Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
Data File : BN011349.D
Acq On : 04 Aug 2020 02:02
Operator : CG/JU
Sample : L3419-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AF8

Quant Time: Aug 04 06:47:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 06:45:43 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.46 | 152 | 2005 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.21 | 136 | 7212 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.09 | 164 | 4583 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 0.00 | 188 | 0 | 0.00 | ng/ul | -16.85 |
| 16) Chrysene-d12 | 21.06 | 240 | 10776 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.18 | 264 | 11477 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.81 | 152 | 5179 | 0.28 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.89 | 212 | 12796 | 0.00 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 7) Acenaphthylene | 13.81 | 152 | 1749 | 0.080 | ng/ul# | 94 |
| 17) Pyrene | 19.28 | 202 | 16338 | 0.334 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.05 | 228 | 13560 | 0.328 | ng/ul | 97 |
| 19) Chrysene | 21.10 | 228 | 17399 | 0.367 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 22.55 | 252 | 45774 | 0.956 | ng/ul | 97 |
| 22) Benzo(k)fluoranthene | 22.55 | 252 | 45774 | 0.852 | ng/ul# | 93 |
| 23) Benzo(a)pyrene | 23.09 | 252 | 14770 | 0.355 | ng/ul | 98 |
| 24) Indeno(1,2,3-cd)pyrene | 25.24 | 276 | 10683 | 0.244 | ng/ul# | 97 |
| 25) Dibenzo(a,h)anthracene | 25.25 | 278 | 2622 | 0.075 | ng/ul# | 77 |
| 26) Benzo(g,h,i)perylene | 25.87 | 276 | 10349 | 0.262 | ng/ul | 99 |

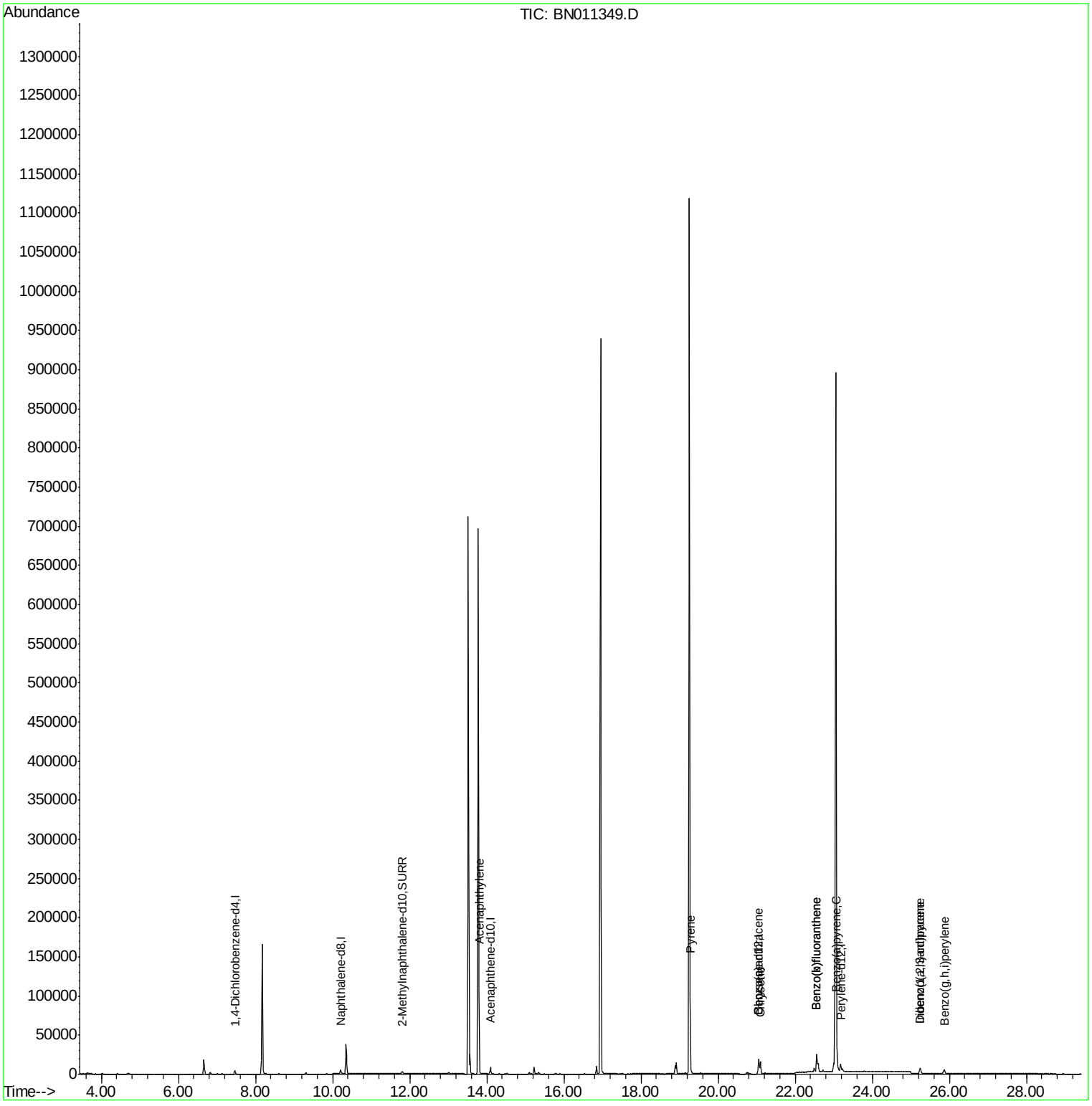
(#) = qualifier out of range (m) = manual integration (+) = signals summed

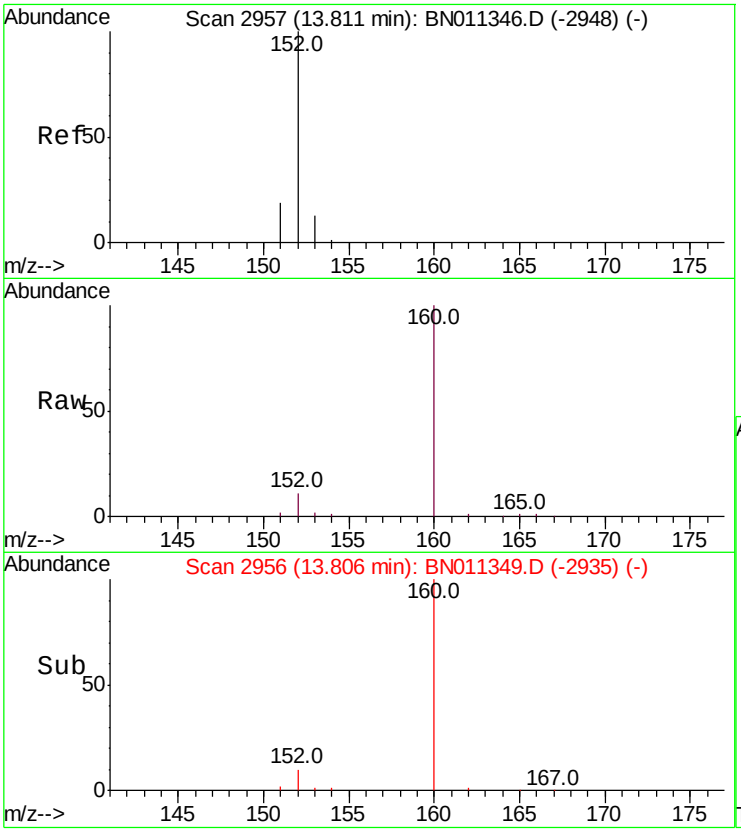
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
Data File : BN011349.D
Acq On : 04 Aug 2020 02:02
Operator : CG/JU
Sample : L3419-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AF8

Quant Time: Aug 04 06:47:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 06:45:43 2020
Response via : Initial Calibration



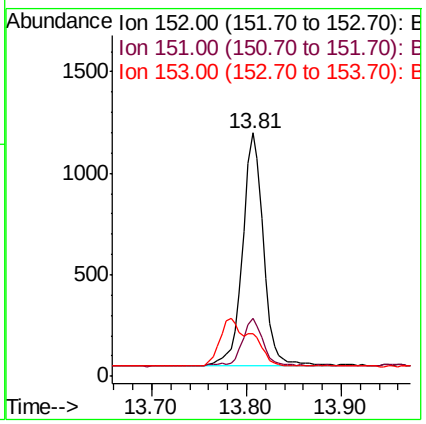


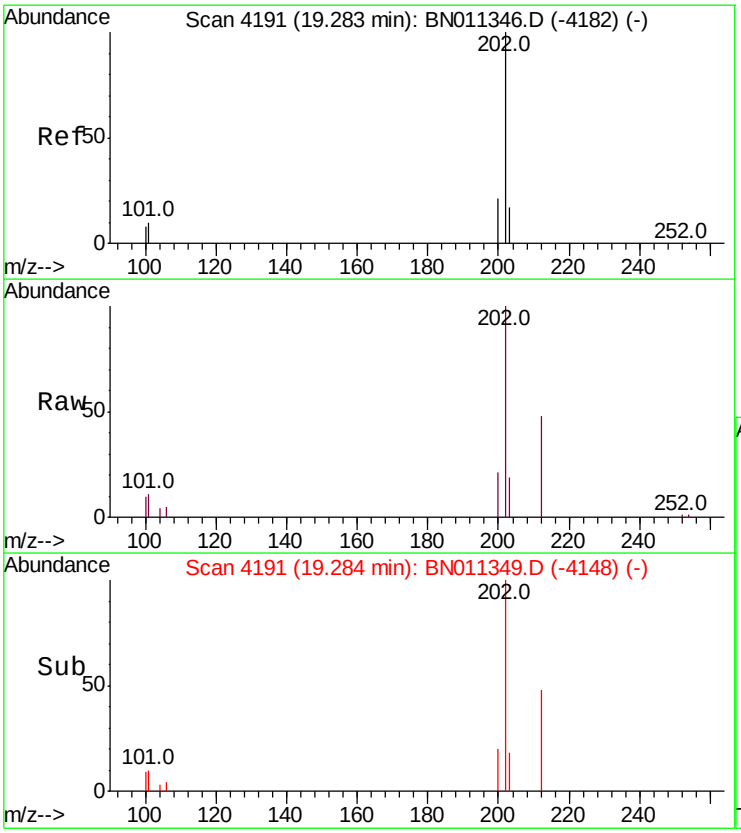

#7
Acenaphthylene
Concen: 0.080 ng/ul
RT: 13.81 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

**Instrument :**
BNA_N
**ClientSampleId :**
C0AF8

Tgt Ion:152 Resp: 1749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.7 | 17.1 | 25.7 |
| 153 | 17.8 | 11.4 | 17.0# |

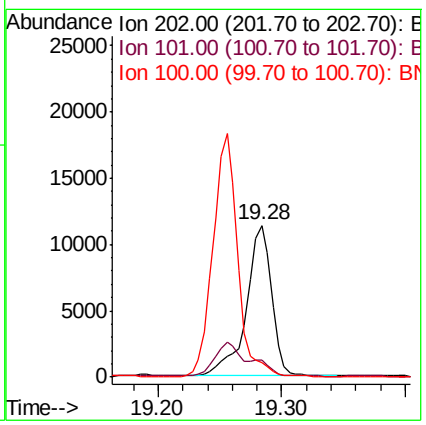


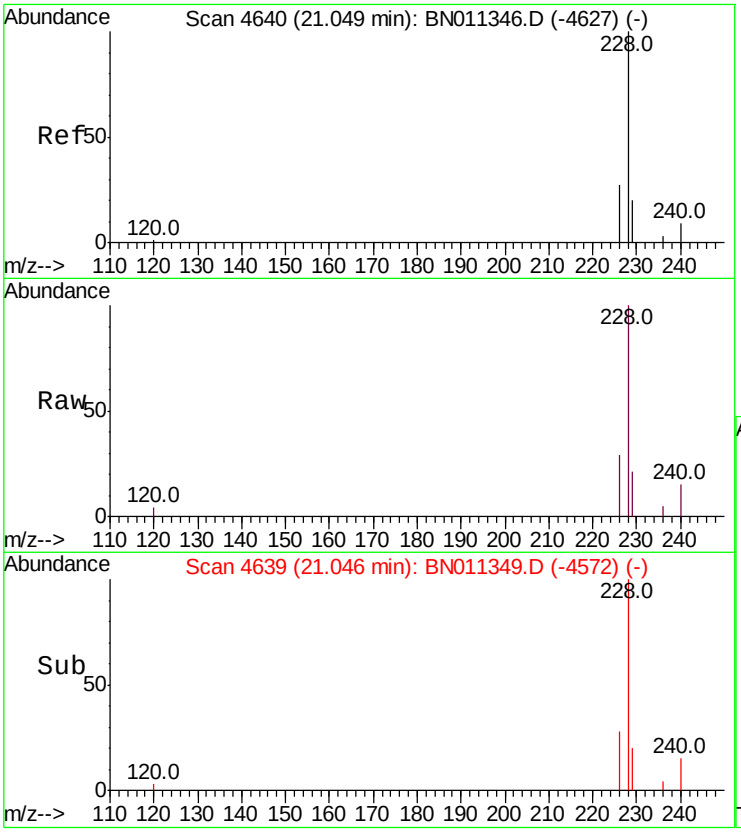




#17
Pyrene
Concen: 0.334 ng/ul
RT: 19.28 min Scan# 4191
Delta R.T. 0.00 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

Tgt Ion:202 Resp: 16338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 8.5 | 12.7 |
| 100 | 9.6 | 7.1 | 10.7 |



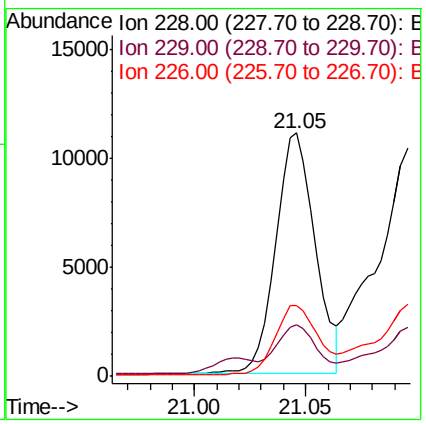


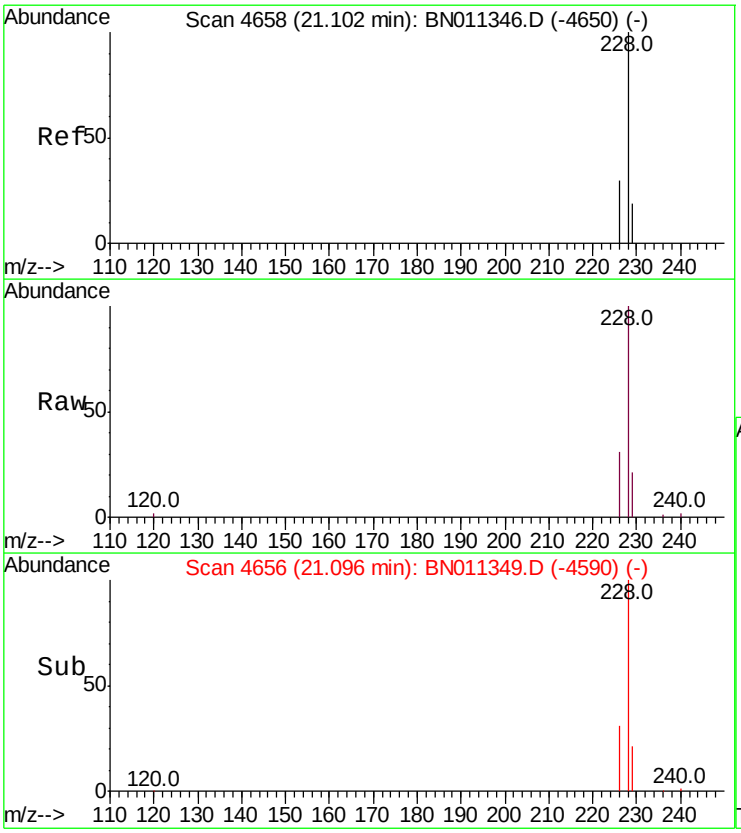

#18
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.05 min Scan# 4639
Delta R.T. -0.00 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

**Instrument :**
BNA_N
**ClientSampleId :**
C0AF8

Tgt Ion:228 Resp: 13560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.4 | 16.1 | 24.1 |
| 226 | 29.1 | 22.2 | 33.2 |

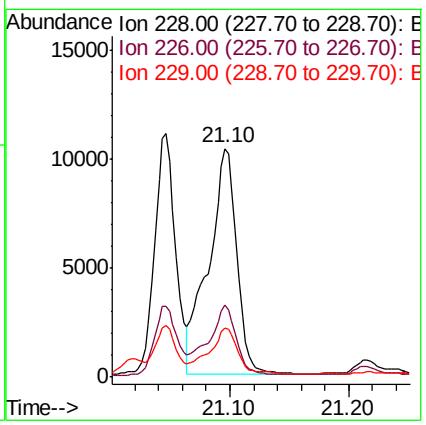


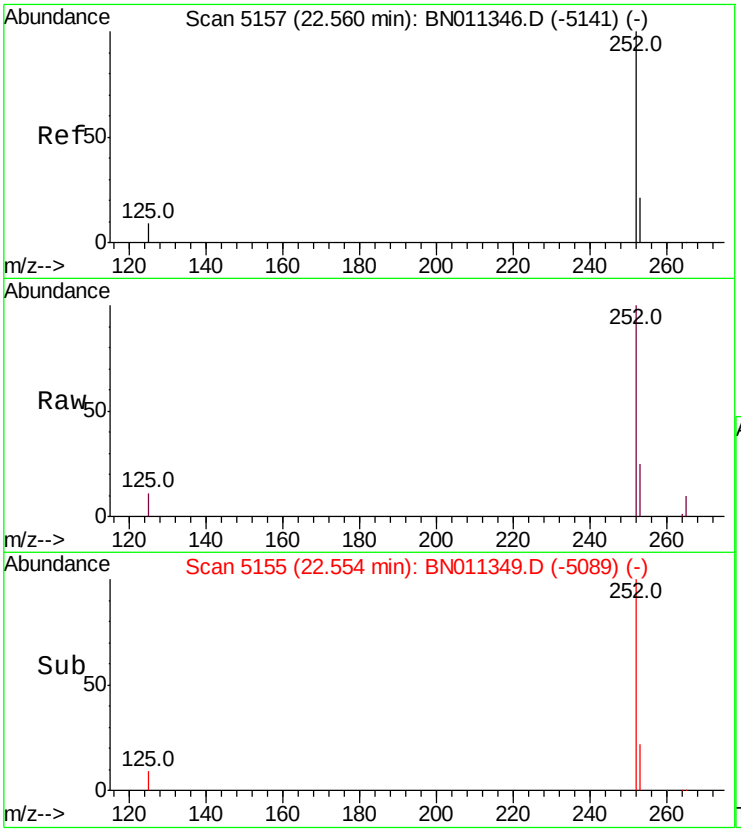




#19
Chrysene
Concen: 0.367 ng/ul
RT: 21.10 min Scan# 4656
Delta R.T. -0.01 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

Tgt Ion:228 Resp: 17399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.4 | 24.5 | 36.7 |
| 229 | 21.4 | 15.8 | 23.6 |



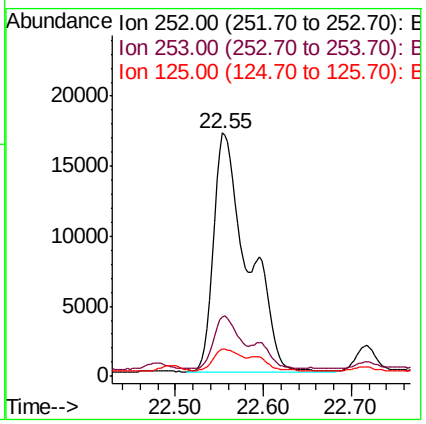


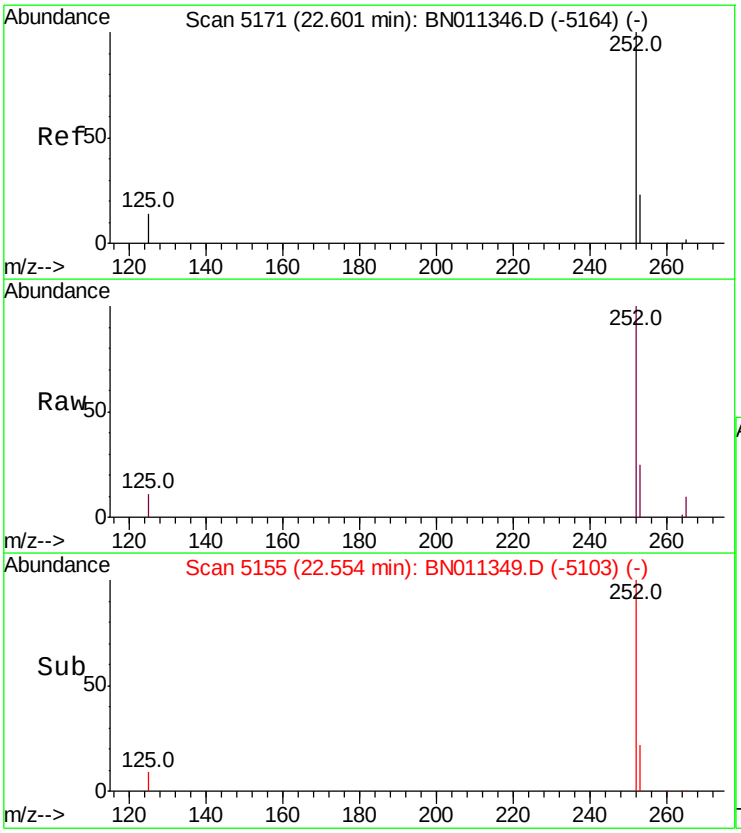

#21
Benzo(b)fluoranthene
Concen: 0.956 ng/ul
RT: 22.55 min Scan# 5155
Delta R.T. -0.01 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

**Instrument :**
BNA_N
**ClientSampleId :**
C0AF8

Tgt Ion:252 Resp: 45774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 0.0 | 51.8 |
| 125 | 11.1 | 0.0 | 24.2 |

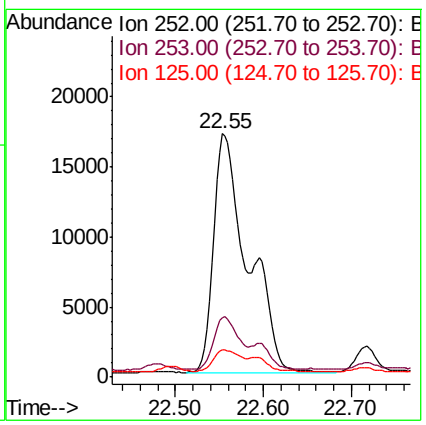


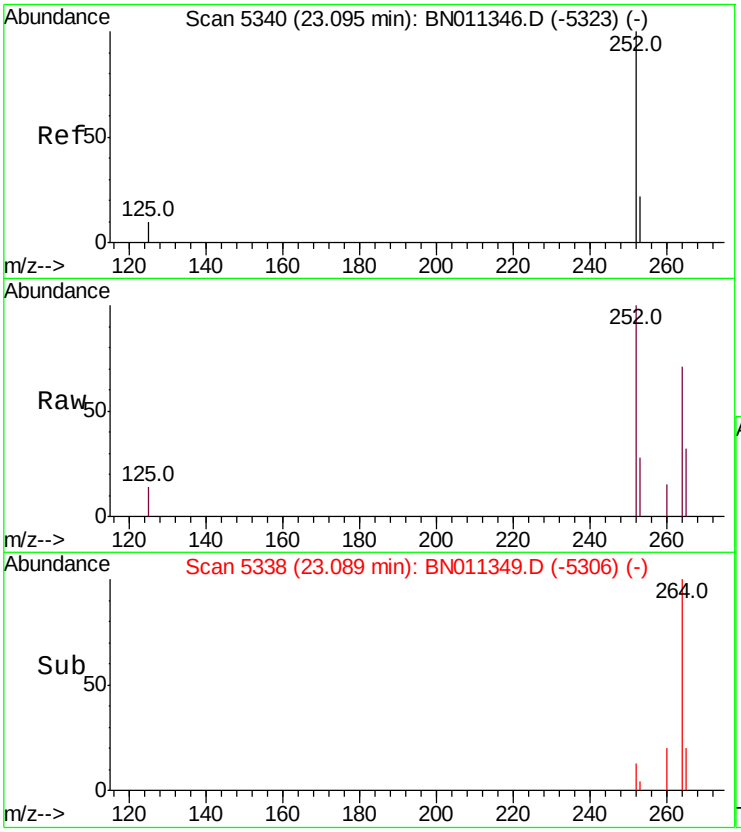




#22
Benzo(k)fluoranthene
Concen: 0.852 ng/ul
RT: 22.55 min Scan# 5155
Delta R.T. -0.05 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

Tgt Ion:252 Resp: 45774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 21.4 | 32.0 |
| 125 | 11.1 | 12.6 | 18.8# |



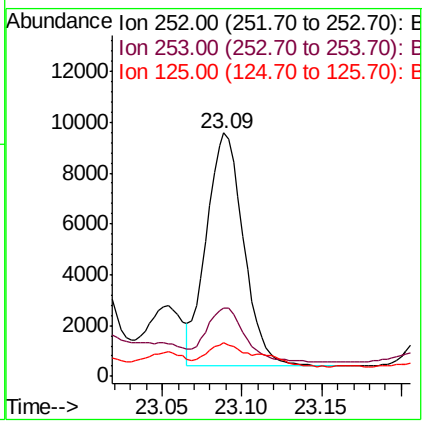


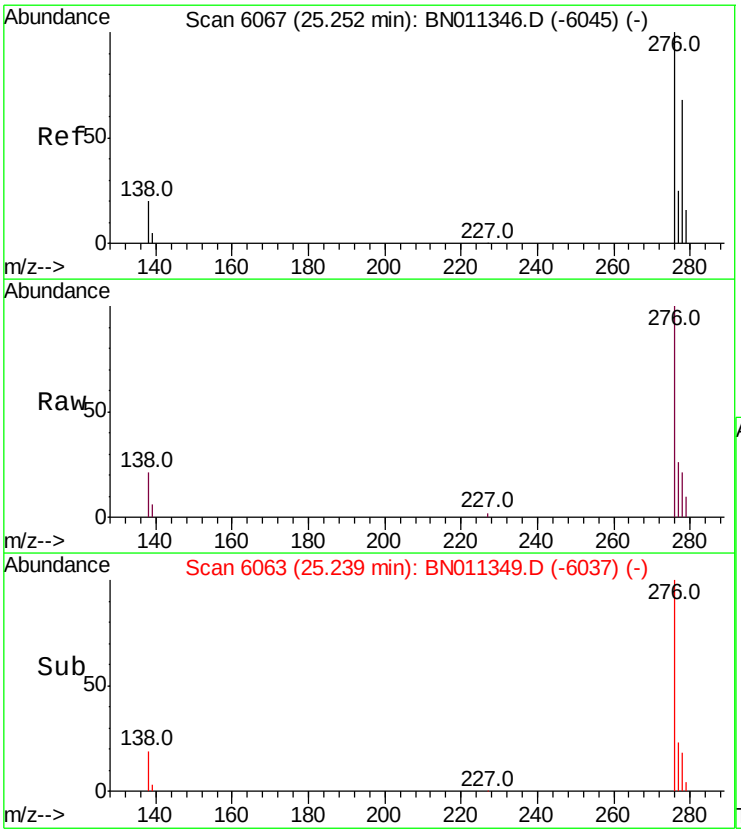

#23
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.09 min Scan# 5338
Delta R.T. -0.01 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

**Instrument :**
BNA_N
**ClientSampleId :**
C0AF8

Tgt Ion:252 Resp: 14770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.0 | 22.6 | 34.0 |
| 125 | 13.7 | 12.6 | 18.8 |

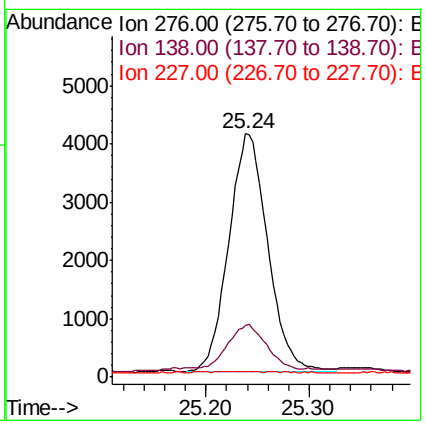


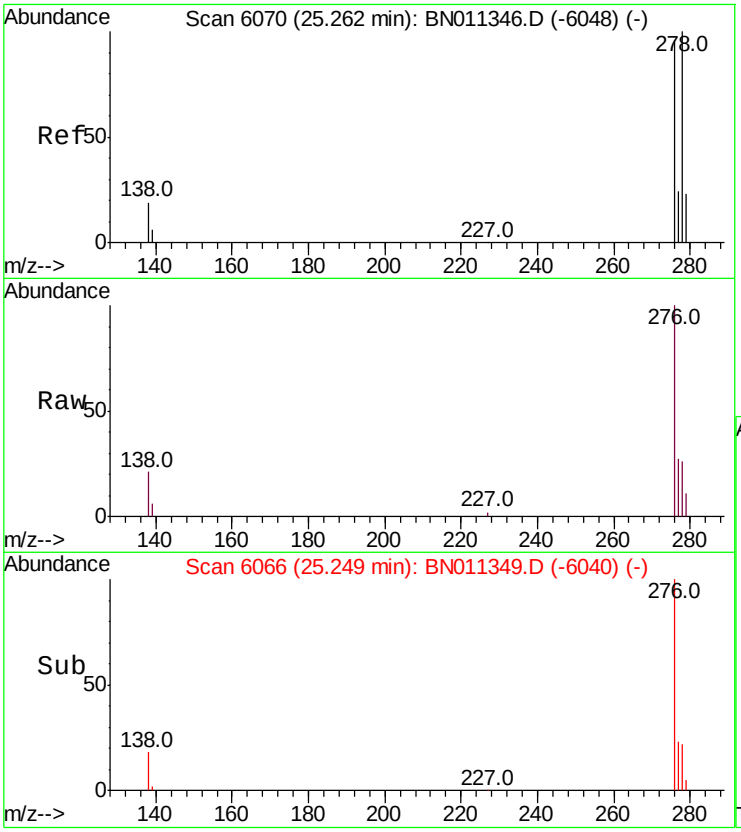




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.244 ng/ul
RT: 25.24 min Scan# 6063
Delta R.T. -0.01 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

Tgt Ion:276 Resp: 10683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.9 | 18.1 | 27.1 |
| 227 | 0.1 | 0.2 | 0.4# |



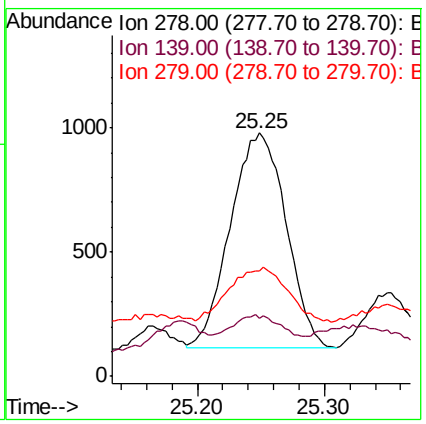


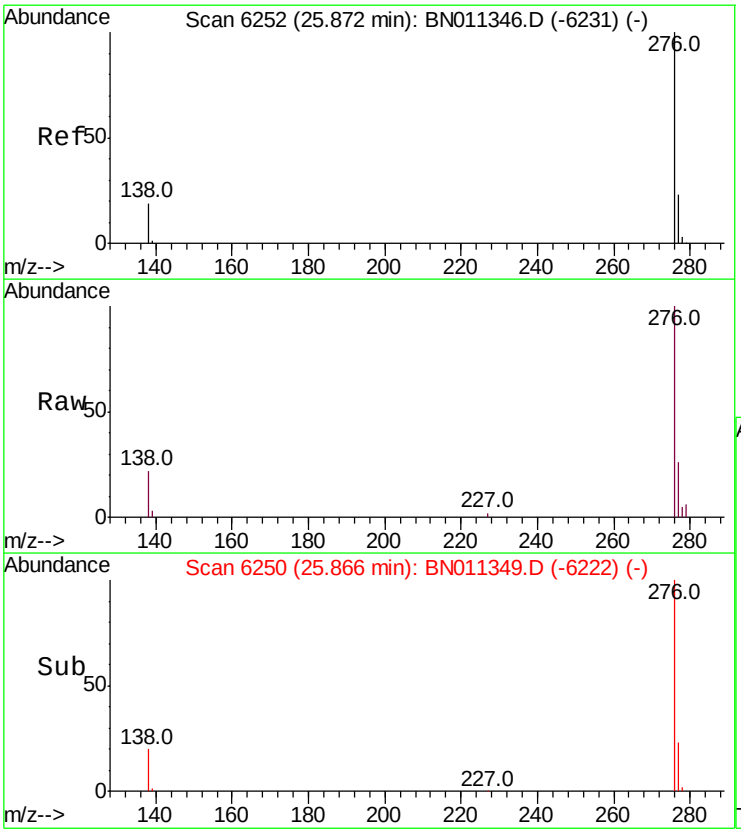

#25
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 25.25 min Scan# 6066
Delta R.T. -0.01 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

**Instrument :**
BNA_N
**ClientSampleId :**
C0AF8

Tgt Ion:278 Resp: 2622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 23.9 | 14.0 | 21.0# |
| 279 | 43.3 | 22.9 | 34.3# |




#26
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 25.87 min Scan# 6250
Delta R.T. -0.01 min
Lab File: BN011349.D
Acq: 04 Aug 2020 02:02

Tgt Ion:276 Resp: 10349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.7 | 16.4 | 24.6 |
| 277 | 25.6 | 20.2 | 30.4 |