Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

Quantitation Report (Not Reviewed)

Data File : BN004062.D
Acq On : 18 Dec 2018 06:44
Operator : JU/SJ
Sample : J6270-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F9E09

Quant Time: Dec 18 08:06:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.84 | 152 | 1752 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.63 | 136 | 8882 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.47 | 164 | 5523 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.31 | 188 | 732654 | 0.40 | ng/ul | 0.10 |
| 16) Chrysene-d12 | 0.00 | 240 | 0 | 0.00 | ng/ul | -21.40 |
| 20) Perylene-d12 | 23.72 | 264 | 16325 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.22 | 152 | 3104 | 0.23 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 0.00 | 212 | 0 | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 7) Acenaphthylene | 14.19 | 152 | 3844 | 0.155 | ng/ul | 95 |
| 21) Benzo(b)fluoranthene | 23.02 | 252 | 35805 | 0.530 | ng/ul | 91 |
| 22) Benzo(k)fluoranthene | 23.02 | 252 | 35779 | 0.544 | ng/ul# | 91 |
| 23) Benzo(a)pyrene | 23.62 | 252 | 12382 | 0.212 | ng/ul# | 85 |
| 24) Indeno(1,2,3-cd)pyrene | 26.08 | 276 | 10926 | 0.163 | ng/ul# | 95 |
| 25) Dibenzo(a,h)anthracene | 26.08 | 278 | 2671 | 0.049 | ng/ul# | 32 |
| 26) Benzo(g,h,i)perylene | 26.82 | 276 | 9533 | 0.164 | ng/ul# | 84 |

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

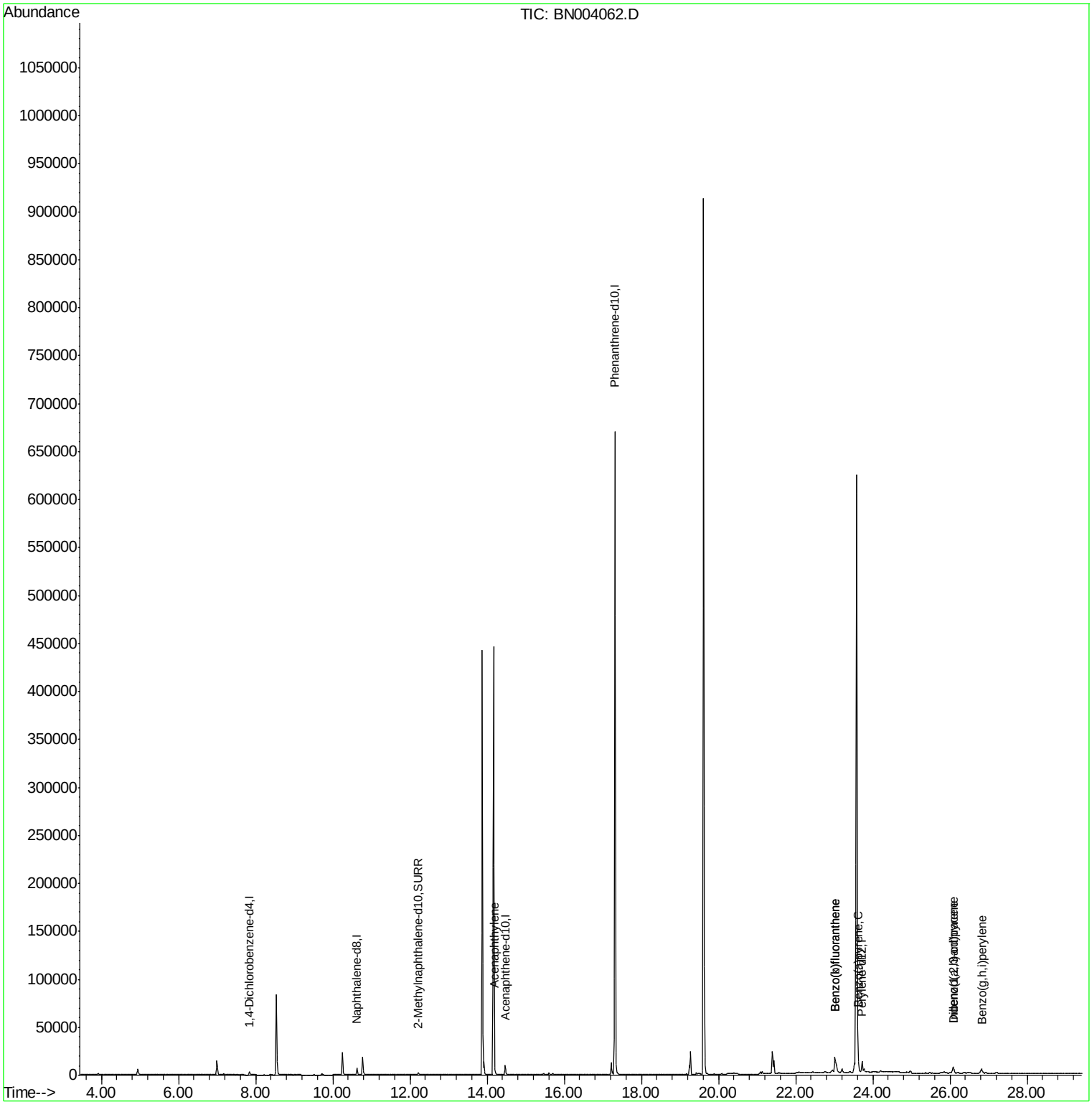
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

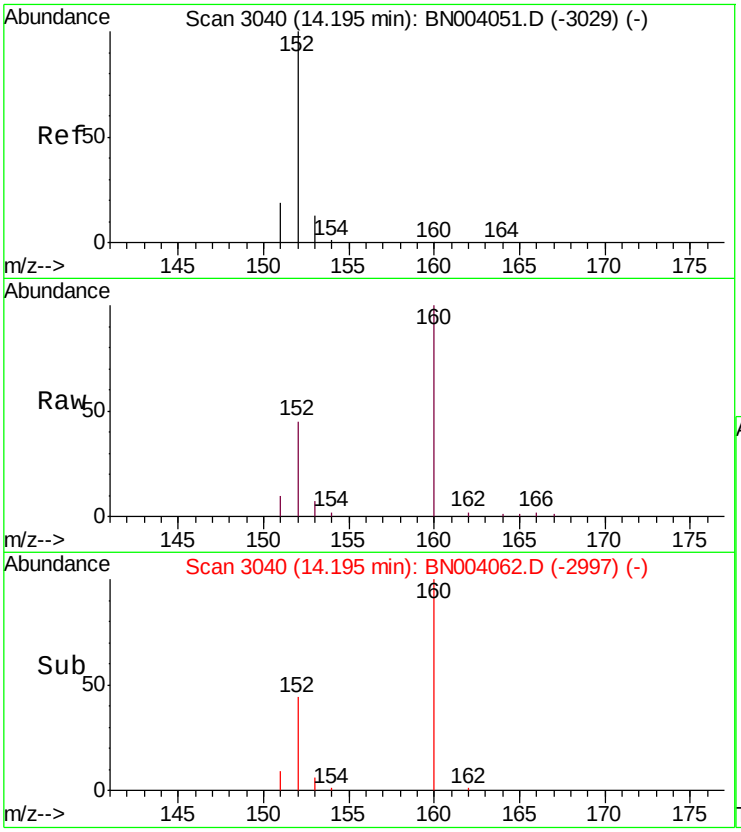
Quantitation Report (Not Reviewed)

Data File : BN004062.D
Acq On : 18 Dec 2018 06:44
Operator : JU/SJ
Sample : J6270-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
F9E09

Quant Time: Dec 18 08:06:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration



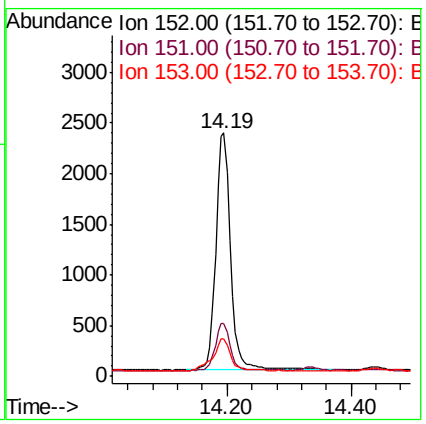


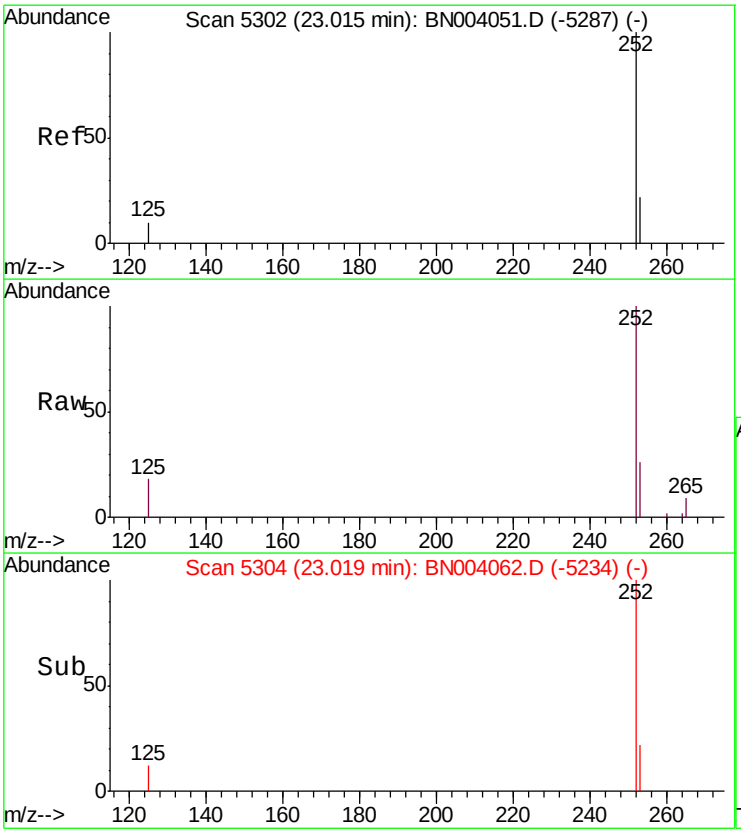

#7
Acenaphthylene
Concen: 0.155 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BN004062.D
Acq: 18 Dec 2018 06:44

**Instrument :**
BNA_N
**ClientSampleId :**
F9E09

Tgt Ion:152 Resp: 3844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.0 | 15.9 | 23.9 |
| 153 | 15.6 | 10.7 | 16.1 |

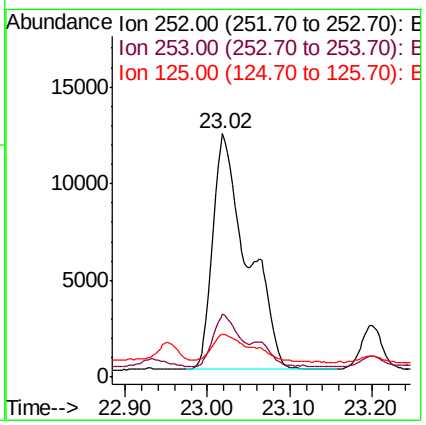


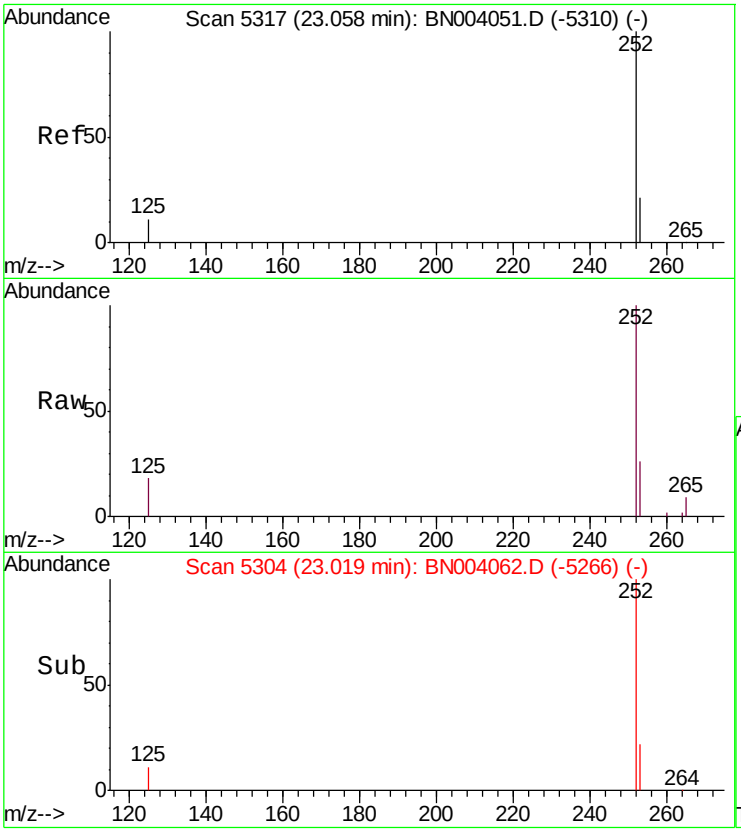




#21
Benzo(b)fluoranthene
Concen: 0.530 ng/ul
RT: 23.02 min Scan# 5304
Delta R.T. 0.00 min
Lab File: BN004062.D
Acq: 18 Dec 2018 06:44

Tgt Ion:252 Resp: 35805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.8 | 0.0 | 46.0 |
| 125 | 17.6 | 0.0 | 22.4 |



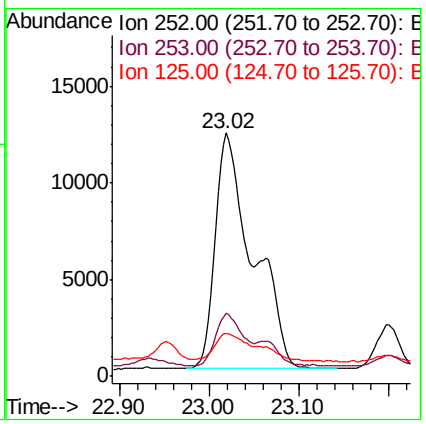


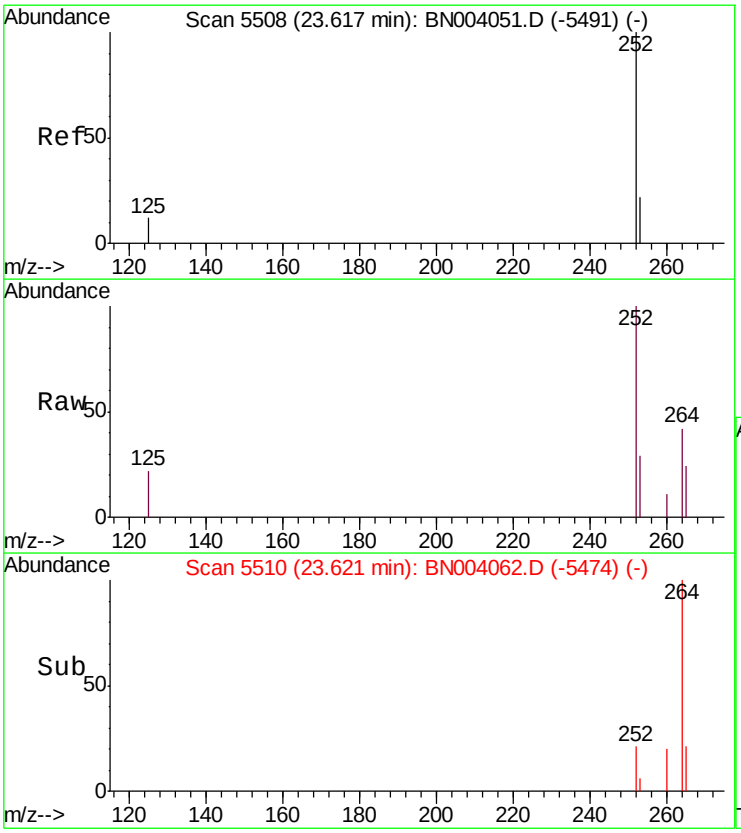

#22
Benzo(k)fluoranthene
Concen: 0.544 ng/ul
RT: 23.02 min Scan# 5304
Delta R.T. -0.04 min
Lab File: BN004062.D
Acq: 18 Dec 2018 06:44

**Instrument :**
BNA_N
**ClientSampleId :**
F9E09

Tgt Ion:252 Resp: 35779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.8 | 18.5 | 27.7 |
| 125 | 17.6 | 9.0 | 13.6# |

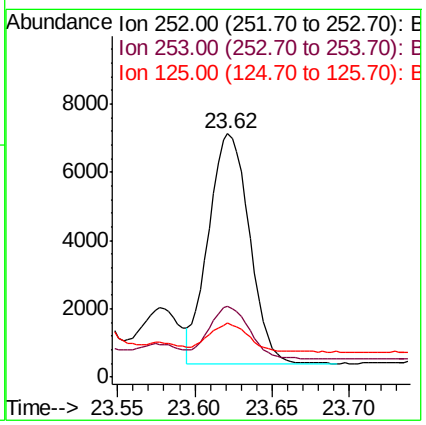


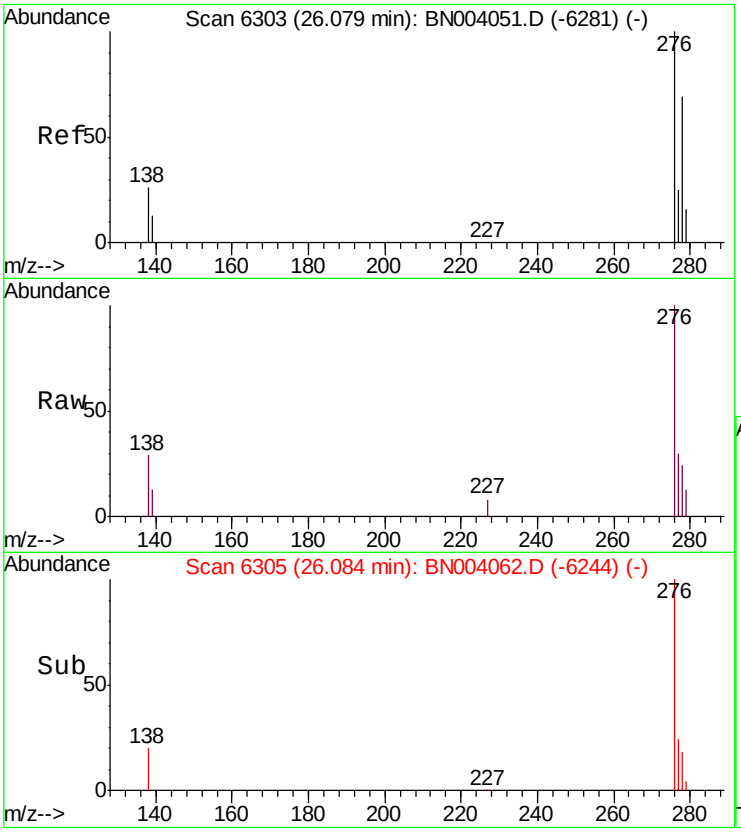




#23
Benzo(a)pyrene
Concen: 0.212 ng/ul
RT: 23.62 min Scan# 5510
Delta R.T. 0.00 min
Lab File: BN004062.D
Acq: 18 Dec 2018 06:44

Tgt Ion:252 Resp: 12382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.9 | 19.0 | 28.4# |
| 125 | 22.1 | 10.2 | 15.4# |



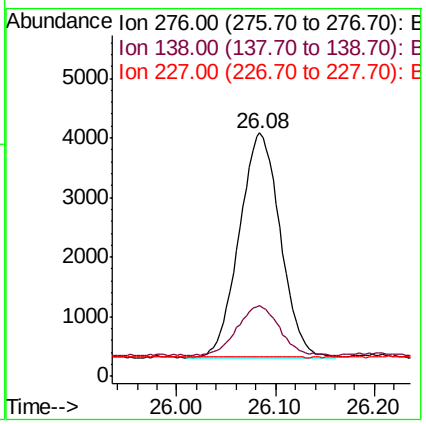


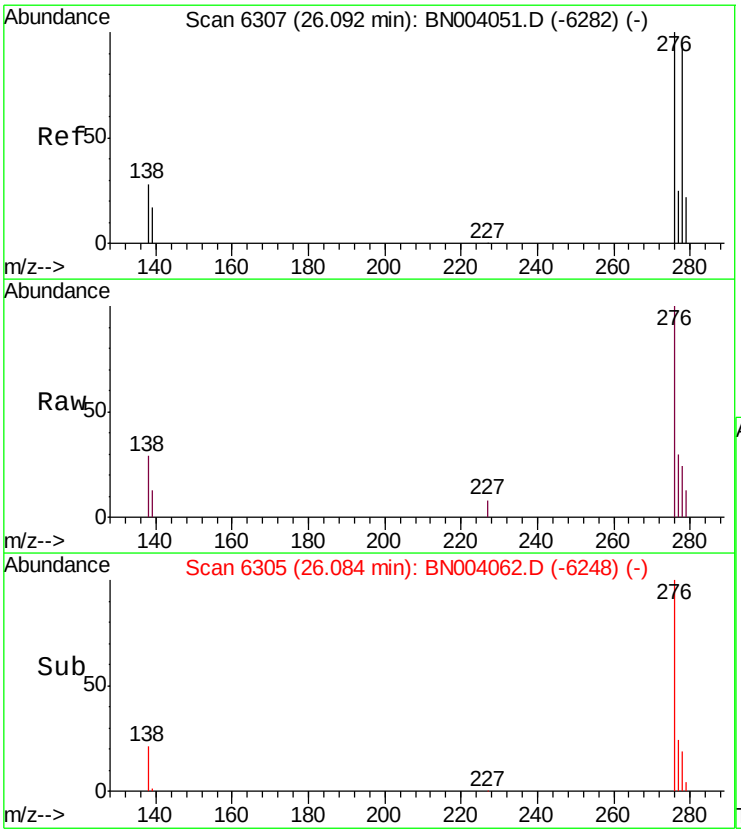

#24
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul
RT: 26.08 min Scan# 6305
Delta R.T. 0.01 min
Lab File: BN004062.D
Acq: 18 Dec 2018 06:44

**Instrument :**
BNA_N
**ClientSampleId :**
F9E09

Tgt Ion:276 Resp: 10926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.8 | 20.3 | 30.5 |
| 227 | 0.1 | 0.2 | 0.2# |

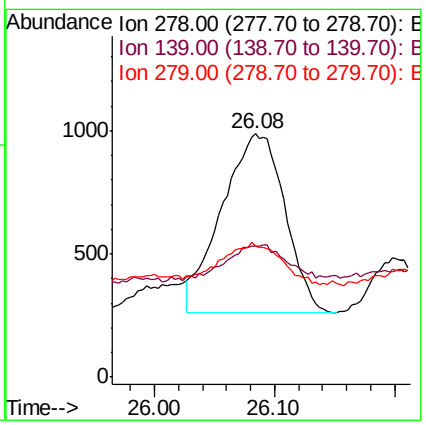


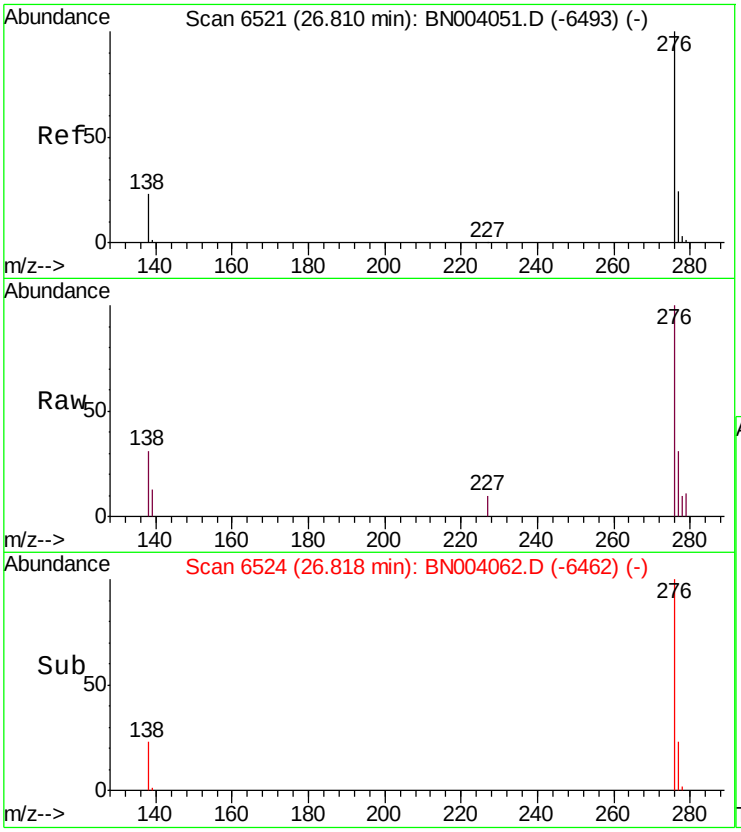




#25
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.08 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004062.D
Acq: 18 Dec 2018 06:44

Tgt Ion:278 Resp: 2671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 53.5 | 14.2 | 21.4# |
| 279 | 53.5 | 19.8 | 29.6# |






#26
Benzo(g,h,i)perylene
Concen: 0.164 ng/ul
RT: 26.82 min Scan# 6524
Delta R.T. 0.01 min
Lab File: BN004062.D
Acq: 18 Dec 2018 06:44

**Instrument :**
BNA_N
**ClientSampleId :**
F9E09

Tgt Ion:276 Resp: 9533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 31.1 | 17.7 | 26.5# |
| 277 | 30.6 | 19.3 | 28.9# |