

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\  
 Data File : BG027981.D  
 Acq On : 20 Jul 2017 3:31  
 Operator : SJ/JU  
 Sample : I4213-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B43

Quant Time: Jul 20 06:03:08 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 20 05:55:18 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.37  | 152  | 49931    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.19 | 136  | 202212   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.97 | 164  | 138717   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.72 | 188  | 404517   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.05 | 240  | 543990   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.57 | 264  | 516994   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.86  | 96  | 4809   | 5.31  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 106701 | 26.00 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.68  | 67  | 67959  | 28.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.90  | 132 | 91851  | 28.49 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.06  | 113 | 91617  | 26.97 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.53  | 128 | 44318  | 29.79 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.26 | 143 | 55232  | 30.86 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165 | 99537  | 28.42 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.32 | 131 | 113951 | 35.99 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.36 | 166 | 394405 | 32.80 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.67 | 160 | 419123 | 30.66 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.16 | 143 | 51993  | 29.86 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.96 | 176 | 355938 | 31.40 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 67808  | 24.13 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.82 | 188 | 640248 | 32.82 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.09 | 212 | 818379 | 33.49 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.33 | 264 | 807714 | 33.45 | ng/ul | 0.00 |

## Target Compounds

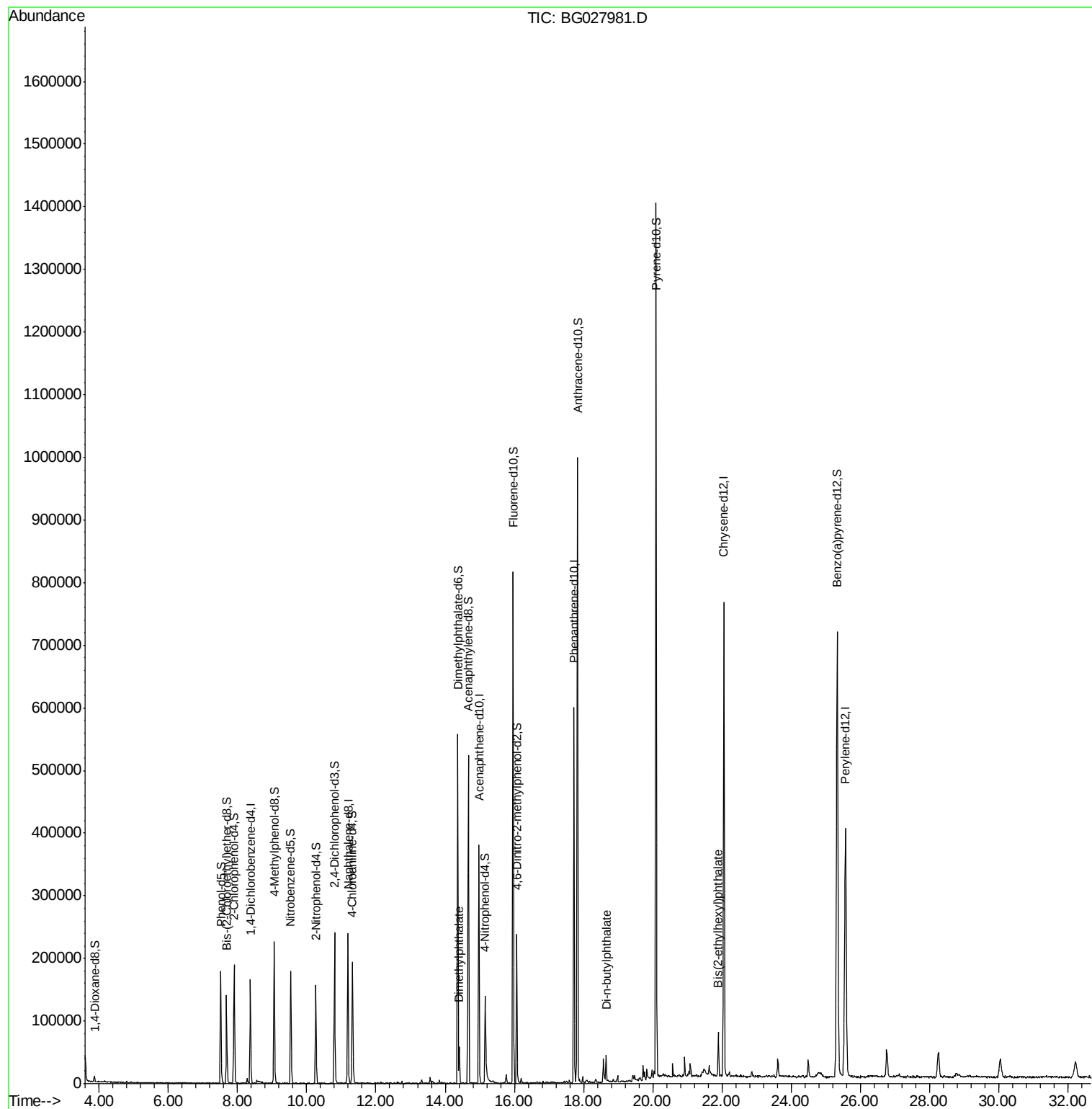
|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 44) Dimethylphthalate          | 14.41 | 163 | 37025 | 3.381 ng/ul  | 100    |
| 73) Di-n-butylphthalate        | 18.65 | 149 | 30376 | 1.581 ng/ul# | 96     |
| 81) Bis(2-ethylhexyl)phthalate | 21.90 | 149 | 31044 | 2.358 ng/ul  | 95     |

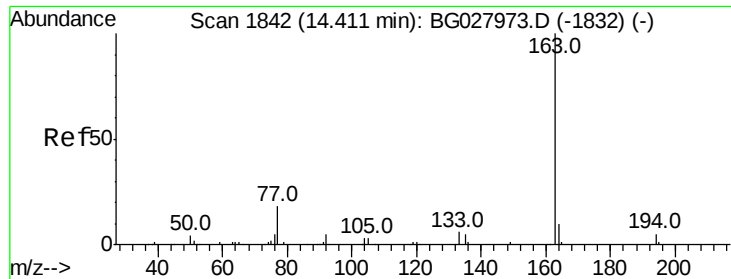
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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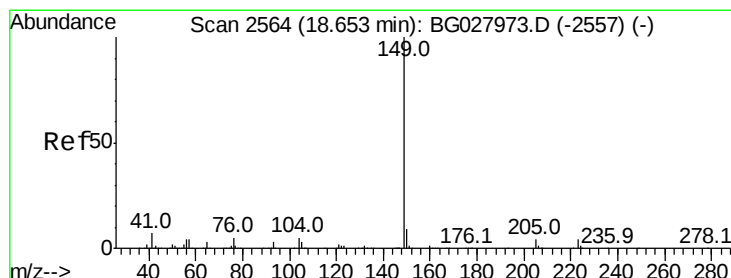
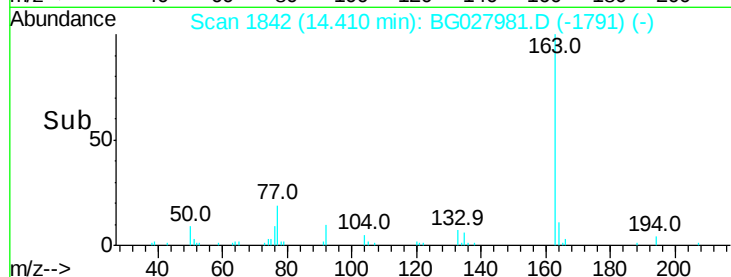
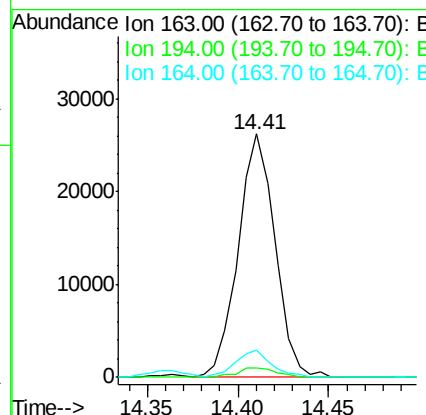
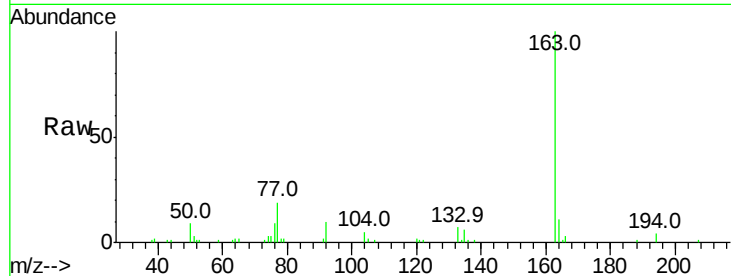




#44  
Dimethylphthalate  
Concen: 3.381 ng/ul  
RT: 14.41 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: BG027981.D  
Acq: 20 Jul 2017 3:31

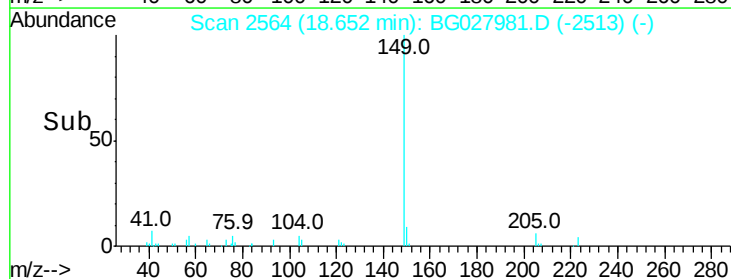
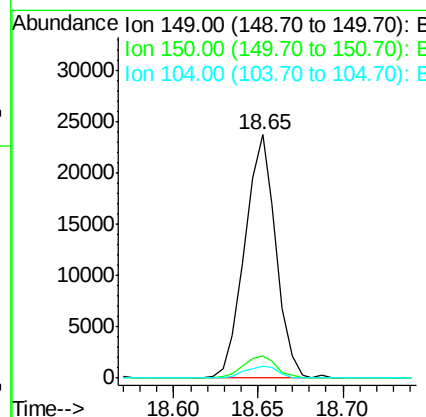
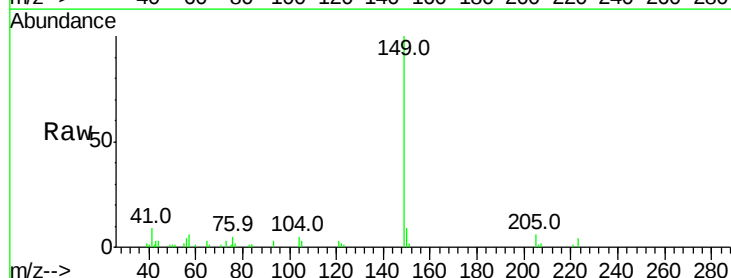
Instrument :  
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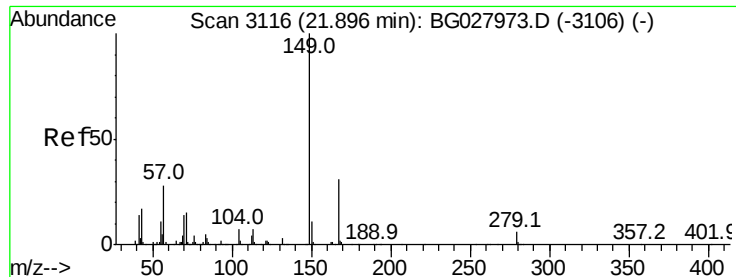
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.4   | 5.0   |
| 164     | 11.3  | 9.0   | 13.4  |



#73  
Di-n-butylphthalate  
Concen: 1.581 ng/ul  
RT: 18.65 min Scan# 2564  
Delta R.T. -0.00 min  
Lab File: BG027981.D  
Acq: 20 Jul 2017 3:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.0   | 7.9   | 11.9  |
| 104     | 4.9   | 5.8   | 8.8#  |

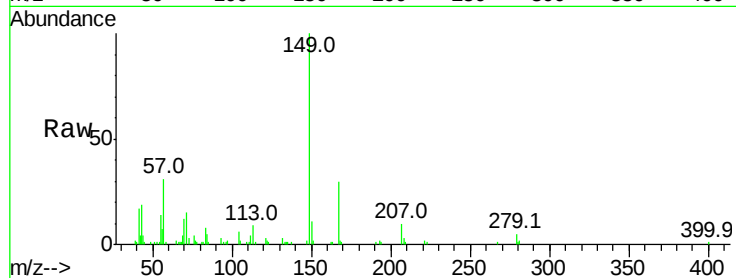




#81  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.358 ng/ul  
 RT: 21.90 min Scan# 3116  
 Delta R.T. -0.00 min  
 Lab File: BG027981.D  
 Acq: 20 Jul 2017 3:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B43

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.2  | 21.8  | 32.8  |
| 279     | 5.2   | 4.5   | 6.7   |



Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

