

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121915\  
 Data File : BG020321.D  
 Acq On : 19 Dec 2015 21:05  
 Operator : UM/SJ  
 Sample : G4866-03  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E43L5

Quant Time: Dec 20 05:58:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG121415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Dec 20 05:53:46 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 18362    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.90 | 136  | 81123    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.72 | 164  | 60697    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.47 | 188  | 153664   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.74 | 240  | 194025   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.01 | 264  | 184349   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.46  | 96  | 2109   | 6.34  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.24  | 99  | 55384  | 34.21 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 34224  | 35.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.61  | 132 | 43840  | 37.23 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.79  | 113 | 47475  | 34.29 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.25  | 128 | 23448  | 37.08 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.98  | 143 | 28473  | 40.46 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.52 | 165 | 52951  | 37.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.04 | 131 | 66051  | 41.25 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.12 | 166 | 193562 | 39.43 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.42 | 160 | 217119 | 38.01 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.91 | 143 | 29905  | 33.96 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.71 | 176 | 173998 | 39.07 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 30470  | 33.45 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.57 | 188 | 285960 | 40.39 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.85 | 212 | 350392 | 38.75 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.79 | 264 | 397396 | 43.22 | ng/ul | 0.00 |

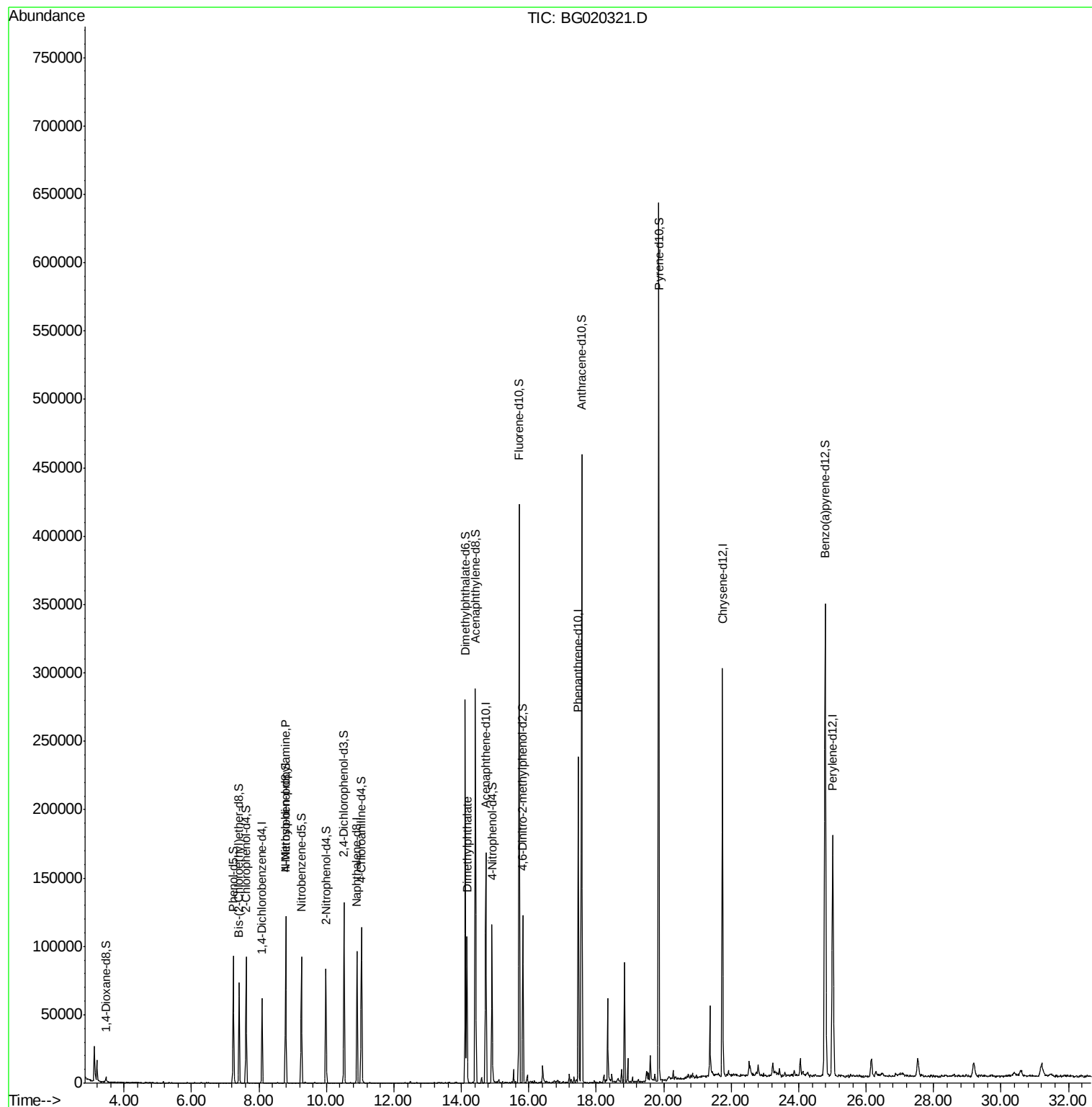
| Target Compounds               |       |     |       |       |        | Qvalue |
|--------------------------------|-------|-----|-------|-------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.80  | 70  | 1215  | 1.06  | ng/ul# | 1      |
| 45) Dimethylphthalate          | 14.17 | 163 | 68252 | 13.61 | ng/ul  | 99     |

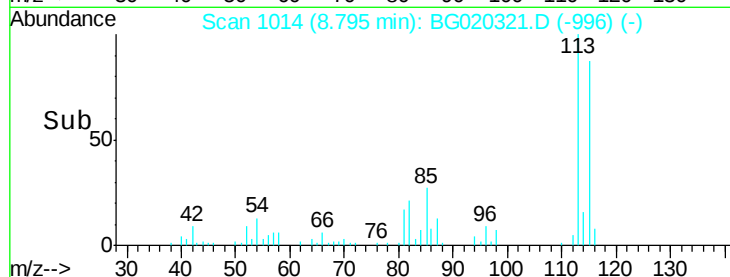
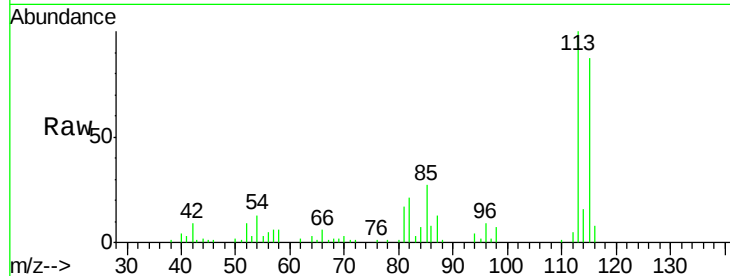
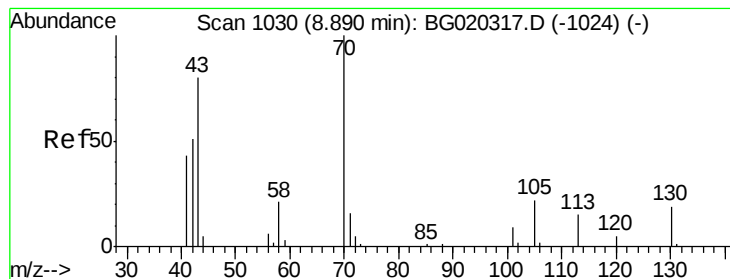
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 1.06 ng/ul

RT: 8.80 min Scan# 1014

Delta R.T. -0.09 min

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Instrument :

BNA\_G

ClientSampleId :

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Tgt Ion: 70 Resp: 1215

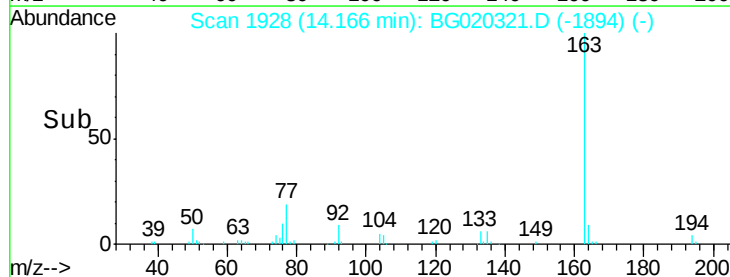
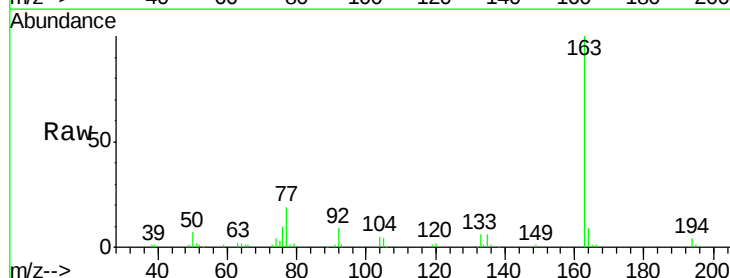
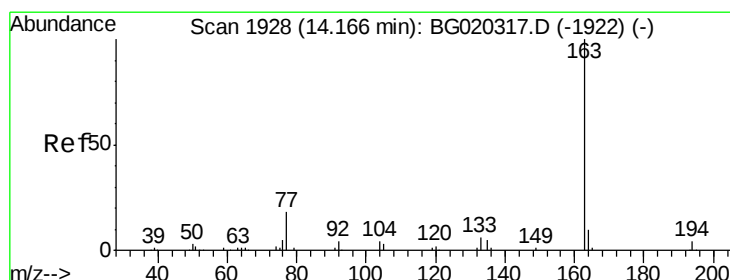
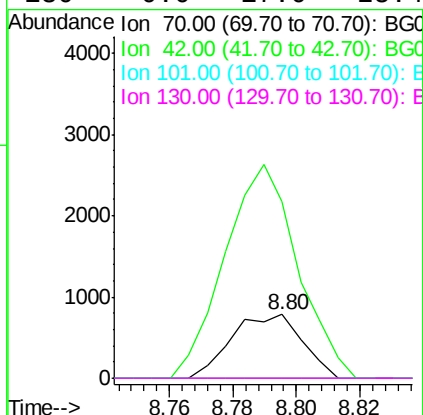
Ion Ratio Lower Upper

70 100

42 277.8 44.3 66.5#

101 0.0 7.6 11.4#

130 0.0 17.0 25.4#



#45

Dimethylphthalate

Concen: 13.61 ng/ul

RT: 14.17 min Scan# 1928

Delta R.T. -0.00 min

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Acq: 19 Dec 2015 21:05

Tgt Ion: 163 Resp: 68252

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 9.4 7.7 11.5

