Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082018\
Data File : BN002433.D
Acq On : 20 Aug 2018 21:21
Operator : JU/SJ
Sample : J4514-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Aug 21 01:56:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 21 01:54:59 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 138456 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 658789 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.30 | 164 | 412310 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.05 | 188 | 990979 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.25 | 240 | 1134894 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.47 | 264 | 1226952 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.24 | 96 | 20232 | 6.90 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.85 | 99 | 114589 | 9.03 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.02 | 67 | 333411 | 41.81 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.21 | 132 | 321942 | 33.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.38 | 113 | 211890 | 20.88 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 217817 | 41.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.54 | 143 | 232568 | 42.17 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 362534 | 35.78 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.45 | 131 | 668 | 0.06 | ng/ul | -0.14 |
| 43) Dimethylphthalate-d6 | 13.72 | 166 | 1420868 | 41.57 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.99 | 160 | 1781229 | 42.48 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.53 | 143 | 36370 | 5.63 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.30 | 176 | 1286660 | 43.42 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 211351 | 33.50 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.15 | 188 | 2078670 | 43.91 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.45 | 212 | 2365946 | 43.57 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.33 | 264 | 2817994 | 43.92 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 4975 | 1.585 | ng/uL | 85 |
| 45) 2,6-Dinitrotoluene | 13.72 | 165 | 8926 | 1.318 | ng/ul# | 39 |

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

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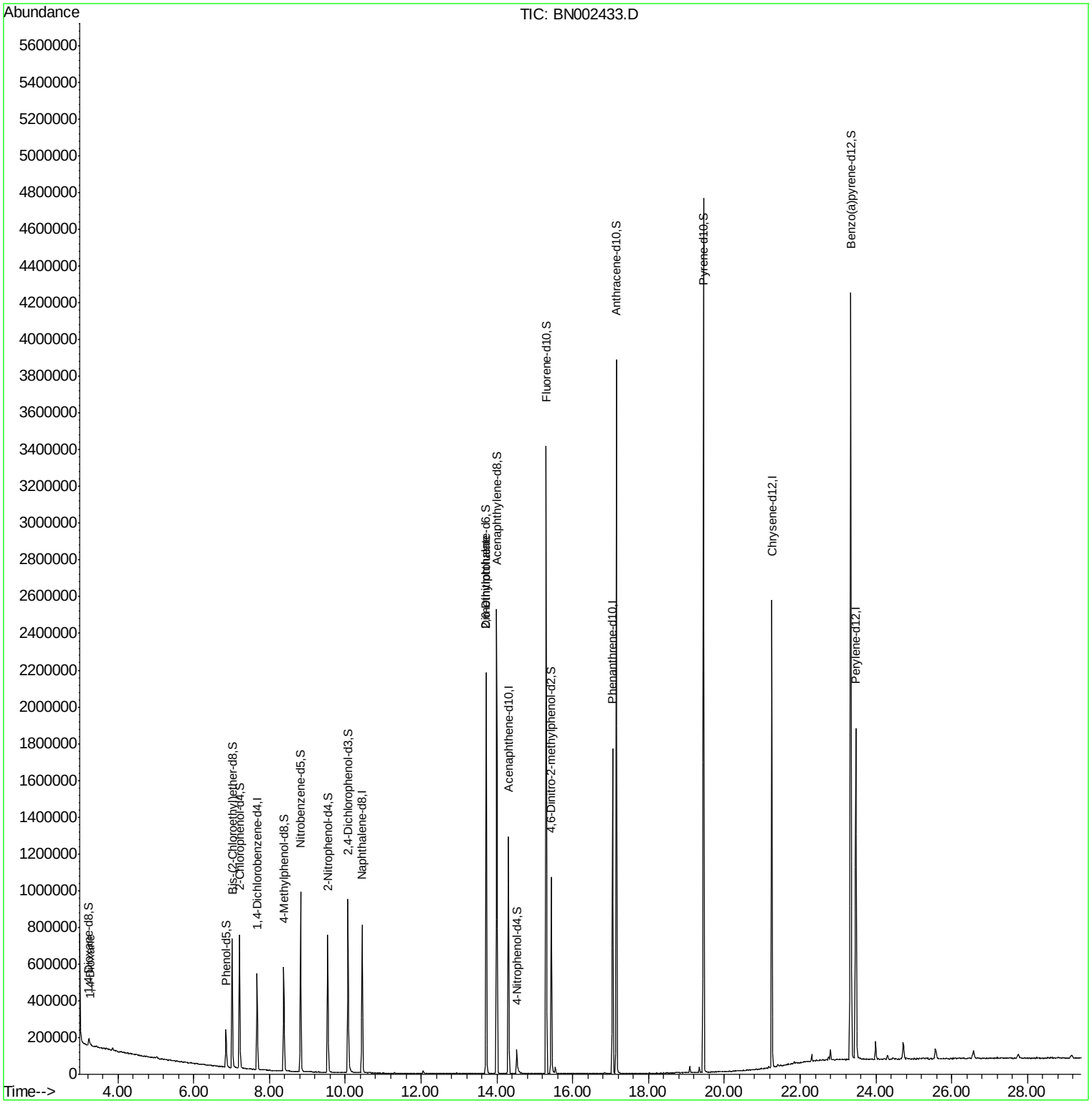
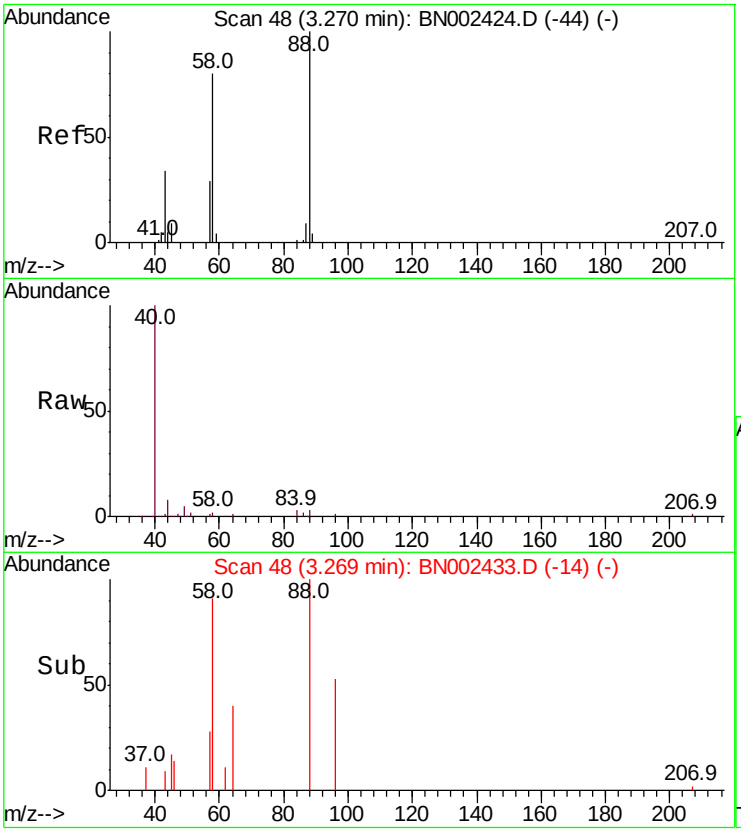


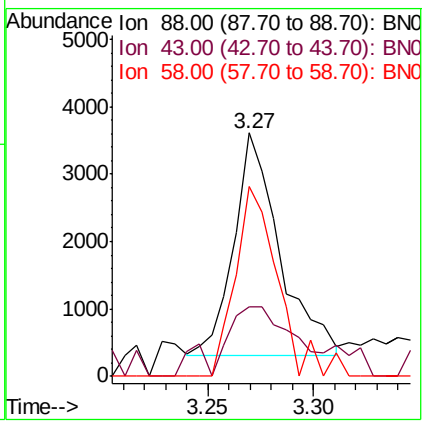


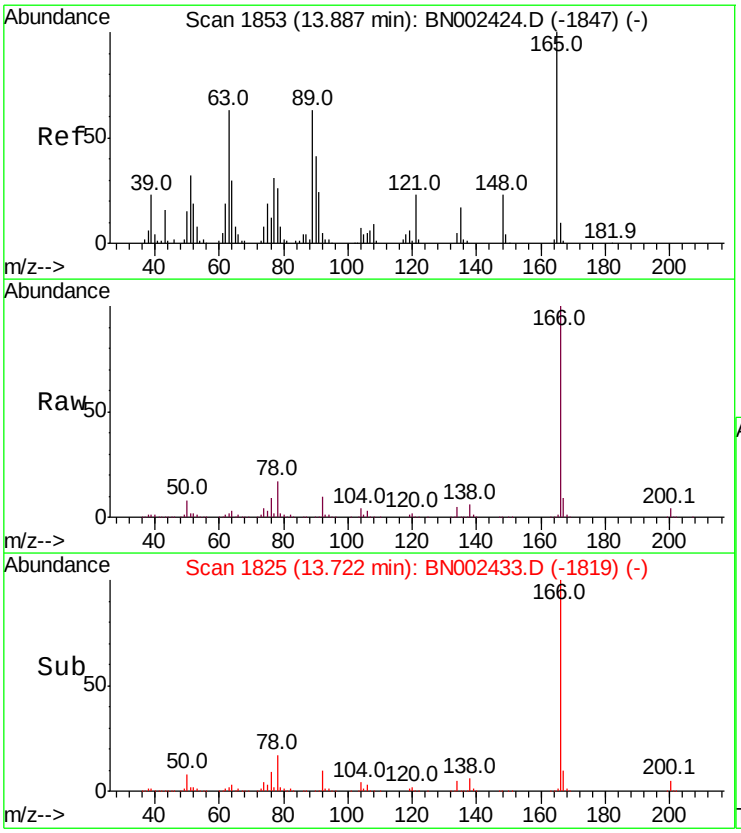

#2
1,4-Dioxane
Concen: 1.585 ng/uL
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BN002433.D
Acq: 20 Aug 2018 21:21

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

Tgt Ion: 88 Resp: 4975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 43.7 | 32.0 | 48.0 |
| 58 | 72.5 | 72.0 | 108.0 |




#45
2,6-Dinitrotoluene
Concen: 1.318 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.16 min
Lab File: BN002433.D
Acq: 20 Aug 2018 21:21

Tgt Ion:165 Resp: 8926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 42.4 | 63.6# |
| 121 | 33.0 | 16.6 | 24.8# |