Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032524\
Data File : BN030488.D
Acq On : 25 Mar 2024 19:22
Operator : MA/JU
Sample : P1813-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
E0LY2

Quant Time: Mar 25 23:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 25 13:38:40 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.728 | 152 | 9936 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.512 | 136 | 31553 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.364 | 164 | 18745 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.113 | 188 | 43673 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.304 | 240 | 32701 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.555 | 264 | 32096 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.218 | 96 | 48920 | 4.190 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.102 | 152 | 12597 | 0.283 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.142 | 212 | 34933 | 0.342 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 14) Pentachlorophenol | 16.754 | 266 | 320 | 0.039 | ng/ul | 98 |
| 15) Phenanthrene | 17.151 | 178 | 3214 | 0.022 | ng/ul# | 86 |
| 19) Fluoranthene | 19.170 | 202 | 3596 | 0.023 | ng/ul# | 84 |
| 24) Benzo(b)fluoranthene | 22.877 | 252 | 3329 | 0.022 | ng/ul# | 34 |
| 26) Benzo(a)pyrene | 23.415 | 252 | 12269 | 0.101 | ng/ul# | 68 |

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

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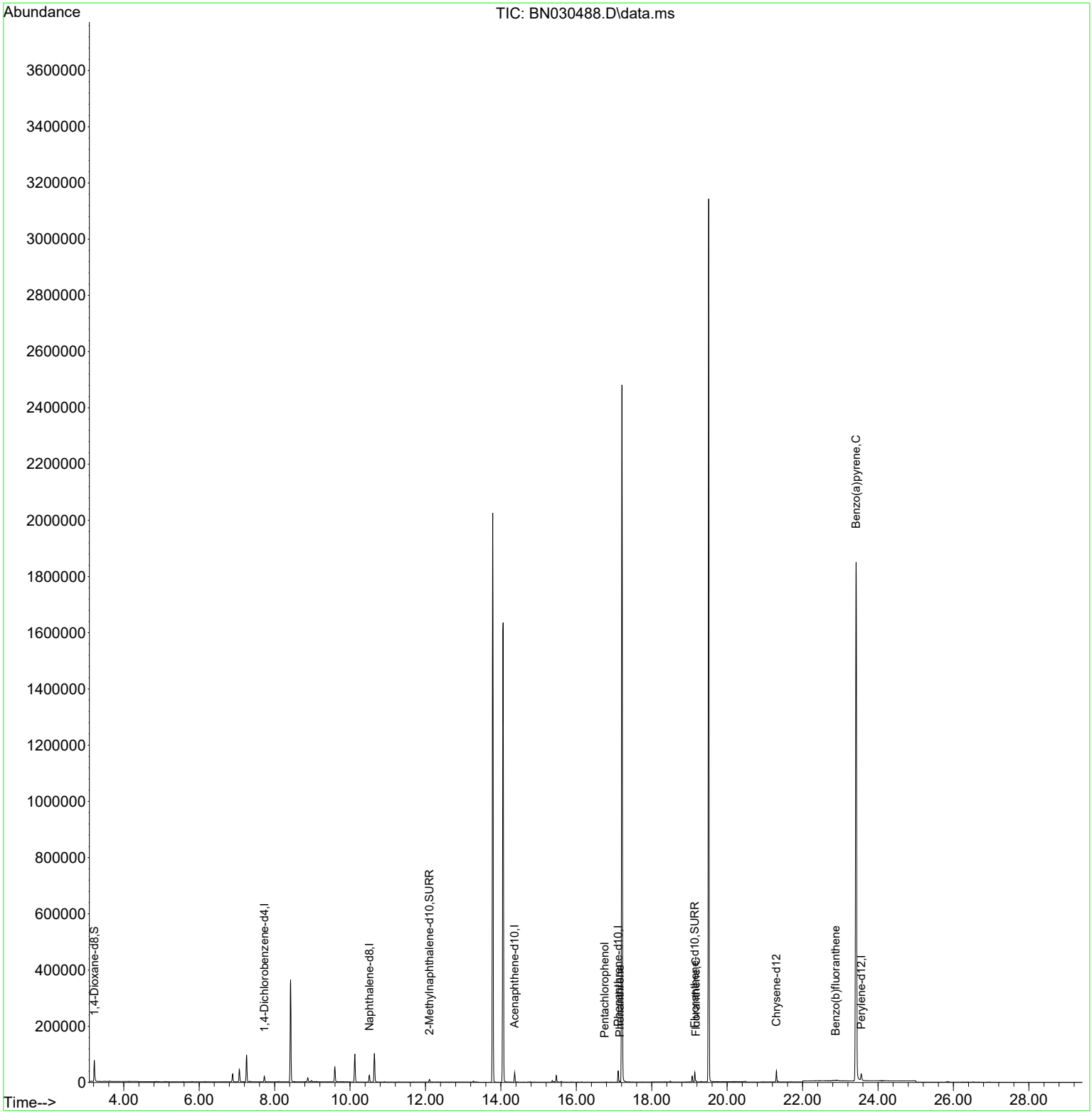
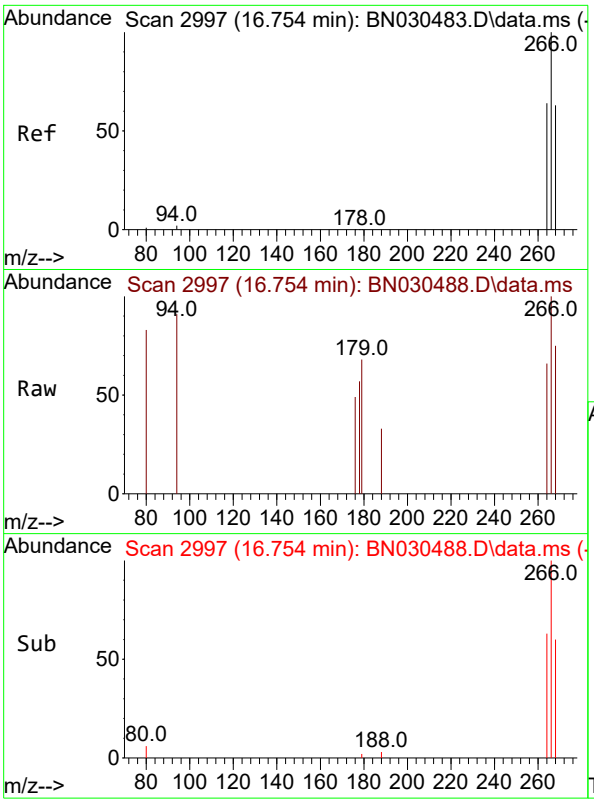


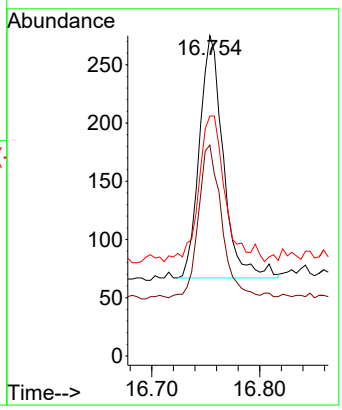


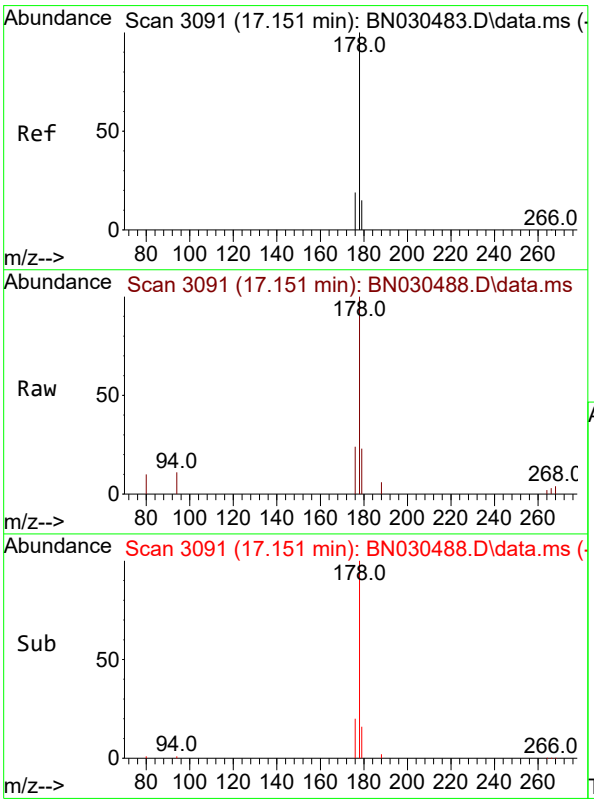

#14
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 16.754 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN030488.D
Acq: 25 Mar 2024 19:22

**Instrument :**
BNA_N
**ClientSampleId :**
E0LY2

Tgt Ion:266 Resp: 320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 61.3 | 50.2 | 75.2 |
| 268 | 66.3 | 52.0 | 78.0 |

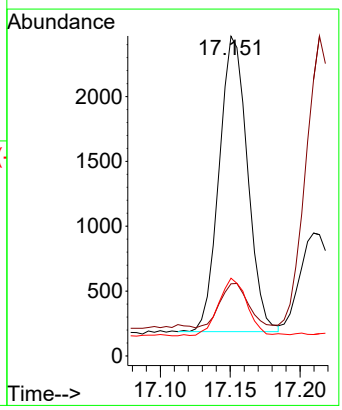


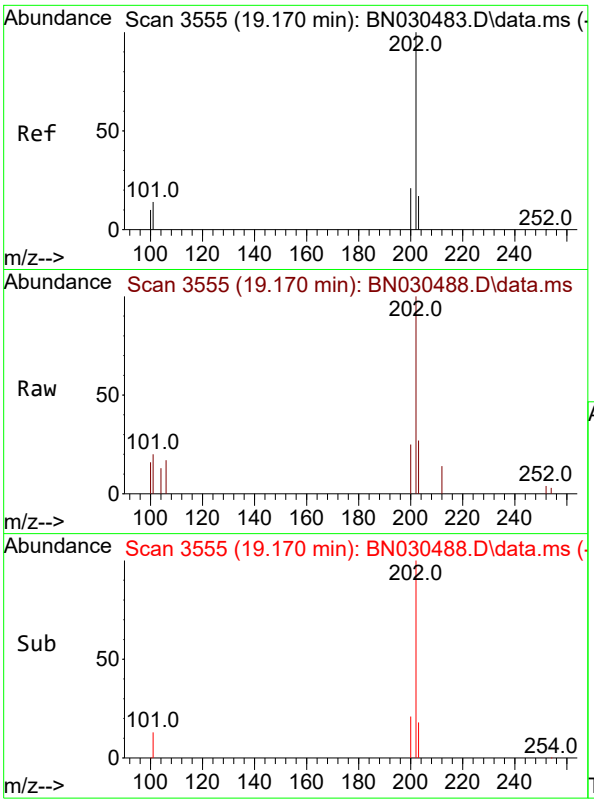




#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.151 min Scan# 3091
Delta R.T. -0.003 min
Lab File: BN030488.D
Acq: 25 Mar 2024 19:22

Tgt Ion:178 Resp: 3214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 22.6 | 12.3 | 18.5# |
| 176 | 24.3 | 15.5 | 23.3# |



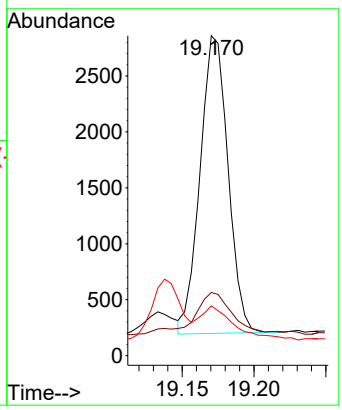


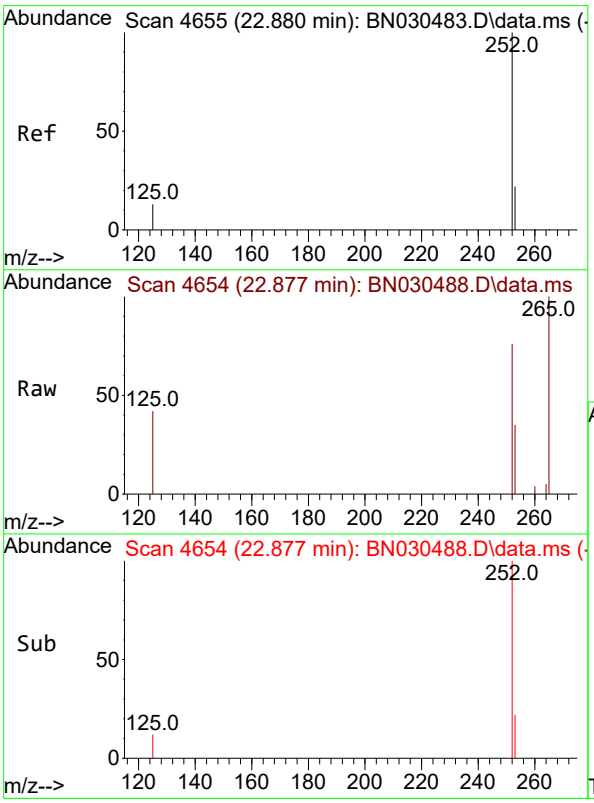

#19
Fluoranthene
Concen: 0.023 ng/ul
RT: 19.170 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN030488.D
Acq: 25 Mar 2024 19:22

**Instrument :**
BNA_N
**ClientSampleId :**
E0LY2

Tgt Ion:202 Resp: 3596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 19.8 | 10.6 | 16.0# |
| 100 | 15.6 | 7.8 | 11.8# |

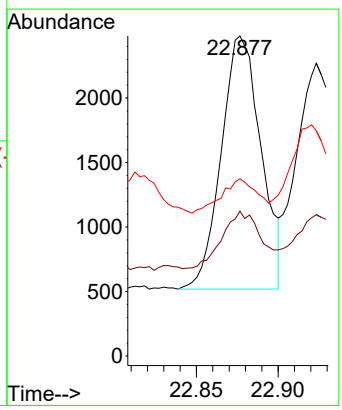


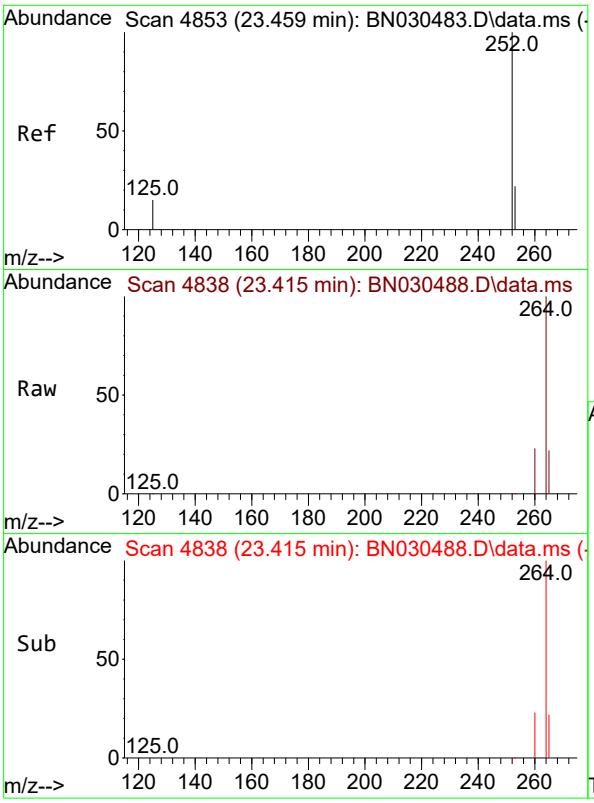




#24
Benzo(b)fluoranthene
Concen: 0.022 ng/ul
RT: 22.877 min Scan# 4654
Delta R.T. 0.001 min
Lab File: BN030488.D
Acq: 25 Mar 2024 19:22

Tgt Ion:252 Resp: 3329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 45.2 | 0.0 | 45.4 |
| 125 | 55.4 | 0.0 | 32.0# |






#26
Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 23.415 min Scan# 4
Delta R.T. -0.037 min
Lab File: BN030488.D
Acq: 25 Mar 2024 19:22

**Instrument :**
BNA_N
**ClientSampleId :**
E0LY2

Tgt Ion:252 Resp: 12269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 36.5 | 18.7 | 28.1# |
| 125 | 37.0 | 15.4 | 23.0# |