

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031816\  
 Data File : BG021443.D  
 Acq On : 18 Mar 2016 10:13  
 Operator : UM/SJ  
 Sample : H1785-05DL 10X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AB6DL

Manual Integrations  
 APPROVED

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Quant Time: Mar 19 00:18:21 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Mar 19 00:12:07 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 7672     | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.89 | 136  | 34681    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.70 | 164  | 23648    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.43 | 188  | 60876    | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.69 | 240  | 70929    | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.93 | 264  | 68457    | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0     | 0.00 | ng/uL |      |
| 5) Phenol-d5                   | 0.00  | 99  | 0d    | 0.00 | ng/ul |      |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 1238  | 2.88 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.66  | 132 | 991m  | 1.80 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.87  | 113 | 481   | 0.77 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 9.26  | 128 | 688   | 2.64 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.98  | 143 | 619   | 2.08 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 1248  | 2.35 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0     | 0.00 | ng/ul |      |
| 44) Dimethylphthalate-d6       | 14.10 | 166 | 6654  | 3.38 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.39 | 160 | 7792  | 3.21 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 0.00  | 143 | 0     | 0.00 | ng/ul |      |
| 58) Fluorene-d10               | 15.68 | 176 | 6034  | 3.40 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 691   | 1.72 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.53 | 188 | 11426 | 3.83 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.81 | 212 | 13265 | 4.01 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.71 | 264 | 13392 | 4.24 | ng/ul | 0.00 |

| Target Compounds               |       |     |       |       |       | Qvalue |
|--------------------------------|-------|-----|-------|-------|-------|--------|
| 20) Nitrobenzene               | 9.29  | 77  | 24343 | 33.12 | ng/ul | 93     |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 1876m | 2.27  | ng/ul |        |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.50 | 216 | 4927  | 5.78  | ng/uL | 88     |

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

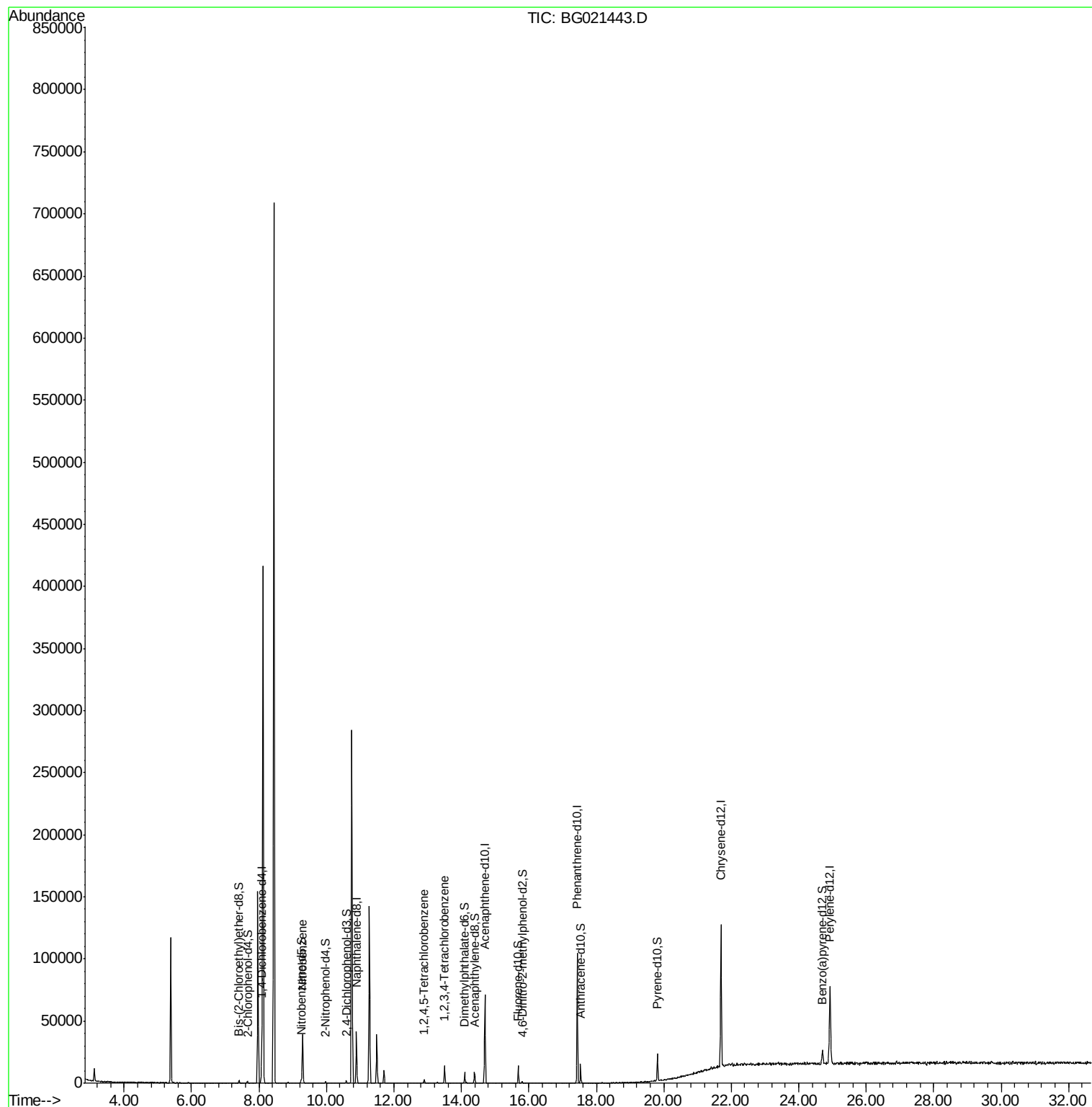
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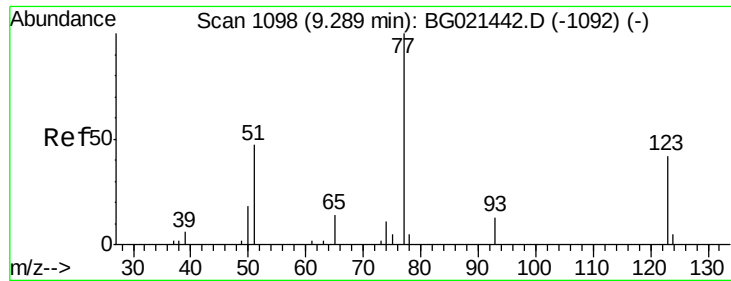
Instrument :  
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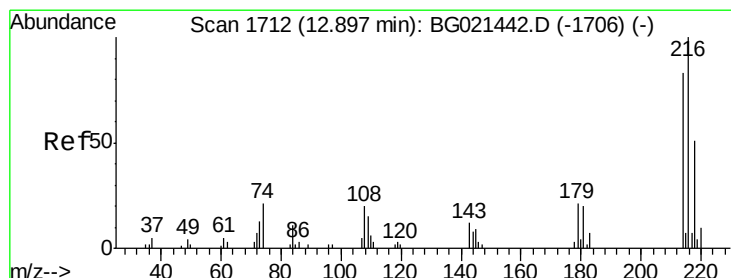
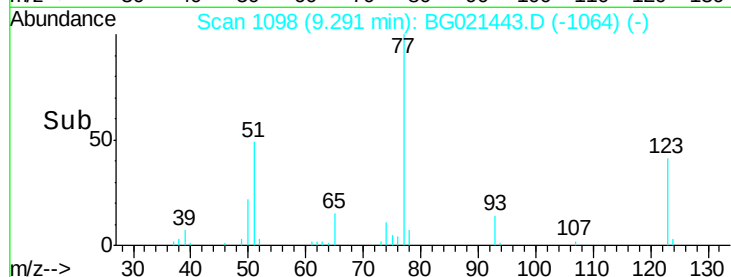
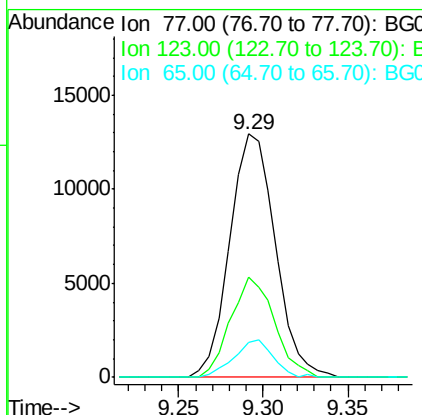
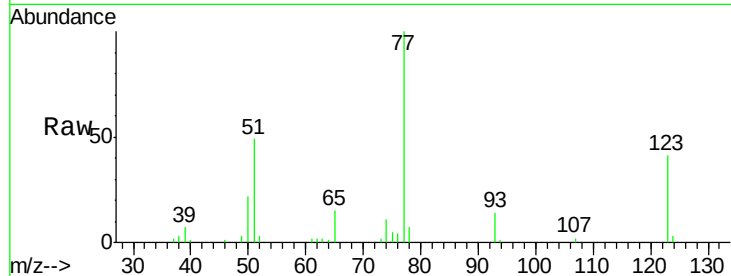
#20  
Nitrobenzene  
Concen: 33.12 ng/ul  
RT: 9.29 min Scan# 1098  
Delta R.T. 0.00 min  
Lab File: BG021443.D  
Acq: 18 Mar 2016 10:13

Instrument :  
BNA\_G  
ClientSampleId :  
C0AB6DL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.1  | 28.4  | 42.6  |
| 65      | 14.5  | 11.0  | 16.6  |

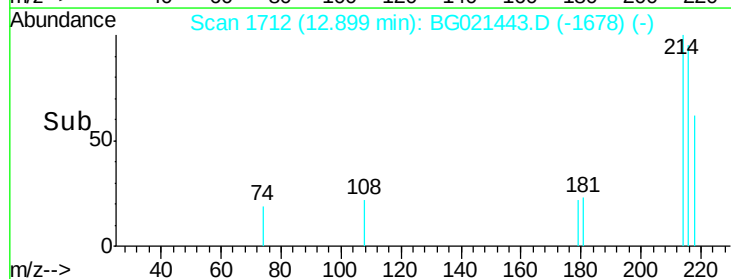
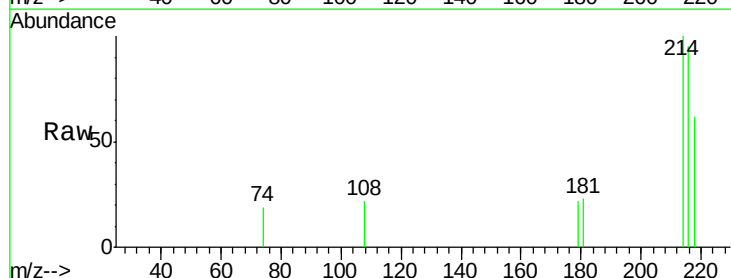
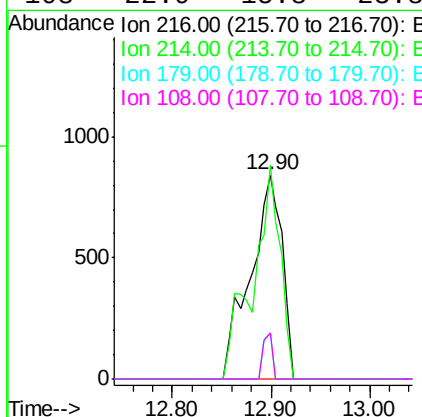
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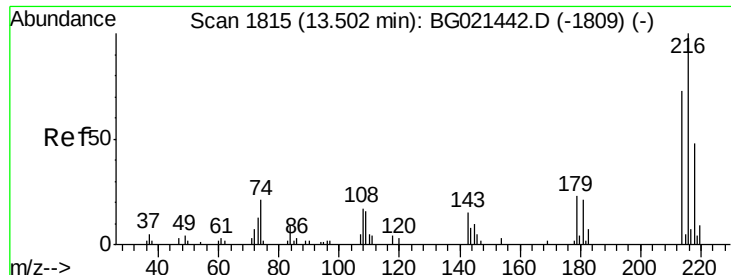
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#37  
1,2,4,5-Tetrachlorobenzene  
Concen: 2.27 ng/ul m  
RT: 12.90 min Scan# 1712  
Delta R.T. 0.00 min  
Lab File: BG021443.D  
Acq: 18 Mar 2016 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 104.9 | 57.8  | 86.8# |
| 179     | 22.6  | 19.5  | 29.3  |
| 108     | 22.9  | 15.8  | 23.8  |





#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 5.78 ng/uL  
 RT: 13.50 min Scan# 1815  
 Delta R.T. 0.00 min  
 Lab File: BG021443.D  
 Acq: 18 Mar 2016 10:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.3  | 69.2  | 103.8 |
| 218     | 41.7  | 41.4  | 62.0  |

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