

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051617\  
 Data File : BG026986.D  
 Acq On : 16 May 2017 20:13  
 Operator : SJ/MA  
 Sample : I3106-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ESXM7

Manual Integrations  
 APPROVED

mohammad  
 5/17/2017 5:43:30 PM

Quant Time: May 17 04:36:14 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 17 04:07:33 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 178408   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 871136   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.61 | 164  | 476164   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.35 | 188  | 914029   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.59 | 240  | 819414   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.76 | 264  | 850097   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 6186    | 1.56  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.18  | 99  | 115310  | 7.24  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67  | 285163  | 30.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.54  | 132 | 331739  | 24.54 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 221490  | 16.76 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.16  | 128 | 211090  | 28.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 237786  | 30.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.43 | 165 | 348311m | 27.68 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.95 | 131 | 22940   | 1.36  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 1150411 | 30.02 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.31 | 160 | 1488536 | 30.92 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.86 | 143 | 33358   | 4.83  | ng/ul | 0.03 |
| 57) Fluorene-d10               | 15.60 | 176 | 967511  | 28.92 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 119013  | 21.44 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.45 | 188 | 1343931 | 30.30 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.73 | 212 | 1285499 | 29.72 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.54 | 264 | 1189076 | 29.58 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |      |       | Ovalue |
|--------------------------------|-------|-----|-------|------|-------|--------|
| 44) Dimethylphthalate          | 14.06 | 163 | 56318 | 1.50 | ng/ul | 98     |
| 81) Bis(2-ethylhexyl)phthalate | 21.47 | 149 | 40433 | 1.11 | ng/ul | 97     |

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

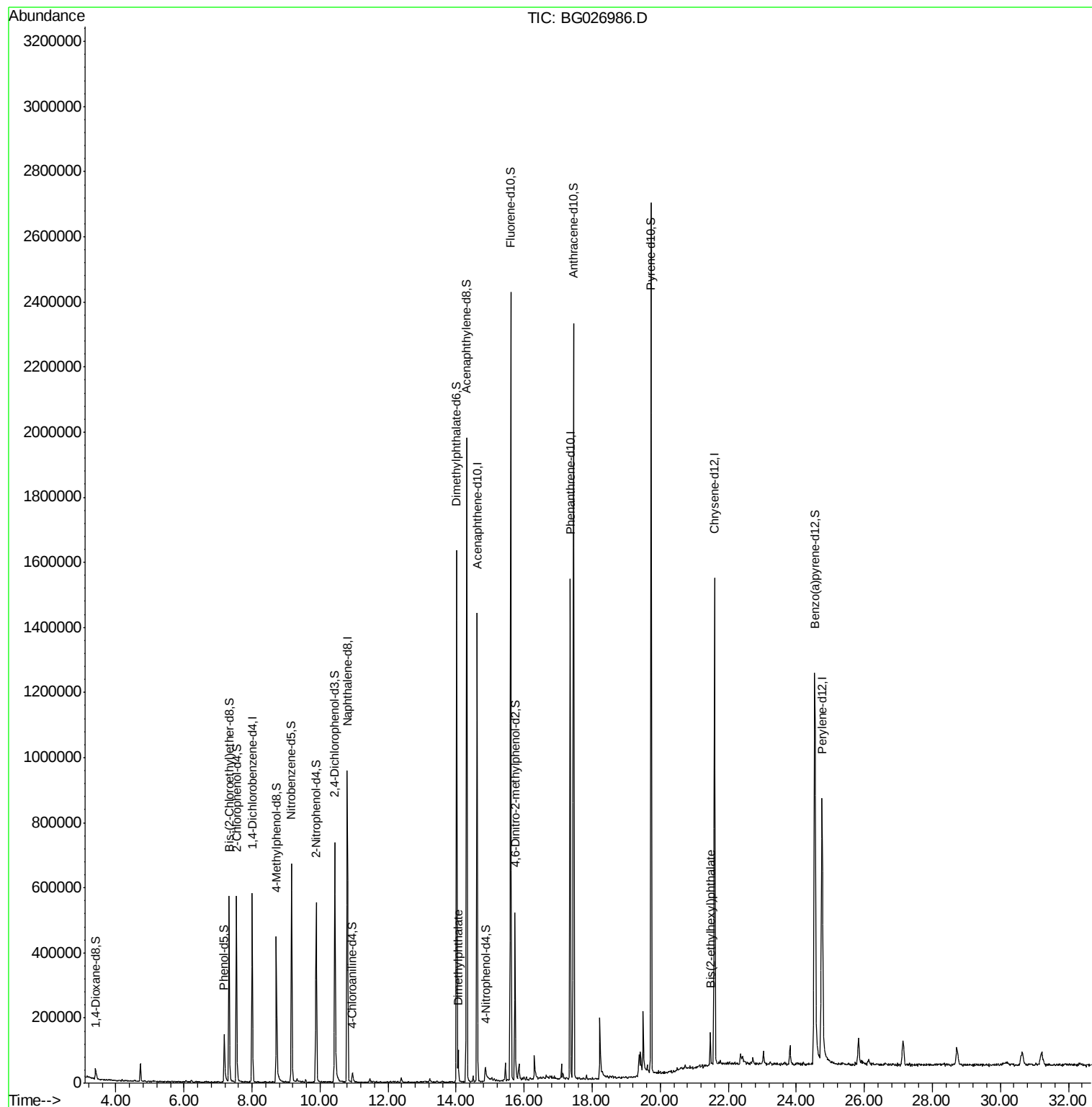
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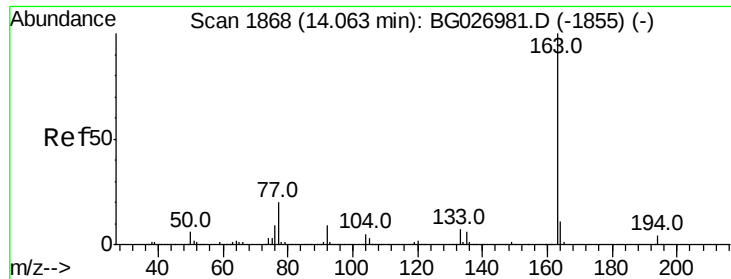
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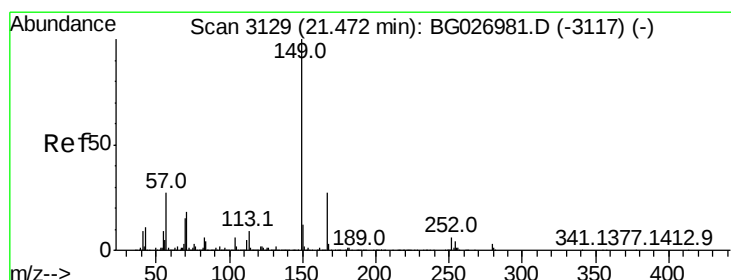
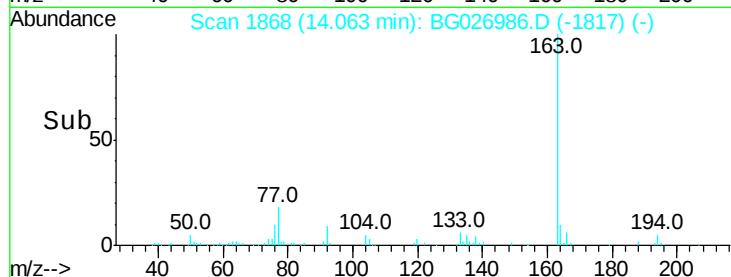
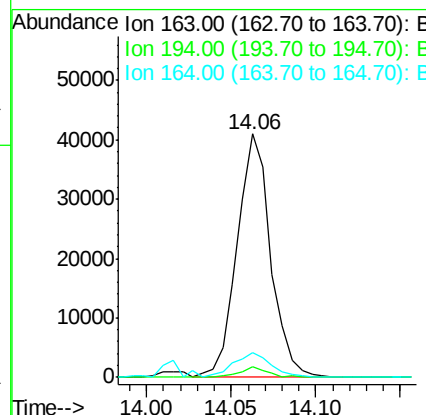
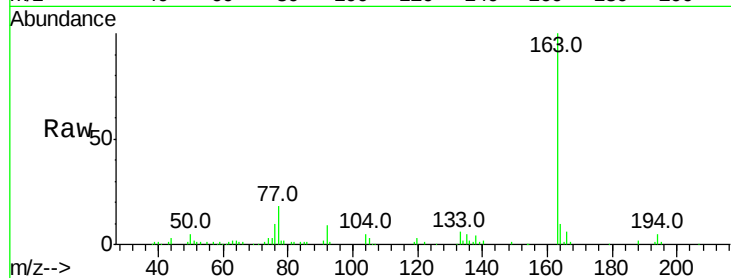
#44  
 Dimethylphthalate  
 Concen: 1.50 ng/ul  
 RT: 14.06 min Scan# 1868  
 Delta R.T. -0.00 min  
 Lab File: BG026986.D  
 Acq: 16 May 2017 20:13

Instrument :  
 BNA\_G  
 ClientSampled :  
 ESXM7

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 4.5   | 3.4  | 5.0   |       |
| 164     | 10.3  | 9.0  | 13.4  |       |

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#81  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.11 ng/ul  
 RT: 21.47 min Scan# 3129  
 Delta R.T. -0.00 min  
 Lab File: BG026986.D  
 Acq: 16 May 2017 20:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 26.0  | 21.8 | 32.8  |       |
| 279     | 4.5   | 4.5  | 6.7   |       |

