Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
Data File : BN010614.D
Acq On : 28 Apr 2020 03:47
Operator : CG/JU
Sample : L2418-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** CB612

Quant Time: Apr 28 04:48:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 28 03:22:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 400128 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 1705984 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.22 | 164 | 1114606 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.96 | 188 | 2492459 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.17 | 240 | 2539205 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.33 | 264 | 2370720 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 30645 | 4.01 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 244646 | 7.74 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 428062 | 26.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 635392 | 23.59 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 444236 | 16.68 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 350812 | 26.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.44 | 143 | 419275 | 28.62 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.98 | 165 | 742016 | 25.84 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.49 | 131 | 958817 | 29.12 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.63 | 166 | 2177014 | 26.32 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.90 | 160 | 2574230 | 25.33 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.45 | 143 | 90108 | 5.60 | ng/ul | 0.02 |
| 58) Fluorene-d10 | 15.21 | 176 | 1870093 | 25.20 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 143527 | 11.02 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.06 | 188 | 2947643 | 25.53 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.36 | 212 | 3383132 | 23.60 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.20 | 264 | 3047112 | 24.78 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 1154501 | 142.70 | ng/uL | 95 |
| 6) Phenol | 6.81 | 94 | 37567 | 1.15 | ng/ul | 95 |
| 45) Dimethylphthalate | 13.68 | 163 | 432452 | 5.04 | ng/ul | 98 |

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

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Quant Title : SVOA CALIBRATION
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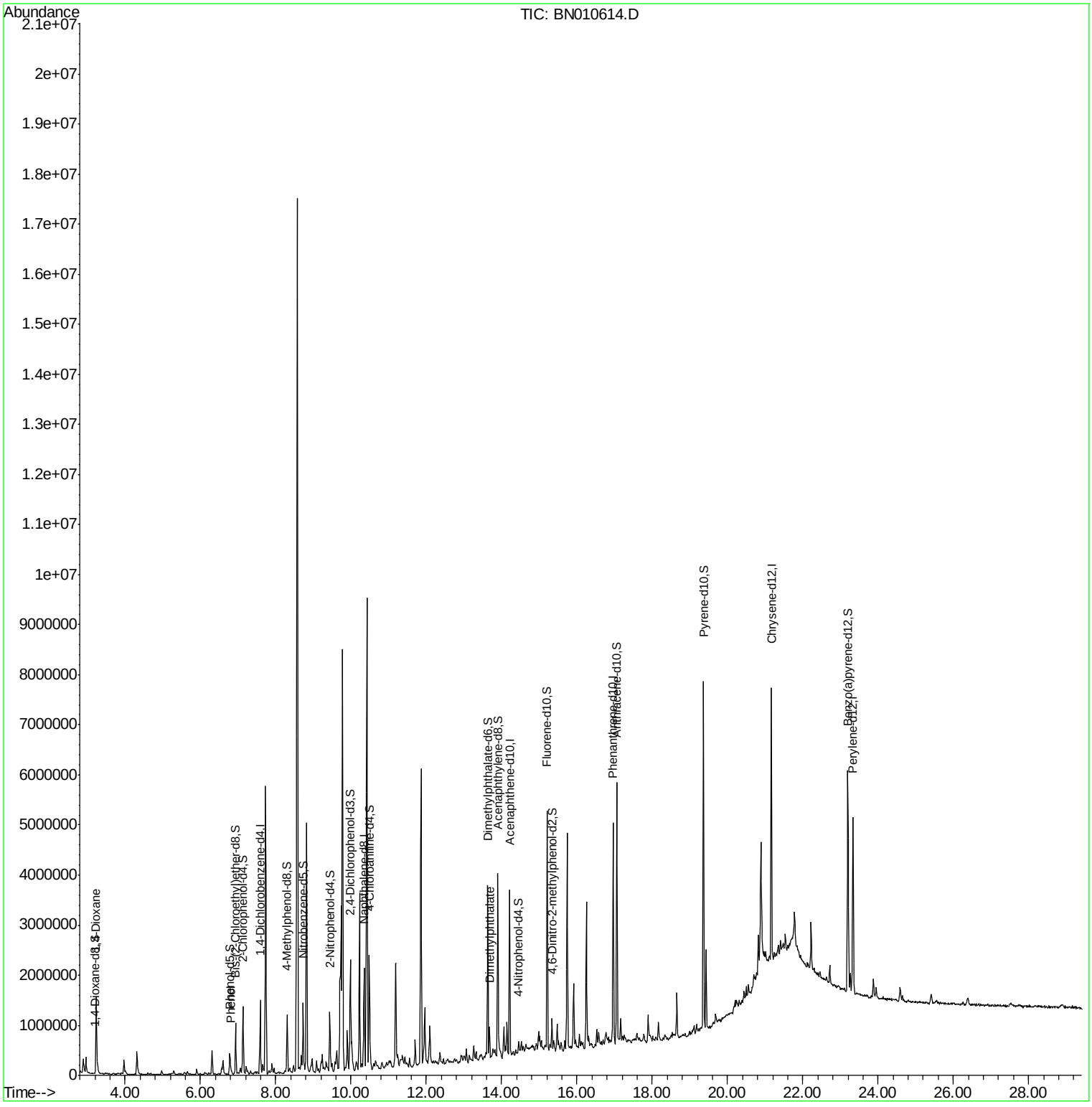
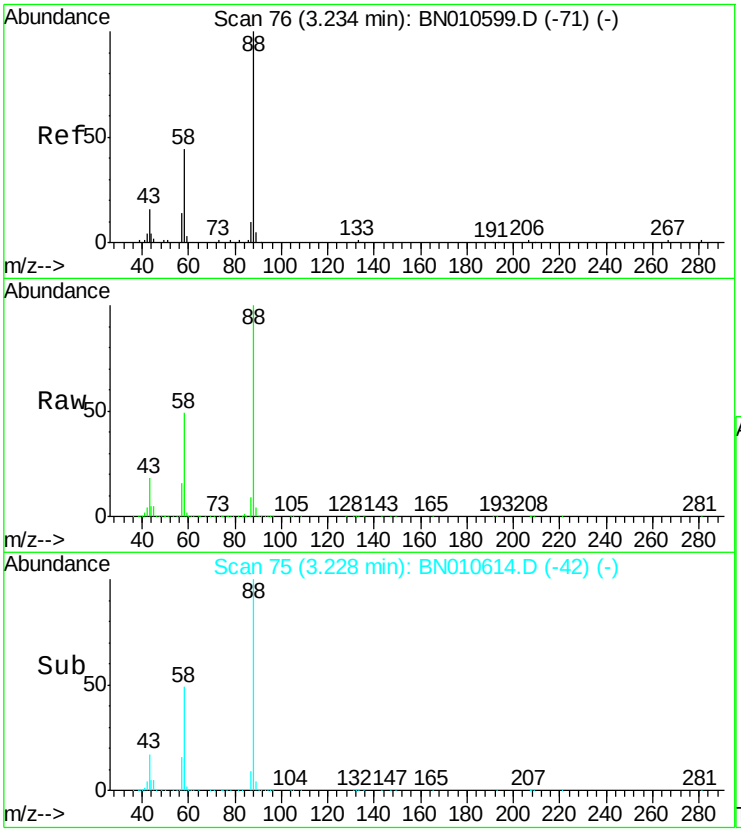


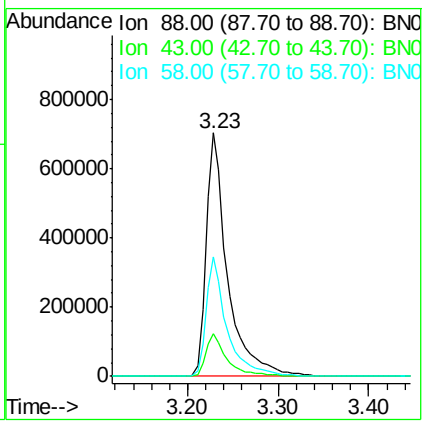


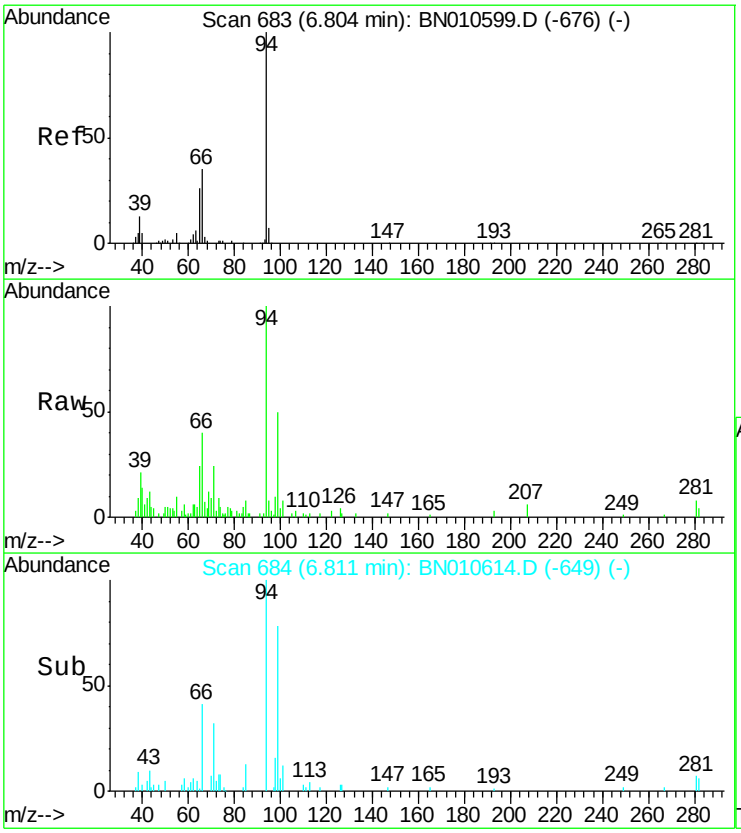

#2
1,4-Dioxane
Concen: 142.70 ng/uL
RT: 3.23 min Scan# 75
Delta R.T. -0.01 min
Lab File: BN010614.D
Acq: 28 Apr 2020 03:47

**Instrument :**
BNA_N
**ClientSampleId :**
CB612

Tgt Ion: 88 Resp: 1154501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 17.7 | 16.5 | 24.7 |
| 58 | 48.9 | 36.7 | 55.1 |

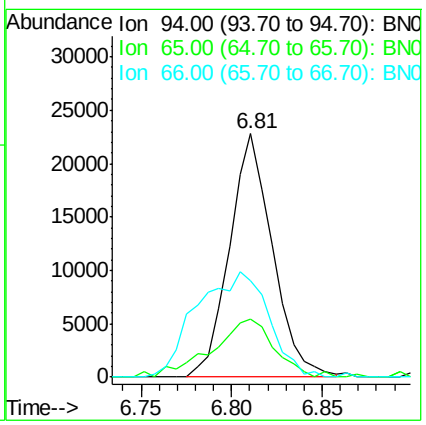


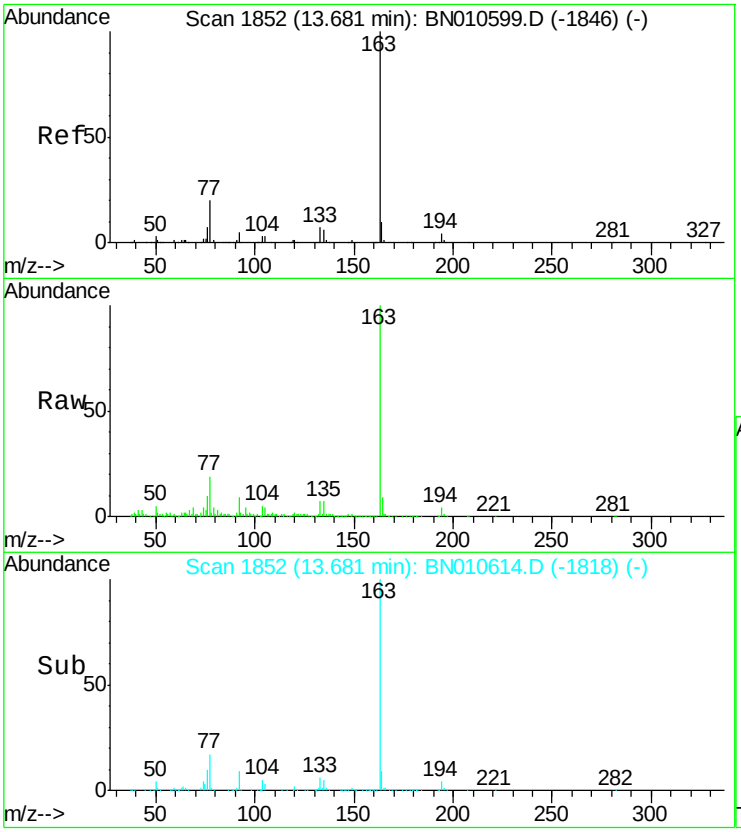




#6
Phenol
Concen: 1.15 ng/ul
RT: 6.81 min Scan# 684
Delta R.T. 0.01 min
Lab File: BN010614.D
Acq: 28 Apr 2020 03:47

Tgt Ion: 94 Resp: 37567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.1 | 21.1 | 31.7 |
| 66 | 39.7 | 29.3 | 43.9 |






#45
Dimethylphthalate
Concen: 5.04 ng/ul
RT: 13.68 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BN010614.D
Acq: 28 Apr 2020 03:47

**Instrument :**
BNA_N
**ClientSampleId :**
CB612

Tgt Ion:163 Resp: 432452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.3 | 4.9 |
| 164 | 9.3 | 8.0 | 12.0 |