Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019668.D
Acq On : 17 Nov 2015 20:23
Operator : UM/NP
Sample : G4427-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 18 01:24:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 01:19:35 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 20480 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.98 | 136 | 89028 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.79 | 164 | 73240 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.52 | 188 | 224168 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.79 | 240 | 297718 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.11 | 264 | 286282 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.45 | 96 | 2592 | 5.40 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.29 | 99 | 59317 | 28.28 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.46 | 67 | 41362 | 30.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.67 | 132 | 37036 | 27.53 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.85 | 113 | 49302 | 28.38 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.32 | 128 | 20693 | 28.31 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.05 | 143 | 24371 | 29.62 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.59 | 165 | 48669 | 27.36 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.10 | 131 | 57126 | 33.83 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.18 | 166 | 208037 | 31.41 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.47 | 160 | 202333 | 28.18 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.97 | 143 | 35121 | 33.65 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.77 | 176 | 168805 | 28.48 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 40178 | 27.75 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.62 | 188 | 323652 | 29.74 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.90 | 212 | 386152 | 28.47 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.88 | 264 | 431676 | 28.88 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.32 | 94 | 3787 | 1.67 | ng/ul# | 86 |
| 45) Dimethylphthalate | 14.22 | 163 | 223509 | 34.03 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 14.22 | 165 | 2516 | 1.91 | ng/ul# | 44 |

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

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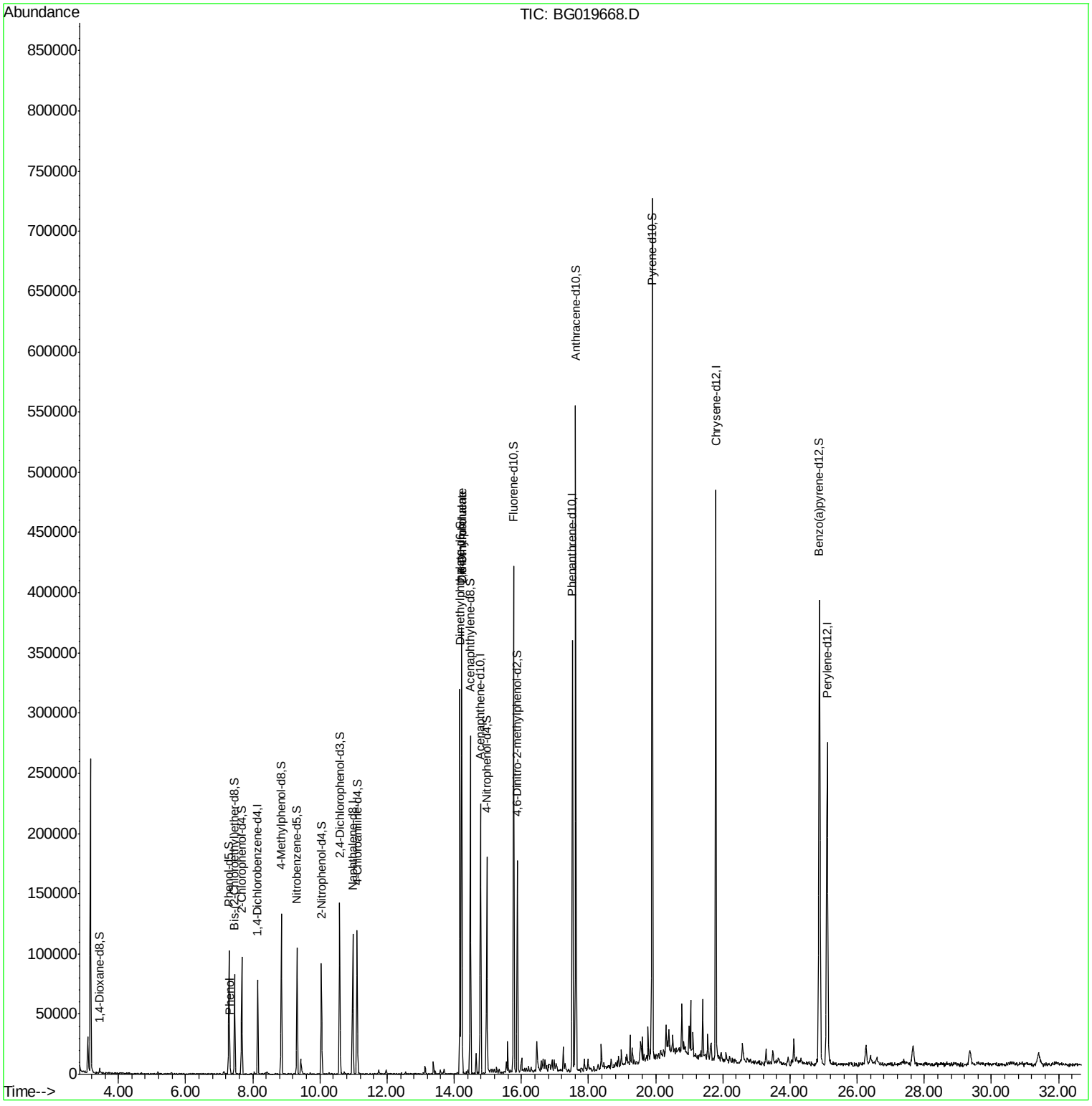
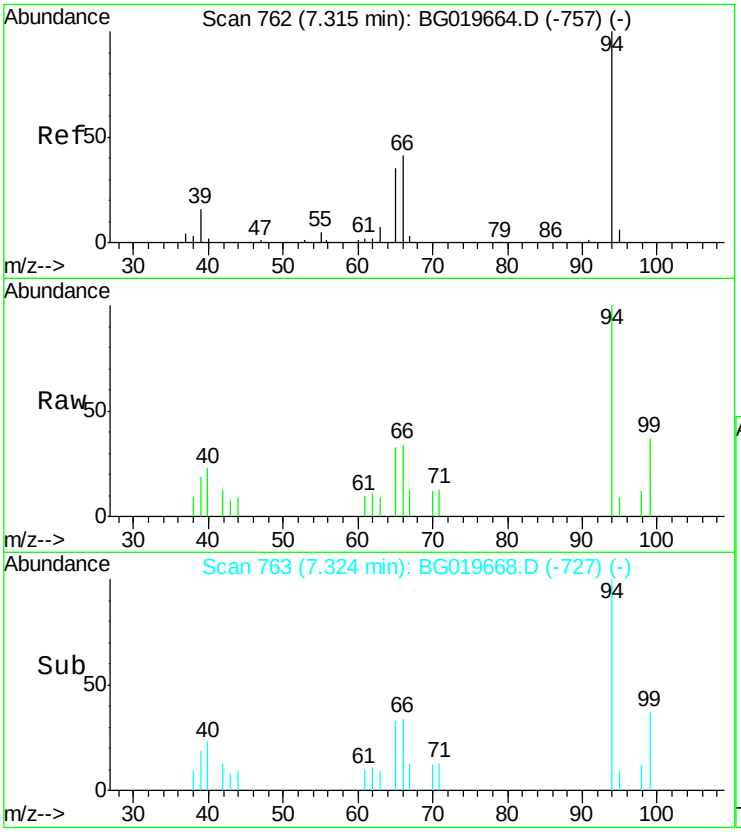


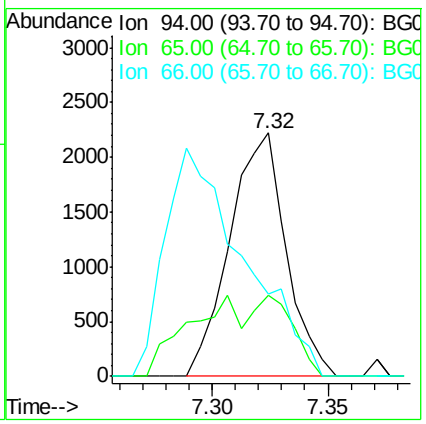


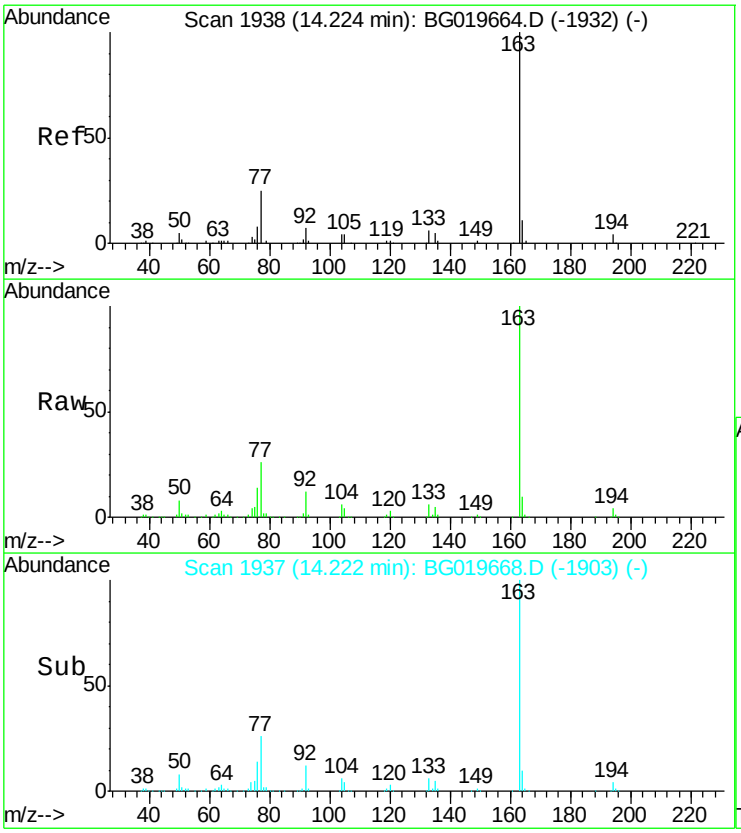

#6
Phenol
Concen: 1.67 ng/ul
RT: 7.32 min Scan# 763
Delta R.T. 0.01 min
Lab File: BG019668.D
Acq: 17 Nov 2015 20:23

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

Tgt Ion: 94 Resp: 3787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.1 | 27.4 | 41.0 |
| 66 | 33.7 | 39.0 | 58.6# |

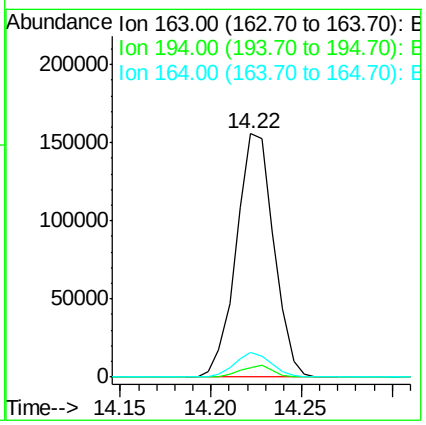


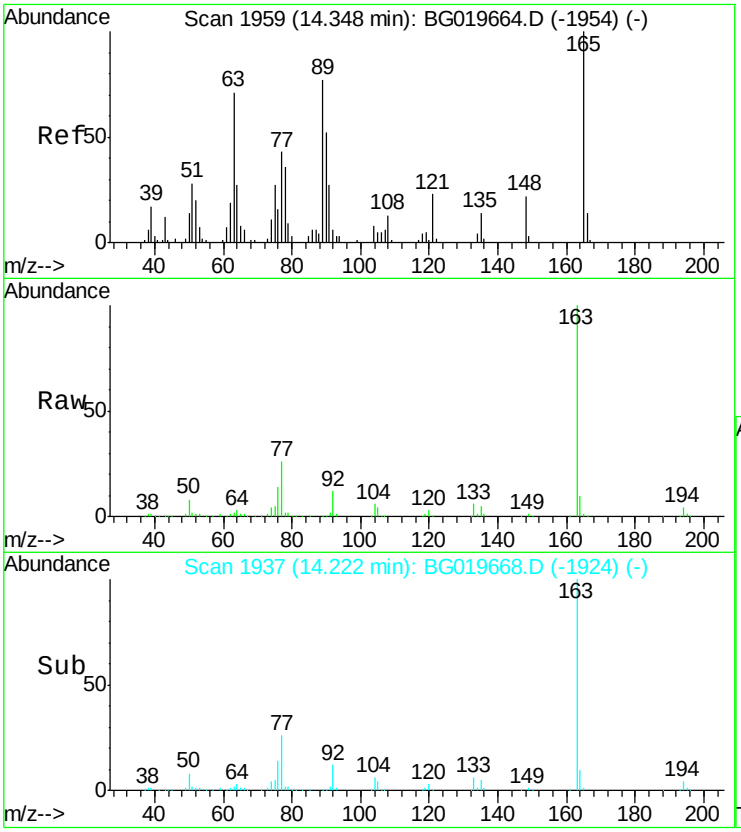




#45
Dimethylphthalate
Concen: 34.03 ng/ul
RT: 14.22 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG019668.D
Acq: 17 Nov 2015 20:23

Tgt Ion:163 Resp: 223509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.5 | 5.3 |
| 164 | 10.2 | 8.3 | 12.5 |






#46
2,6-Dinitrotoluene
Concen: 1.91 ng/ul
RT: 14.22 min Scan# 1937
Delta R.T. -0.13 min
Lab File: BG019668.D
Acq: 17 Nov 2015 20:23

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

Tgt Ion:165 Resp: 2516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 20.9 | 61.1 | 91.7# |
| 121 | 34.8 | 17.8 | 26.8# |