Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031937.D
Acq On : 12 Jun 2024 12:06
Operator : MA/JU
Sample : P2678-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Jun 12 22:52:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.657 | 152 | 488792 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.440 | 136 | 2275572 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.304 | 164 | 1487998 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.051 | 188 | 3047139 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.292 | 240 | 2510921 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.215 | 264 | 2401239 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.181 | 96 | 44697 | 3.783 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.593 | 84 | 106622 | 3.206 | ng/ul | 0.01 |
| 7) Phenol-d5 | 6.834 | 99 | 1016617 | 24.261 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.005 | 67 | 583886 | 23.822 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.193 | 132 | 814244 | 25.467 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.369 | 113 | 810816 | 23.738 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.816 | 128 | 438807 | 25.220 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.534 | 143 | 472311 | 26.279 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.063 | 165 | 824633 | 24.577 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.587 | 131 | 949099 | 19.051 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.722 | 166 | 2709704 | 26.140 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.998 | 160 | 3041499 | 25.517 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.522 | 143 | 486248 | 23.427 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.298 | 176 | 2264570 | 25.818 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200 | 356365 | 23.267 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.151 | 188 | 3492528 | 26.772 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.451 | 212 | 3671797 | 27.327 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.021 | 264 | 2251044 | 19.632 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.092 | 178 | 588468 | 3.791 | ng/ul | 98 |
| 80) Fluoranthene | 19.116 | 202 | 1237223 | 7.705 | ng/ul | 98 |
| 82) Pyrene | 19.480 | 202 | 924590 | 5.612 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.269 | 228 | 569767 | 3.390 | ng/ul | 96 |
| 87) Chrysene | 21.269 | 228 | 566925 | 3.611 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.292 | 252 | 641226 | 4.468 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.292 | 252 | 641226 | 4.553 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.074 | 252 | 252320 | 1.877 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 27.498 | 276 | 213454 | 1.378 | ng/ul | 96 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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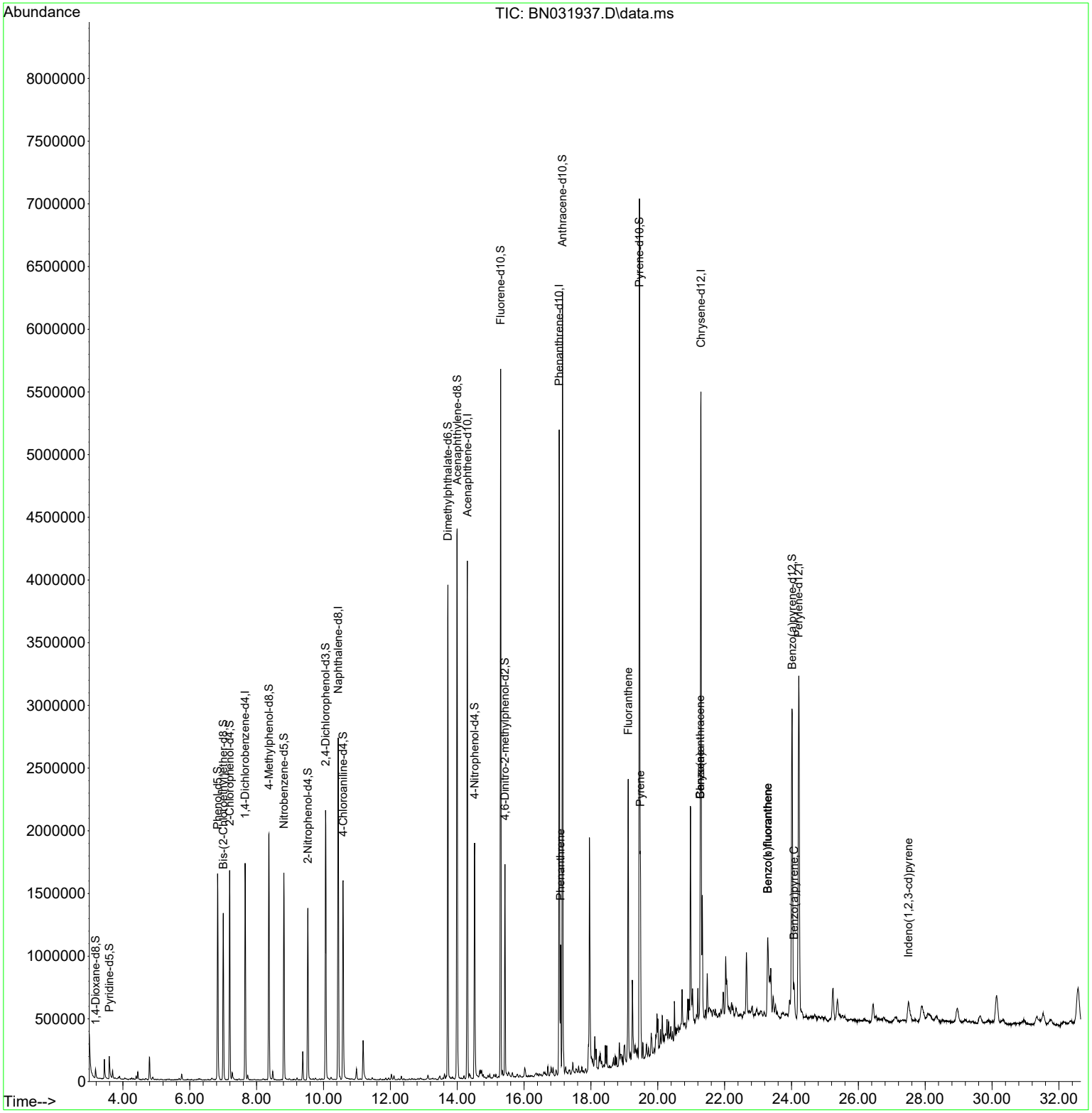
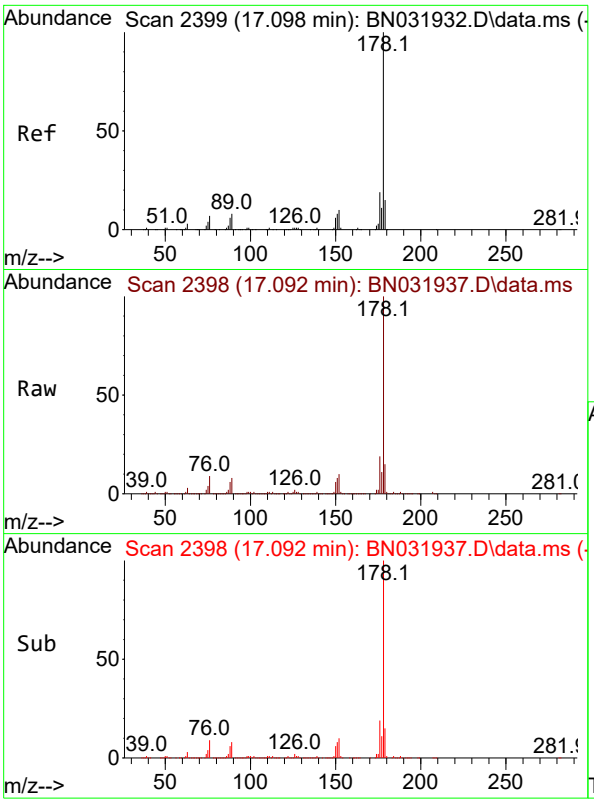
Acq On : 12 Jun 2024 12:06
Operator : MA/JU
Sample : P2678-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Jun 12 22:52:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration



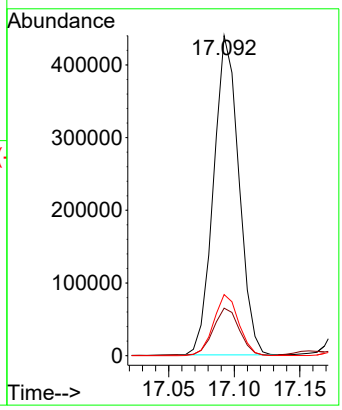


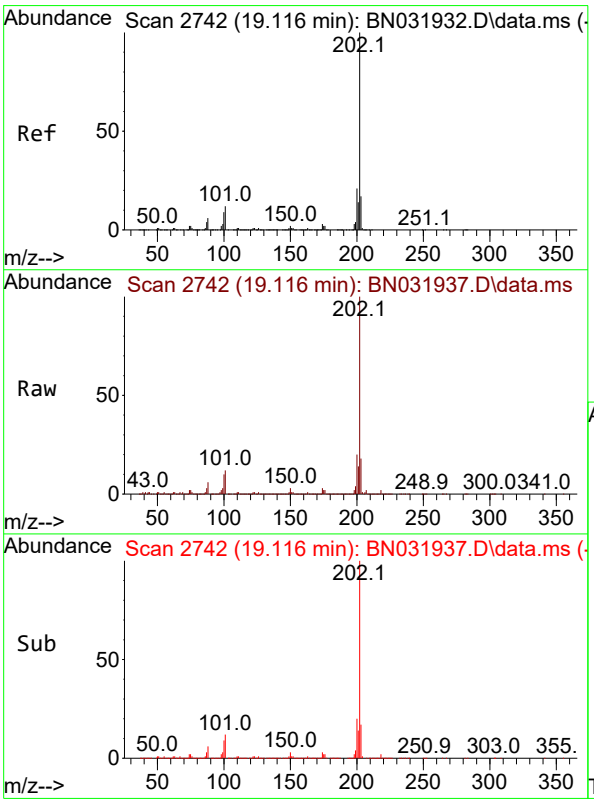

#72
Phenanthrene
Concen: 3.791 ng/ul
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

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

Tgt Ion:178 Resp: 588468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.9 | 12.6 | 19.0 |
| 176 | 19.1 | 15.8 | 23.6 |

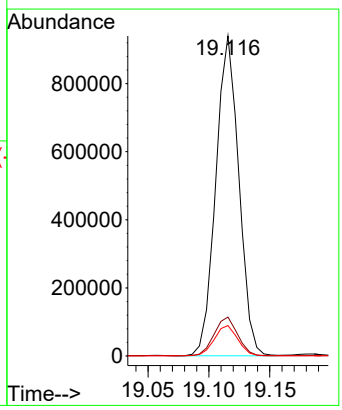


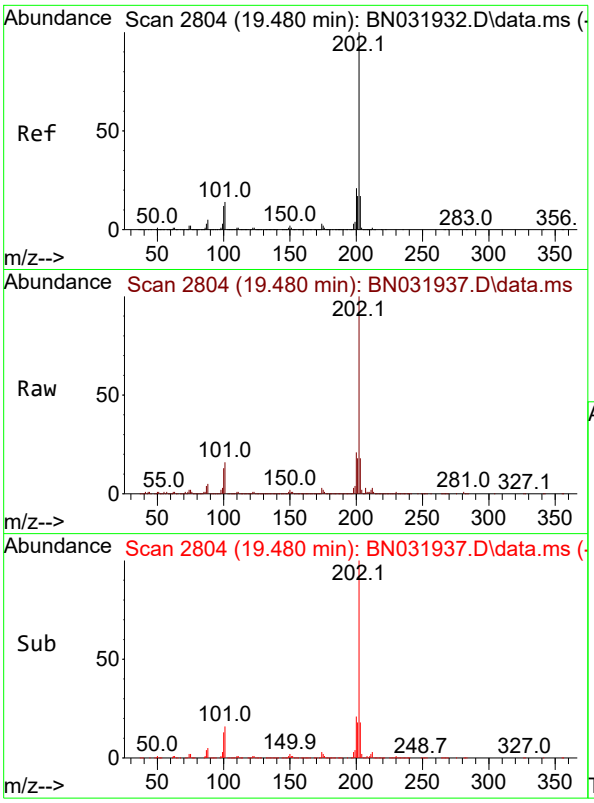




#80
Fluoranthene
Concen: 7.705 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

Tgt Ion:202 Resp: 1237223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.2 | 10.3 | 15.5 |
| 100 | 9.5 | 8.0 | 12.0 |



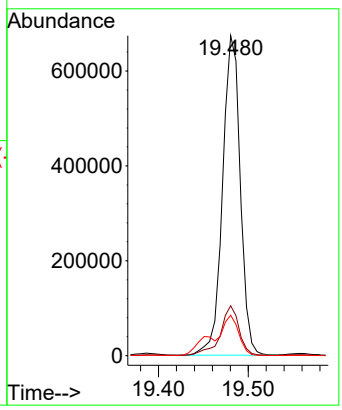


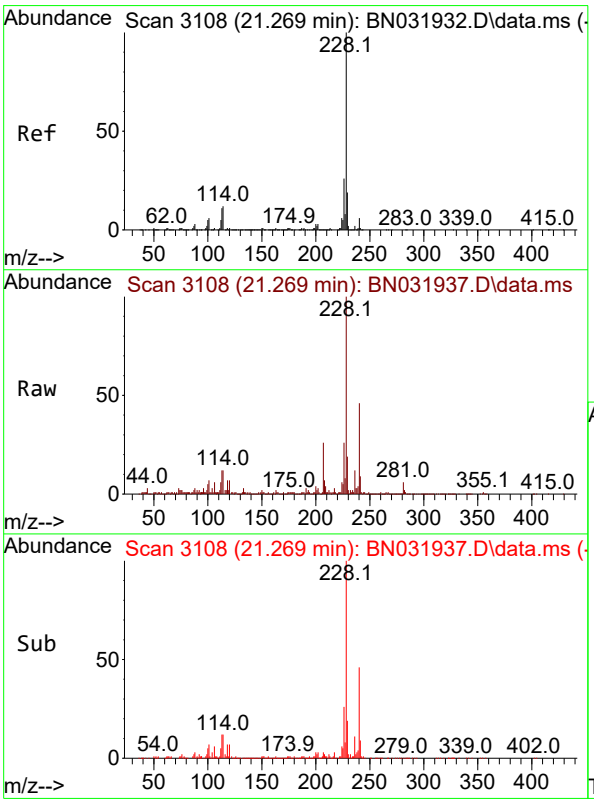

#82
Pyrene
Concen: 5.612 ng/ul
RT: 19.480 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

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

Tgt Ion:202 Resp: 924590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.6 | 12.6 | 18.8 |
| 100 | 12.6 | 10.2 | 15.2 |

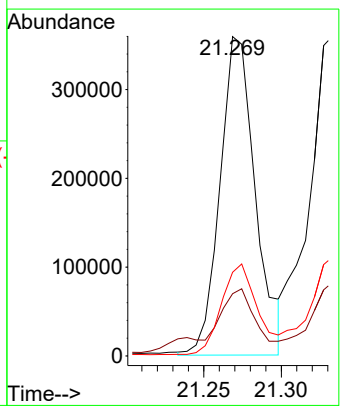


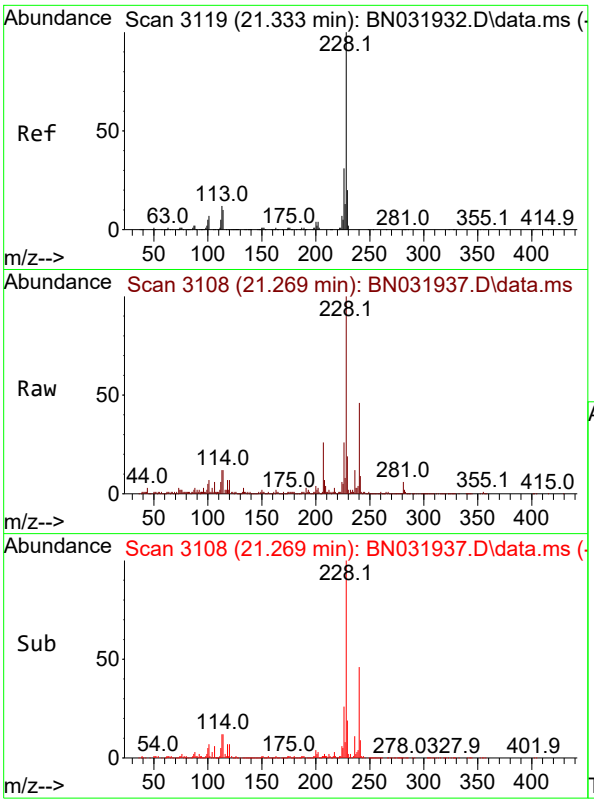




#85
Benzo(a)anthracene
Concen: 3.390 ng/ul
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

Tgt Ion:228 Resp: 569767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.5 | 16.7 | 25.1 |
| 226 | 26.2 | 22.8 | 34.2 |



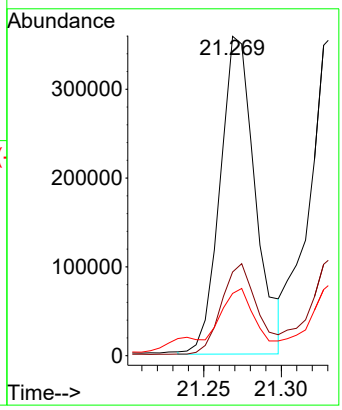


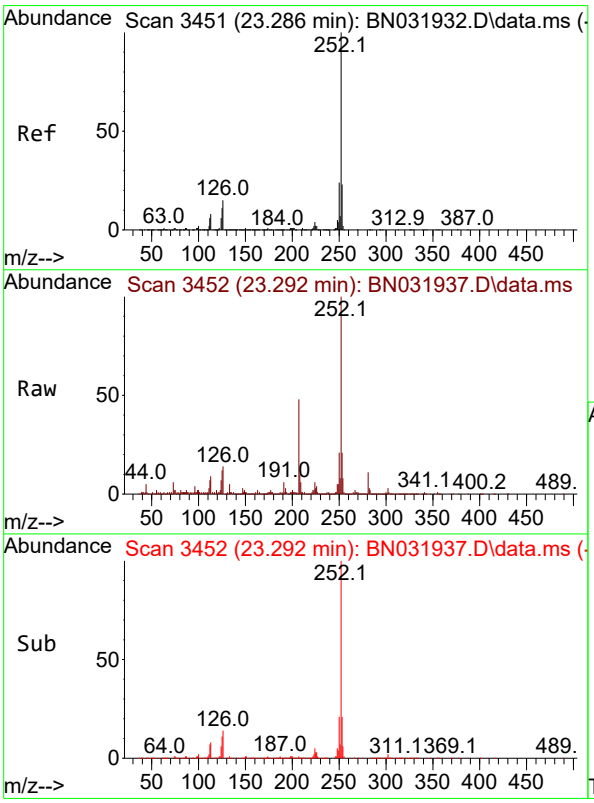

#87
Chrysene
Concen: 3.611 ng/ul
RT: 21.269 min Scan# 3
Delta R.T. -0.065 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

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

Tgt Ion:228 Resp: 566925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.2 | 23.7 | 35.5 |
| 229 | 19.5 | 15.1 | 22.7 |

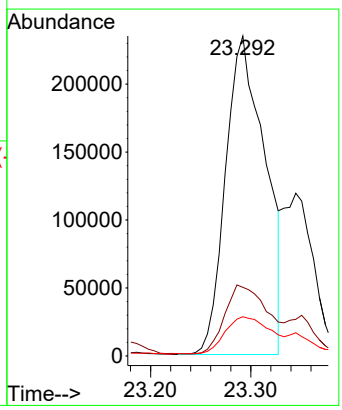


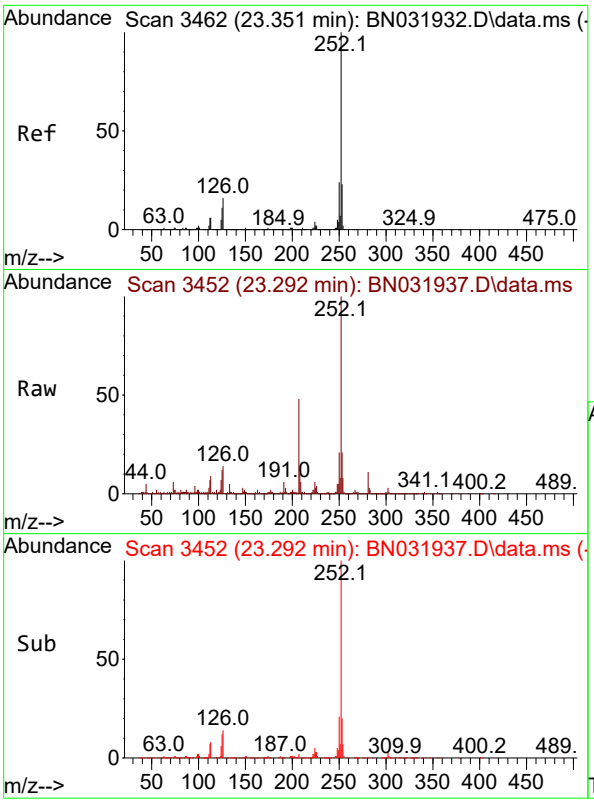




#90
Benzo(b)fluoranthene
Concen: 4.468 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

Tgt Ion:252 Resp: 641226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.0 | 25.6 |
| 125 | 12.3 | 9.2 | 13.8 |



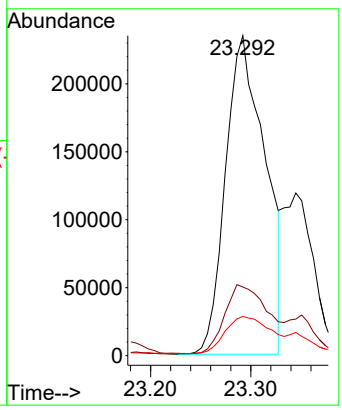


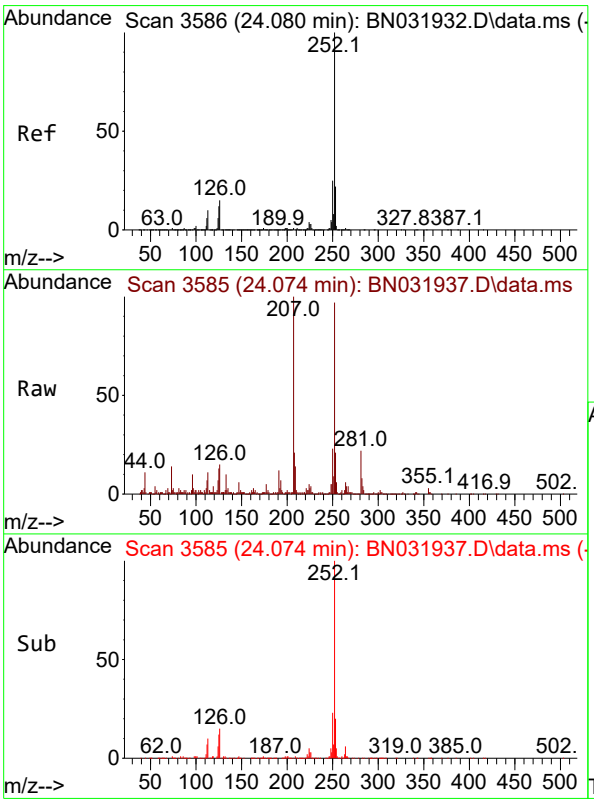

#91
Benzo(k)fluoranthene
Concen: 4.553 ng/ul
RT: 23.292 min Scan# 3
Delta R.T. -0.059 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

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

Tgt Ion:252 Resp: 641226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.6 | 26.4 |
| 125 | 12.3 | 9.4 | 14.2 |

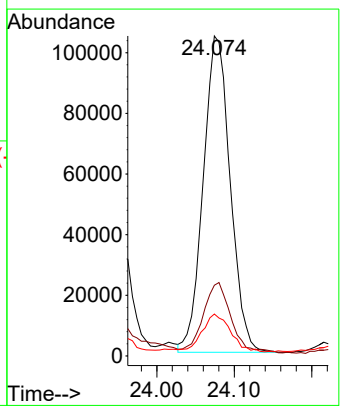


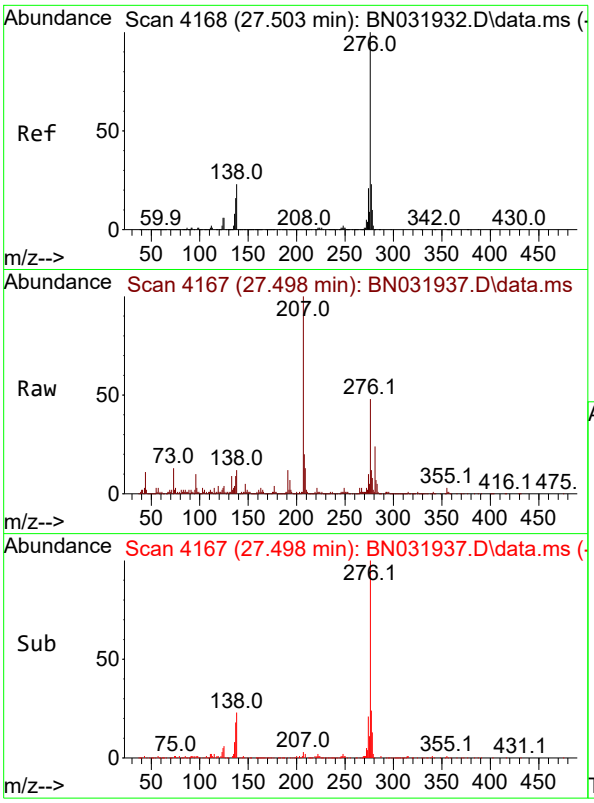




#93
Benzo(a)pyrene
Concen: 1.877 ng/ul
RT: 24.074 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

Tgt Ion:252 Resp: 252320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 16.6 | 24.8 |
| 125 | 13.1 | 9.8 | 14.8 |






#94
Indeno(1,2,3-cd)pyrene
Concen: 1.378 ng/ul
RT: 27.498 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

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

Tgt Ion:276 Resp: 213454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.3 | 18.1 | 27.1 |
| 277 | 25.0 | 18.2 | 27.2 |