Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031128.D
Acq On : 22 Apr 2024 18:55
Operator : MA/JU
Sample : P2037-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
E1CX7

Quant Time: Apr 23 00:24:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.634 | 152 | 99715 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.410 | 136 | 470510 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.280 | 164 | 319124 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.027 | 188 | 740361 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.262 | 240 | 825065 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.168 | 264 | 1007123 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.146 | 96 | 7572 | 3.548 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.557 | 84 | 61096 | 9.940 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.804 | 99 | 190209 | 22.613 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.975 | 67 | 113804 | 23.254 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.163 | 132 | 152522 | 23.288 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.340 | 113 | 116586 | 16.481 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.787 | 128 | 76834 | 22.728 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.504 | 143 | 77310 | 22.000 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.034 | 165 | 152804 | 22.050 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 193966 | 17.911 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.692 | 166 | 529449 | 23.841 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.969 | 160 | 620566 | 24.660 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.498 | 143 | 22370 | 4.826 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.275 | 176 | 503175 | 26.028 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.398 | 200 | 5367 | 1.437 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.127 | 188 | 824456 | 25.692 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.433 | 212 | 1081456 | 26.674 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.968 | 264 | 1313735 | 27.508 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.834 | 94 | 11228 | 1.295 | ng/ul | 91 |
| 16) Acetophenone | 8.457 | 105 | 48366 | 4.413 | ng/ul | 96 |
| 72) Phenanthrene | 17.069 | 178 | 49362 | 1.261 | ng/ul | 97 |
| 80) Fluoranthene | 19.092 | 202 | 112372 | 2.342 | ng/ul# | 96 |
| 82) Pyrene | 19.463 | 202 | 101644 | 2.016 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.245 | 228 | 75035 | 1.339 | ng/ul | 97 |
| 87) Chrysene | 21.304 | 228 | 92543 | 1.740 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.251 | 252 | 150800 | 2.661 | ng/ul# | 92 |
| 93) Benzo(a)pyrene | 24.027 | 252 | 73086 | 1.293 | ng/ul# | 92 |

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

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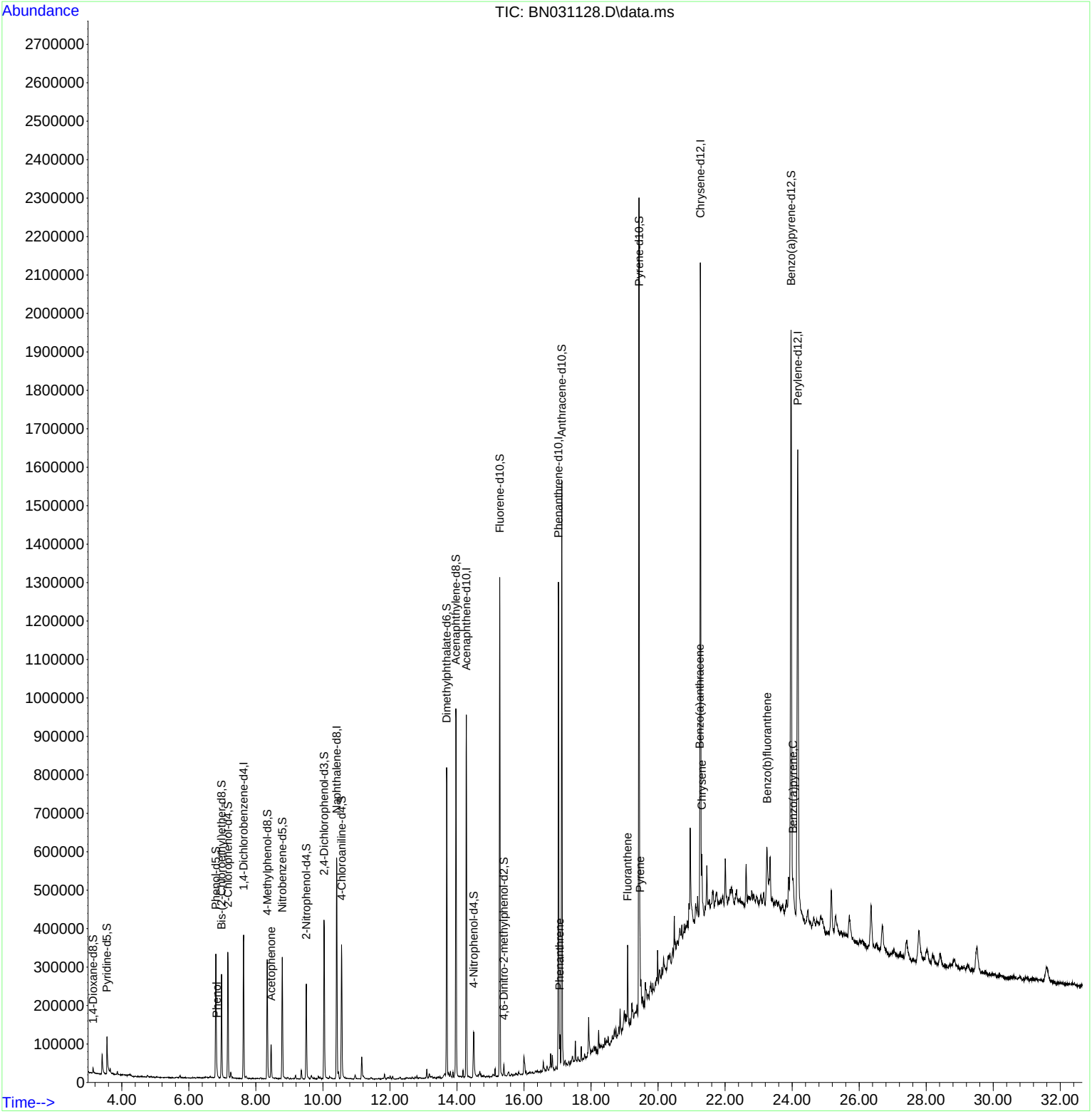
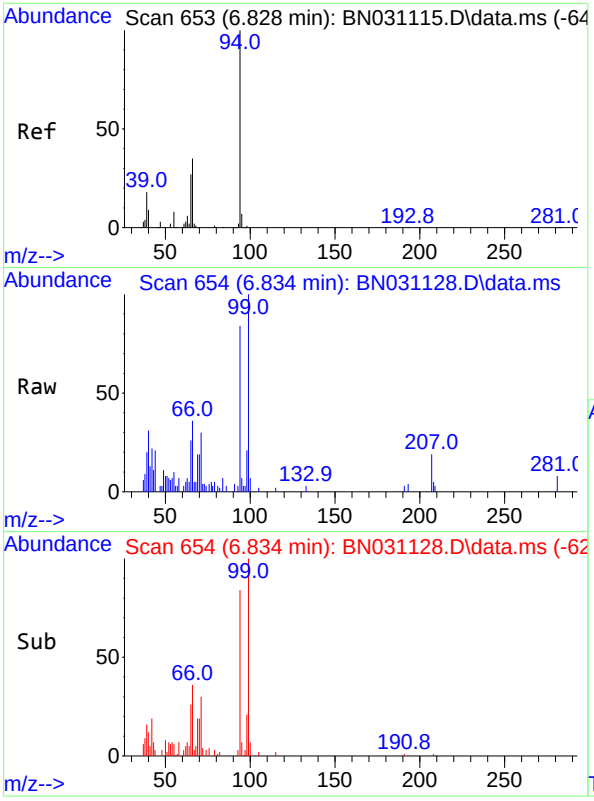
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
E1CX7

Quant Time: Apr 23 00:24:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration



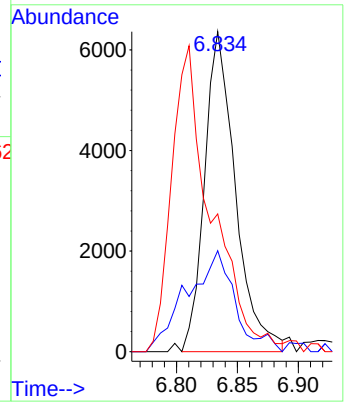


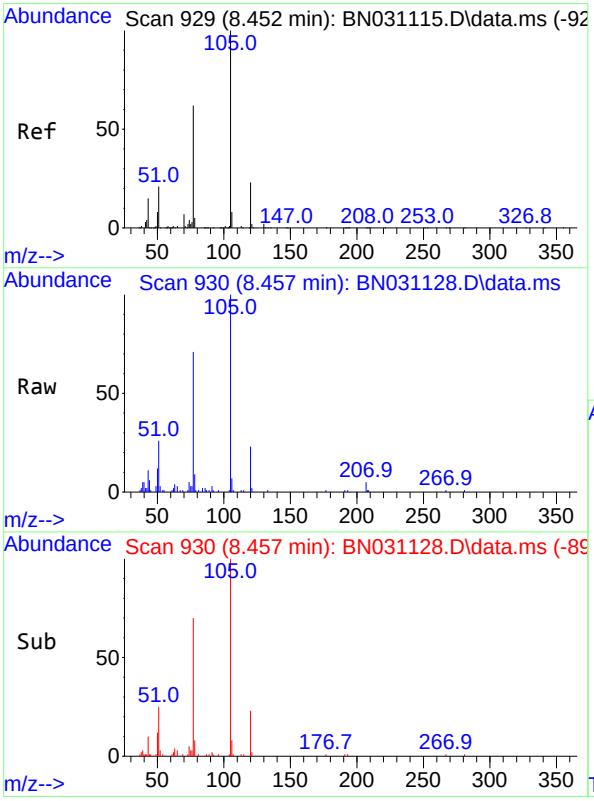

#8
Phenol
Concen: 1.295 ng/ul
RT: 6.834 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN031128.D
Acq: 22 Apr 2024 18:55

**Instrument :**
BNA_N
**ClientSampleId :**
E1CX7

Tgt Ion: 94 Resp: 11228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.6 | 22.0 | 33.0 |
| 66 | 43.1 | 29.8 | 44.6 |

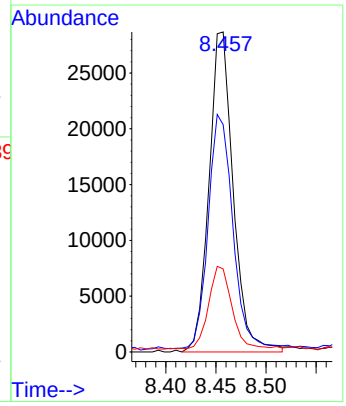


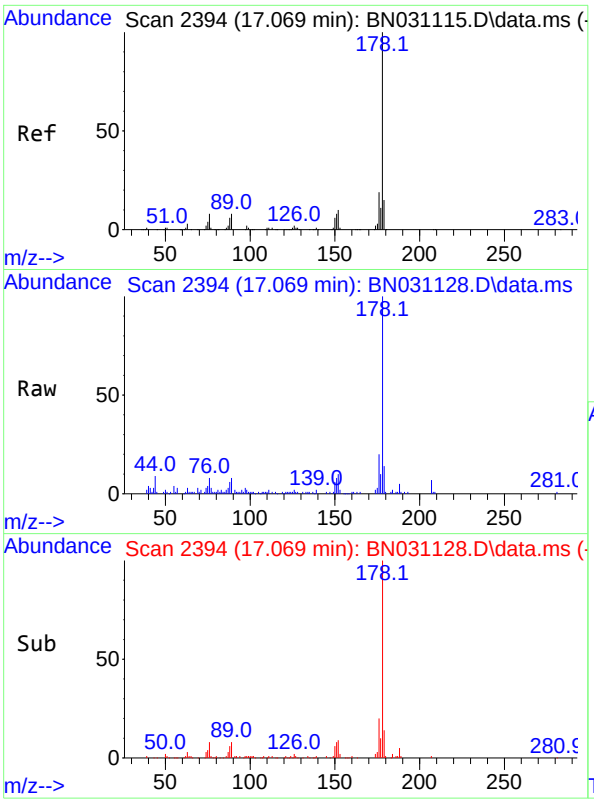




#16
Acetophenone
Concen: 4.413 ng/ul
RT: 8.457 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN031128.D
Acq: 22 Apr 2024 18:55

Tgt Ion:105 Resp: 48366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 71.0 | 60.2 | 90.4 |
| 51 | 26.0 | 20.6 | 31.0 |



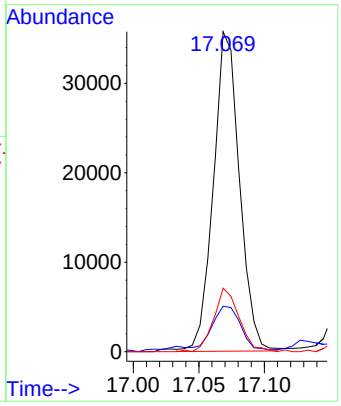


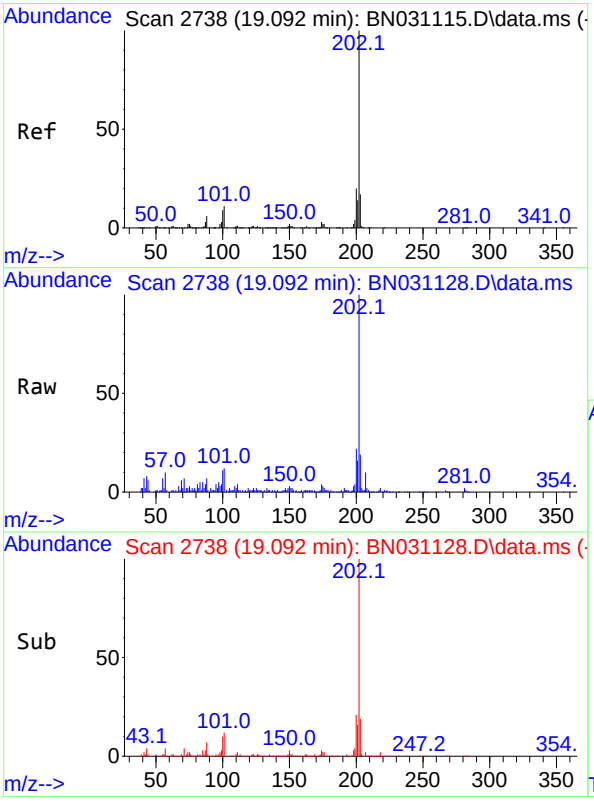

#72
Phenanthrene
Concen: 1.261 ng/ul
RT: 17.069 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031128.D
Acq: 22 Apr 2024 18:55

**Instrument :**
BNA_N
**ClientSampleId :**
E1CX7

Tgt Ion:178 Resp: 49362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.2 | 12.4 | 18.6 |
| 176 | 19.9 | 14.6 | 21.8 |

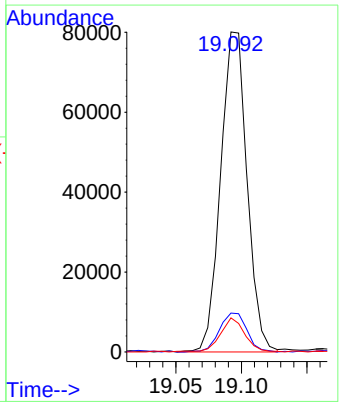


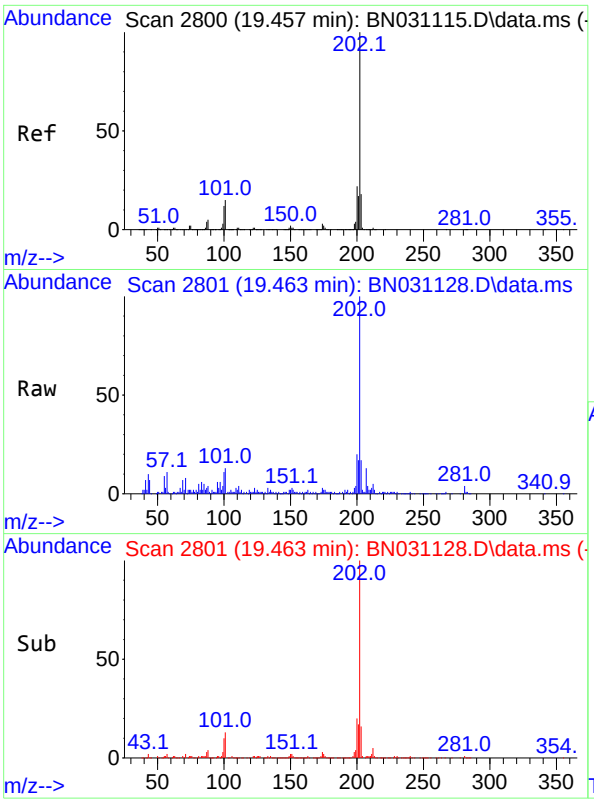




#80
Fluoranthene
Concen: 2.342 ng/ul
RT: 19.092 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BN031128.D
Acq: 22 Apr 2024 18:55

Tgt Ion:202 Resp: 112372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.1 | 9.0 | 13.6 |
| 100 | 10.6 | 6.9 | 10.3# |



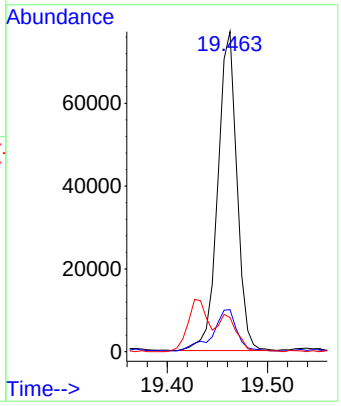


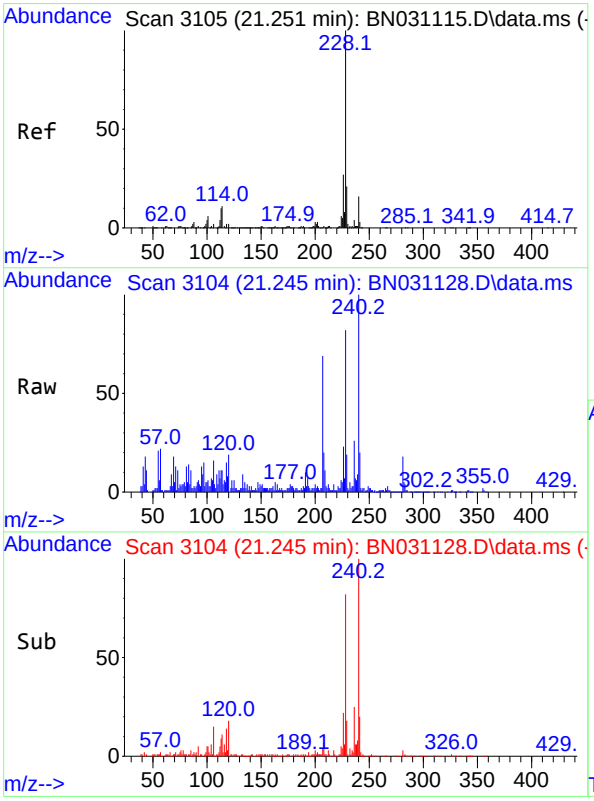

#82
Pyrene
Concen: 2.016 ng/ul
RT: 19.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031128.D
Acq: 22 Apr 2024 18:55

**Instrument :**
BNA_N
**ClientSampleId :**
E1CX7

Tgt Ion:202 Resp: 101644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.1 | 11.1 | 16.7 |
| 100 | 10.6 | 9.3 | 13.9 |

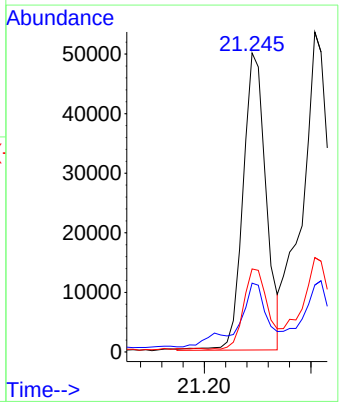


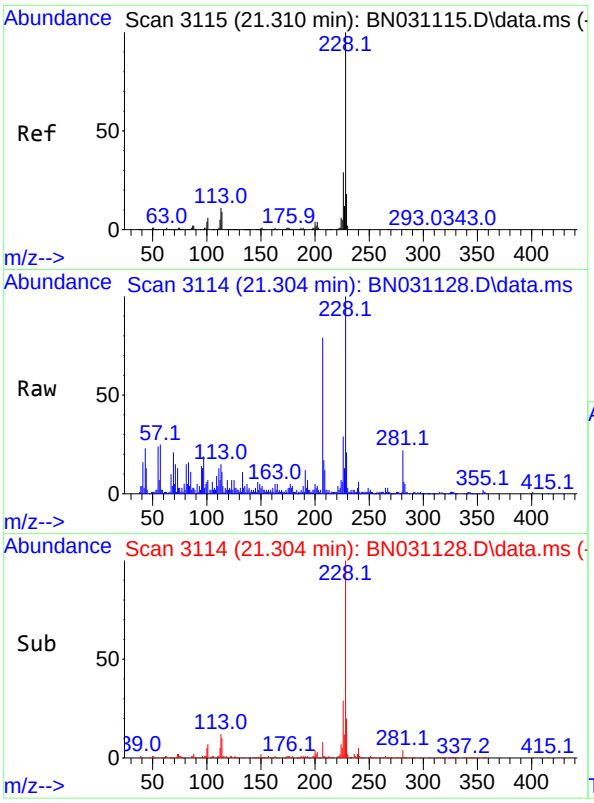




#85
Benzo(a)anthracene
Concen: 1.339 ng/ul
RT: 21.245 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BN031128.D
Acq: 22 Apr 2024 18:55

Tgt Ion:228 Resp: 75035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 23.0 | 16.7 | 25.1 |
| 226 | 27.8 | 21.2 | 31.8 |



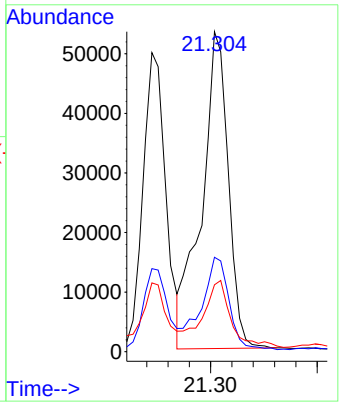


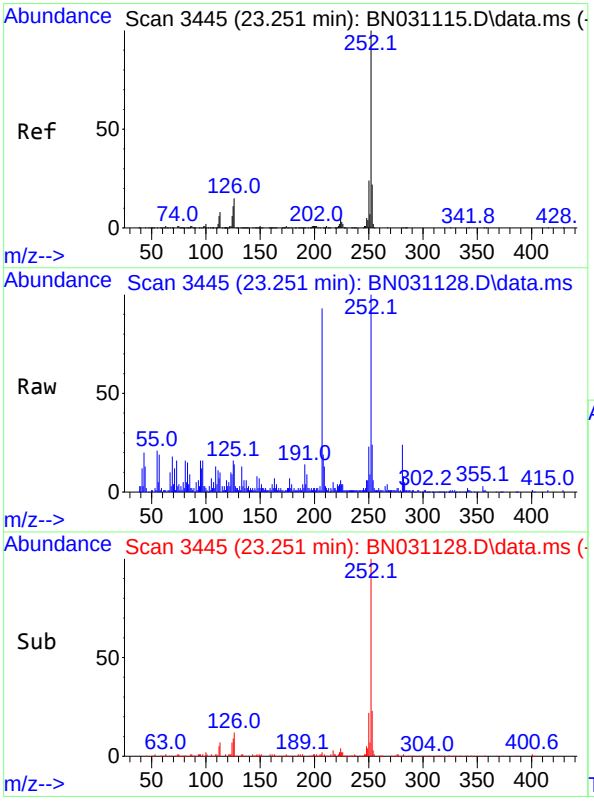

#87
Chrysene
Concen: 1.740 ng/ul
RT: 21.304 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN031128.D
Acq: 22 Apr 2024 18:55

**Instrument :**
BNA_N
**ClientSampleId :**
E1CX7

Tgt Ion:228 Resp: 92543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.5 | 22.6 | 34.0 |
| 229 | 20.9 | 15.8 | 23.8 |

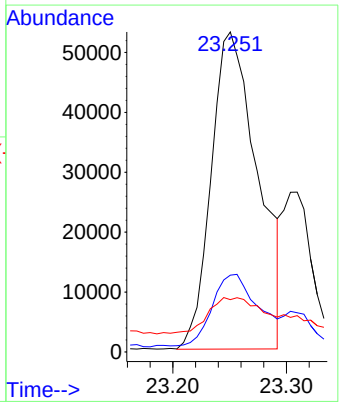


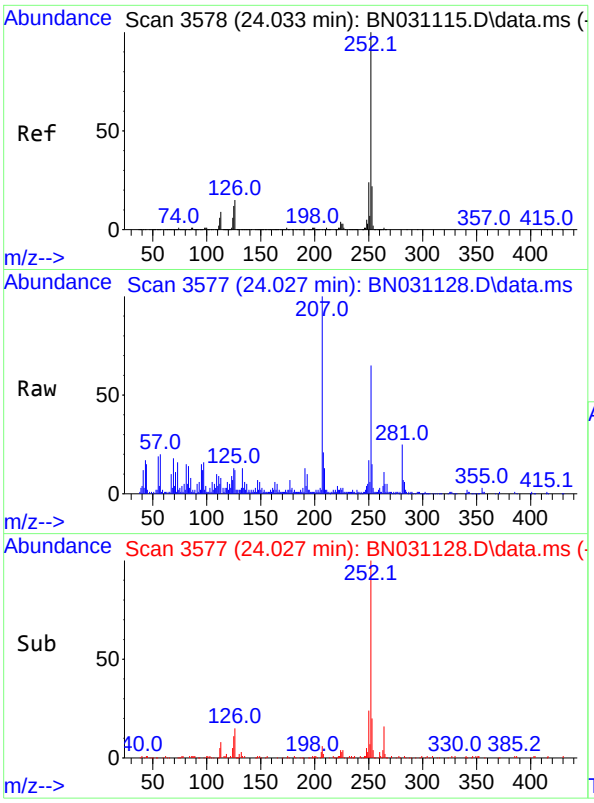




#90
Benzo(b)fluoranthene
Concen: 2.661 ng/ul
RT: 23.251 min Scan# 3445
Delta R.T. -0.006 min
Lab File: BN031128.D
Acq: 22 Apr 2024 18:55

Tgt Ion:252 Resp: 150800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 17.6 | 26.4 |
| 125 | 16.4 | 8.6 | 12.8# |






#93
Benzo(a)pyrene
Concen: 1.293 ng/ul
RT: 24.027 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN031128.D
Acq: 22 Apr 2024 18:55

**Instrument :**
BNA_N
**ClientSampleId :**
E1CX7

Tgt Ion:252 Resp: 73086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.7 | 26.5 |
| 125 | 19.7 | 9.9 | 14.9# |