Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023578.D
Acq On : 10 Aug 2016 5:03
Operator : UM/SJ
Sample : H4362-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PR001-SS005-2430-01

Quant Time: Aug 10 06:46:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.11 | 152 | 144458 | 20.00 | ng/ul | -0.03 |
| 18) Naphthalene-d8 | 10.94 | 136 | 692721 | 20.00 | ng/ul | -0.02 |
| 35) Acenaphthene-d10 | 14.78 | 164 | 488358 | 20.00 | ng/ul | -0.01 |
| 61) Phenanthrene-d10 | 17.55 | 188 | 1220429 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.87 | 240 | 1264936 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.25 | 264 | 1220799 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.48 | 96 | 7026 | 2.07 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.26 | 99 | 327247 | 22.49 | ng/ul | -0.03 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.43 | 67 | 220998 | 23.70 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4 | 7.64 | 132 | 232829 | 23.45 | ng/ul | -0.03 |
| 13) 4-Methylphenol-d8 | 8.82 | 113 | 254132 | 22.37 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5 | 9.29 | 128 | 120497 | 22.07 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4 | 10.02 | 143 | 143272 | 22.85 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3 | 10.57 | 165 | 263221 | 22.25 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4 | 11.09 | 131 | 348659 | 25.12 | ng/ul | -0.02 |
| 43) Dimethylphthalate-d6 | 14.18 | 166 | 924027 | 23.11 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8 | 14.48 | 160 | 1060544 | 23.57 | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4 | 15.00 | 143 | 157451 | 23.07 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.78 | 176 | 856125 | 23.17 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 161754 | 20.66 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.65 | 188 | 1355540 | 24.65 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.94 | 212 | 1550880 | 24.22 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.03 | 264 | 1376997 | 24.92 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.29 | 94 | 15290 | 1.01 | ng/ul# | 74 |
| 44) Dimethylphthalate | 14.22 | 163 | 665236 | 16.80 | ng/ul | 98 |

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

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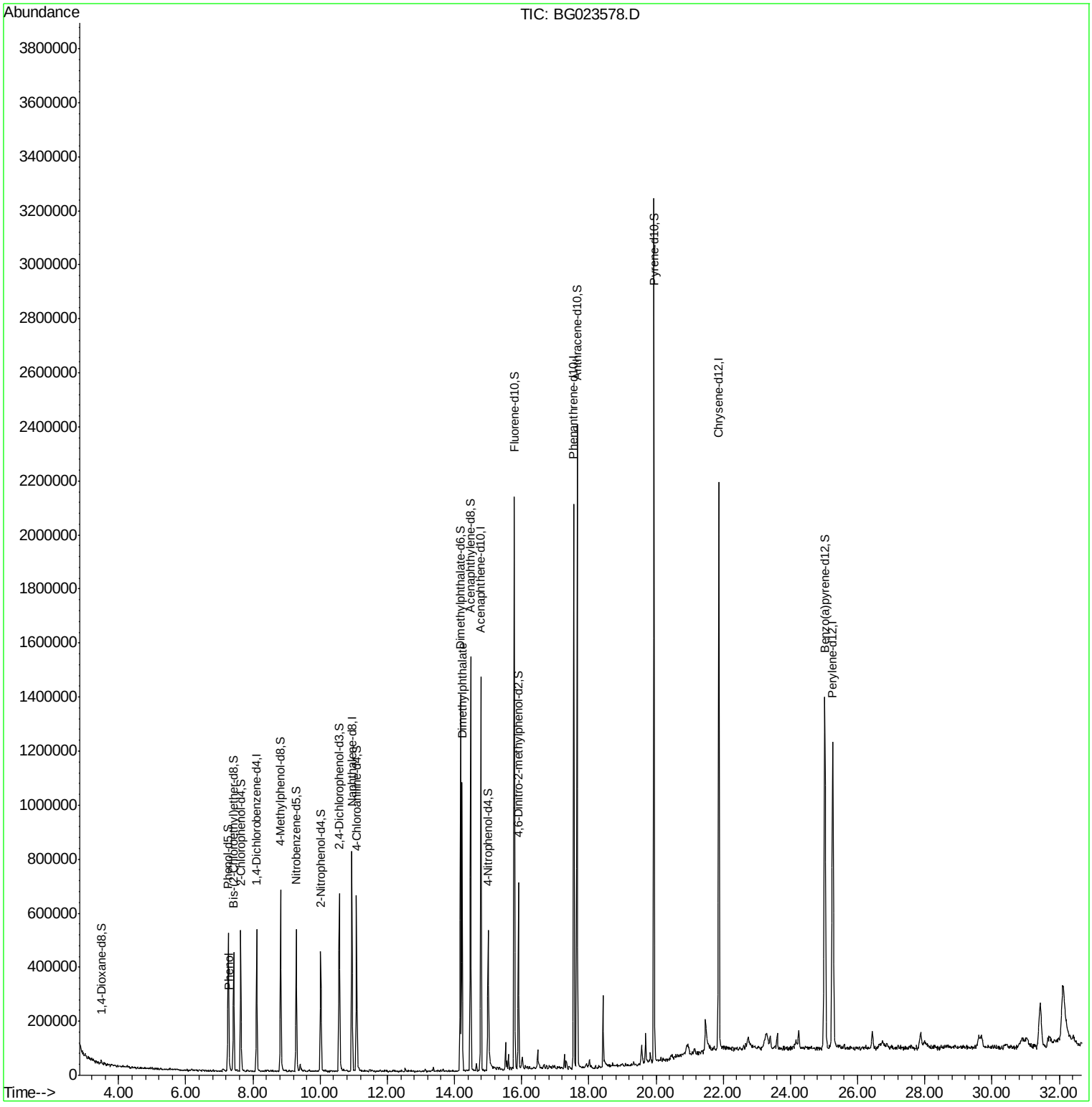
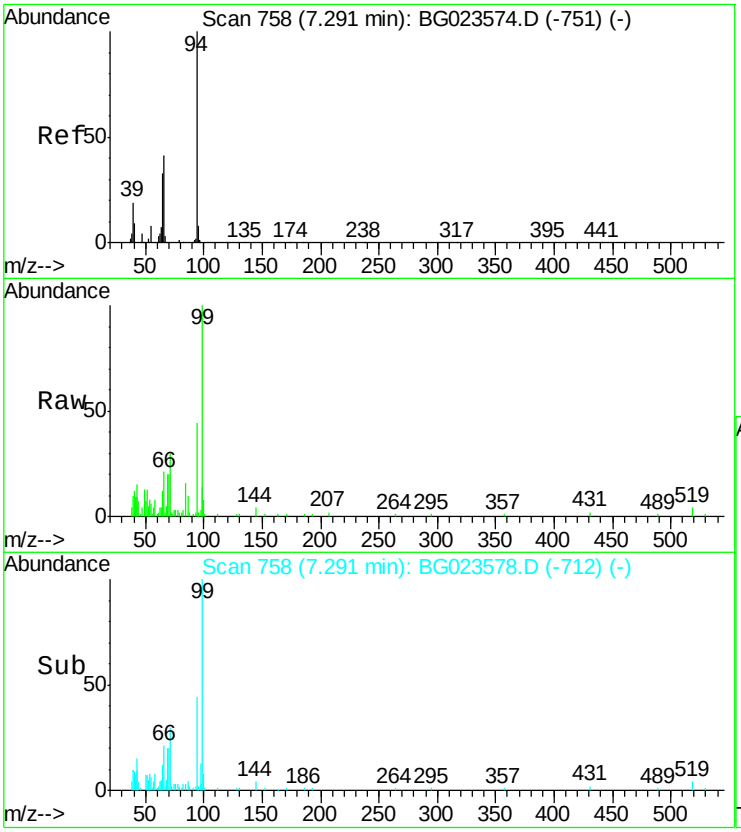


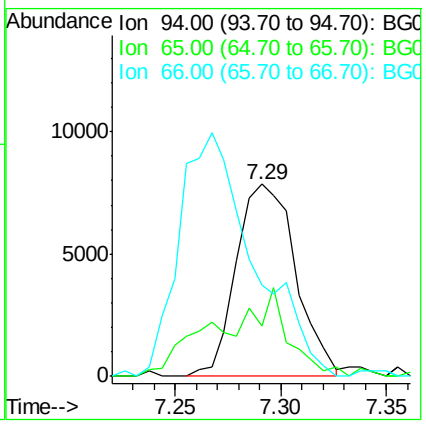


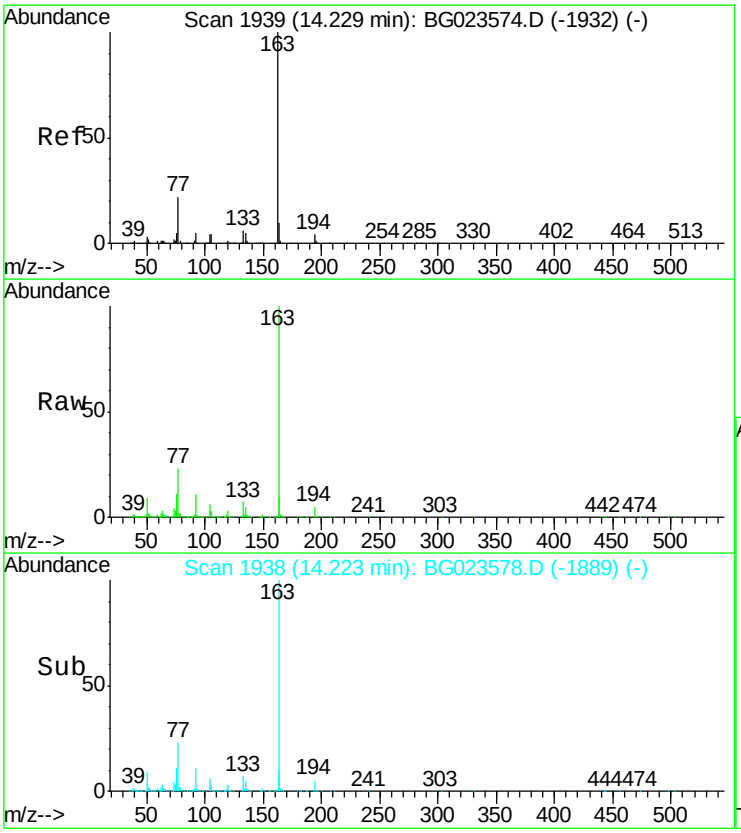

#6
Phenol
Concen: 1.01 ng/ul
RT: 7.29 min Scan# 758
Delta R.T. -0.03 min
Lab File: BG023578.D
Acq: 10 Aug 2016 5:03

**Instrument :**
BNA_G
**ClientSampleId :**
PR001-SS005-2430-01

Tgt Ion: 94 Resp: 15290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.3 | 16.8 | 25.2# |
| 66 | 47.6 | 22.6 | 33.8# |




#44
Dimethylphthalate
Concen: 16.80 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023578.D
Acq: 10 Aug 2016 5:03

Tgt Ion:163 Resp: 665236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.4 | 5.2 |
| 164 | 10.1 | 8.8 | 13.2 |