Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021866.D
Acq On : 22 Sep 2022 15:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 23 02:10:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

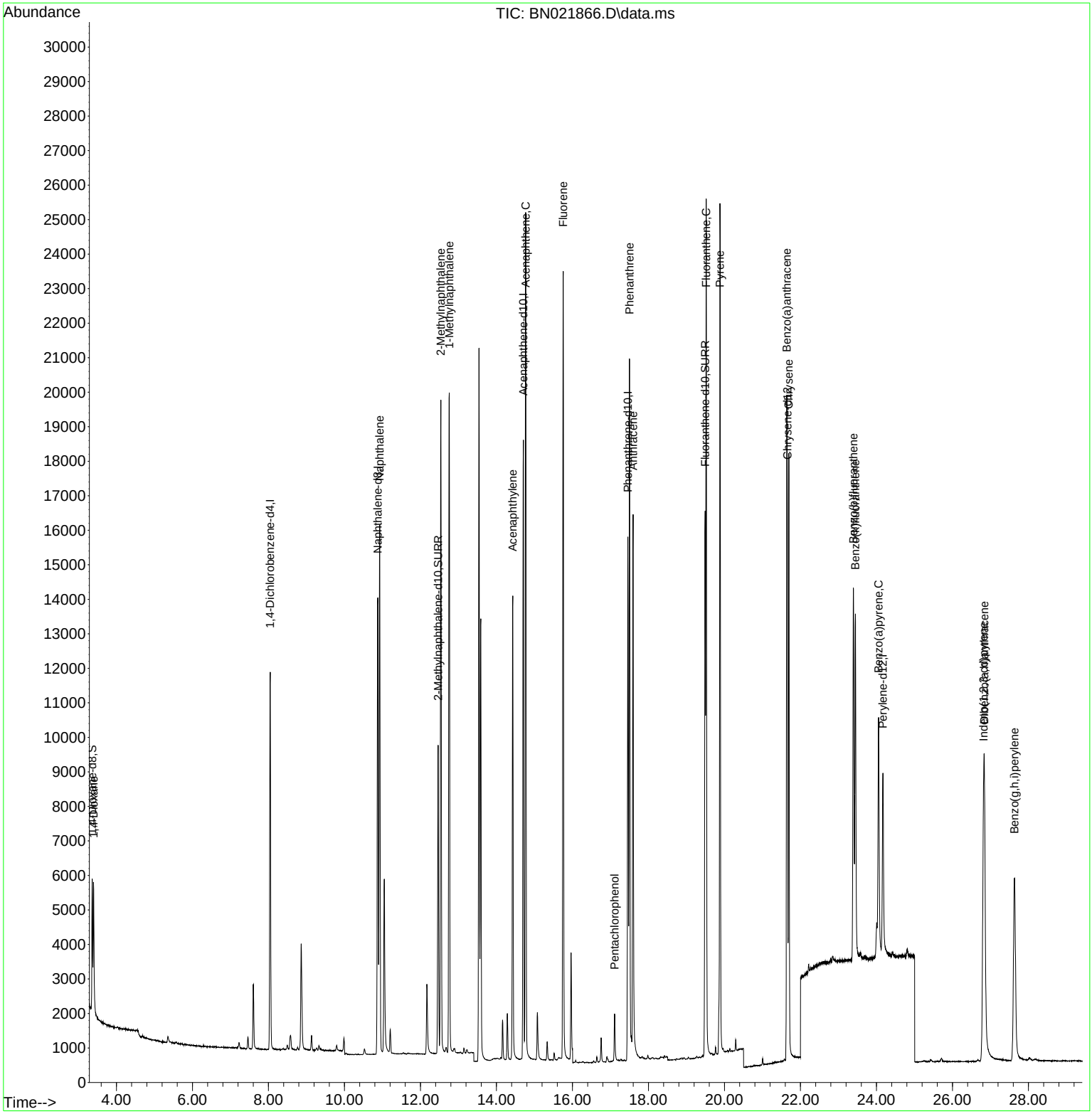
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.046 | 152 | 5670 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.878 | 136 | 18582 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.707 | 164 | 9928 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.460 | 188 | 17888 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.656 | 240 | 10665 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 24.170 | 264 | 7912 | 0.400 | ng/ul | # 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.363 | 96 | 2682 | 0.384 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.467 | 152 | 11937 | 0.406 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.492 | 212 | 17062 | 0.430 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.397 | 88 | 2682 | 0.375 | ng/ul | 91 |
| 5) Naphthalene | 10.927 | 128 | 21415 | 0.409 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.538 | 142 | 13747 | 0.404 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.758 | 142 | 13974 | 0.400 | ng/ul | 100 |
| 10) Acenaphthylene | 14.430 | 152 | 16145 | 0.387 | ng/ul | 98 |
| 11) Acenaphthene | 14.767 | 153 | 14371 | 0.407 | ng/ul | 99 |
| 12) Fluorene | 15.757 | 166 | 15474 | 0.390 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.109 | 266 | 1089 | 0.314 | ng/ul | 98 |
| 15) Phenanthrene | 17.502 | 178 | 23098 | 0.409 | ng/ul | 99 |
| 16) Anthracene | 17.595 | 178 | 18677 | 0.399 | ng/ul | 98 |
| 19) Fluoranthene | 19.520 | 202 | 21040 | 0.423 | ng/ul | 97 |
| 20) Pyrene | 19.882 | 202 | 21085 | 0.429 | ng/ul# | 94 |
| 21) Benzo(a)anthracene | 21.641 | 228 | 15255 | 0.427 | ng/ul | 100 |
| 22) Chrysene | 21.694 | 228 | 16109 | 0.413 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.392 | 252 | 15337 | 0.399 | ng/ul | 95 |
| 25) Benzo(k)fluoranthene | 23.445 | 252 | 14343 | 0.385 | ng/ul# | 95 |
| 26) Benzo(a)pyrene | 24.056 | 252 | 11934 | 0.410 | ng/ul# | 92 |
| 27) Indeno(1,2,3-cd)pyrene | 26.817 | 276 | 14091 | 0.431 | ng/ul | 97 |
| 28) Dibenzo(a,h)anthracene | 26.840 | 278 | 11834 | 0.426 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 27.632 | 276 | 13407 | 0.445 | ng/ul | 98 |

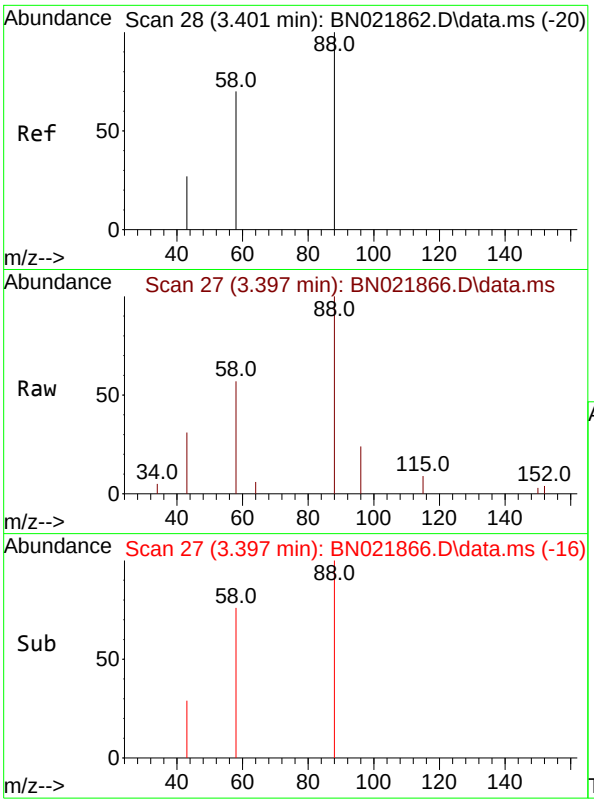
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021866.D
Acq On : 22 Sep 2022 15:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 23 02:10:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



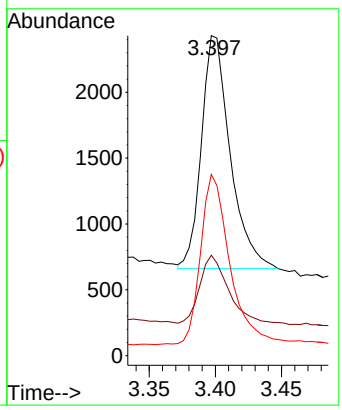


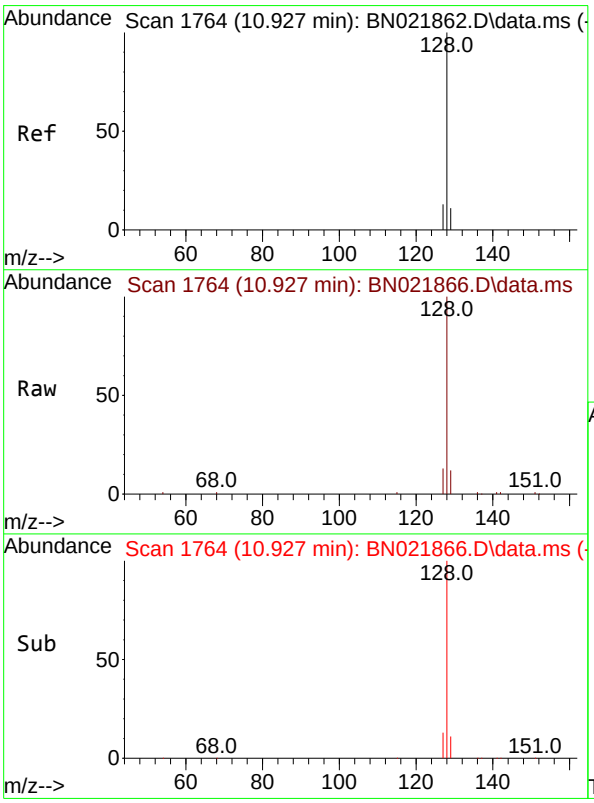

#2
1,4-Dioxane
Concen: 0.375 ng/ul
RT: 3.397 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion: 88 Resp: 2682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.4 | 31.4 | 47.0 |
| 58 | 56.7 | 49.0 | 73.6 |

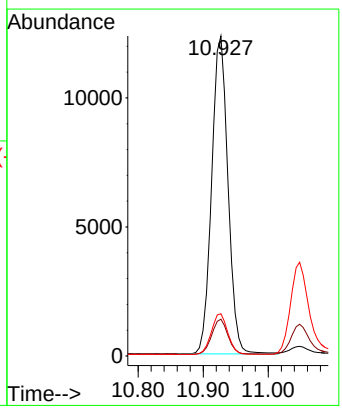


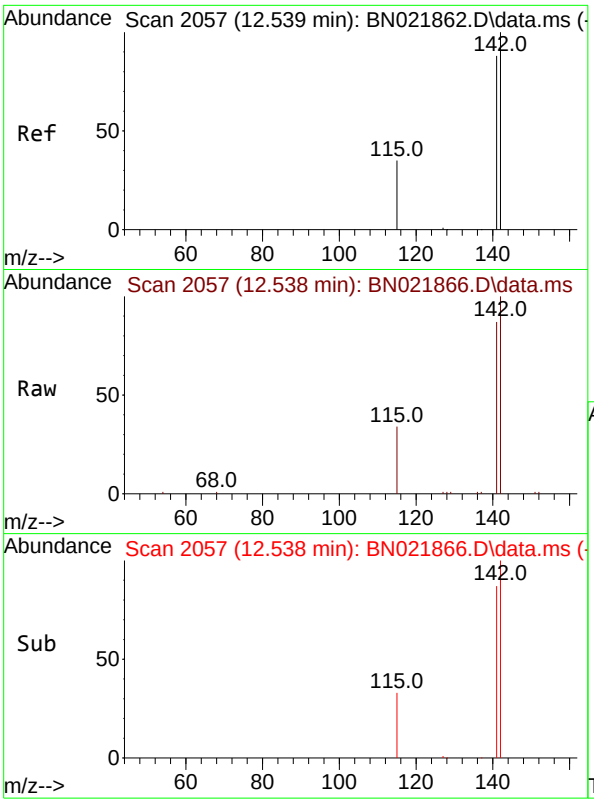




#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:128 Resp: 21415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 9.8 | 14.6 |
| 127 | 13.2 | 11.6 | 17.4 |



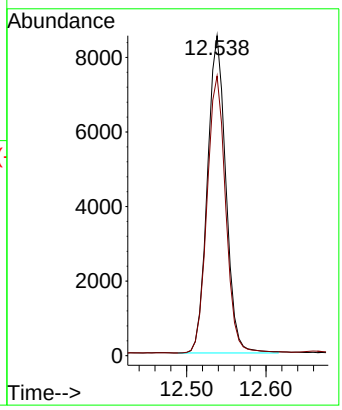


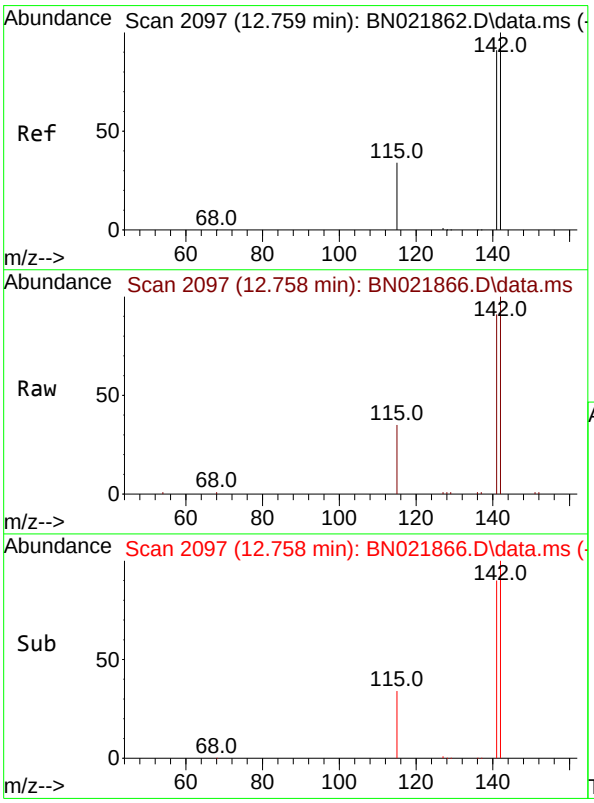

#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.538 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion:142 Resp: 13747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.1 | 72.2 | 108.2 |

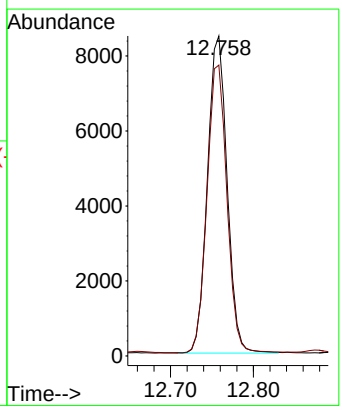


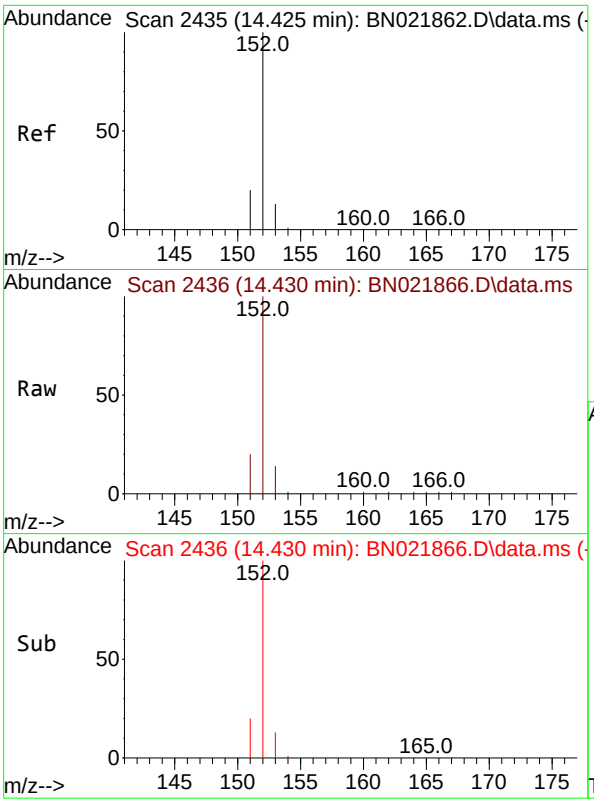




#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.758 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:142 Resp: 13974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 73.9 | 110.9 |



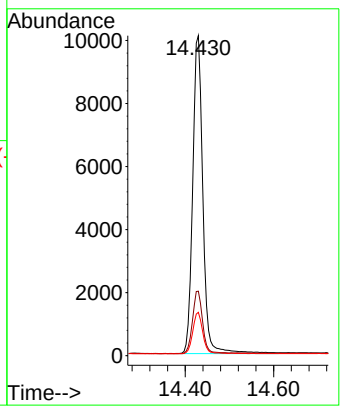


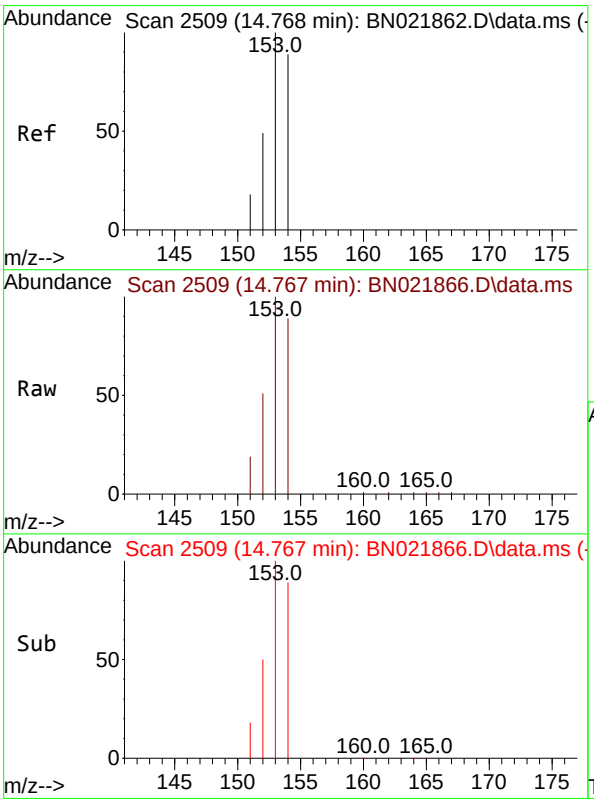

#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.430 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion:152 Resp: 16145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.9 | 25.3 |
| 153 | 13.6 | 11.2 | 16.8 |

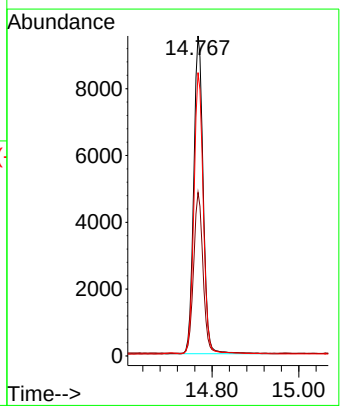


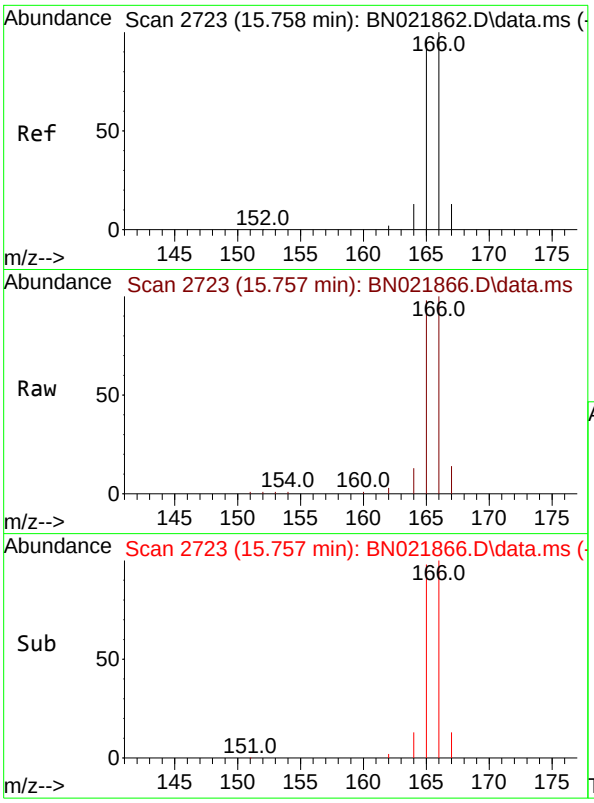




#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.767 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:153 Resp: 14371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 51.1 | 40.2 | 60.4 |
| 154 | 88.5 | 70.7 | 106.1 |



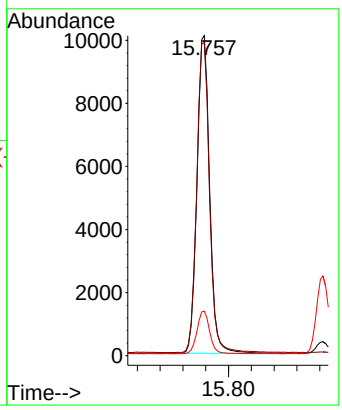


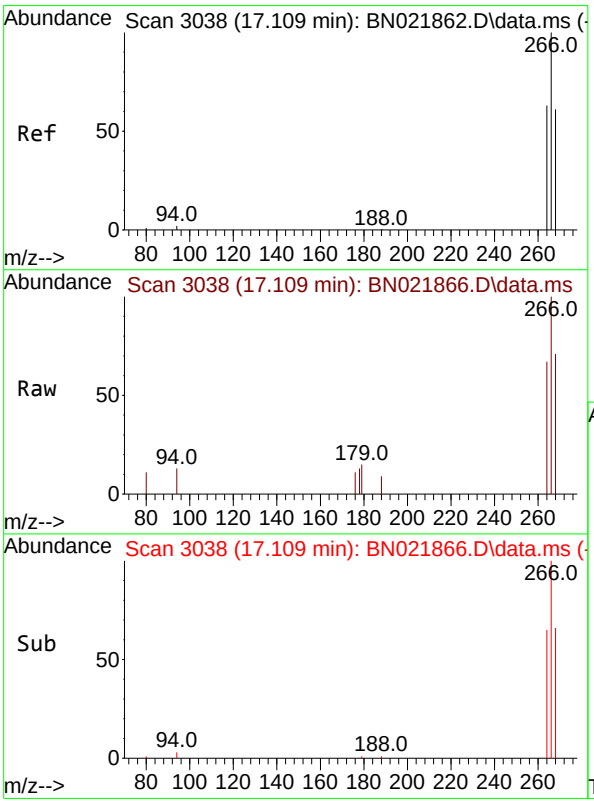

#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.757 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion:166 Resp: 15474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 78.6 | 117.8 |
| 167 | 13.9 | 11.8 | 17.6 |

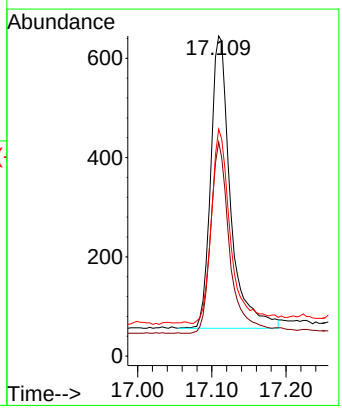


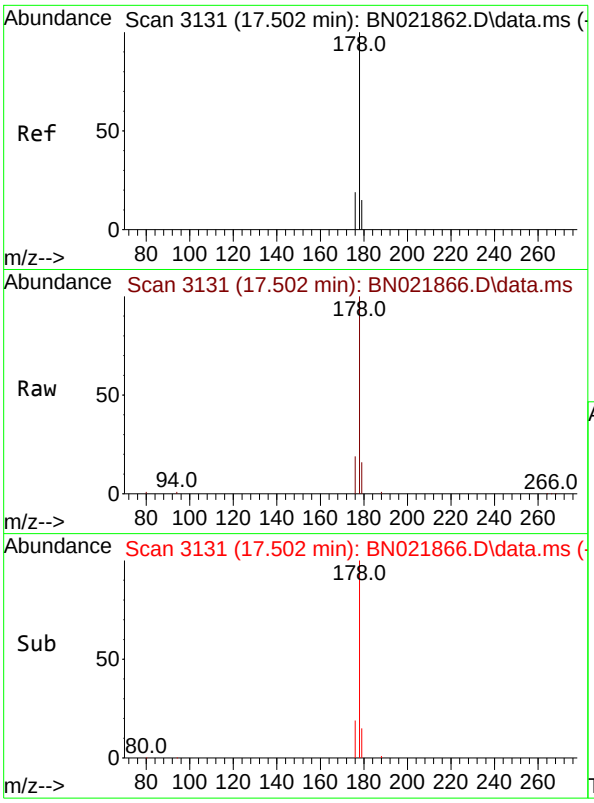




#14
Pentachlorophenol
Concen: 0.314 ng/ul
RT: 17.109 min Scan# 3038
Delta R.T. -0.000 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:266 Resp: 1089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.9 | 49.8 | 74.8 |
| 268 | 65.0 | 50.6 | 75.8 |



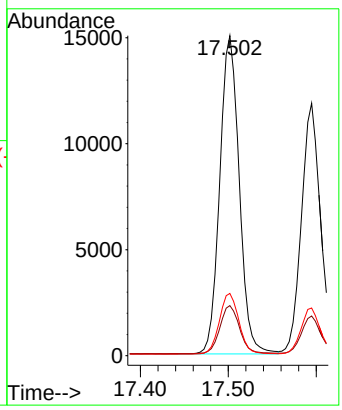


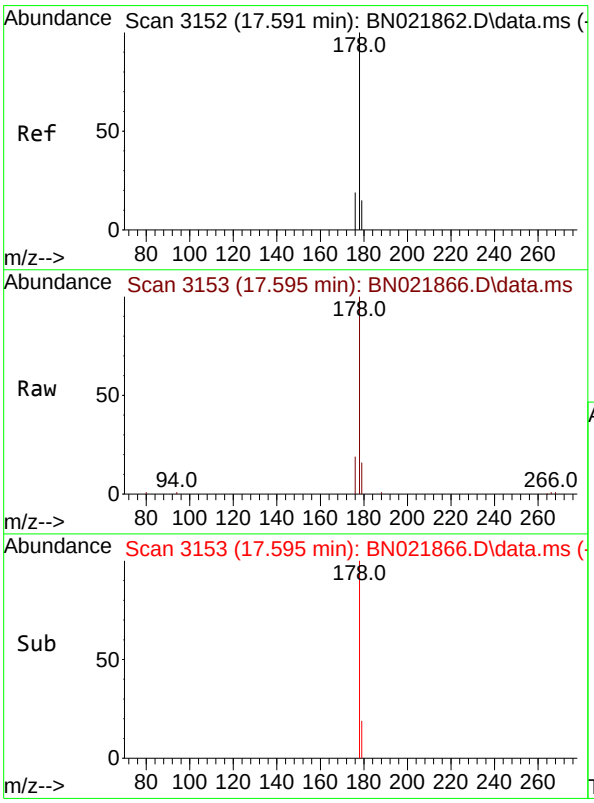

#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 17.502 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion:178 Resp: 23098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 12.8 | 19.2 |
| 176 | 19.4 | 15.9 | 23.9 |

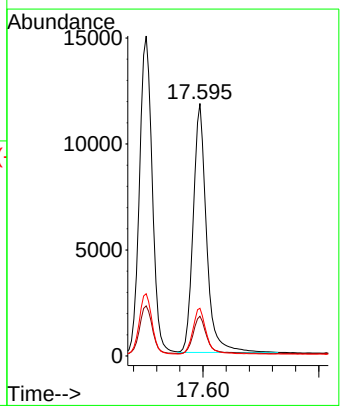


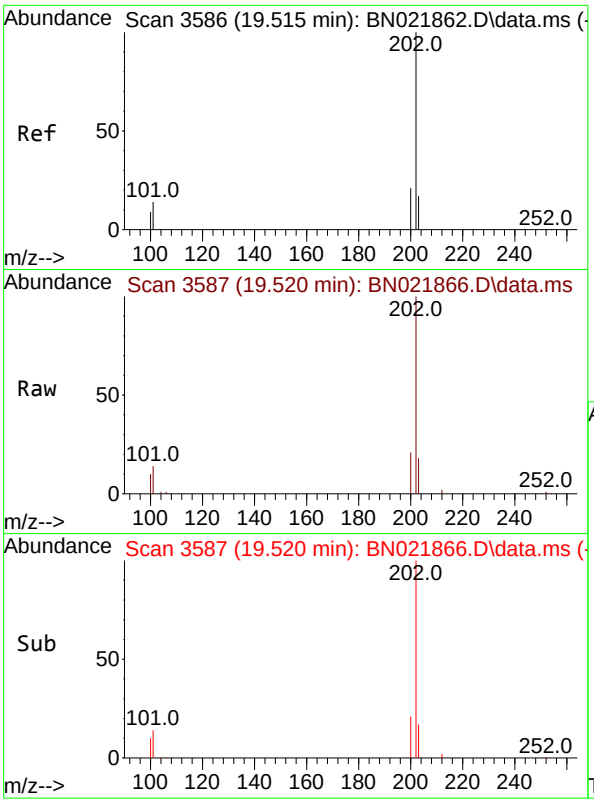




#16
Anthracene
Concen: 0.399 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:178 Resp: 18677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 12.9 | 19.3 |
| 176 | 18.9 | 15.9 | 23.9 |



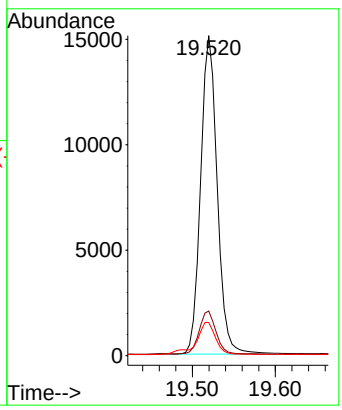


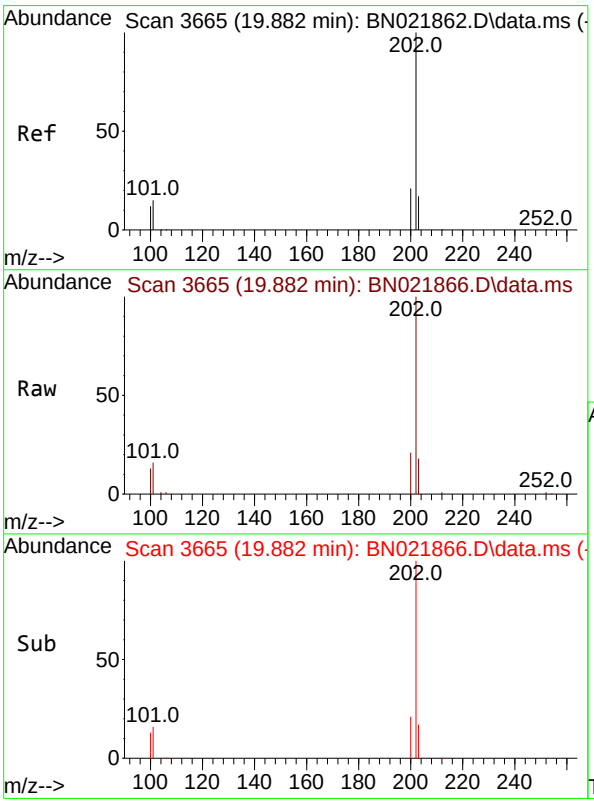

#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.520 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion:202 Resp: 21040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.0 | 10.0 | 15.0 |
| 100 | 10.4 | 8.0 | 12.0 |

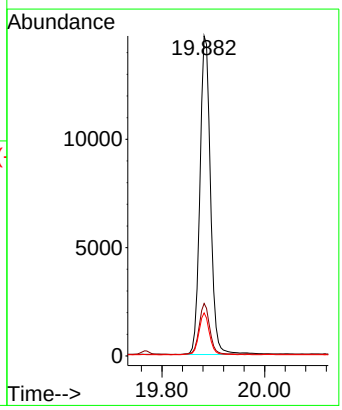


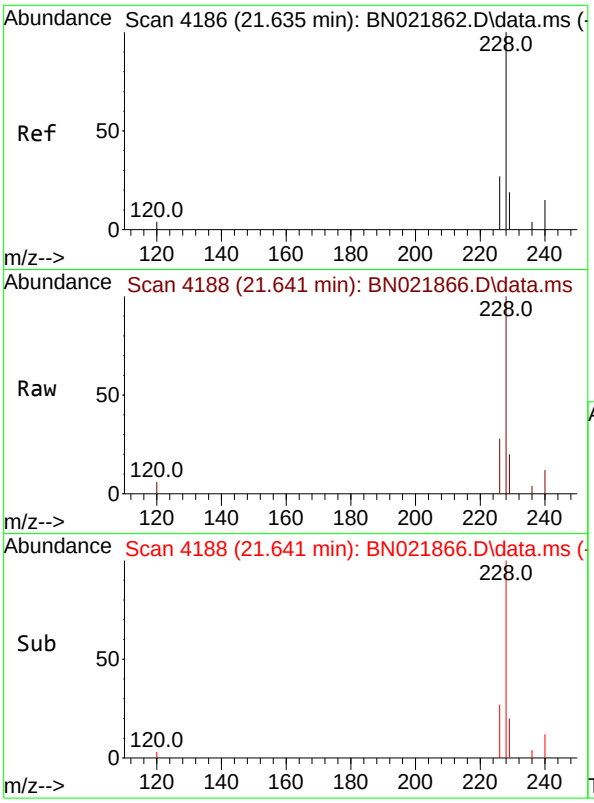




#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.004 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:202 Resp: 21085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.4 | 11.3 | 16.9 |
| 100 | 13.5 | 9.0 | 13.4# |



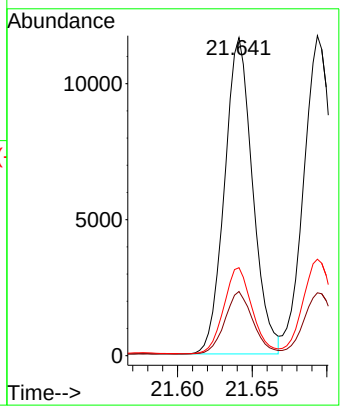


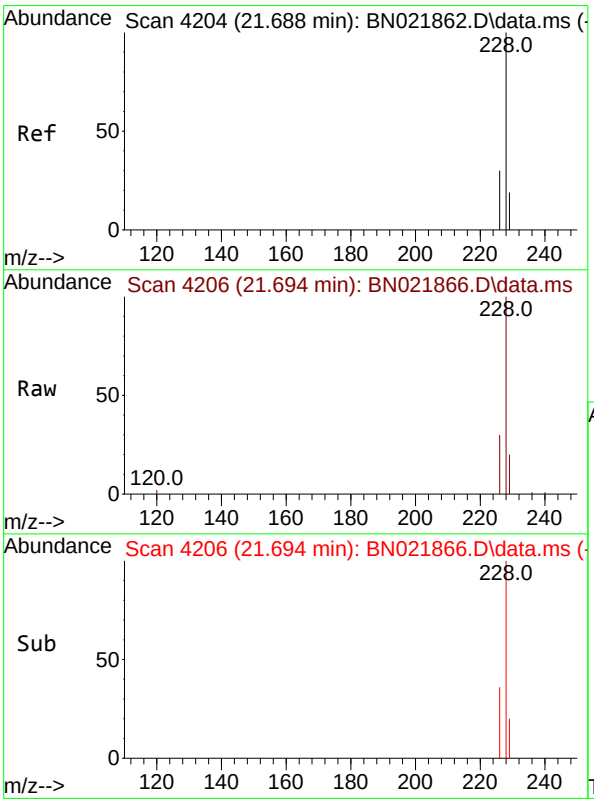

#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.641 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion:228 Resp: 15255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.2 | 16.0 | 24.0 |
| 226 | 27.7 | 21.9 | 32.9 |

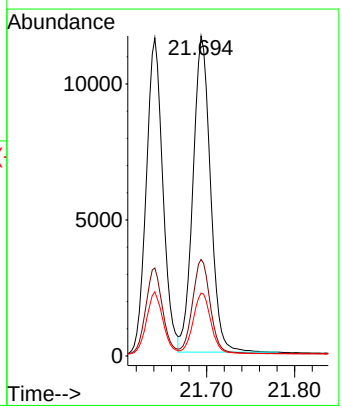


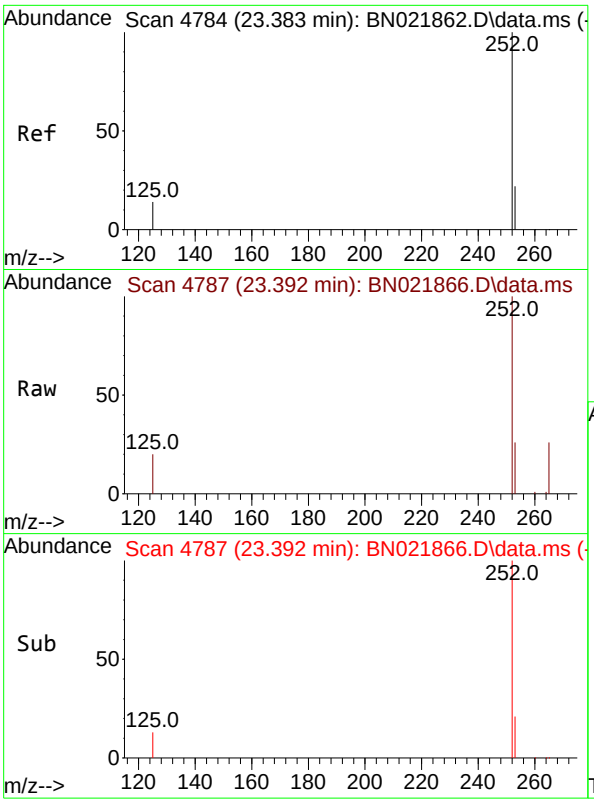




#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.694 min Scan# 4206
Delta R.T. 0.009 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:228 Resp: 16109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.6 | 37.0 |
| 229 | 19.7 | 15.8 | 23.8 |



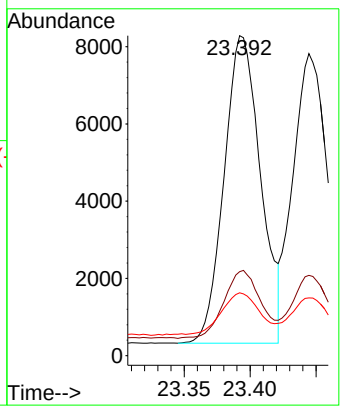


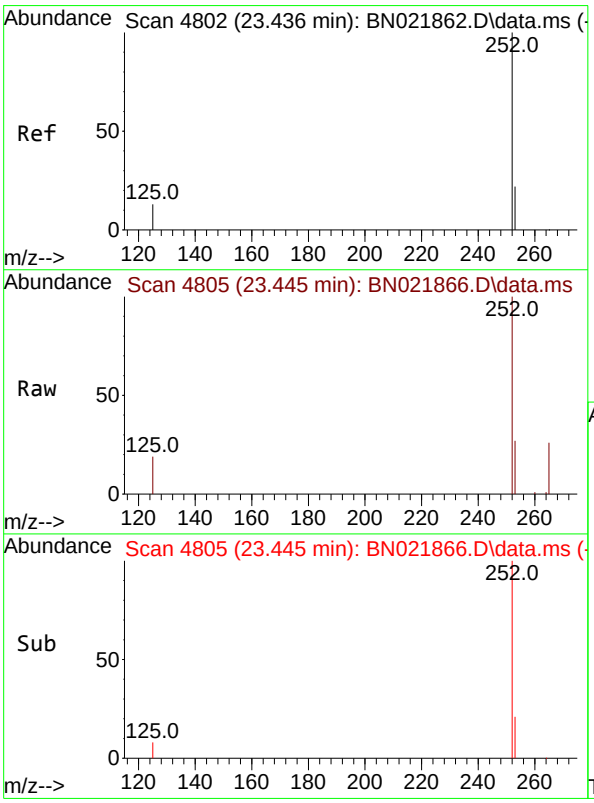

#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 23.392 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion:252 Resp: 15337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.2 | 0.0 | 50.8 |
| 125 | 19.6 | 0.0 | 30.0 |

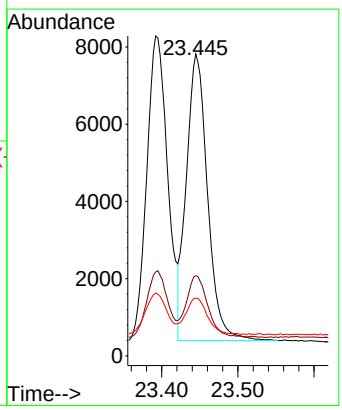


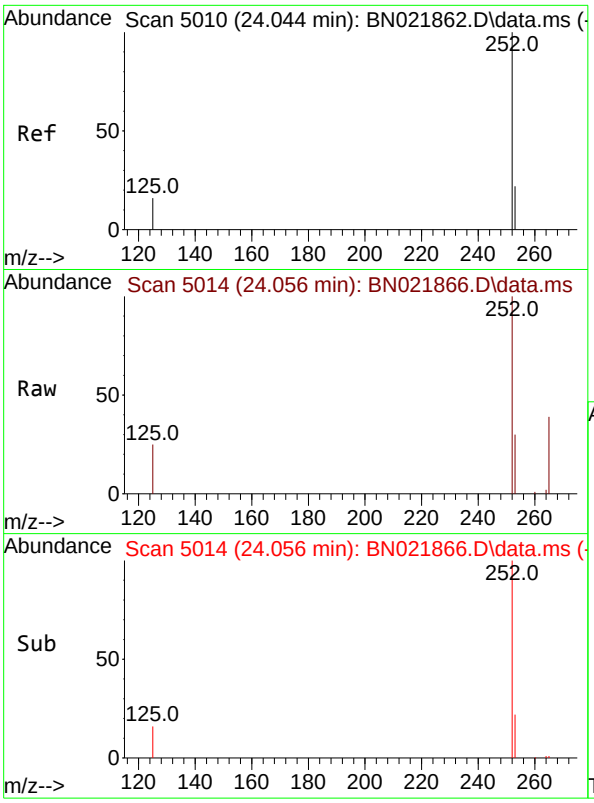




#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.445 min Scan# 4805
Delta R.T. 0.014 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:252 Resp: 14343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.6 | 20.6 | 31.0 |
| 125 | 19.1 | 11.8 | 17.6# |



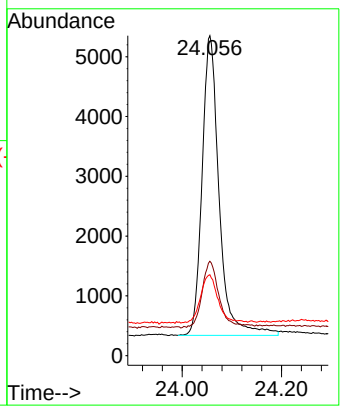


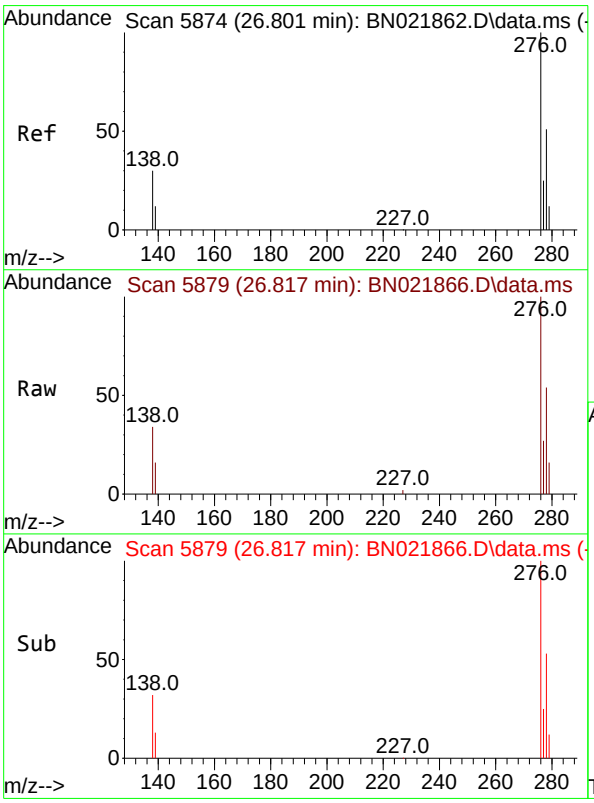

#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 24.056 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion:252 Resp: 11934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 29.5 | 22.1 | 33.1 |
| 125 | 25.3 | 14.7 | 22.1# |

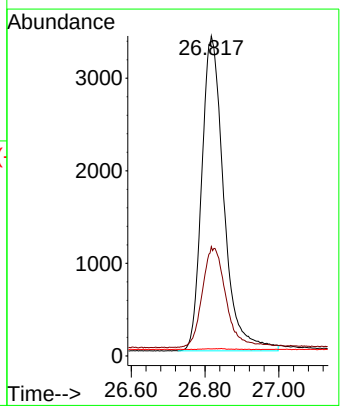


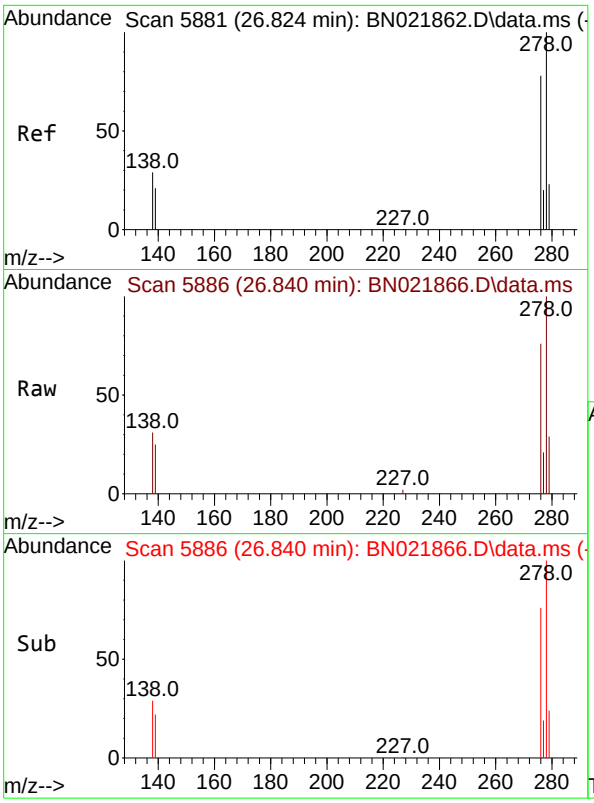




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 26.817 min Scan# 5879
Delta R.T. 0.026 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:276 Resp: 14091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 34.6 | 26.1 | 39.1 |
| 227 | 0.1 | 0.1 | 0.1 |



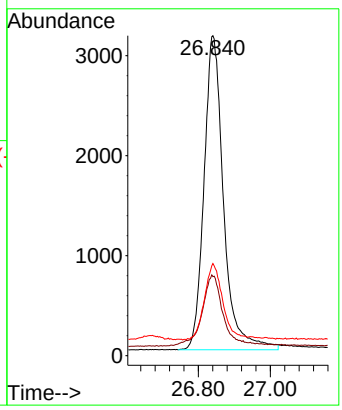


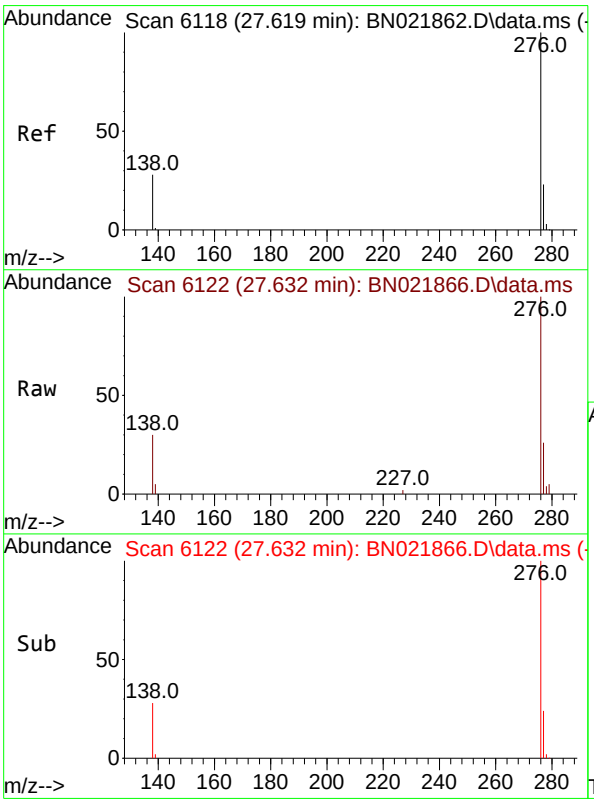

#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 26.840 min Scan# 5
Delta R.T. 0.023 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

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

Tgt Ion:278 Resp: 11834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 24.7 | 18.3 | 27.5 |
| 279 | 28.8 | 23.9 | 35.9 |




#29
Benzo(g,h,i)perylene
Concen: 0.445 ng/ul
RT: 27.632 min Scan# 6122
Delta R.T. 0.023 min
Lab File: BN021866.D
Acq: 22 Sep 2022 15:09

Tgt Ion:276 Resp: 13407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.2 | 22.6 | 34.0 |
| 277 | 25.6 | 20.2 | 30.2 |