Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG053116\
Data File : BG022118.D
Acq On : 31 May 2016 17:44
Operator : UM/SJ
Sample : H3201-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BCZN7

Quant Time: Jun 01 01:31:56 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 | 41507 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.96 | 136 | 223295 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.76 | 164 | 143001 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.51 | 188 | 337873 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.79 | 240 | 336440 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.11 | 264 | 324937 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.51 | 96 | 469 | 0.59 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.30 | 99 | 16567 | 4.42 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.46 | 67 | 40655 | 20.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.67 | 132 | 56211 | 17.93 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.85 | 113 | 36996 | 11.63 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.31 | 128 | 36937 | 22.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.03 | 143 | 44301 | 24.83 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.58 | 165 | 66044 | 20.99 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.11 | 131 | 1563 | 0.46 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6 | 14.16 | 166 | 313602 | 29.20 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.46 | 160 | 369262 | 24.62 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.99 | 143 | 1613 | 0.87 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.75 | 176 | 273605 | 27.20 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 48445 | 27.43 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.61 | 188 | 434200 | 26.77 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.89 | 212 | 496229 | 26.16 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.87 | 264 | 427205 | 28.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) 2,6-Dinitrotoluene | 14.76 | 165 | 19087 | 8.24 | ng/ul# | 34 |
| 54) 2,4-Dinitrotoluene | 14.76 | 165 | 19087 | 6.11 | ng/ul# | 46 |

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

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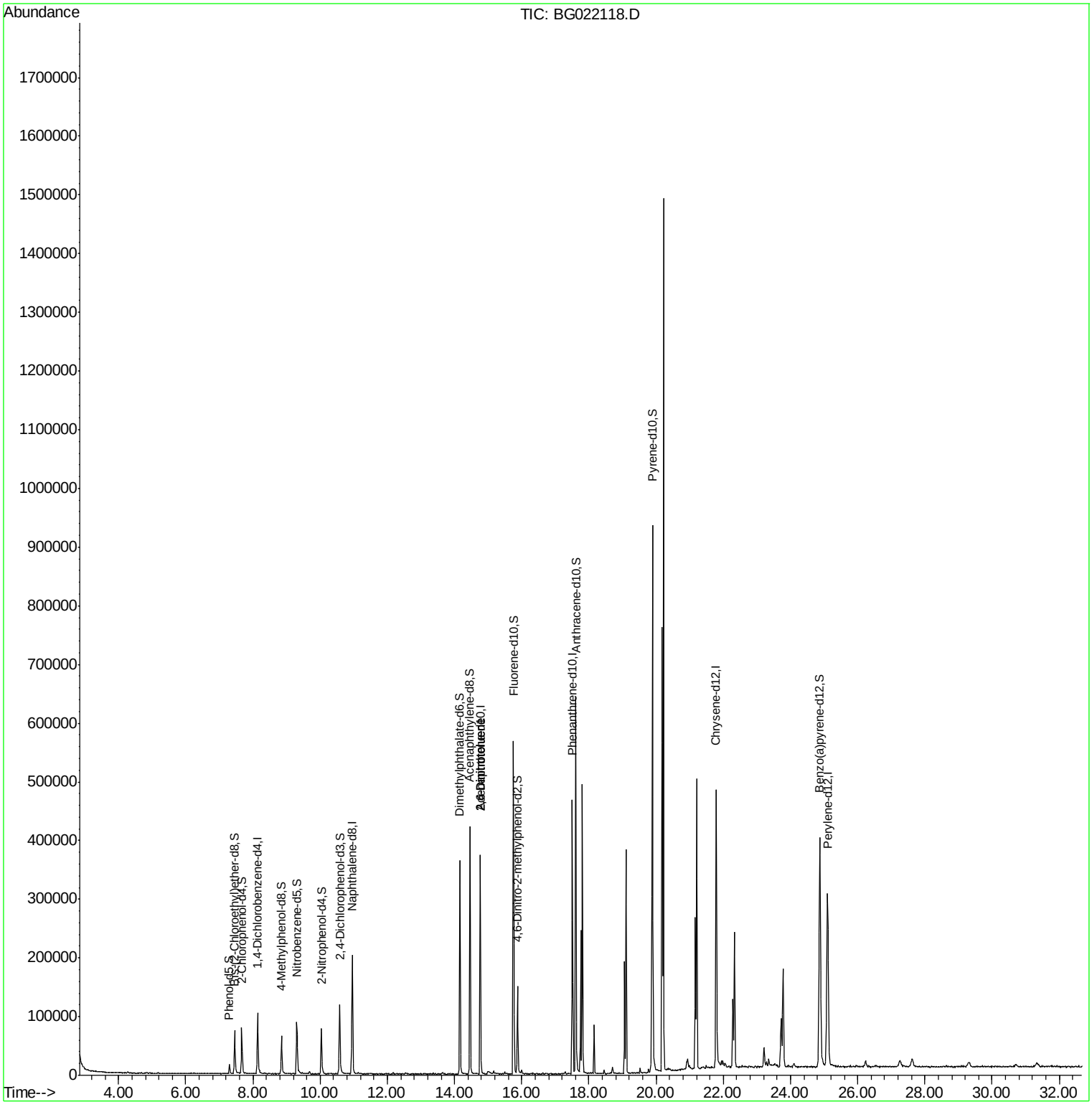
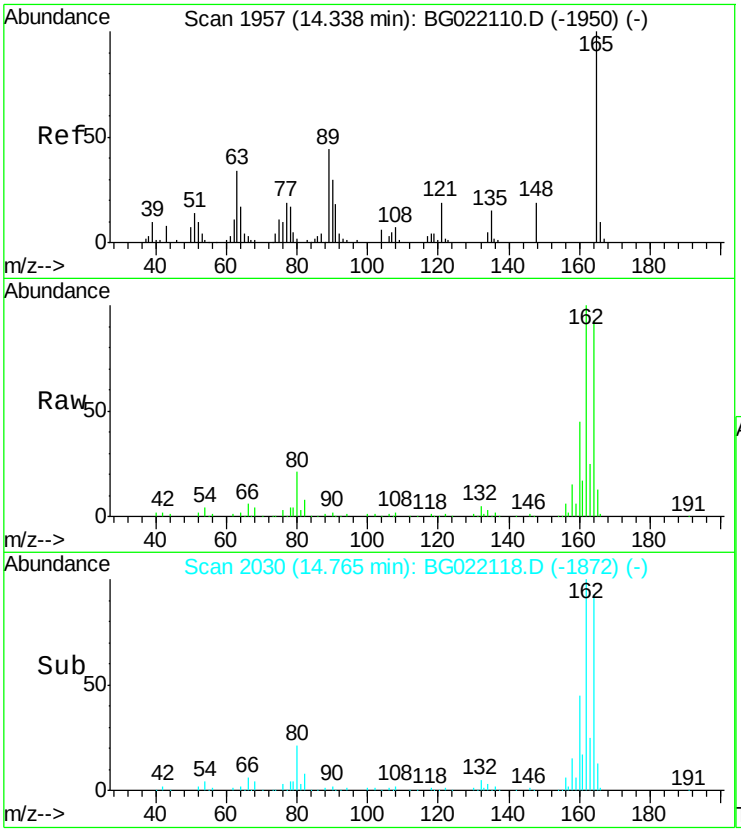


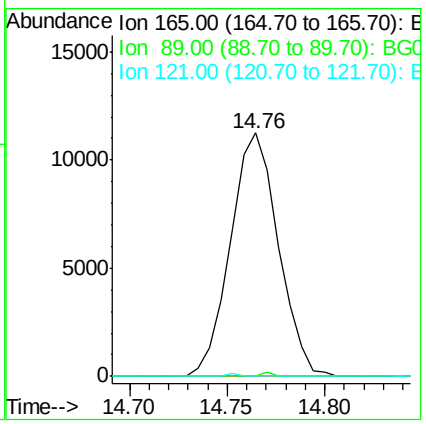


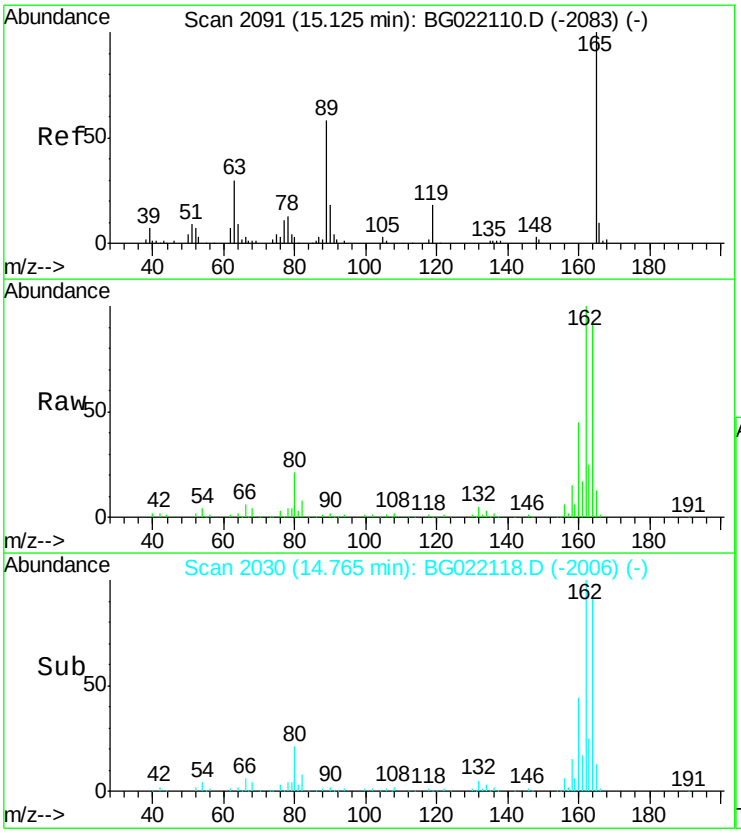

#45
2,6-Dinitrotoluene
Concen: 8.24 ng/ul
RT: 14.76 min Scan# 2030
Delta R.T. 0.43 min
Lab File: BG022118.D
Acq: 31 May 2016 17:44

**Instrument :**
BNA_G
**ClientSampleId :**
BCZN7

Tgt Ion:165 Resp: 19087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 41.5 | 62.3# |
| 121 | 0.0 | 17.0 | 25.4# |




#54
2,4-Dinitrotoluene
Concen: 6.11 ng/ul
RT: 14.76 min Scan# 2030
Delta R.T. -0.36 min
Lab File: BG022118.D
Acq: 31 May 2016 17:44

Tgt Ion:165 Resp: 19087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 25.7 | 38.5# |
| 182 | 0.0 | 2.1 | 3.1# |