Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043147.D
Acq On : 10 Oct 2019 21:10
Operator : JU
Sample : K5177-15
Misc :
ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Oct 11 01:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 11:52:02 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 46242 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.86 | 136 | 189084 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.68 | 164 | 147970 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.42 | 188 | 361280 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.69 | 240 | 384902 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.91 | 264 | 456584 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.50 | 96 | 2914 | 3.05 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.23 | 99 | 53612 | 15.68 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.38 | 67 | 31983 | 16.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.59 | 132 | 47501 | 17.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.77 | 113 | 33596 | 11.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.22 | 128 | 23760 | 17.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.94 | 143 | 27058 | 17.83 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.49 | 165 | 51020 | 16.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.14 | 131 | 458 | 0.14 | ng/ul | 0.15 |
| 43) Dimethylphthalate-d6 | 14.08 | 166 | 214574 | 18.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.37 | 160 | 236044 | 18.24 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.86 | 143 | 54 | 0.03 | ng/ul | -0.02 |
| 57) Fluorene-d10 | 15.67 | 176 | 192104 | 19.01 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.78 | 200 | 27597 | 11.91 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.52 | 188 | 300402 | 17.60 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.80 | 212 | 389339 | 20.51 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.69 | 264 | 424123 | 18.80 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.25 | 94 | 6931 | 1.986 | ng/ul# | 77 |
| 44) Dimethylphthalate | 14.12 | 163 | 70427 | 6.129 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.07 | 138 | 13279 | 6.767 | ng/ul# | 88 |

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

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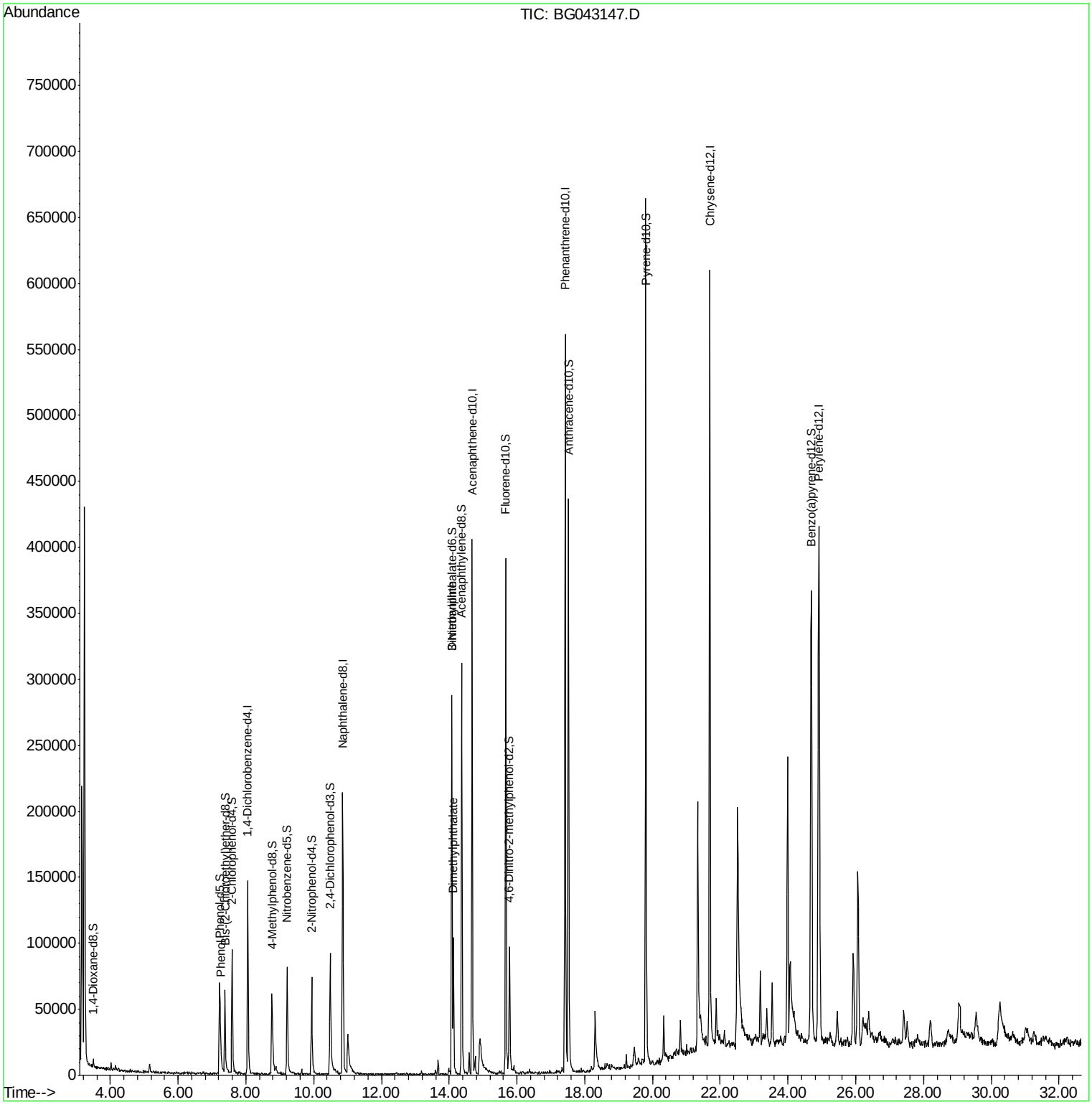
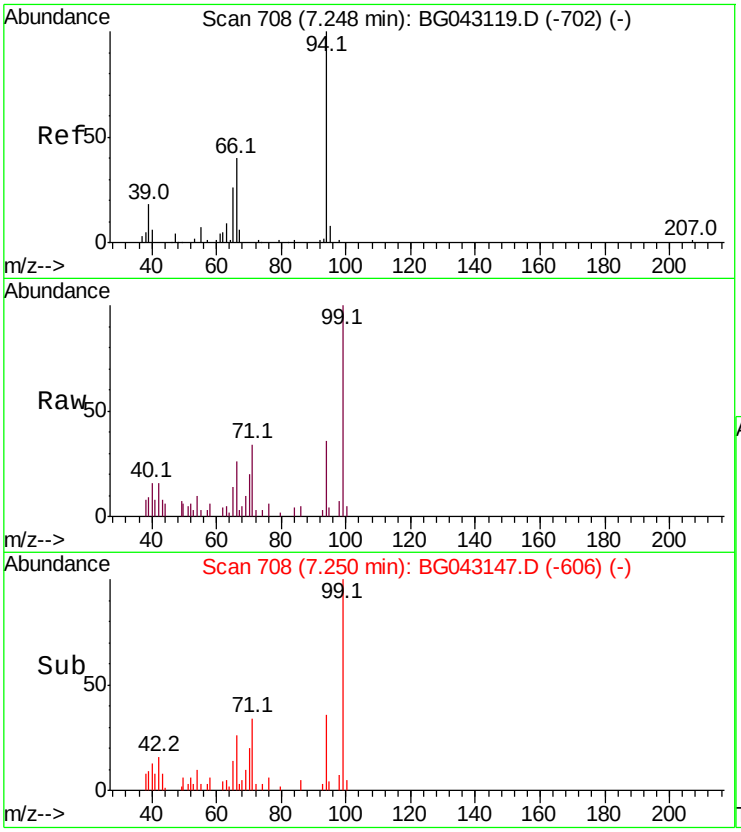


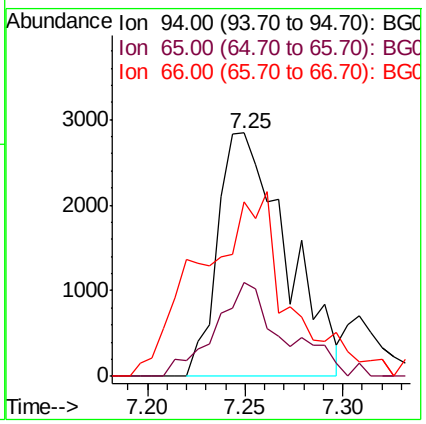


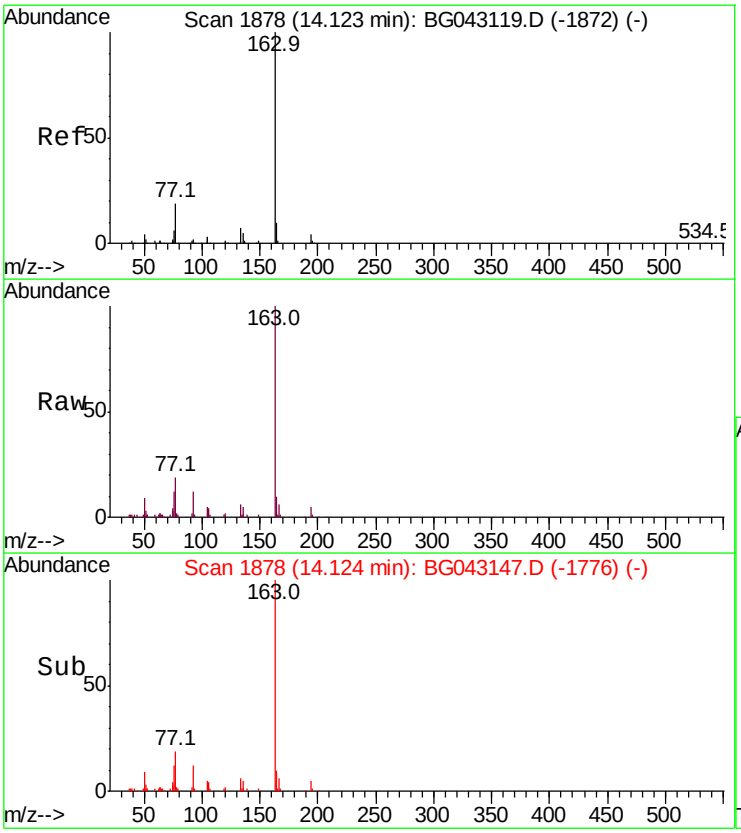

#6
Phenol
Concen: 1.986 ng/ul
RT: 7.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG043147.D
Acq: 10 Oct 2019 21:10

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

Tgt Ion: 94 Resp: 6931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 38.6 | 27.2 | 40.8 |
| 66 | 71.5 | 38.7 | 58.1# |

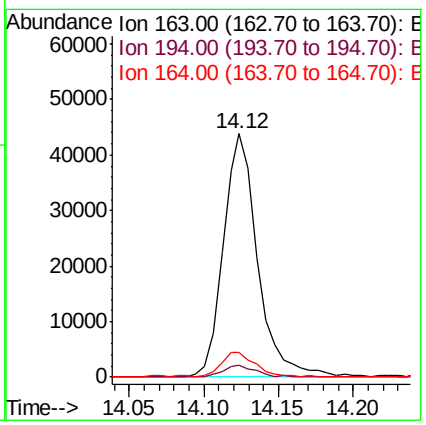


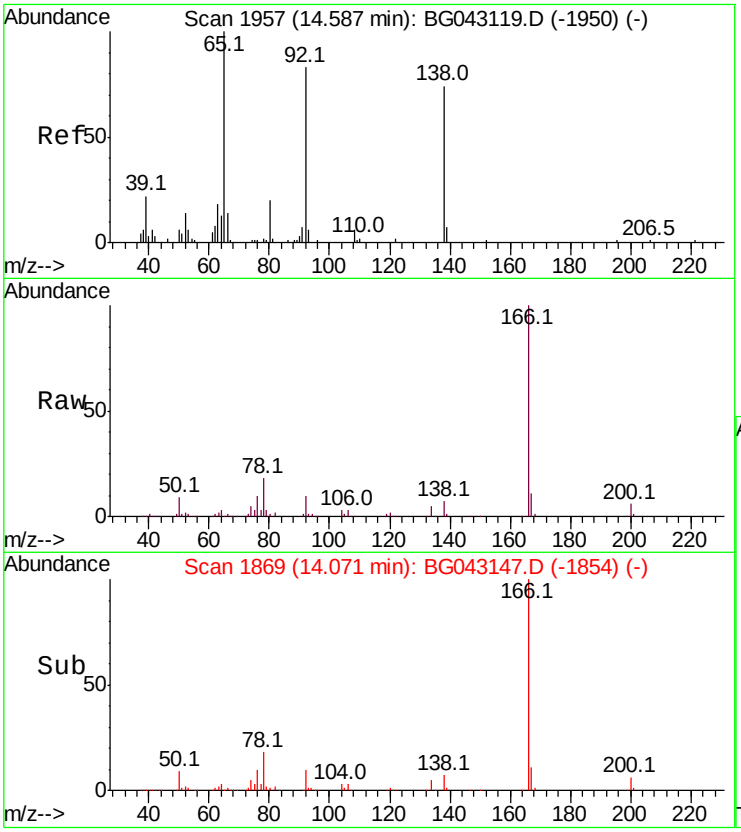




#44
Dimethylphthalate
Concen: 6.129 ng/ul
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG043147.D
Acq: 10 Oct 2019 21:10

Tgt Ion:163 Resp: 70427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.0 | 3.6 | 5.4 |
| 164 | 10.3 | 8.6 | 12.8 |






#48
3-Nitroaniline
Concen: 6.767 ng/ul
RT: 14.07 min Scan# 1869
Delta R.T. -0.51 min
Lab File: BG043147.D
Acq: 10 Oct 2019 21:10

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

Tgt Ion:138 Resp: 13279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 2.2 | 10.2 | 15.4# |
| 92 | 131.0 | 95.2 | 142.8 |