

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\  
 Data File : BG023775.D  
 Acq On : 19 Aug 2016 2:04  
 Operator : UM/SJ  
 Sample : H4492-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHPS2

Manual Integrations  
 APPROVED

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 8/19/2016 6:37:41 PM

Quant Time: Aug 19 04:08:45 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 19 04:06:00 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 100601   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 425645   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 281425   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 693674   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.84 | 240  | 776115   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.22 | 264  | 674533   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.47  | 96  | 10161   | 4.59  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.25  | 99  | 244847  | 25.96 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 182023  | 28.16 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.63  | 132 | 175765  | 26.25 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.81  | 113 | 196730  | 26.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.27  | 128 | 97570m  | 28.38 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 109586  | 27.95 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.55 | 165 | 183442  | 25.88 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.07 | 131 | 255371  | 29.44 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.16 | 166 | 709222  | 30.40 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.46 | 160 | 775354  | 29.35 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.99 | 143 | 100653  | 26.69 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.76 | 176 | 606655  | 29.78 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 100114  | 22.77 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.63 | 188 | 962327  | 30.09 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.92 | 212 | 1150578 | 30.90 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.98 | 264 | 936853  | 30.34 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |        |       | Ovalue |    |
|-----------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol             | 7.28  | 94  | 19798  | 2.05  | ng/ul# | 73 |
| 44) Dimethylphthalate | 14.21 | 163 | 821249 | 35.20 | ng/ul  | 99 |

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

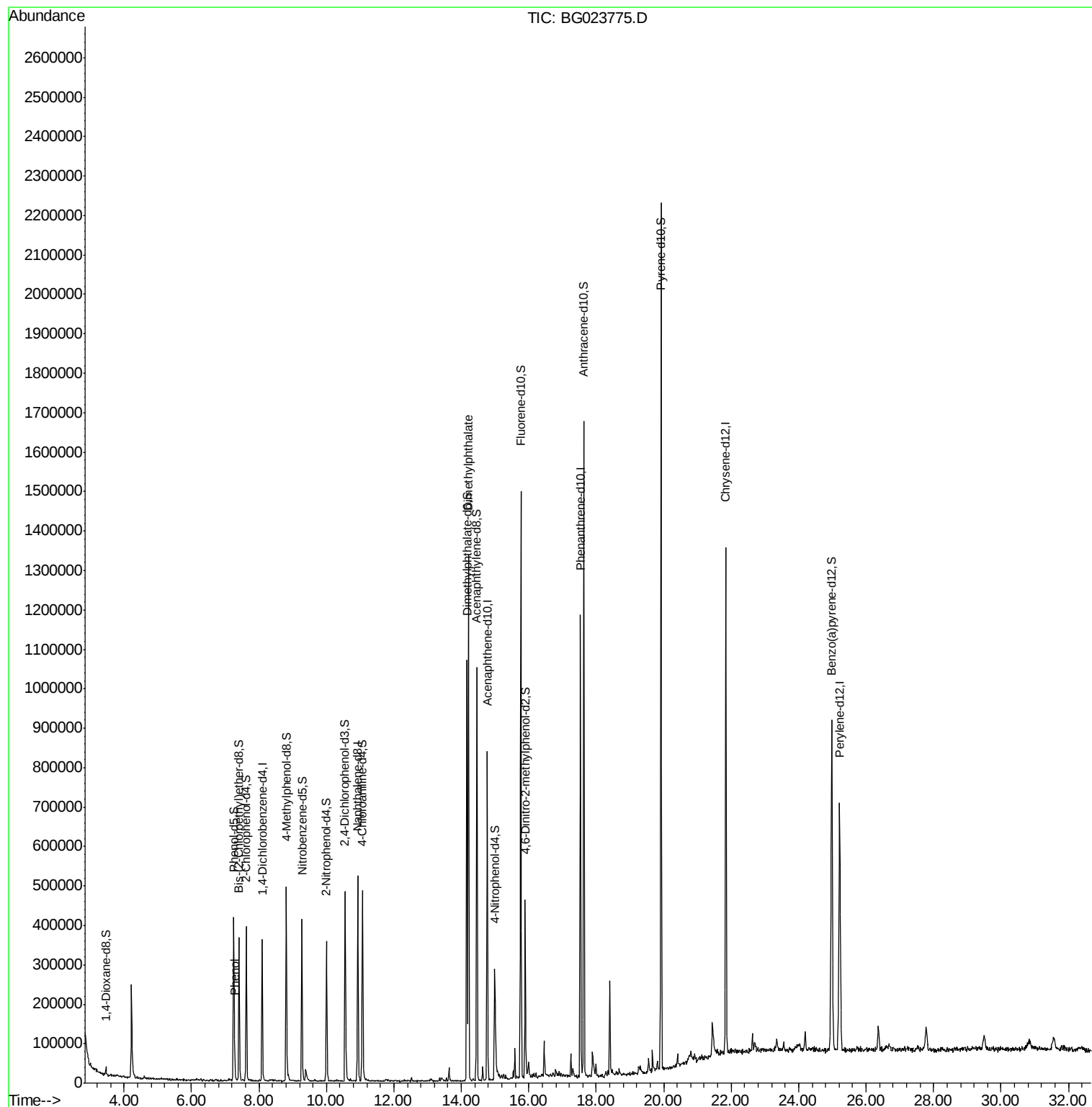
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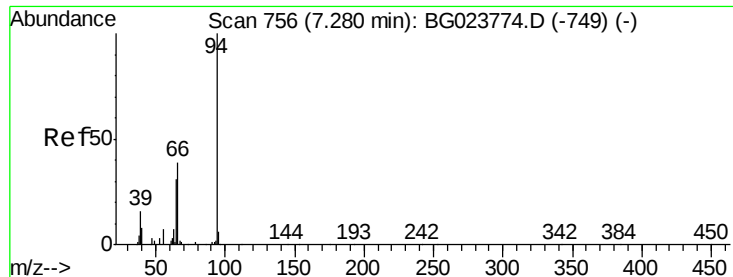
Instrument :  
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Response via : Initial Calibration





#6

Phenol

Concen: 2.05 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023775.D

Acq: 19 Aug 2016 2:04

Instrument :

BNA\_G

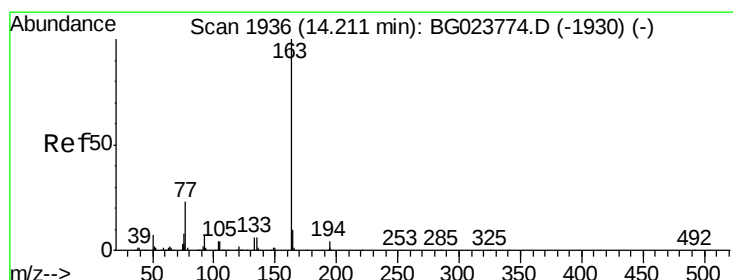
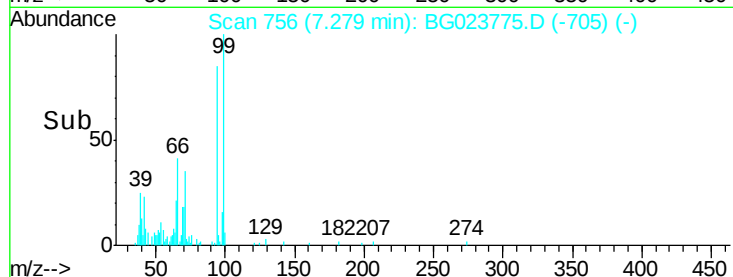
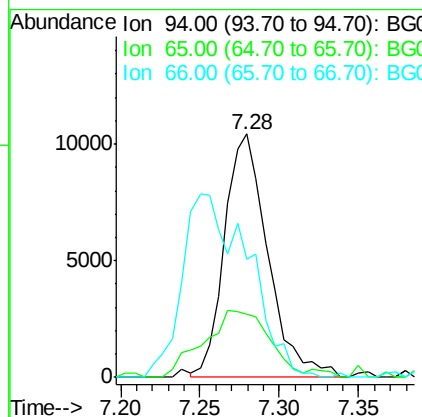
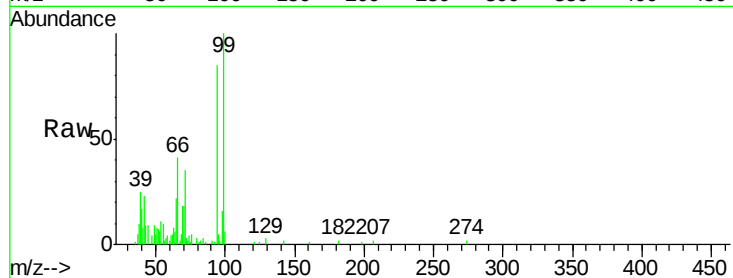
ClientSampled :

JHPS2

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 94   | Resp: | 19798 |
| Ion Ratio |      | Lower | Upper |
| 94        | 100  |       |       |
| 65        | 26.1 | 16.8  | 25.2# |
| 66        | 48.6 | 22.6  | 33.8# |

Manual Integrations  
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#44

Dimethylphthalate

Concen: 35.20 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG023775.D

Acq: 19 Aug 2016 2:04

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 163  | Resp: | 821249 |
| Ion Ratio |      | Lower | Upper  |
| 163       | 100  |       |        |
| 194       | 4.2  | 3.4   | 5.2    |
| 164       | 10.3 | 8.8   | 13.2   |

