

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\  
 Data File : BG026797.D  
 Acq On : 1 May 2017 6:44  
 Operator : SJ/MA  
 Sample : I2846-11  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHSP6

Manual Integrations  
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 5/1/2017 6:52:12 PM

Quant Time: May 01 07:22:39 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 01 06:49:04 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.01  | 152  | 174101   | 20.00 | ng/ul  | 0.00      |
| 18) Naphthalene-d8             | 10.81 | 136  | 886470   | 20.00 | ng/ul  | 0.00      |
| 35) Acenaphthene-d10           | 14.62 | 164  | 504418   | 20.00 | ng/ul  | 0.00      |
| 61) Phenanthrene-d10           | 17.35 | 188  | 991553   | 20.00 | ng/ul  | 0.00      |
| 75) Chrysene-d12               | 21.59 | 240  | 902898   | 20.00 | ng/ul  | 0.00      |
| 83) Perylene-d12               | 24.76 | 264  | 927400   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds    |       |      |          |       |        |           |
| 3) 1,4-Dioxane-d8              | 3.43  | 96   | 15120    | 3.91  | ng/uL  | 0.00      |
| 5) Phenol-d5                   | 7.18  | 99   | 376345   | 24.22 | ng/ul  | 0.00      |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67   | 219540   | 24.03 | ng/ul  | 0.00      |
| 9) 2-Chlorophenol-d4           | 7.55  | 132  | 300143   | 22.76 | ng/ul  | 0.00      |
| 13) 4-Methylphenol-d8          | 8.72  | 113  | 323801   | 25.11 | ng/ul  | 0.00      |
| 19) Nitrobenzene-d5            | 9.16  | 128  | 166994   | 22.54 | ng/ul  | 0.00      |
| 22) 2-Nitrophenol-d4           | 9.89  | 143  | 186816   | 23.18 | ng/ul  | 0.00      |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165  | 292273   | 22.83 | ng/ul  | 0.00      |
| 29) 4-Chloroaniline-d4         | 10.94 | 131  | 447720m  | 26.12 | ng/ul  | 0.00      |
| 43) Dimethylphthalate-d6       | 14.02 | 166  | 986267   | 24.29 | ng/ul  | 0.00      |
| 46) Acenaphthylene-d8          | 14.32 | 160  | 1246183  | 24.44 | ng/ul  | 0.00      |
| 51) 4-Nitrophenol-d4           | 14.84 | 143  | 172364   | 23.55 | ng/ul  | 0.00      |
| 57) Fluorene-d10               | 15.61 | 176  | 848326   | 23.94 | ng/ul  | 0.00      |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200  | 127691   | 21.21 | ng/ul  | 0.00      |
| 70) Anthracene-d10             | 17.45 | 188  | 1195820  | 24.85 | ng/ul  | 0.00      |
| 76) Pyrene-d10                 | 19.73 | 212  | 1219822  | 25.60 | ng/ul  | 0.00      |
| 87) Benzo(a)pyrene-d12         | 24.54 | 264  | 1212722  | 27.66 | ng/ul  | 0.00      |
| Target Compounds               |       |      |          |       |        |           |
| 44) Dimethylphthalate          | 14.07 | 163  | 238003   | 5.99  | ng/ul  | Ovalue 98 |
| 74) Fluoranthene               | 19.40 | 202  | 63346    | 1.22  | ng/ul# | 88        |
| 85) Benzo(b)fluoranthene       | 23.76 | 252  | 60119    | 1.13  | ng/ul# | 80        |

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

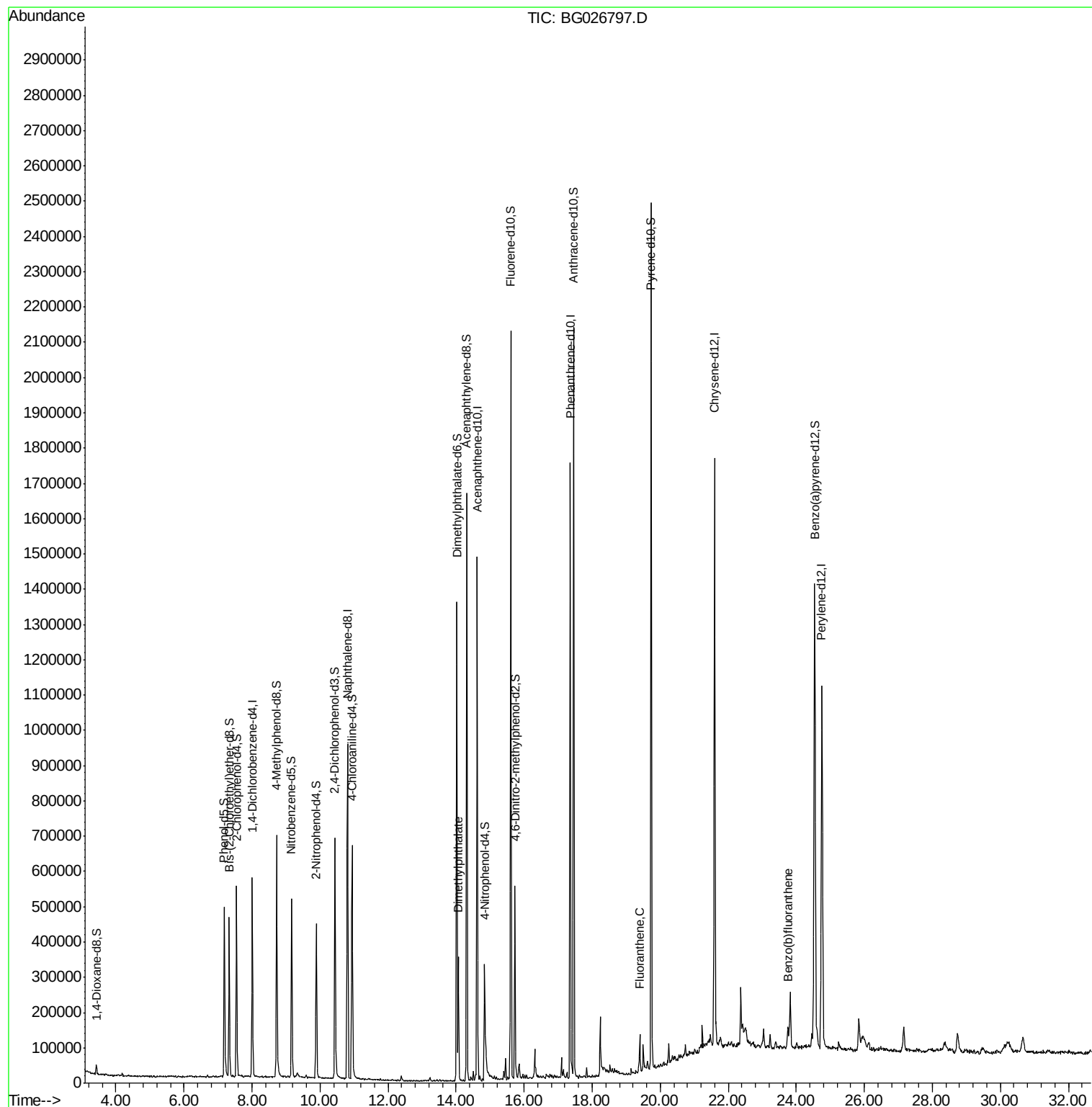
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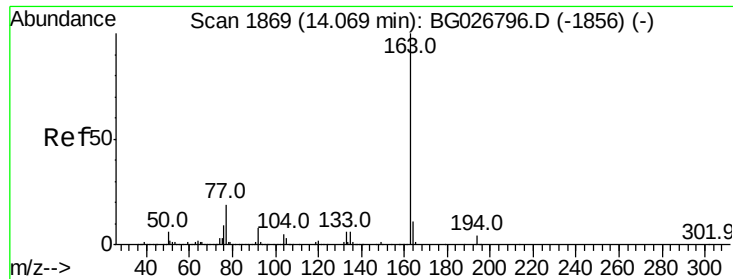
Instrument :  
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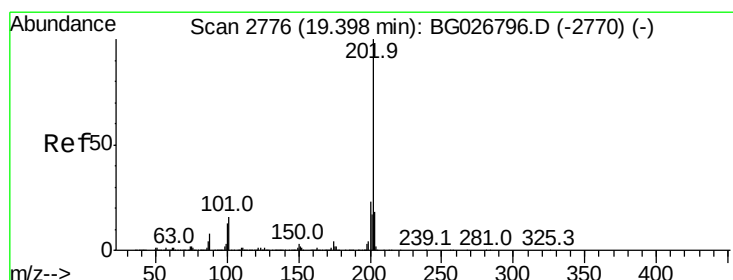
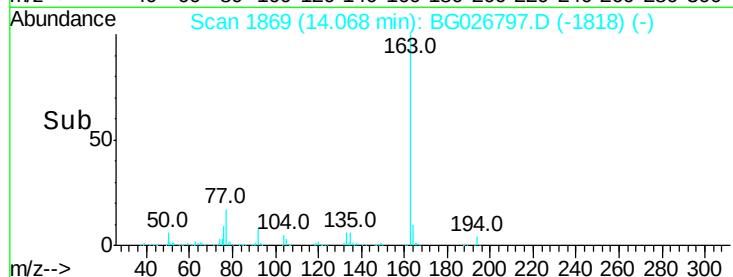
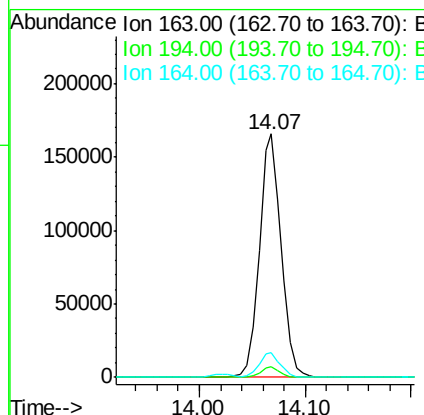
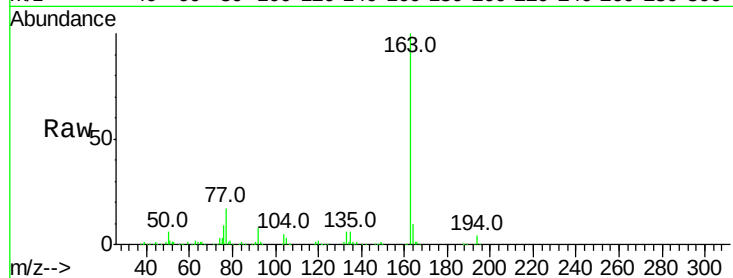
#44  
Dimethylphthalate  
Concen: 5.99 ng/ul  
RT: 14.07 min Scan# 1869  
Delta R.T. -0.00 min  
Lab File: BG026797.D  
Acq: 1 May 2017 6:44

Instrument :  
BNA\_G  
ClientSampleId :  
JHSP6

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 163     | 100   |            |       |
| 194     | 4.1   | 3.4        | 5.0   |
| 164     | 10.4  | 9.0        | 13.4  |

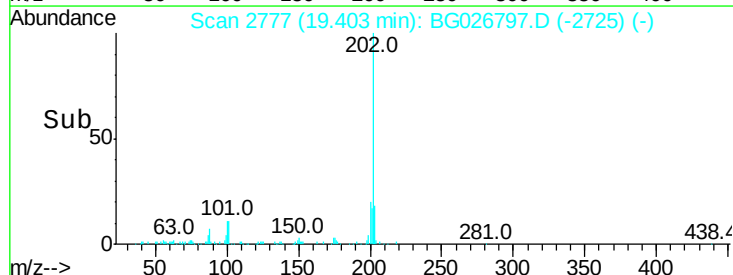
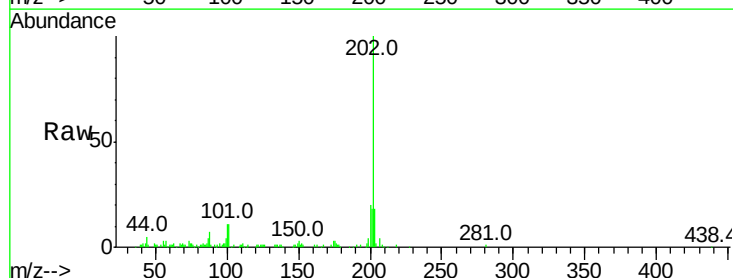
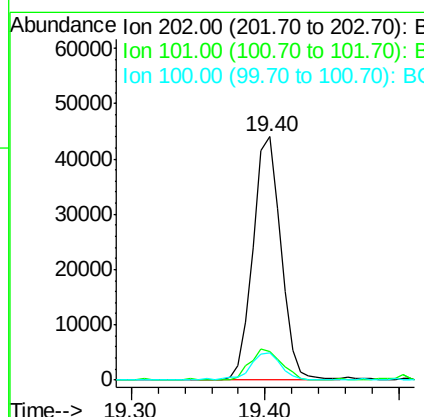
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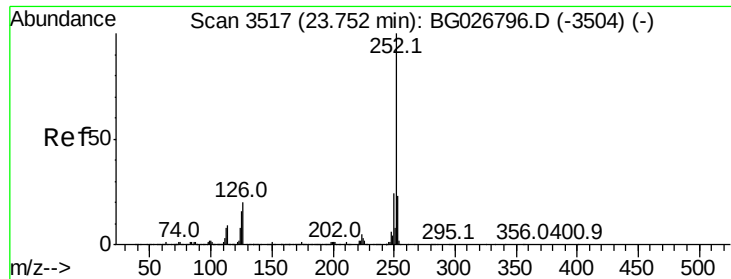
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#74  
Fluoranthene  
Concen: 1.22 ng/ul  
RT: 19.40 min Scan# 2777  
Delta R.T. 0.00 min  
Lab File: BG026797.D  
Acq: 1 May 2017 6:44

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.5  | 6.2        | 9.2#  |
| 100     | 11.4  | 5.2        | 7.8#  |





#85

Benzo(b)fluoranthene

Concen: 1.13 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG026797.D

Acq: 1 May 2017 6:44

Instrument :

BNA\_G

ClientSampleId :

JHSP6

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 60119 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 28.9  | 17.7  | 26.5# |
| 125       | 20.1  | 4.0   | 6.0#  |

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