Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012723.D
Acq On : 24 Nov 2020 19:15
Operator : CG/JU
Sample : L4751-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0B86

Quant Time: Nov 25 01:48:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 01:45:20 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.44 | 152 | 1160 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.20 | 136 | 4827 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.09 | 164 | 2684 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.85 | 188 | 5343 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.06 | 240 | 4226 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.18 | 264 | 4306 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.81 | 152 | 798 | 0.11 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.89 | 212 | 1599 | 0.11 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 7) Acenaphthylene | 13.81 | 152 | 516 | 0.039 | ng/ul# | 79 |
| 8) Acenaphthene | 14.16 | 153 | 1048 | 0.095 | ng/ul | 99 |
| 9) Fluorene | 15.15 | 166 | 1204 | 0.099 | ng/ul# | 94 |
| 11) Pentachlorophenol | 16.51 | 266 | 58 | 0.034 | ng/ul | 95 |
| 12) Phenanthrene | 16.89 | 178 | 38307 | 2.060 | ng/ul | 96 |
| 13) Anthracene | 16.98 | 178 | 4518 | 0.280 | ng/ul | 99 |
| 15) Fluoranthene | 18.92 | 202 | 76686 | 3.573 | ng/ul | 99 |
| 17) Pyrene | 19.28 | 202 | 62714 | 3.318 | ng/ul | 97 |
| 18) Benzo(a)anthracene | 21.05 | 228 | 28145 | 1.859 | ng/ul | 99 |
| 19) Chrysene | 21.10 | 228 | 34105 | 1.803 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 22.56 | 252 | 55930 | 2.823 | ng/ul | 92 |
| 22) Benzo(k)fluoranthene | 22.56 | 252 | 55930 | 2.448 | ng/ul | 93 |
| 23) Benzo(a)pyrene | 23.09 | 252 | 26085 | 1.399 | ng/ul# | 83 |
| 24) Indeno(1,2,3-cd)pyrene | 25.26 | 276 | 17275 | 0.709 | ng/ul | 98 |
| 25) Dibenzo(a,h)anthracene | 25.26 | 278 | 4337 | 0.221 | ng/ul# | 89 |
| 26) Benzo(g,h,i)perylene | 25.89 | 276 | 14734 | 0.672 | ng/ul | 97 |

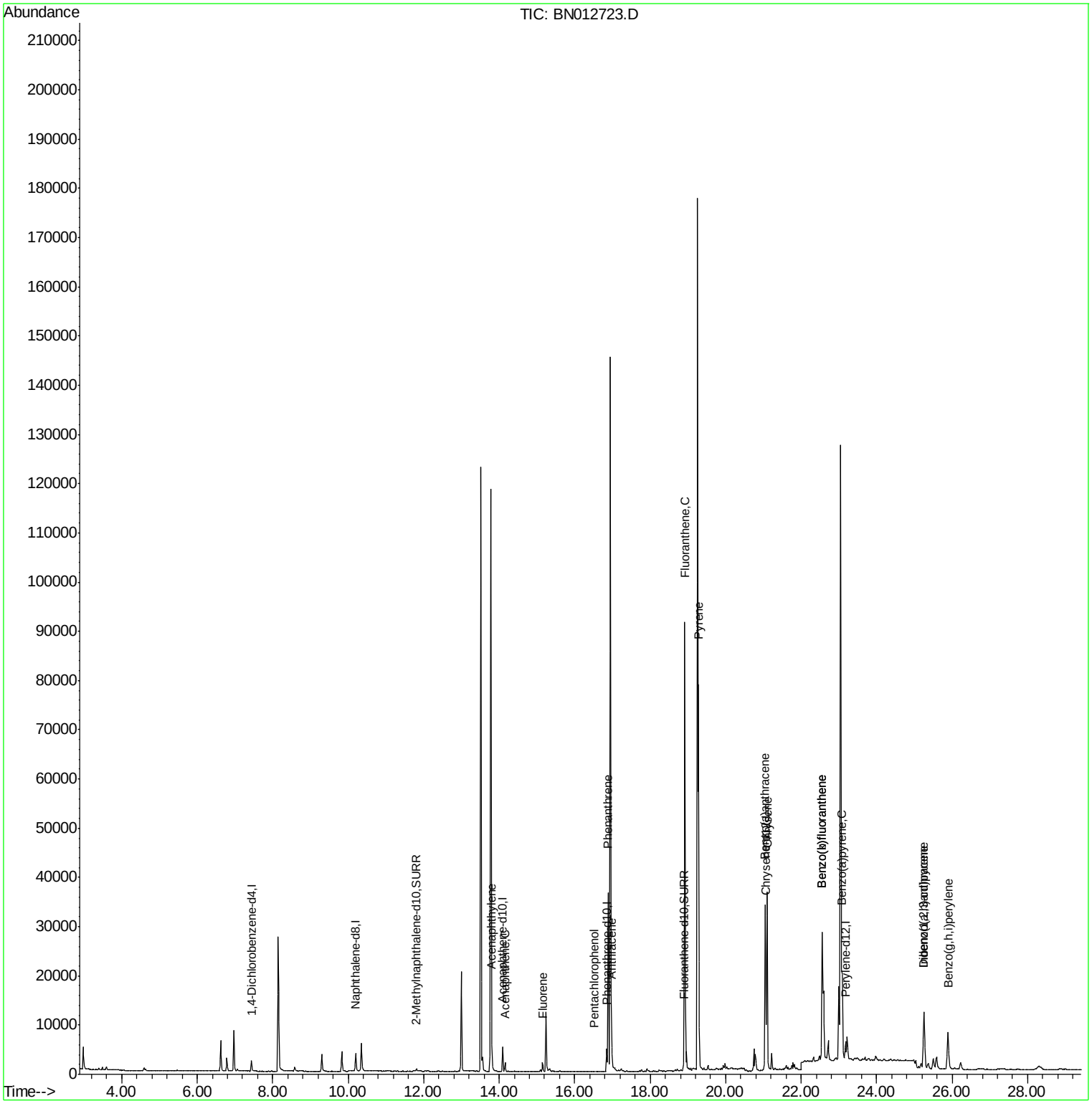
(#) = qualifier out of range (m) = manual integration (+) = signals summed

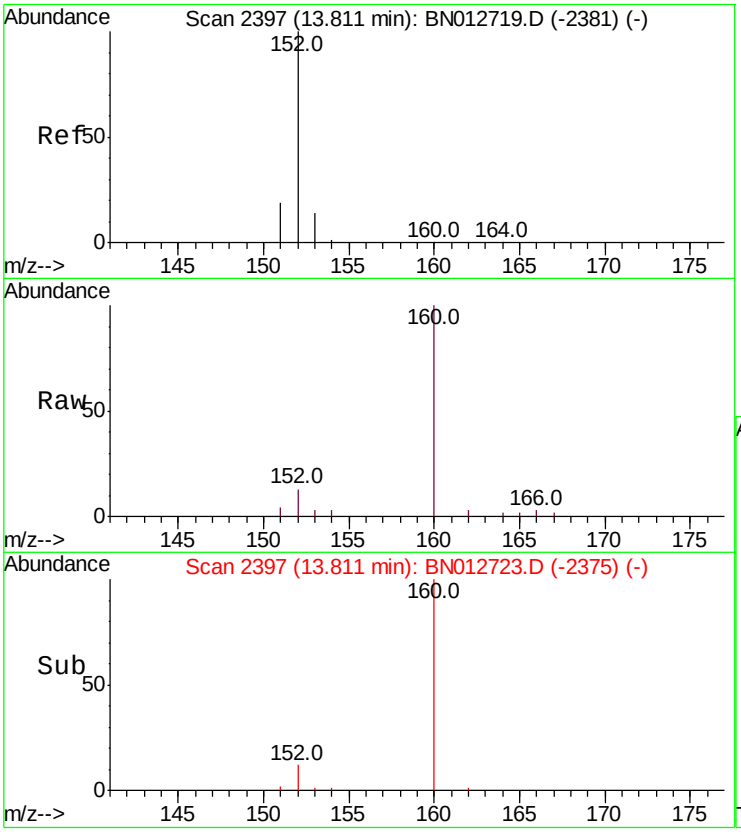
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012723.D
Acq On : 24 Nov 2020 19:15
Operator : CG/JU
Sample : L4751-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0B86

Quant Time: Nov 25 01:48:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 01:45:20 2020
Response via : Initial Calibration



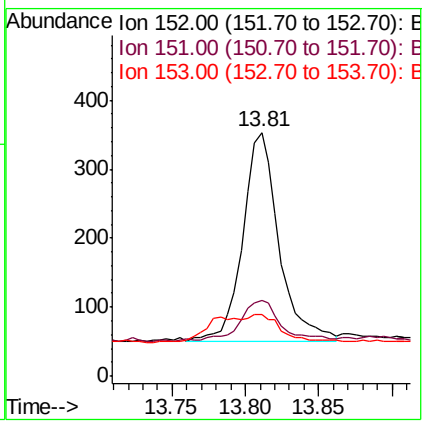


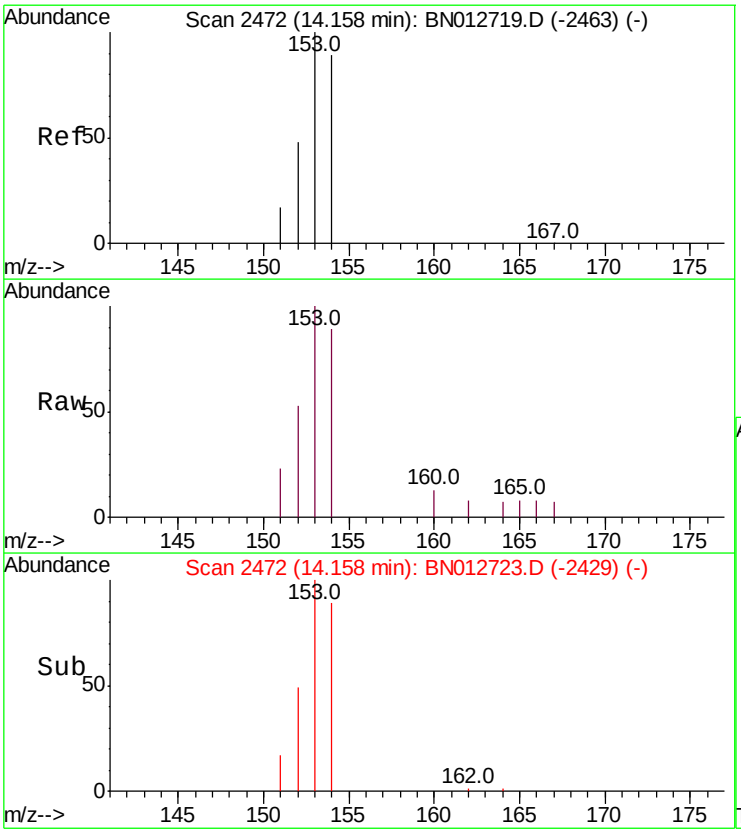

#7
Acenaphthylene
Concen: 0.039 ng/ul
RT: 13.81 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

**Instrument :**
BNA_N
**ClientSampleId :**
C0B86

Tgt Ion:152 Resp: 516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 30.9 | 17.1 | 25.7# |
| 153 | 25.2 | 12.6 | 19.0# |

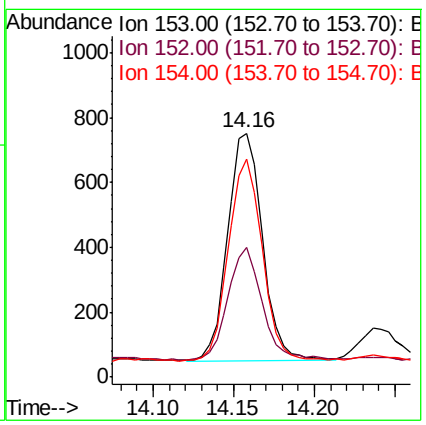


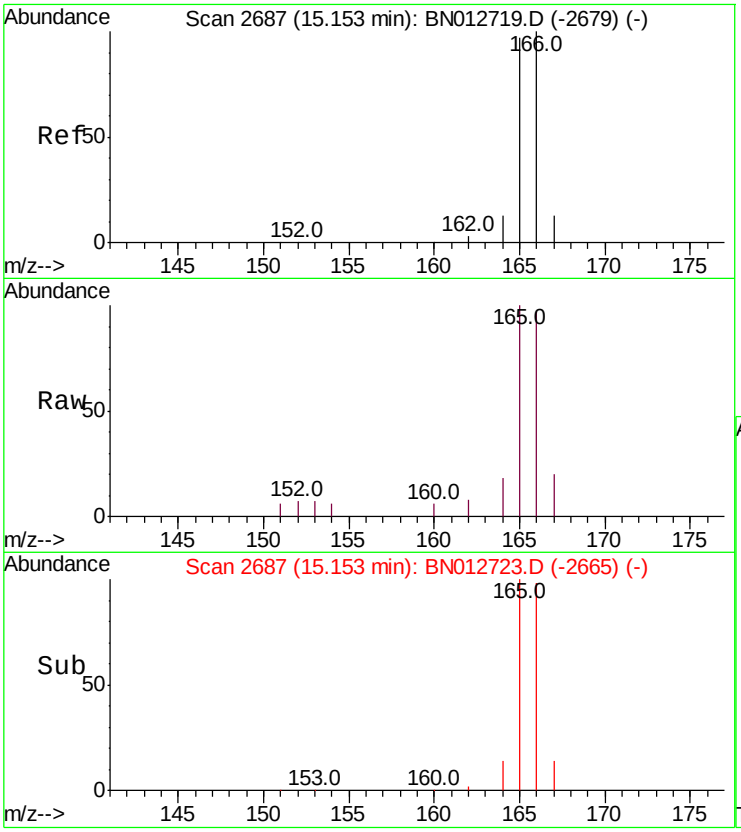




#8
Acenaphthene
Concen: 0.095 ng/ul
RT: 14.16 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

Tgt Ion:153 Resp: 1048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 53.1 | 41.4 | 62.0 |
| 154 | 89.5 | 70.9 | 106.3 |



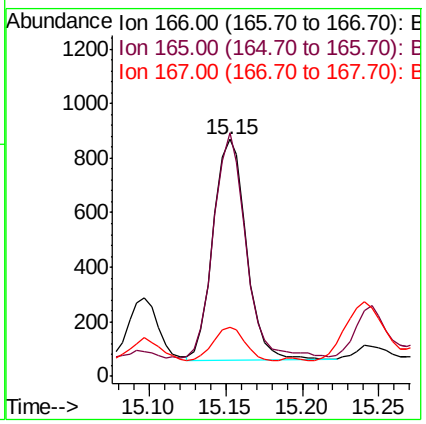


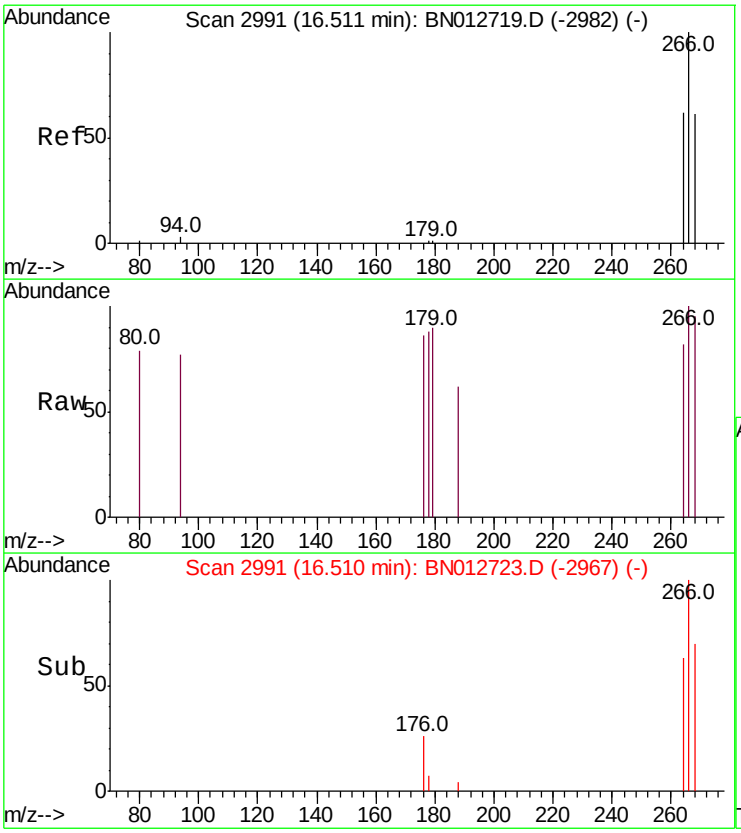

#9
Fluorene
Concen: 0.099 ng/ul
RT: 15.15 min Scan# 2687
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

**Instrument :**
BNA_N
**ClientSampleId :**
C0B86

Tgt Ion:166 Resp: 1204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.9 | 78.5 | 117.7 |
| 167 | 21.0 | 12.7 | 19.1# |

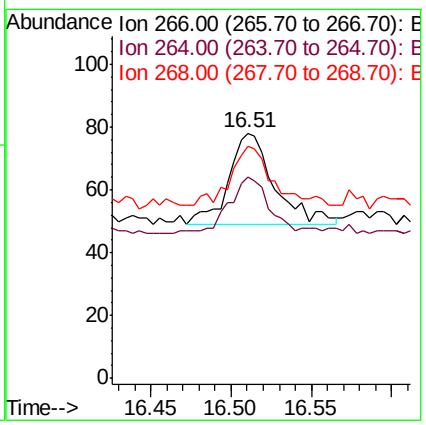


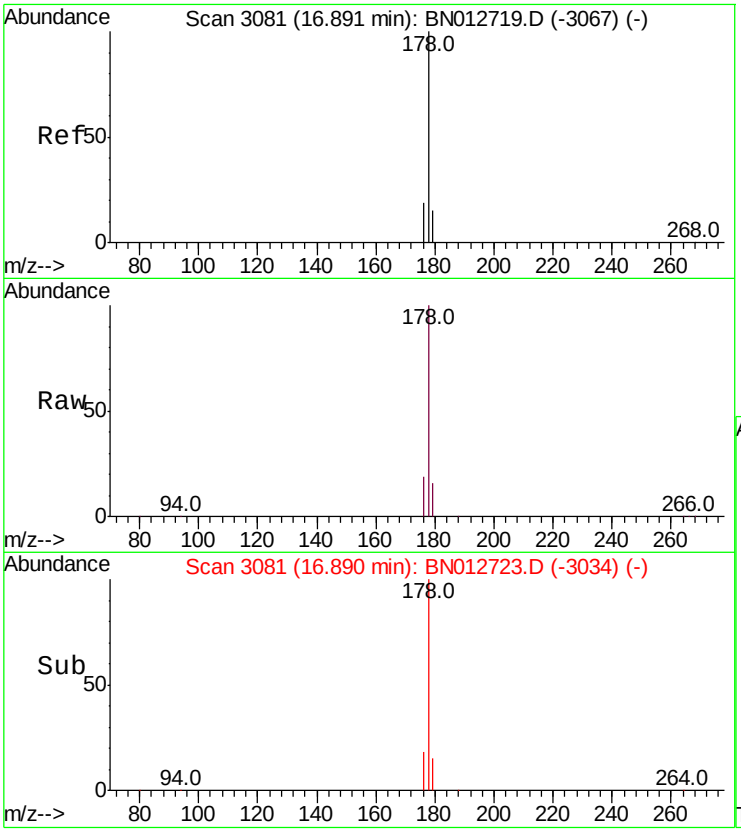




#11
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 16.51 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

Tgt Ion:266 Resp: 58

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 56.9 | 51.0 | 76.6 |
| 268 | 58.6 | 47.8 | 71.6 |



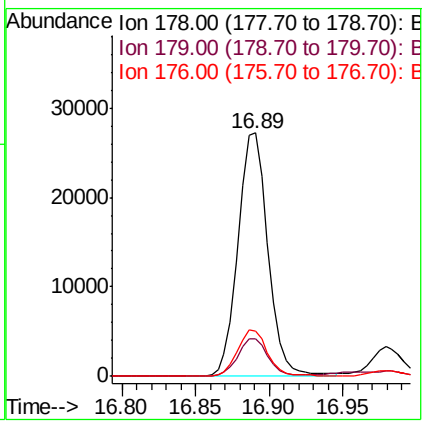


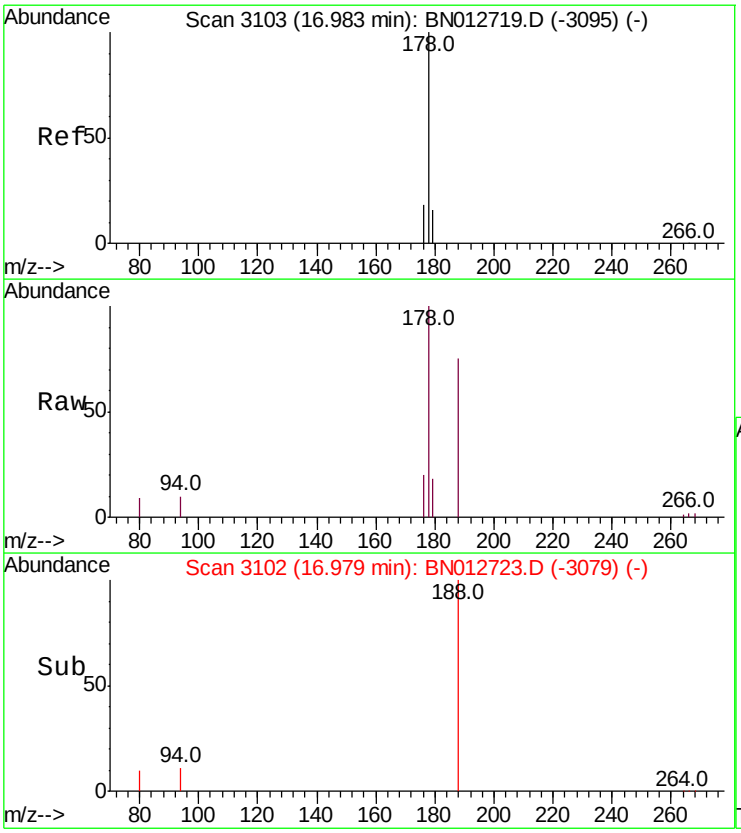

#12
Phenanthrene
Concen: 2.060 ng/ul
RT: 16.89 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

**Instrument :**
BNA_N
**ClientSampleId :**
C0B86

Tgt Ion:178 Resp: 38307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 13.8 | 20.6 |
| 176 | 18.5 | 16.7 | 25.1 |

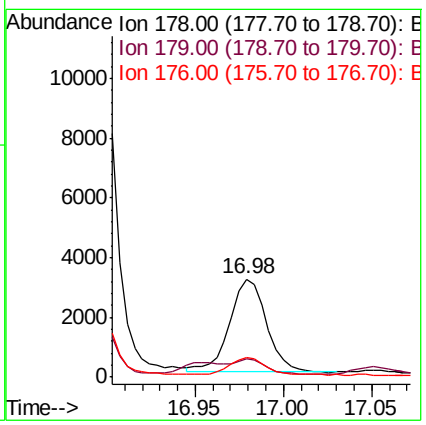


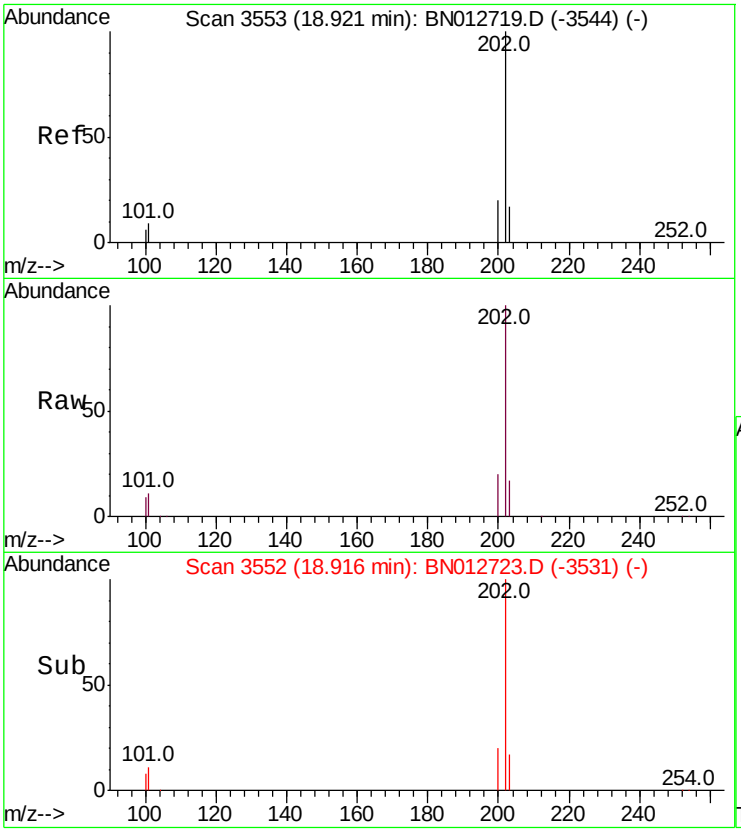




#13
Anthracene
Concen: 0.280 ng/ul
RT: 16.98 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

Tgt Ion:178 Resp: 4518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 18.3 | 14.8 | 22.2 |
| 176 | 20.0 | 16.3 | 24.5 |



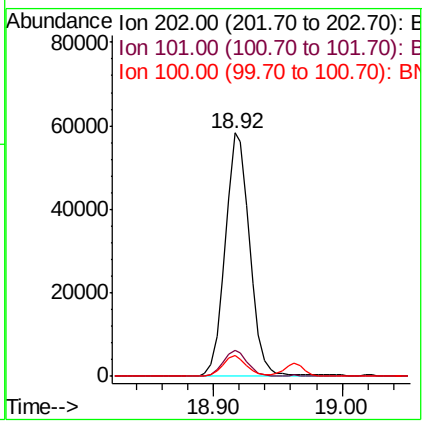


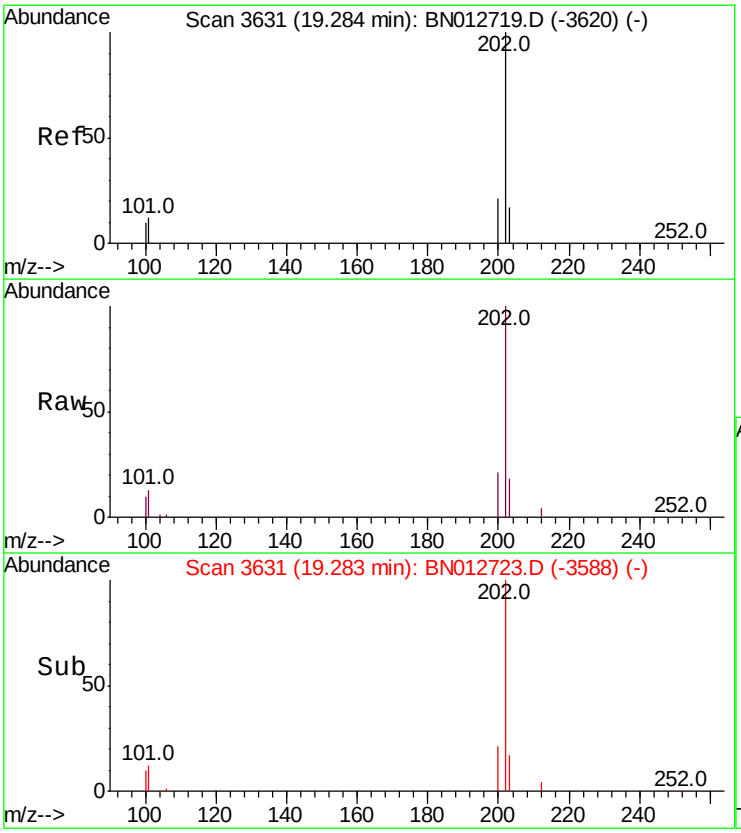

#15
Fluoranthene
Concen: 3.573 ng/ul
RT: 18.92 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

**Instrument :**
BNA_N
**ClientSampleId :**
C0B86

Tgt Ion:202 Resp: 76686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 30.5 |
| 100 | 8.6 | 0.0 | 28.4 |

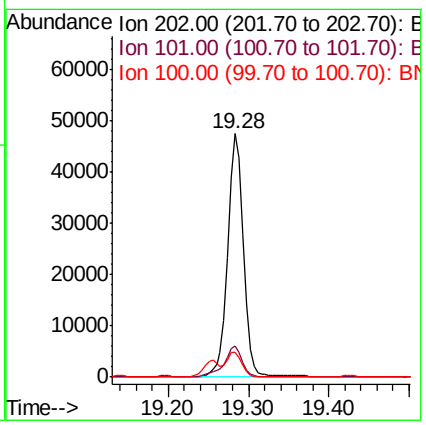


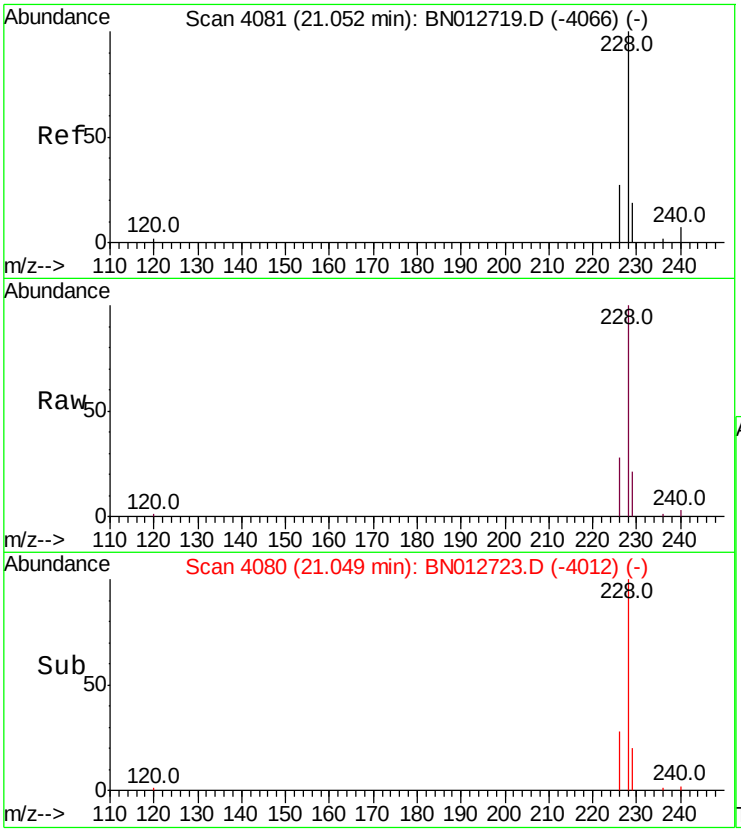




#17
Pyrene
Concen: 3.318 ng/ul
RT: 19.28 min Scan# 3631
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

Tgt Ion:202 Resp: 62714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 8.9 | 13.3 |
| 100 | 10.3 | 7.4 | 11.2 |



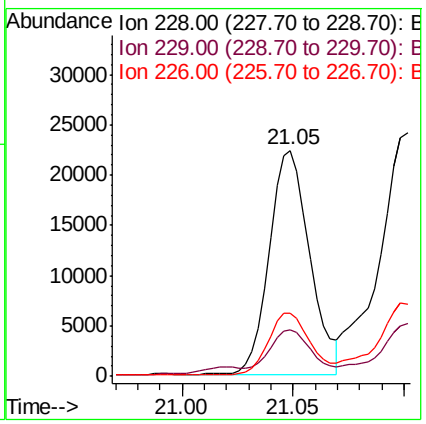


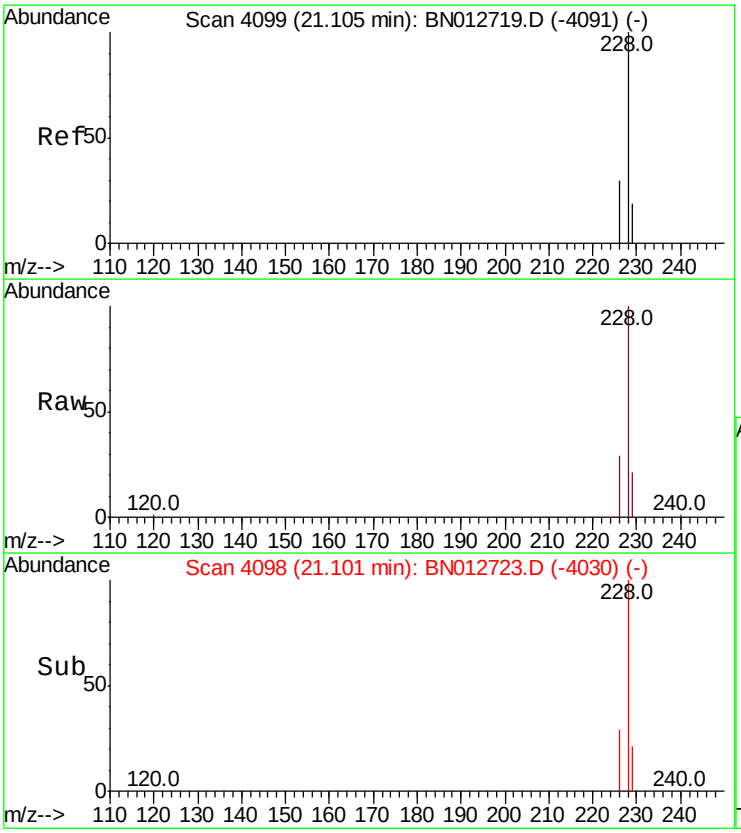

#18
Benzo(a)anthracene
Concen: 1.859 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

**Instrument :**
BNA_N
**ClientSampleId :**
C0B86

Tgt Ion:228 Resp: 28145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.6 | 16.9 | 25.3 |
| 226 | 28.2 | 23.1 | 34.7 |

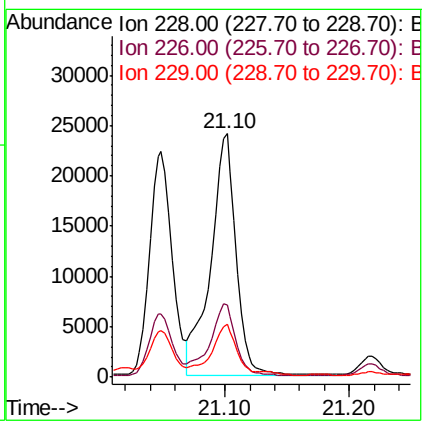


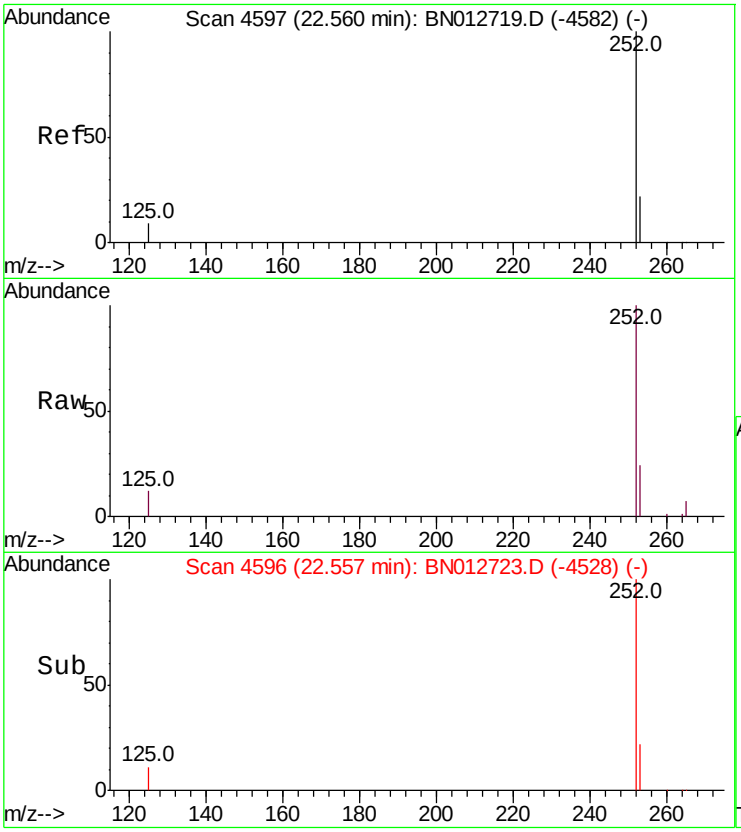




#19
Chrysene
Concen: 1.803 ng/ul
RT: 21.10 min Scan# 4098
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

Tgt Ion:228 Resp: 34105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.5 | 24.4 | 36.6 |
| 229 | 21.5 | 16.1 | 24.1 |



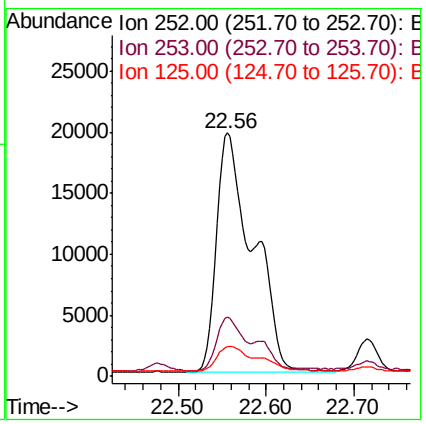


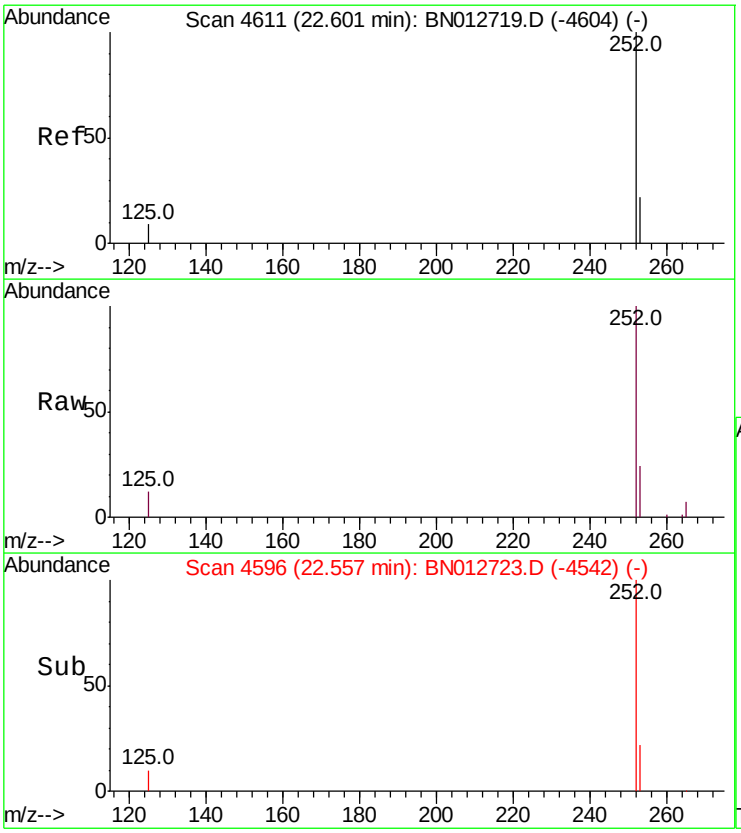

#21
Benzo(b)fluoranthene
Concen: 2.823 ng/ul
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

**Instrument :**
BNA_N
**ClientSampleId :**
C0B86

Tgt Ion:252 Resp: 55930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 0.0 | 58.4 |
| 125 | 12.4 | 0.0 | 28.6 |

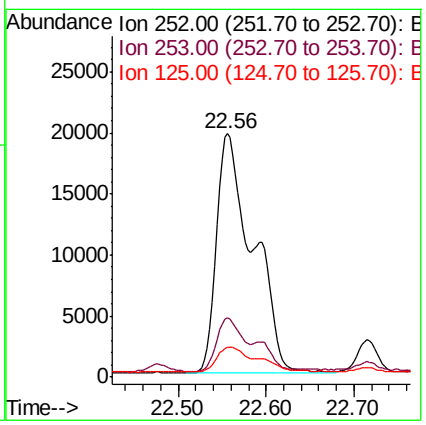


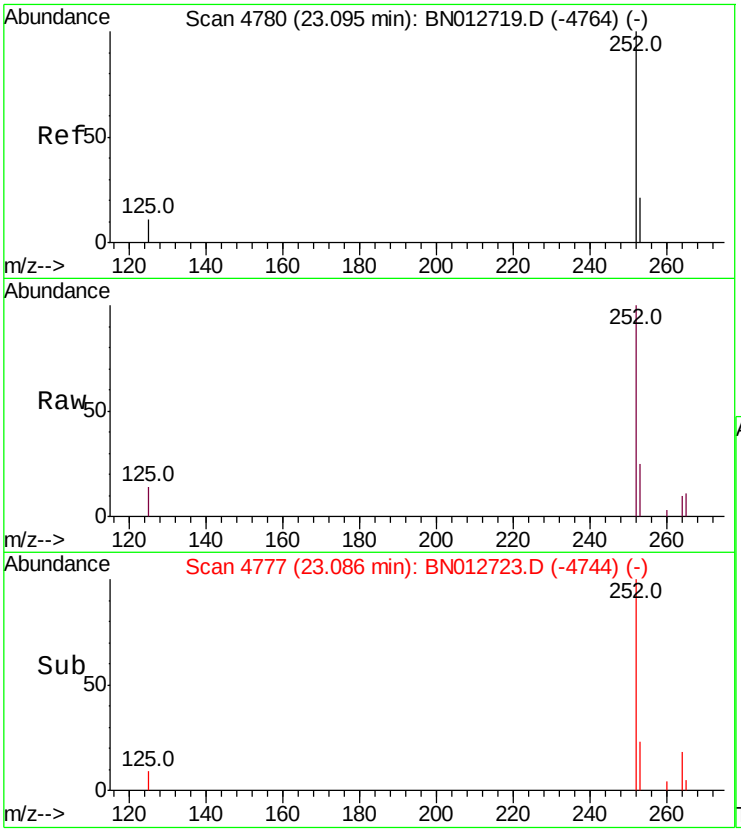




#22
Benzo(k)fluoranthene
Concen: 2.448 ng/ul
RT: 22.56 min Scan# 4596
Delta R.T. -0.04 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

Tgt Ion:252 Resp: 55930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 23.4 | 35.2 |
| 125 | 12.4 | 10.2 | 15.2 |



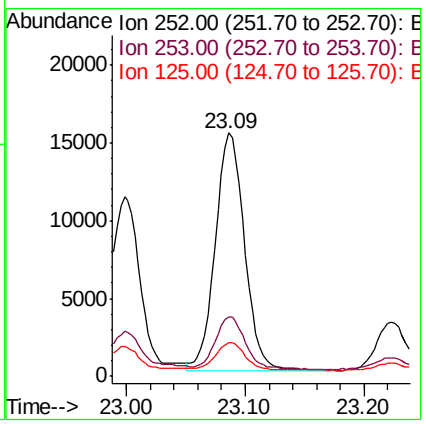


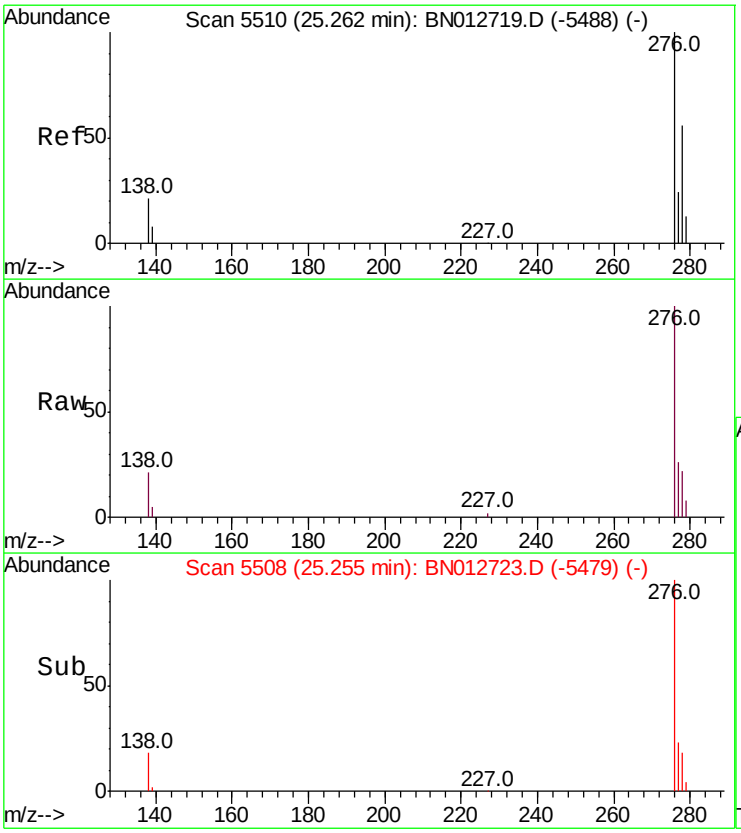

#23
Benzo(a)pyrene
Concen: 1.399 ng/ul
RT: 23.09 min Scan# 4777
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

**Instrument :**
BNA_N
**ClientSampleId :**
C0B86

Tgt Ion:252 Resp: 26085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.6 | 27.6 | 41.4# |
| 125 | 13.9 | 17.0 | 25.4# |

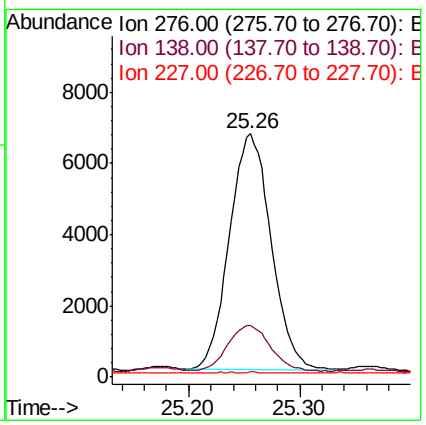


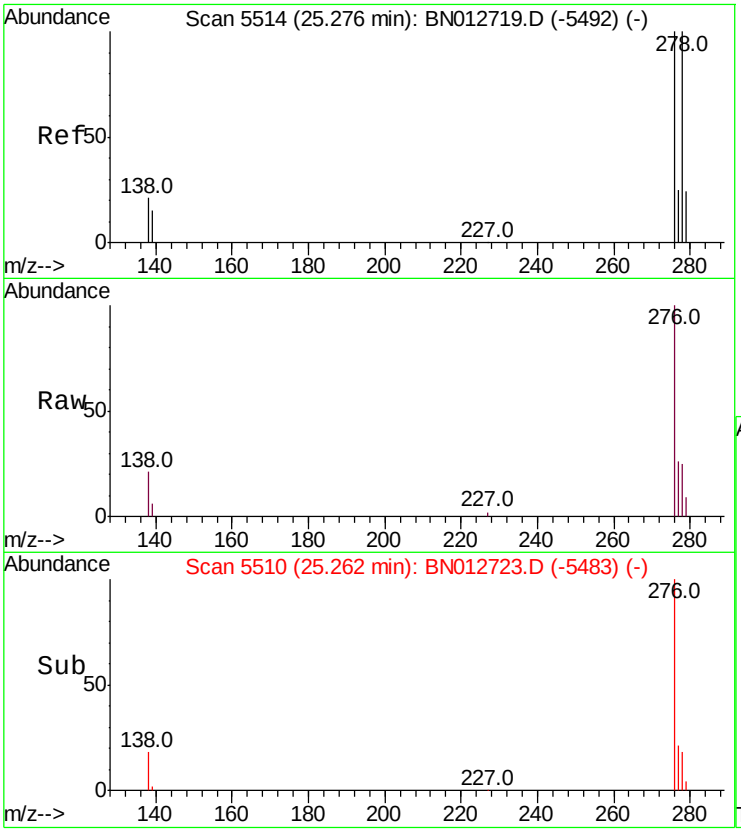




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.709 ng/ul
RT: 25.26 min Scan# 5508
Delta R.T. -0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

Tgt Ion:276 Resp: 17275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.6 | 16.5 | 24.7 |
| 227 | 0.1 | 0.1 | 0.1 |



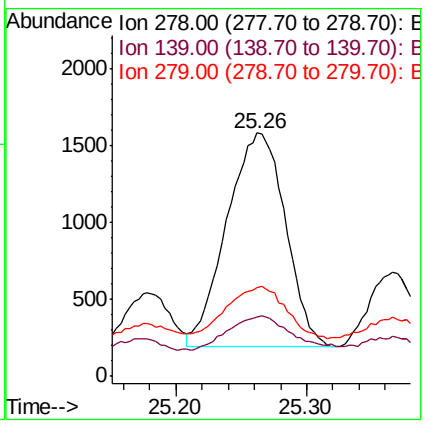


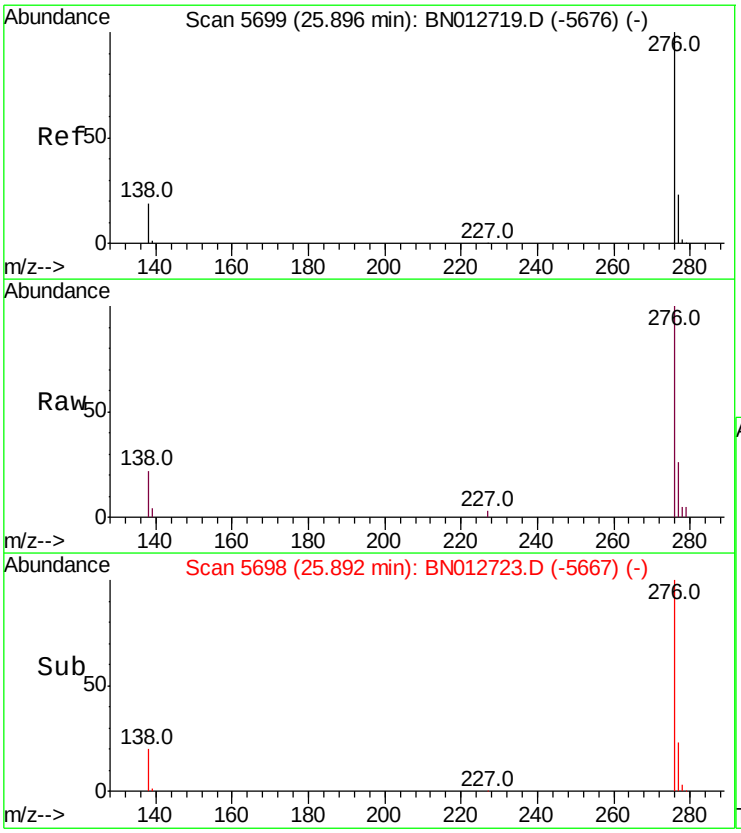

#25
Dibenzo(a,h)anthracene
Concen: 0.221 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

**Instrument :**
BNA_N
**ClientSampleId :**
C0B86

Tgt Ion:278 Resp: 4337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 24.2 | 13.8 | 20.8# |
| 279 | 36.4 | 25.6 | 38.4 |




#26
Benzo(g,h,i)perylene
Concen: 0.672 ng/ul
RT: 25.89 min Scan# 5698
Delta R.T. 0.00 min
Lab File: BN012723.D
Acq: 24 Nov 2020 19:15

Tgt Ion:276 Resp: 14734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.1 | 16.3 | 24.5 |
| 277 | 25.6 | 21.8 | 32.8 |