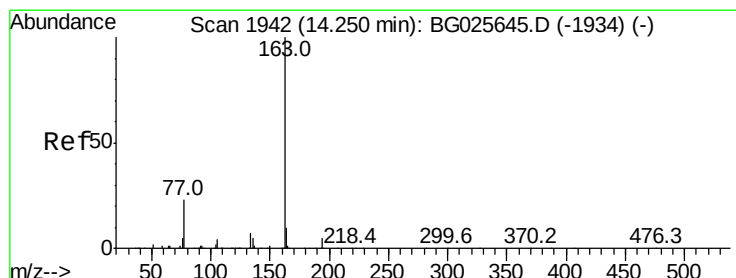
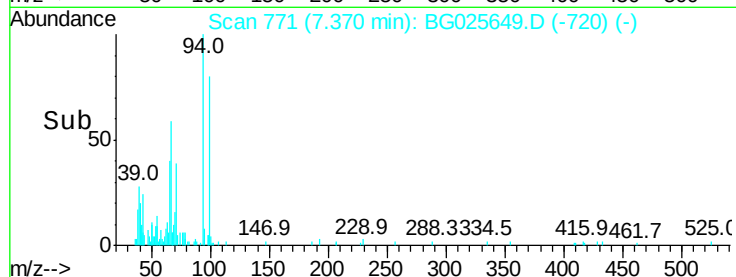
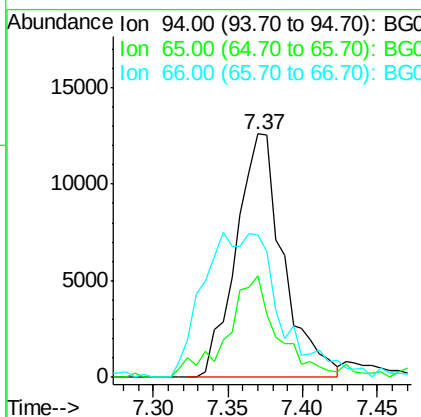
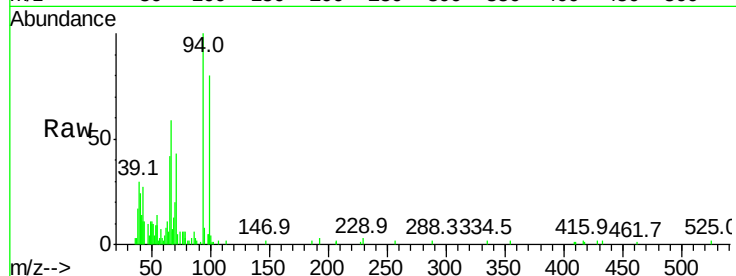
ClientSampleId :

BDN04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 94    | Resp: | 27668 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 41.8  | 26.8  | 40.2# |
| 66        | 58.5  | 44.4  | 66.6  |

Manual Integrations  
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#44

Dimethylphthalate

Concen: 3.82 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG025649.D

Acq: 26 Jan 2017 1:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 96049 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.5   | 3.4   | 5.0   |
| 164       | 10.3  | 9.0   | 13.4  |

