

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
 Data File : BG023810.D  
 Acq On : 20 Aug 2016 10:18  
 Operator : UM/SJ  
 Sample : H4496-07  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHPT3

Manual Integrations  
 APPROVED

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 8/22/2016 3:53:14 PM

Quant Time: Aug 22 04:13:01 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 22 03:42:09 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 94219    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 412269   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 265531   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 635768   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 685321   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.22 | 264  | 658344   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.47  | 96  | 14696   | 7.08  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.25  | 99  | 305090  | 34.53 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 216119m | 35.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.62  | 132 | 219594  | 35.02 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.81  | 113 | 236241  | 34.20 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.27  | 128 | 114271  | 34.31 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.00 | 143 | 139148  | 36.64 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165 | 233224  | 33.97 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.07 | 131 | 308658  | 36.74 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.16 | 166 | 788731  | 35.83 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.46 | 160 | 878940  | 35.26 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.99 | 143 | 103801  | 29.18 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.77 | 176 | 681283  | 35.45 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 108033  | 26.81 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.63 | 188 | 1055348 | 36.01 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.92 | 212 | 1200130 | 36.50 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.99 | 264 | 1130534 | 37.51 | ng/ul | 0.00 |

| Target Compounds      |       |     |        |       |        | Qvalue |
|-----------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol             | 7.28  | 94  | 25419  | 2.81  | ng/ul# | 73     |
| 44) Dimethylphthalate | 14.21 | 163 | 497852 | 22.62 | ng/ul  | 99     |

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

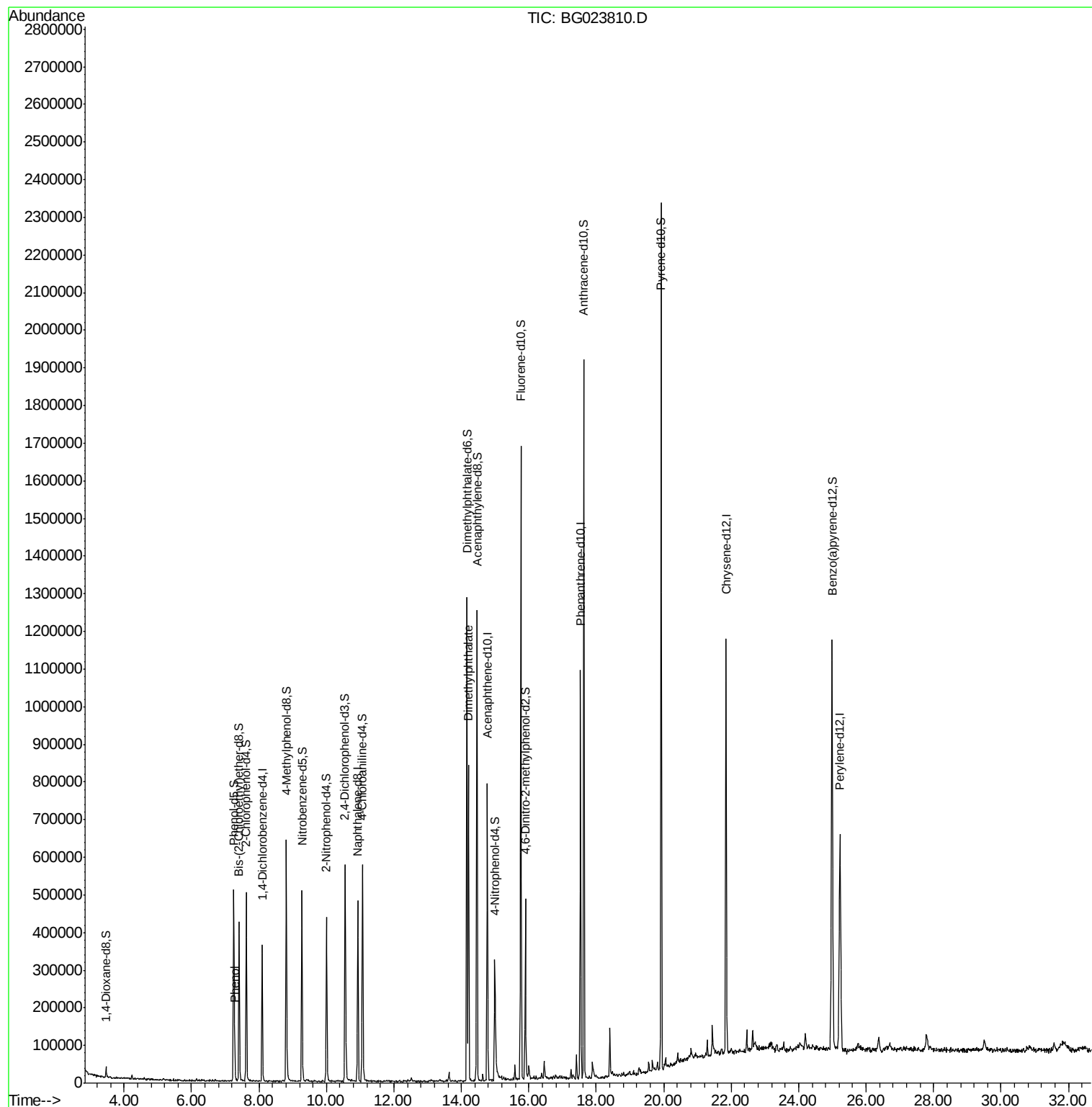
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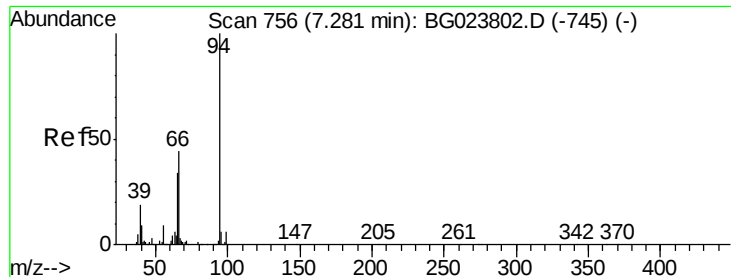
Instrument :  
BNA\_G  
ClientSampleId :  
JHPT3

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Response via : Initial Calibration





#6

Phenol

Concen: 2.81 ng/ul

RT: 7.28 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023810.D

Acq: 20 Aug 2016 10:18

Instrument :

BNA\_G

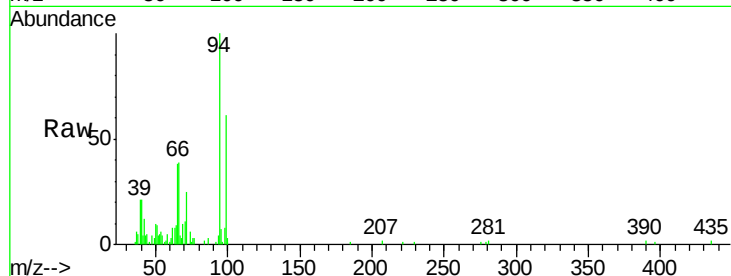
ClientSampleId :

JHPT3

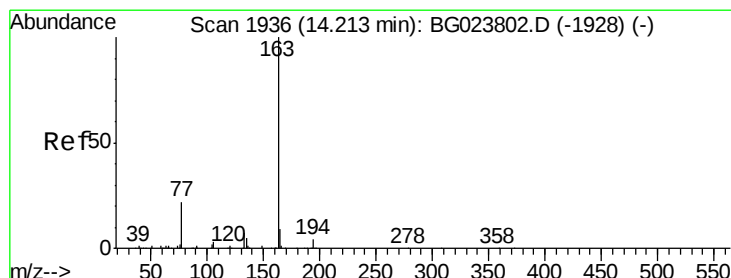
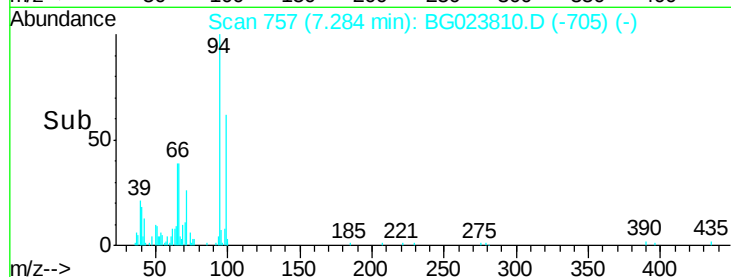
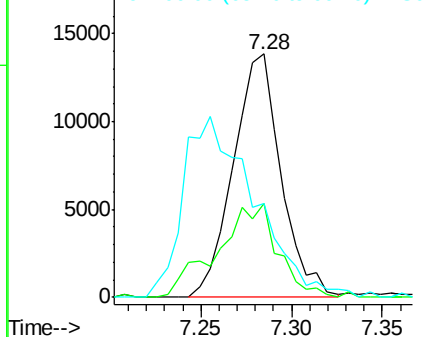
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 25419 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 38.3  | 16.8  | 25.2# |
| 66        | 38.7  | 22.6  | 33.8# |

Manual Integrations  
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Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 22.62 ng/ul

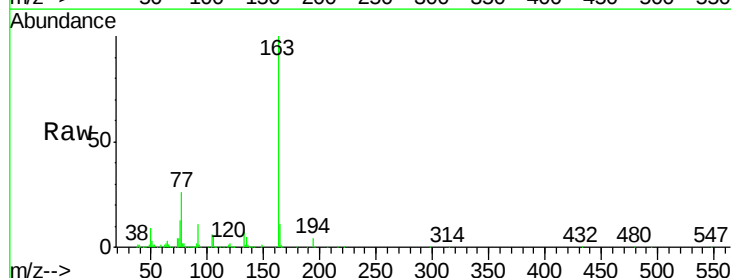
RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG023810.D

Acq: 20 Aug 2016 10:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 497852 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.6   | 3.4   | 5.2    |
| 164       | 10.8  | 8.8   | 13.2   |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

