Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091624\
Data File : BN034004.D
Acq On : 17 Sep 2024 01:26
Operator : JU/RC
Sample : P3994-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0B22

Quant Time: Sep 17 01:52:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.477 | 152 | 4334 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.233 | 136 | 12131 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.119 | 164 | 7720 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 16.877 | 188 | 13485m | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.092 | 240 | 14213m | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.228 | 264 | 10671m | 0.400 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.097 | 96 | 24907 | 5.590 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.834 | 152 | 4863 | 0.279 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 18.915 | 212 | 12252 | 0.289 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.131 | 88 | 1408 | 0.285 | ng/ul# | 89 |

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

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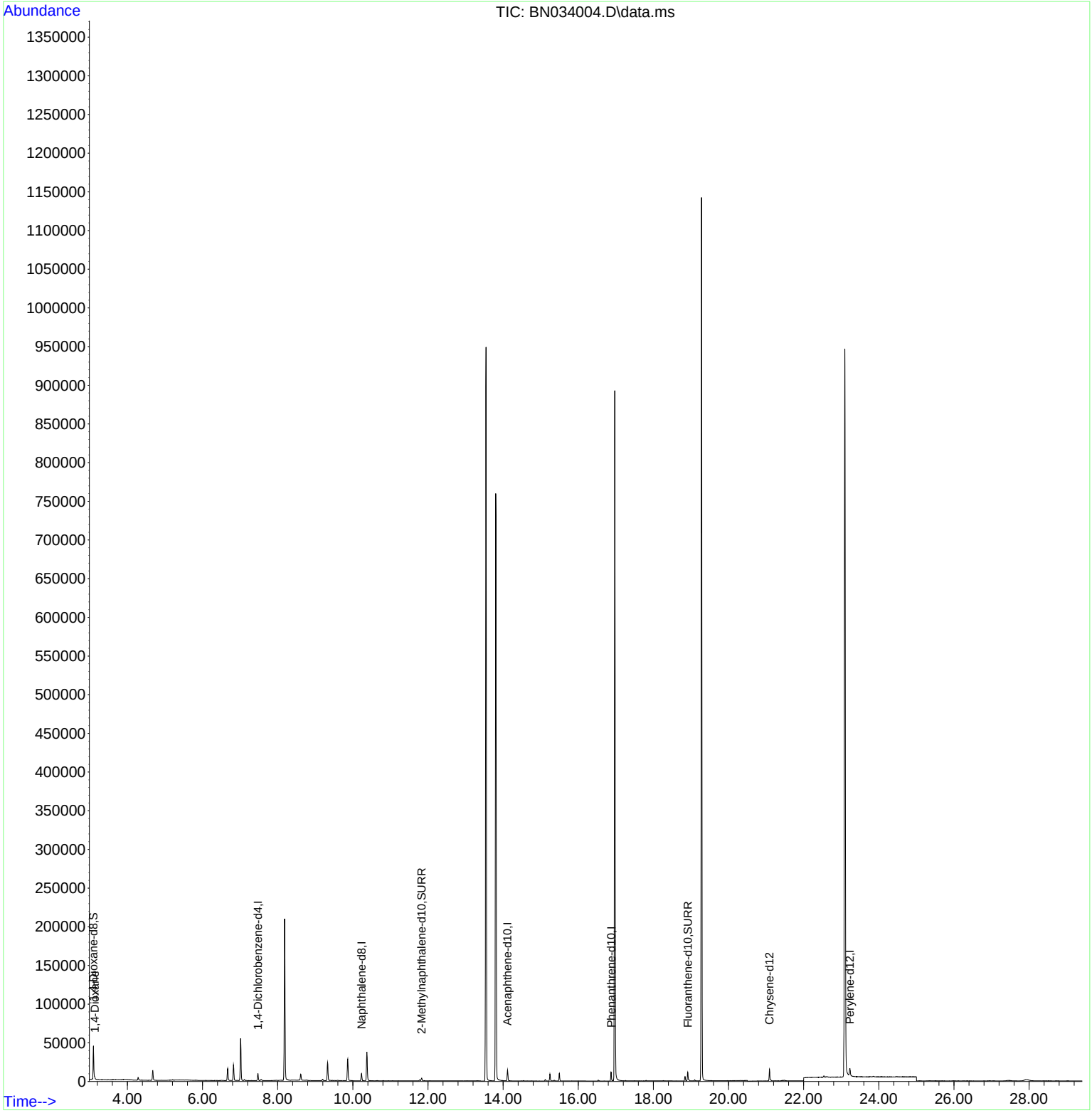

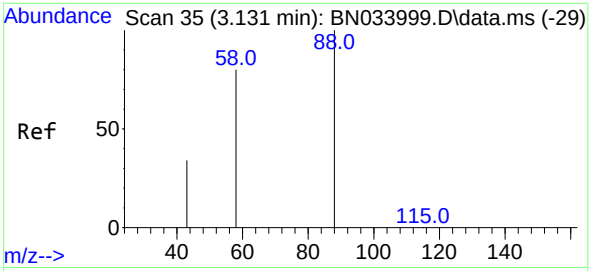


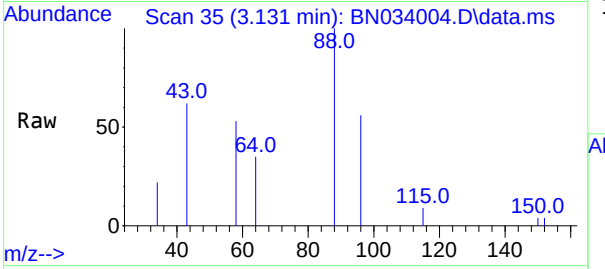


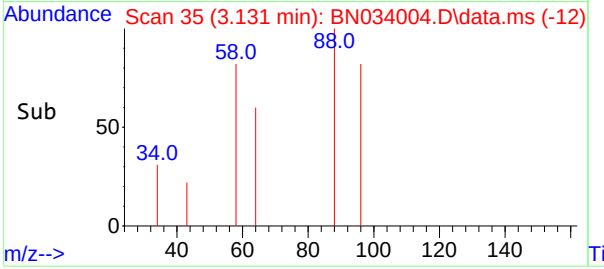


#2
1,4-Dioxane
Concen: 0.285 ng/ul
RT: 3.131 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN034004.D
Acq: 17 Sep 2024 01:26

**Instrument :**
BNA_N
**ClientSampleId :**
C0B22

Tgt Ion: 88 Resp: 1408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 62.4 | 47.0 | 70.4 |
| 58 | 52.8 | 53.0 | 79.4# |