

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG053116\  
 Data File : BG022130.D  
 Acq On : 1 Jun 2016 2:22  
 Operator : UM/SJ  
 Sample : H3305-13  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCZM3

Quant Time: Jun 01 04:29:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 01 01:07:08 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.14  | 152  | 36698    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.96 | 136  | 195979   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 129025   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.51 | 188  | 295044   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.79 | 240  | 281362   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.10 | 264  | 263971   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96  | 231    | 0.33  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.30  | 99  | 11097  | 3.35  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.46  | 67  | 27453  | 15.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.67  | 132 | 41690  | 15.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.85  | 113 | 26464  | 9.41  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.31  | 128 | 25829  | 17.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.04 | 143 | 30830  | 19.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.58 | 165 | 50963  | 18.45 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.12 | 131 | 493    | 0.16  | ng/ul | 0.03 |
| 43) Dimethylphthalate-d6       | 14.16 | 166 | 254753 | 26.29 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.46 | 160 | 303619 | 22.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.01 | 143 | 1123   | 0.67  | ng/ul | 0.03 |
| 57) Fluorene-d10               | 15.75 | 176 | 219281 | 24.16 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 32686  | 21.19 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.60 | 188 | 337484 | 23.83 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.88 | 212 | 375329 | 23.66 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.87 | 264 | 308274 | 25.17 | ng/ul | 0.00 |

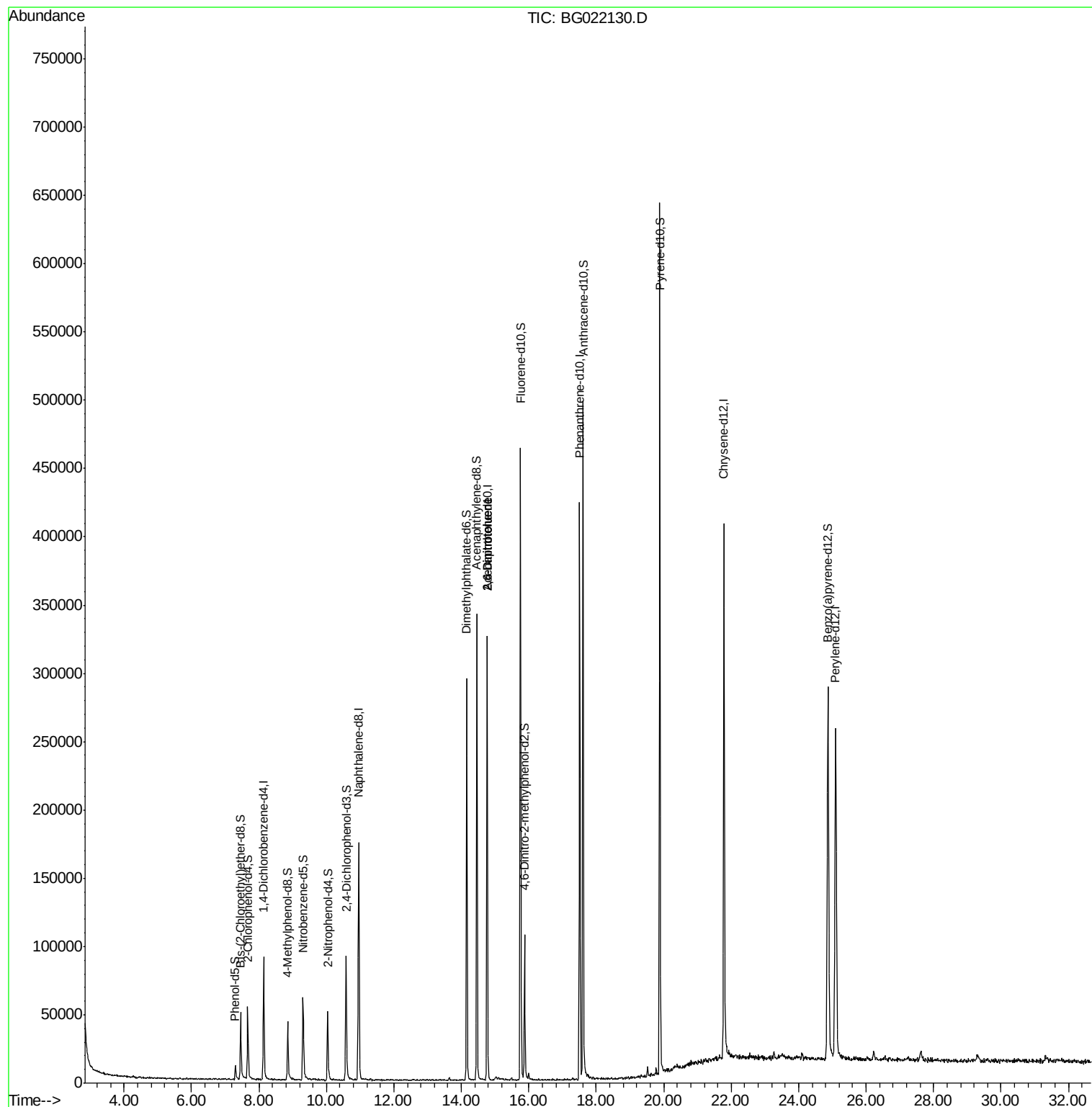
| Target Compounds       |       |     |       |             | Qvalue |
|------------------------|-------|-----|-------|-------------|--------|
| 45) 2,6-Dinitrotoluene | 14.77 | 165 | 16942 | 8.11 ng/ul# | 36     |
| 54) 2,4-Dinitrotoluene | 14.77 | 165 | 16942 | 6.02 ng/ul# | 46     |

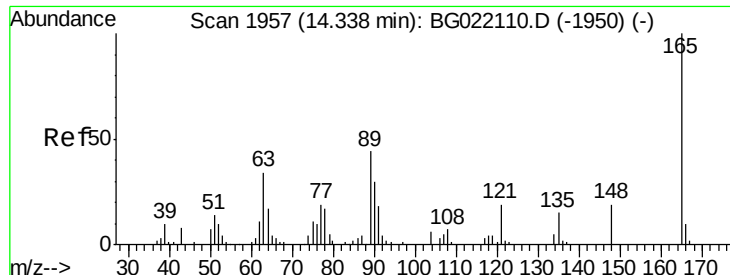
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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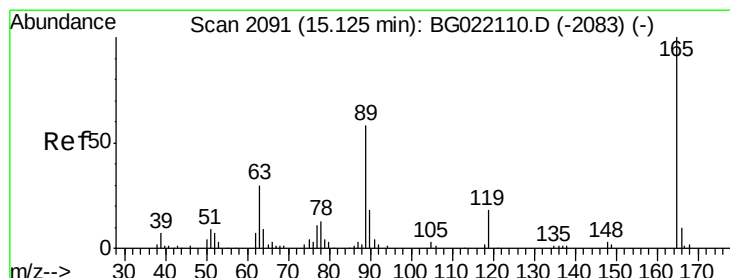
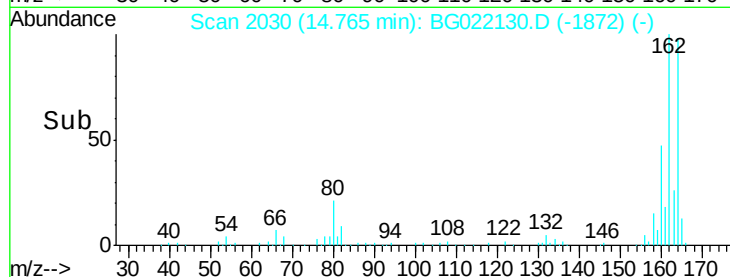
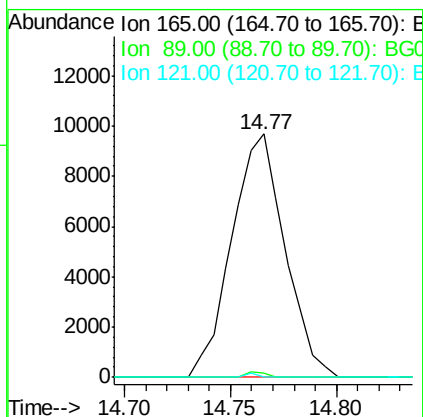
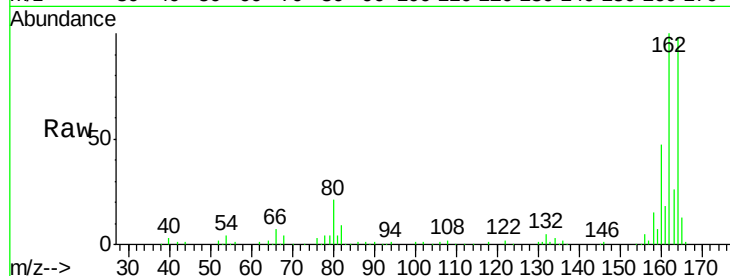




#45  
 2,6-Dinitrotoluene  
 Concen: 8.11 ng/ul  
 RT: 14.77 min Scan# 2030  
 Delta R.T. 0.43 min  
 Lab File: BG022130.D  
 Acq: 1 Jun 2016 2:22

Instrument :  
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Tgt Ion:165 Resp: 16942  
 Ion Ratio Lower Upper  
 165 100  
 89 1.6 41.5 62.3#  
 121 0.0 17.0 25.4#



#54  
 2,4-Dinitrotoluene  
 Concen: 6.02 ng/ul  
 RT: 14.77 min Scan# 2030  
 Delta R.T. -0.36 min  
 Lab File: BG022130.D  
 Acq: 1 Jun 2016 2:22

Tgt Ion:165 Resp: 16942  
 Ion Ratio Lower Upper  
 165 100  
 63 0.0 25.7 38.5#  
 182 0.0 2.1 3.1#

