Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042086.D
Acq On : 9 Aug 2019 3:07
Operator : HP/JU
Sample : PB121972BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SBLK72

Quant Time: Aug 09 08:28:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 15:44:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.02 | 152 | 100981 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 421533 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 299038 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.44 | 188 | 650710 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.72 | 240 | 657133 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.98 | 264 | 750888 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 10945 | 4.74 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.18 | 99 | 226908 | 28.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.34 | 67 | 120094 | 27.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.55 | 132 | 199900 | 29.50 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.73 | 113 | 193248 | 29.05 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.19 | 128 | 100765 | 31.76 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.92 | 143 | 123401 | 33.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.47 | 165 | 227095 | 30.53 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.98 | 131 | 292877 | 35.49 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 734245 | 31.66 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.38 | 160 | 832351 | 31.42 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.87 | 143 | 111793 | 28.71 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.68 | 176 | 637083 | 30.88 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 111418 | 26.69 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.54 | 188 | 999649 | 32.02 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.82 | 212 | 1155181 | 31.50 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.76 | 264 | 1296883 | 33.06 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) 2,6-Dinitrotoluene | 14.69 | 165 | 39103 | 7.807 | ng/ul# | 40 |
| 54) 2,4-Dinitrotoluene | 14.69 | 165 | 39103 | 5.369 | ng/ul# | 44 |

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

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**ClientSampleId :**
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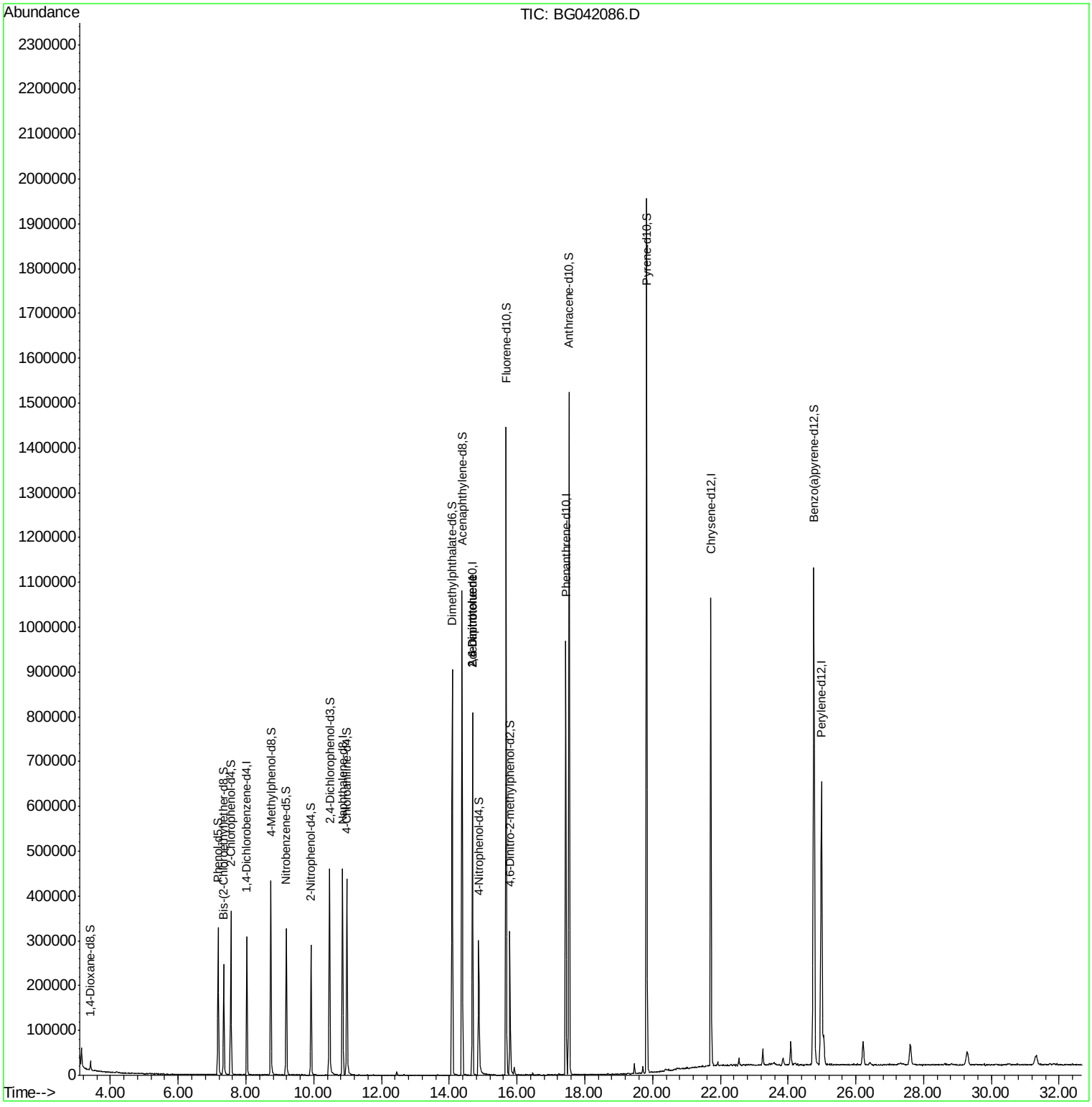
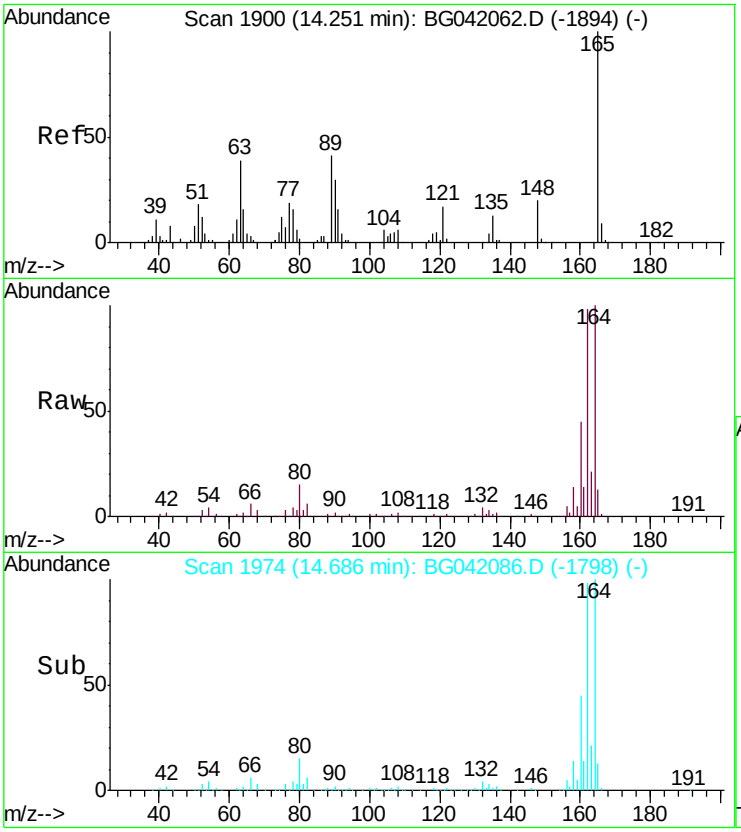


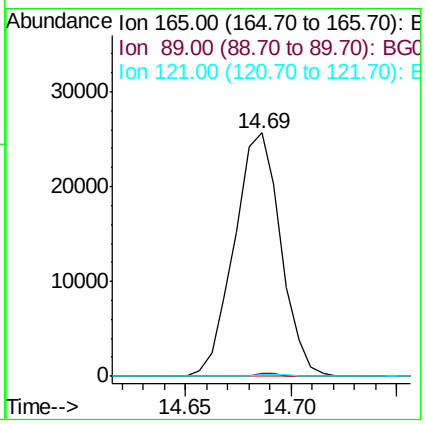


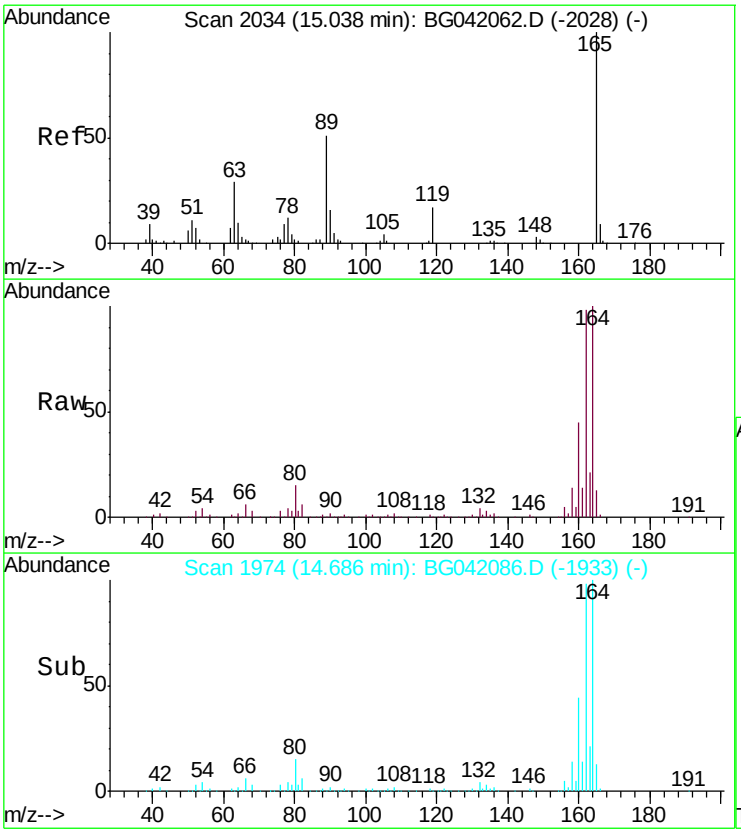

#45
2,6-Dinitrotoluene
Concen: 7.807 ng/ul
RT: 14.69 min Scan# 1974
Delta R.T. 0.43 min
Lab File: BG042086.D
Acq: 9 Aug 2019 3:07

**Instrument :**
BNA_G
**ClientSampleId :**
SBLK72

Tgt Ion:165 Resp: 39103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 1.3 | 36.8 | 55.2# |
| 121 | 0.8 | 15.6 | 23.4# |




#54
2,4-Dinitrotoluene
Concen: 5.369 ng/ul
RT: 14.69 min Scan# 1974
Delta R.T. -0.36 min
Lab File: BG042086.D
Acq: 9 Aug 2019 3:07

Tgt Ion:165 Resp: 39103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 29.4 | 44.2# |
| 182 | 0.0 | 2.6 | 4.0# |