Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027904.D
Acq On : 27 Sep 2023 17:57
Operator : MA/JU
Sample : 04472-15RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EZYM4RE

Quant Time: Sep 28 00:01:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.962 | 152 | 8299 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.779 | 136 | 30801 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.606 | 164 | 19629 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.354 | 188 | 44313 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.539 | 240 | 42880 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.009 | 264 | 44020 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.330 | 96 | 10998 | 1.052 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.363 | 152 | 6347 | 0.136 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.381 | 212 | 17576 | 0.134 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.828 | 128 | 1930 | 0.022 | ng/ul# | 87 |
| 7) 2-Methylnaphthalene | 12.434 | 142 | 2190 | 0.039 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.654 | 142 | 2256 | 0.039 | ng/ul | 98 |
| 15) Phenanthrene | 17.397 | 178 | 49539 | 0.356 | ng/ul | 99 |
| 16) Anthracene | 17.489 | 178 | 4291 | 0.037 | ng/ul# | 90 |
| 19) Fluoranthene | 19.408 | 202 | 135237 | 0.780 | ng/ul | 98 |
| 20) Pyrene | 19.776 | 202 | 129621 | 0.726 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.522 | 228 | 10793 | 0.065 | ng/ul# | 83 |
| 22) Chrysene | 21.577 | 228 | 14632 | 0.085 | ng/ul# | 86 |
| 24) Benzo(b)fluoranthene | 23.246 | 252 | 26233 | 0.134 | ng/ul# | 50 |
| 26) Benzo(a)pyrene | 23.901 | 252 | 7245 | 0.046 | ng/ul# | 20 |
| 27) Indeno(1,2,3-cd)pyrene | 26.606 | 276 | 6951 | 0.034 | ng/ul# | 92 |
| 29) Benzo(g,h,i)perylene | 27.424 | 276 | 8682 | 0.051 | ng/ul# | 81 |

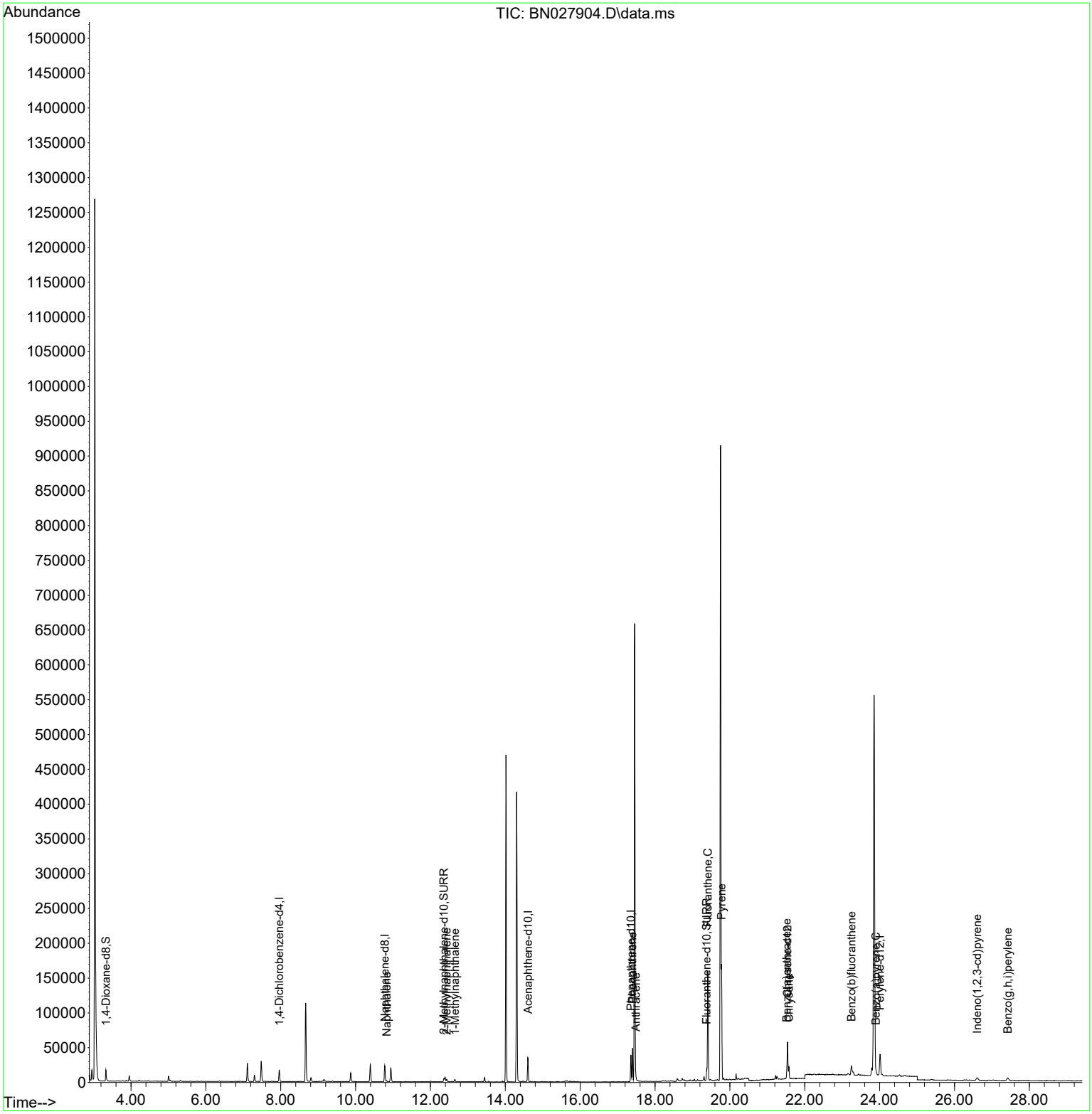
(#) = qualifier out of range (m) = manual integration (+) = signals summed

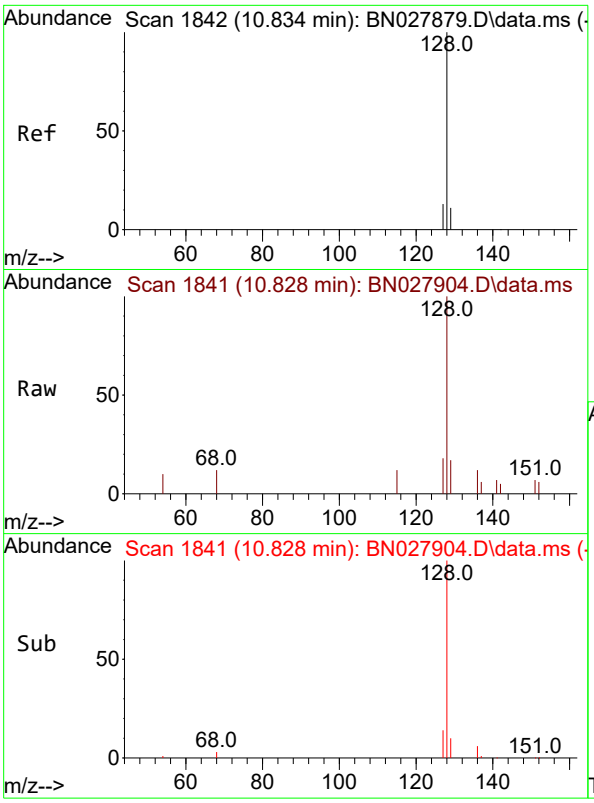
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027904.D
Acq On : 27 Sep 2023 17:57
Operator : MA/JU
Sample : 04472-15RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EZYM4RE

Quant Time: Sep 28 00:01:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration



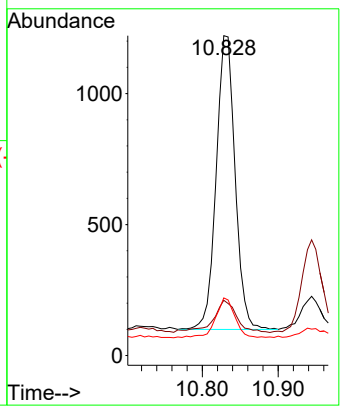


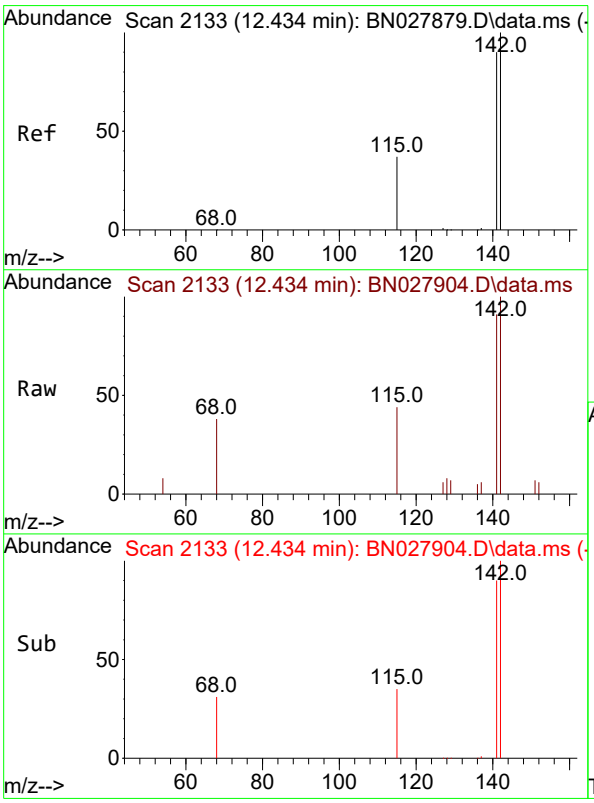

#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.828 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

**Instrument :**
BNA_N
**ClientSampleId :**
EZYM4RE

Tgt Ion:128 Resp: 1930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 17.3 | 9.3 | 13.9# |
| 127 | 18.0 | 10.7 | 16.1# |

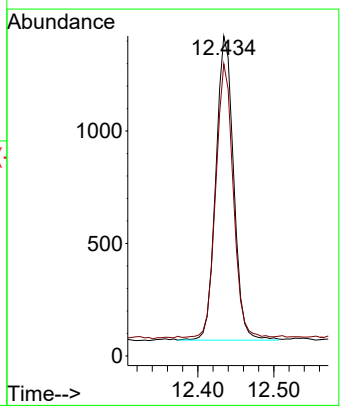


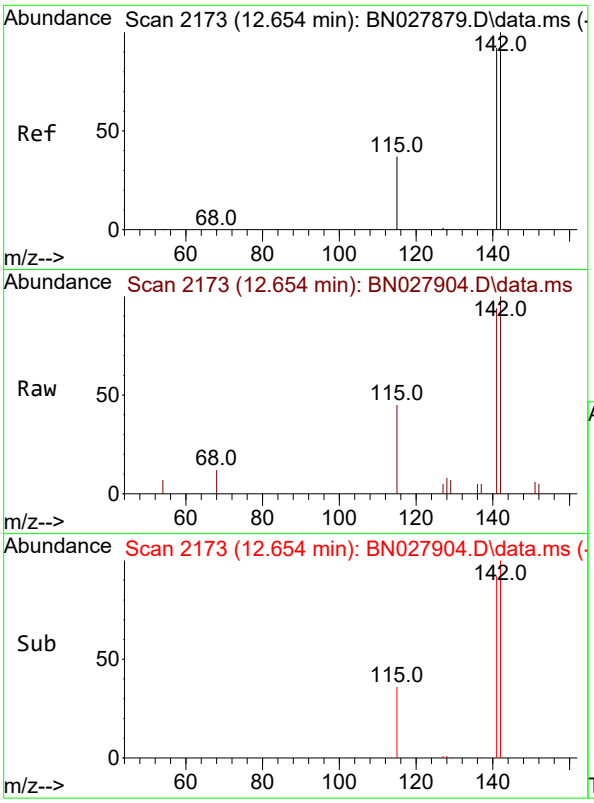




#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

Tgt Ion:142 Resp: 2190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 71.1 | 106.7 |



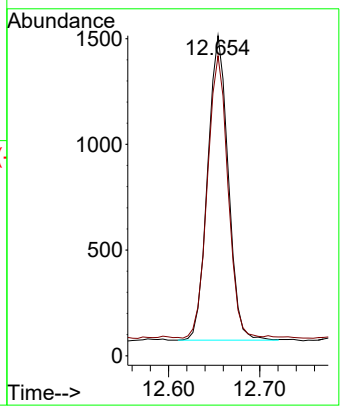


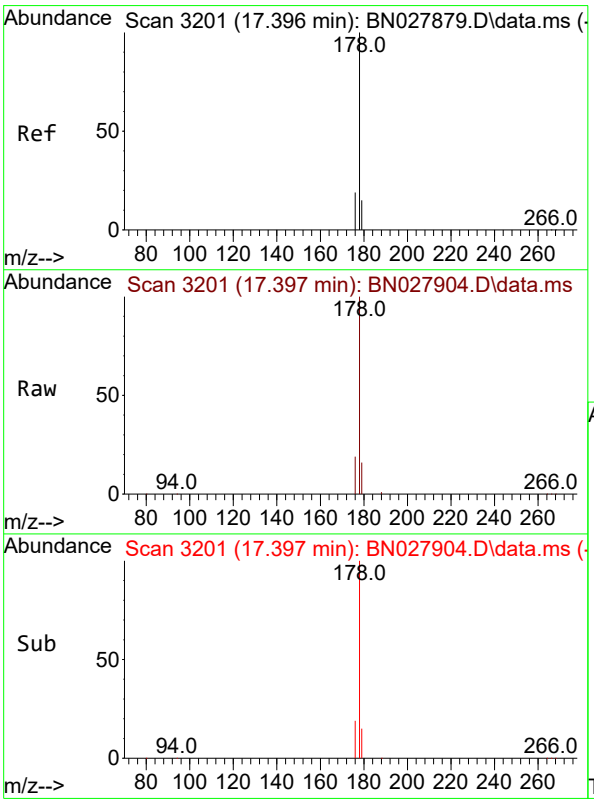

#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

**Instrument :**
BNA_N
**ClientSampleId :**
EZYM4RE

Tgt Ion:142 Resp: 2256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.7 | 72.8 | 109.2 |

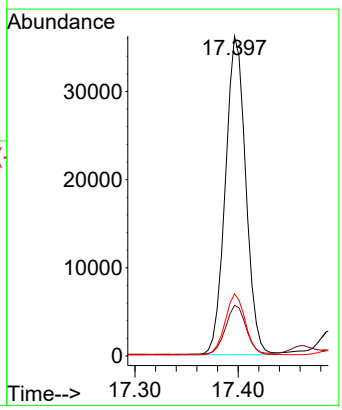


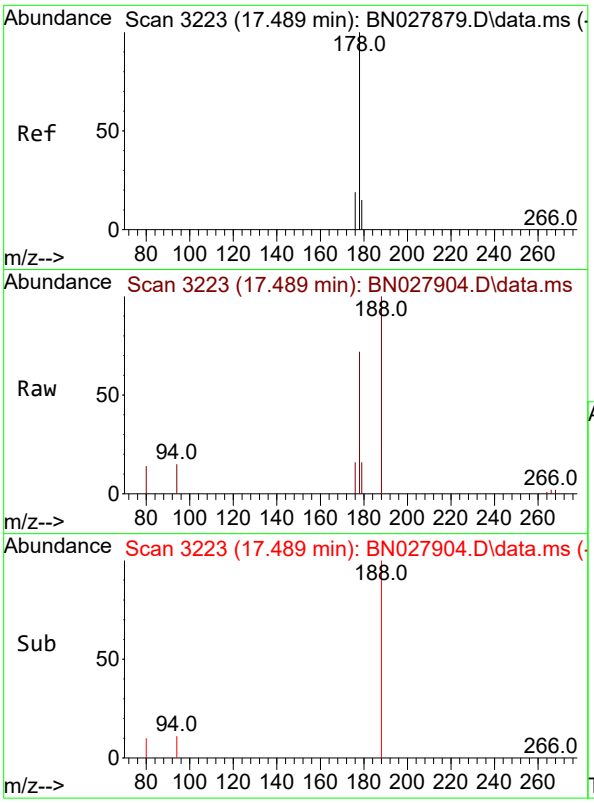




#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.397 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

Tgt Ion:178 Resp: 49539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.8 | 12.4 | 18.6 |
| 176 | 19.4 | 16.0 | 24.0 |



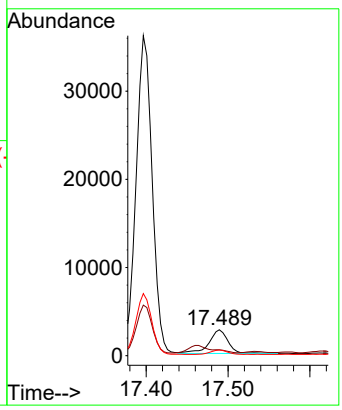


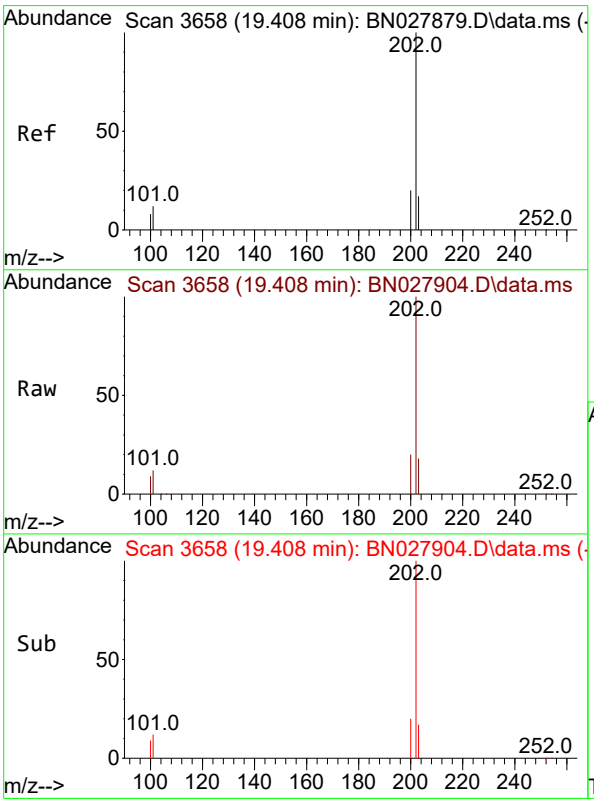

#16
Anthracene
Concen: 0.037 ng/ul
RT: 17.489 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

**Instrument :**
BNA_N
**ClientSampleId :**
EZYM4RE

Tgt Ion:178 Resp: 4291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 22.6 | 12.6 | 19.0# |
| 176 | 21.8 | 15.5 | 23.3 |

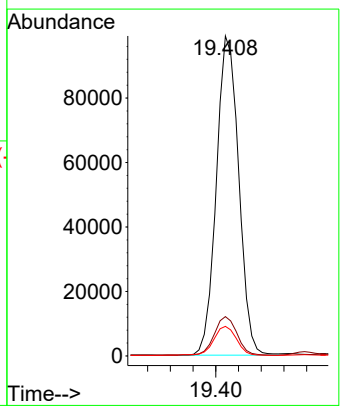


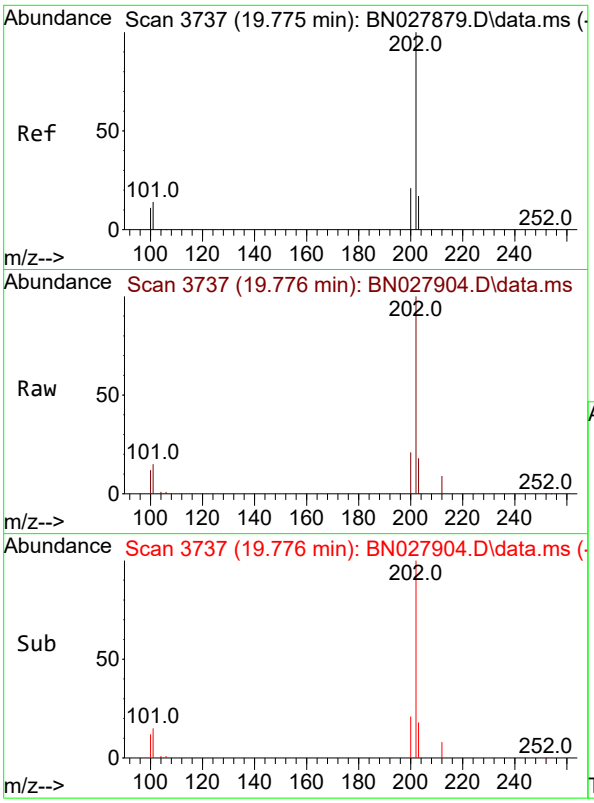




#19
Fluoranthene
Concen: 0.780 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

Tgt Ion:202 Resp: 135237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.3 | 9.3 | 13.9 |
| 100 | 9.3 | 7.0 | 10.4 |



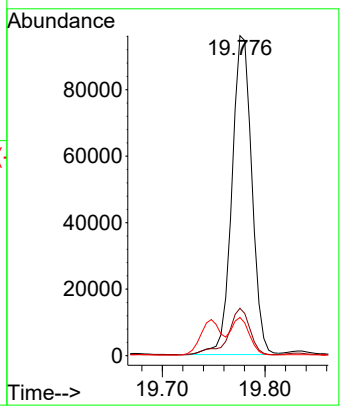


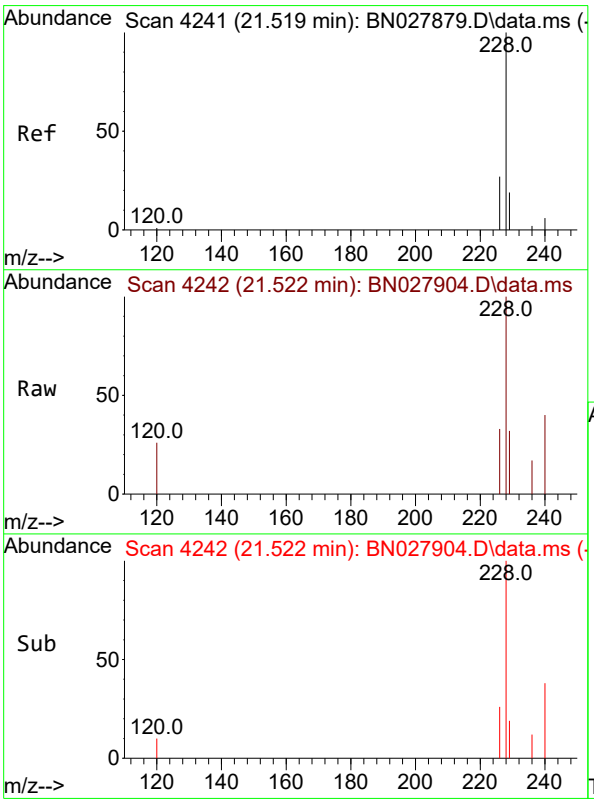

#20
Pyrene
Concen: 0.726 ng/ul
RT: 19.776 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

**Instrument :**
BNA_N
**ClientSampleId :**
EZYM4RE

Tgt Ion:202 Resp: 129621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.8 | 11.4 | 17.0 |
| 100 | 11.9 | 9.1 | 13.7 |

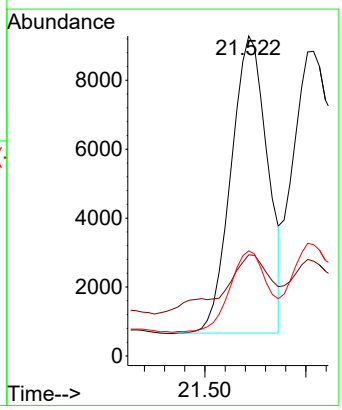


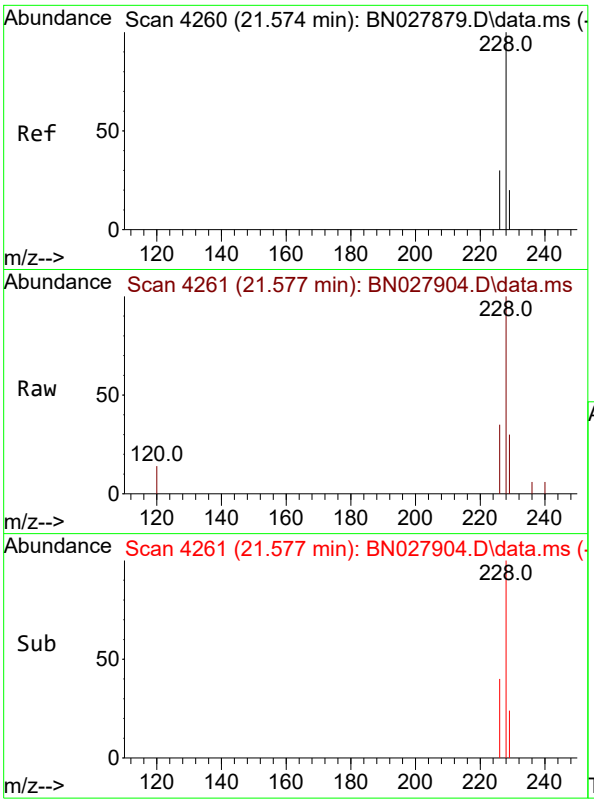




#21
Benzo(a)anthracene
Concen: 0.065 ng/ul
RT: 21.522 min Scan# 4242
Delta R.T. 0.003 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

Tgt Ion:228 Resp: 10793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 31.6 | 15.8 | 23.8# |
| 226 | 32.9 | 22.0 | 33.0 |



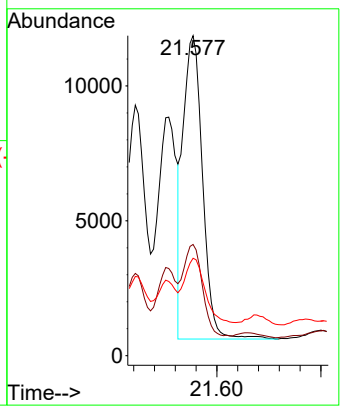


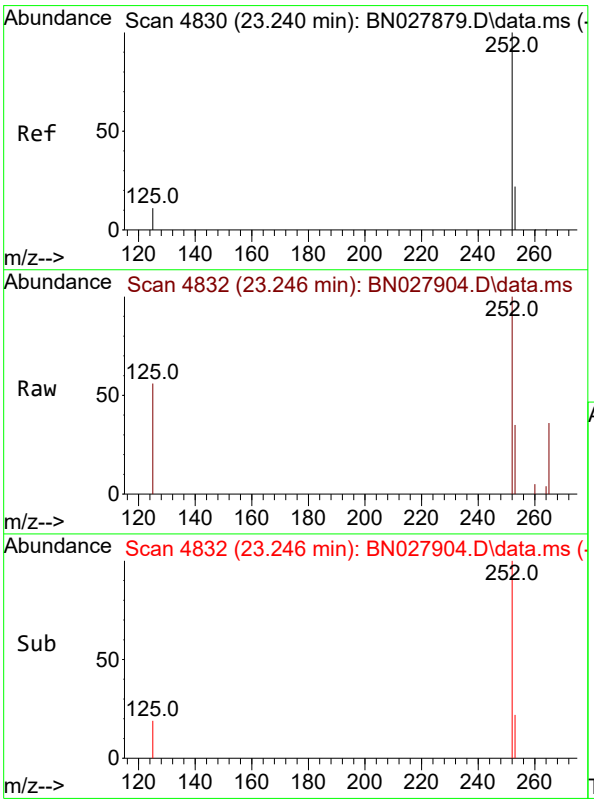

#22
Chrysene
Concen: 0.085 ng/ul
RT: 21.577 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

**Instrument :**
BNA_N
**ClientSampleId :**
EZYM4RE

Tgt Ion:228 Resp: 14632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.7 | 24.5 | 36.7 |
| 229 | 30.5 | 16.0 | 24.0# |

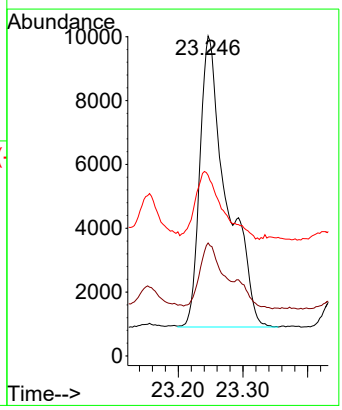


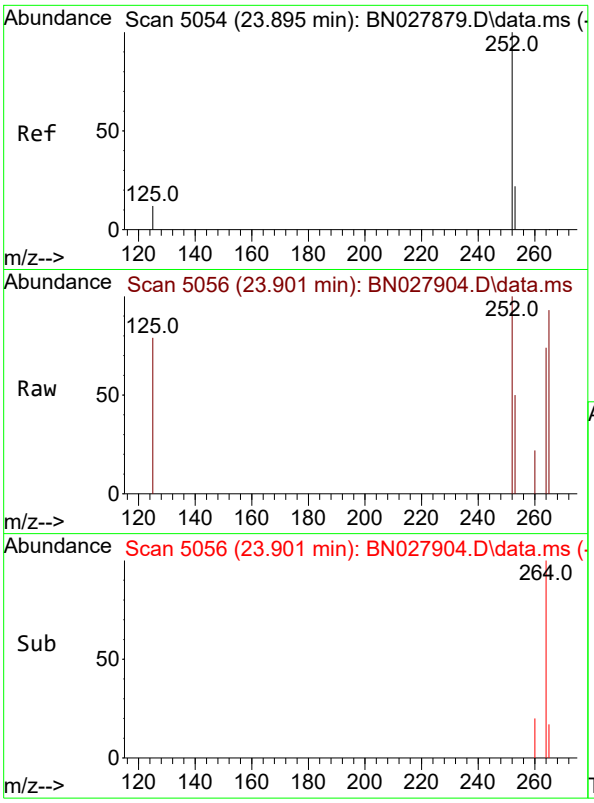




#24
Benzo(b)fluoranthene
Concen: 0.134 ng/ul
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

Tgt Ion:252 Resp: 26233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 35.3 | 0.0 | 50.2 |
| 125 | 56.5 | 0.0 | 31.4# |



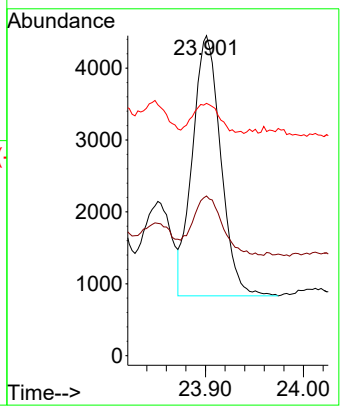


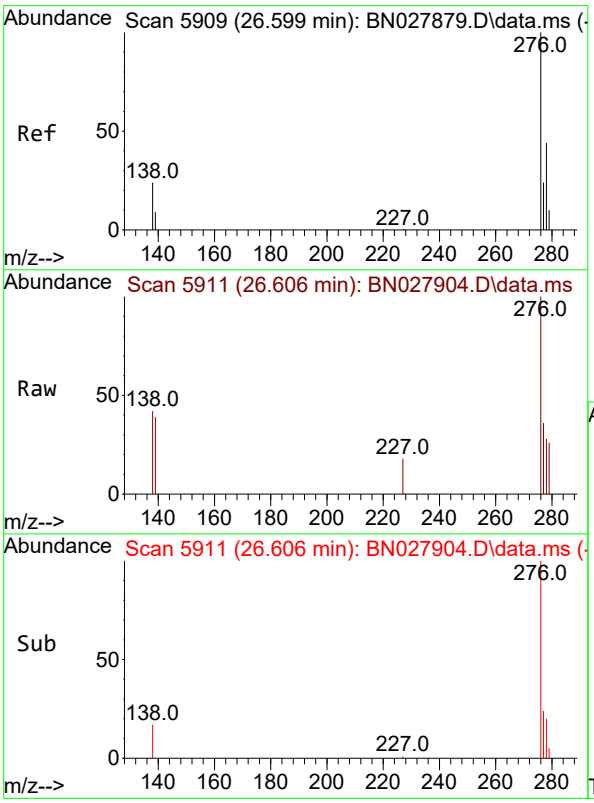

#26
Benzo(a)pyrene
Concen: 0.046 ng/ul
RT: 23.901 min Scan# 5
Delta R.T. 0.006 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

**Instrument :**
BNA_N
**ClientSampleId :**
EZYM4RE

Tgt Ion:252 Resp: 7245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 49.9 | 21.9 | 32.9# |
| 125 | 78.8 | 15.5 | 23.3# |

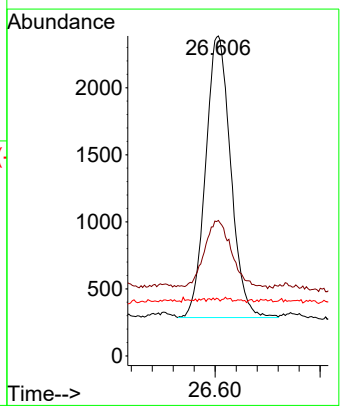


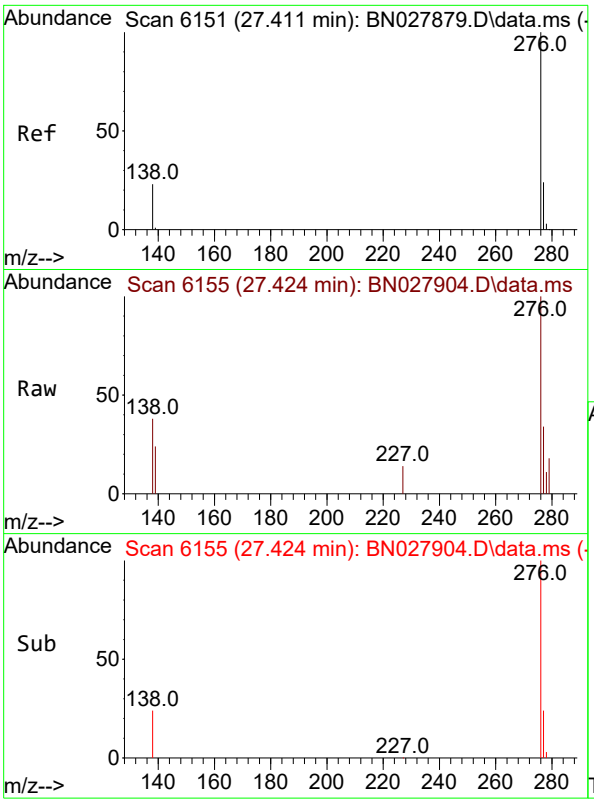




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. 0.007 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

Tgt Ion:276 Resp: 6951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.2 | 24.3 | 36.5 |
| 227 | 0.6 | 0.0 | 0.0# |






#29
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 27.424 min Scan# 6
Delta R.T. 0.014 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

**Instrument :**
BNA_N
**ClientSampleId :**
EZYM4RE

Tgt Ion:276 Resp: 8682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 38.1 | 21.7 | 32.5# |
| 277 | 33.7 | 20.2 | 30.2# |