Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000912.D
Acq On : 26 Apr 2018 03:21
Operator : JU/SJ
Sample : J2444-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 26 08:37:27 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 132264 | 20.00 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.39 | 136 | 567604 | 20.00 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.25 | 164 | 282401 | 20.00 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.00 | 188 | 547718 | 20.00 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.20 | 240 | 497320 | 20.00 | ng/ul | 0.00 |
| 22) Perylene-d12 | 23.40 | 264 | 529448 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 7) Acenaphthylene-d8 | 13.94 | 160 | 642944 | 23.71 | ng/ul | 0.00 |
| 10) Fluorene-d10 | 15.25 | 176 | 442650 | 24.45 | ng/ul | 0.00 |
| 14) Anthracene-d10 | 17.10 | 188 | 632391 | 25.25 | ng/ul | 0.00 |
| 18) Pyrene-d10 | 19.40 | 212 | 640413 | 25.13 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 23.26 | 264 | 671698 | 26.86 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 13) Phenanthrene | 17.04 | 178 | 151301 | 5.065 | ng/ul | 99 |
| 16) Fluoranthene | 19.06 | 202 | 316683 | 10.449 | ng/ul# | 93 |
| 19) Pyrene | 19.43 | 202 | 287803 | 9.010 | ng/ul# | 92 |
| 20) Benzo(a)anthracene | 21.19 | 228 | 137342 | 4.620 | ng/ul | 93 |
| 21) Chrysene | 21.24 | 228 | 146993 | 5.261 | ng/ul | 96 |
| 23) Benzo(b)fluoranthene | 22.75 | 252 | 283007 | 9.406 | ng/ul# | 92 |
| 24) Benzo(k)fluoranthene | 22.75 | 252 | 282852 | 9.607 | ng/ul# | 92 |
| 26) Benzo(a)pyrene | 23.30 | 252 | 144055 | 5.010 | ng/ul# | 90 |
| 27) Indeno(1,2,3-cd)pyrene | 25.57 | 276 | 114809 | 3.306 | ng/ul# | 85 |
| 28) Dibenzo(a,h)anthracene | 25.59 | 278 | 30445 | 1.052 | ng/ul# | 59 |
| 29) Benzo(g,h,i)perylene | 26.24 | 276 | 158911 | 5.471 | ng/ul# | 90 |

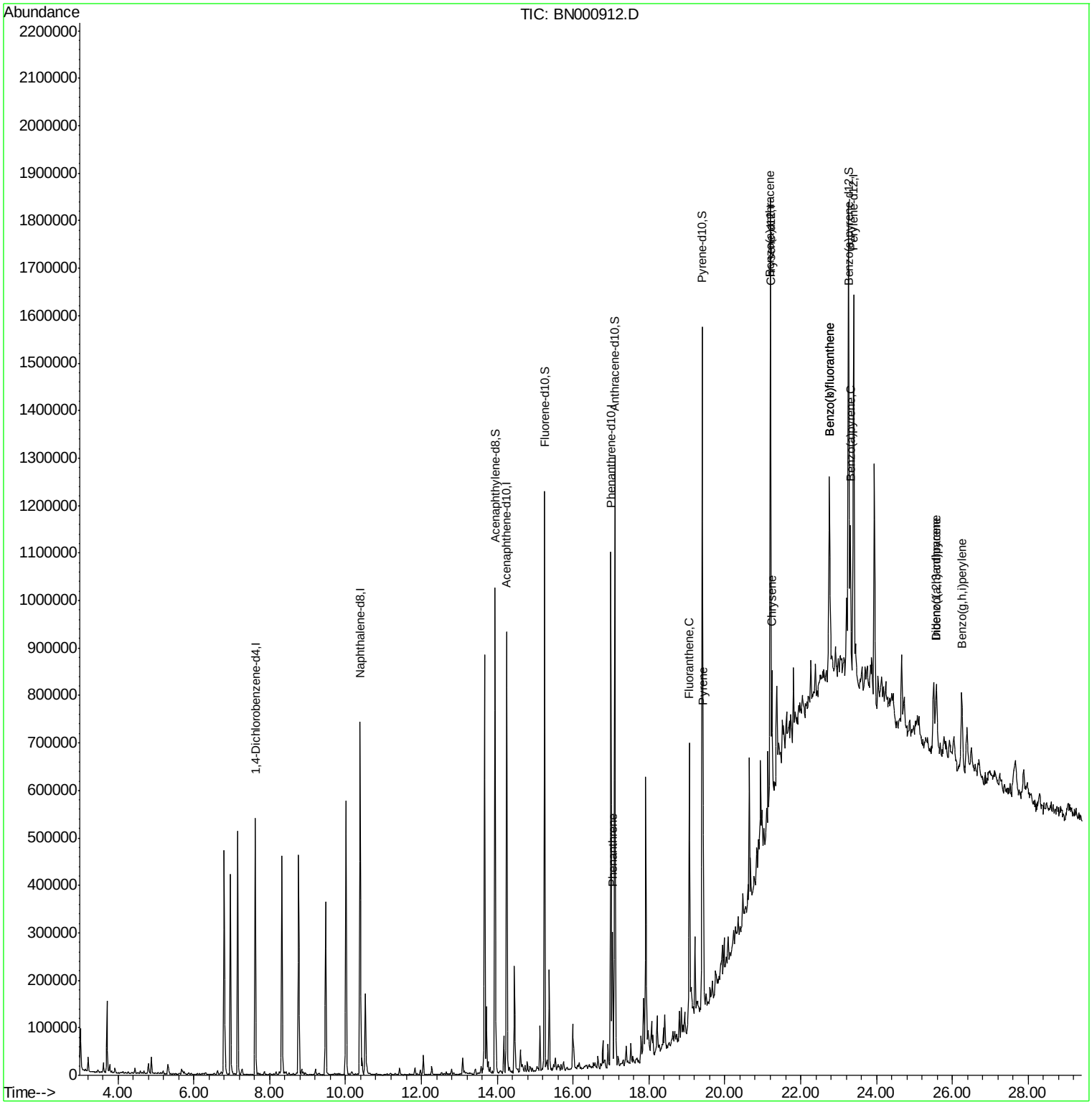
(#) = qualifier out of range (m) = manual integration (+) = signals summed

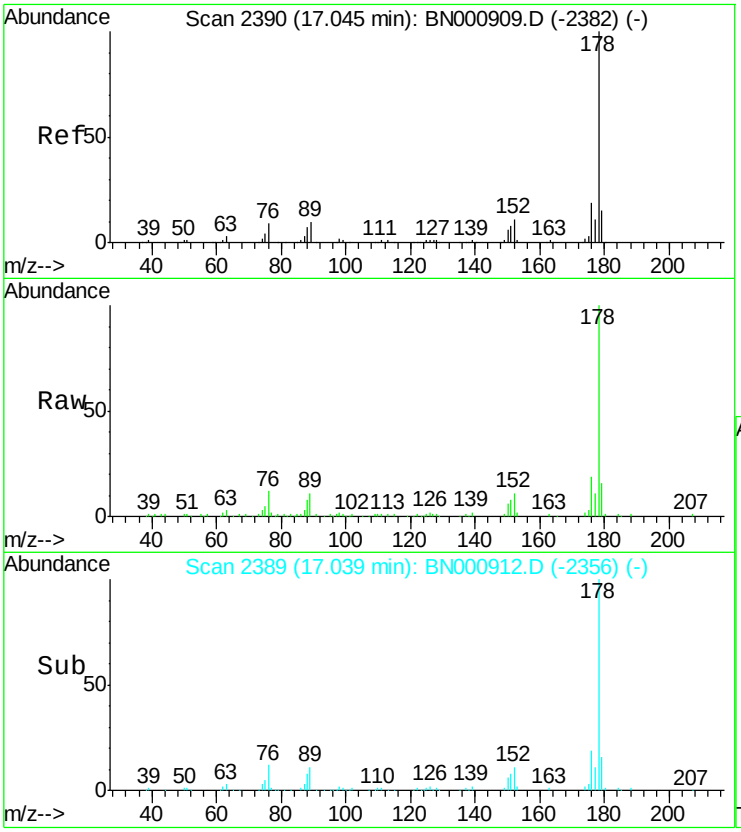
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000912.D
Acq On : 26 Apr 2018 03:21
Operator : JU/SJ
Sample : J2444-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 26 08:37:27 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



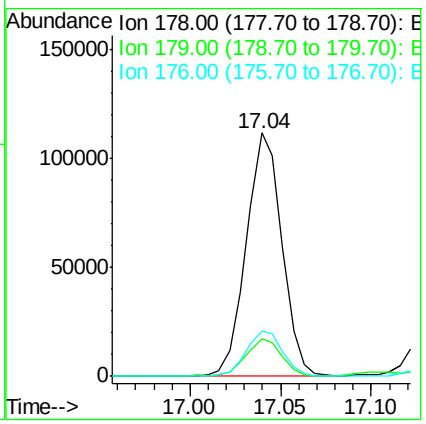


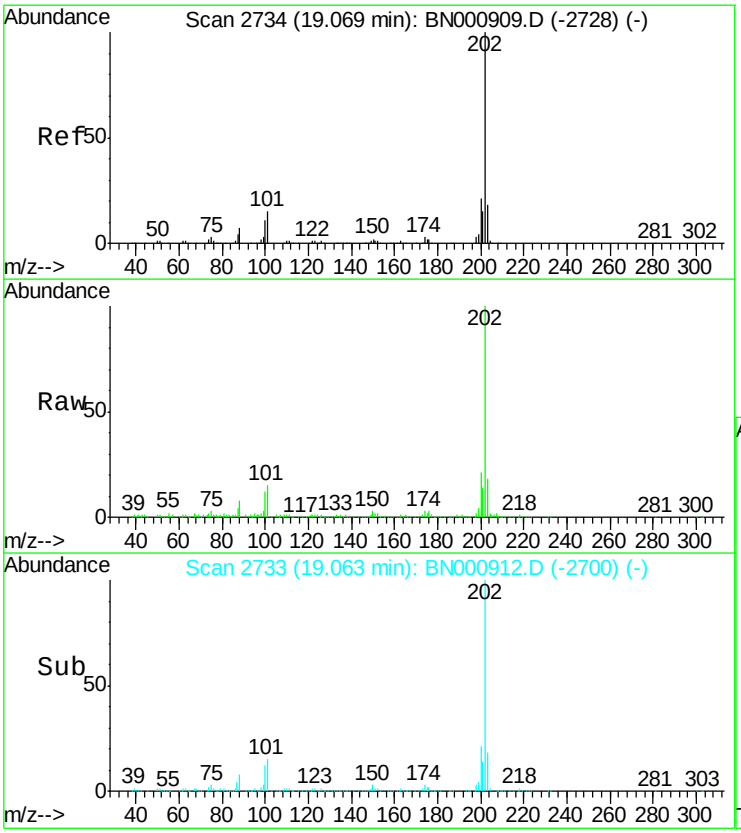

#13
Phenanthrene
Concen: 5.065 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

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

Tgt Ion:178 Resp: 151301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.6 | 12.3 | 18.5 |
| 176 | 18.5 | 15.1 | 22.7 |

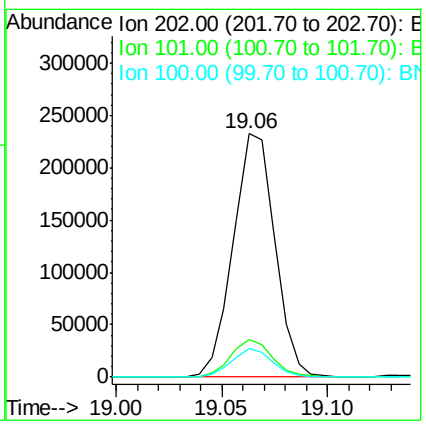


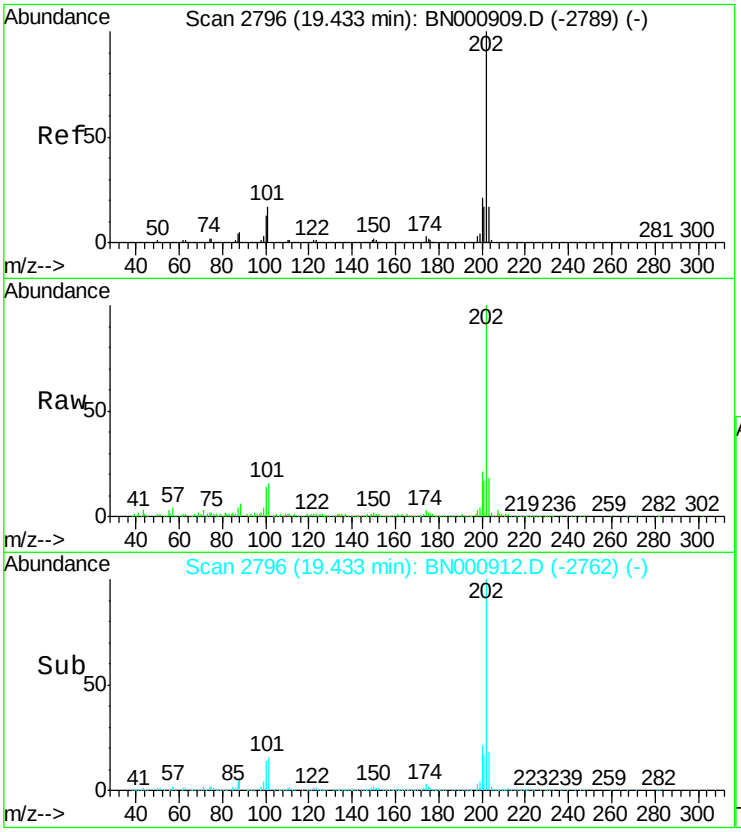




#16
Fluoranthene
Concen: 10.449 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

Tgt Ion:202 Resp: 316683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.3 | 9.9 | 14.9# |
| 100 | 11.9 | 7.4 | 11.0# |



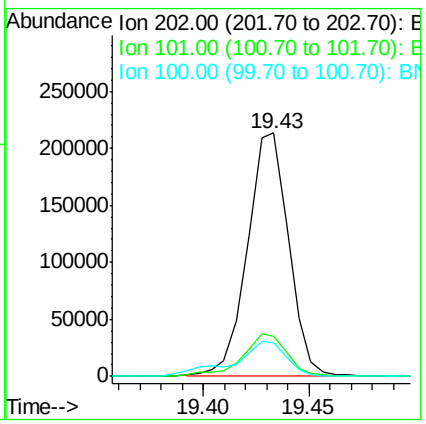


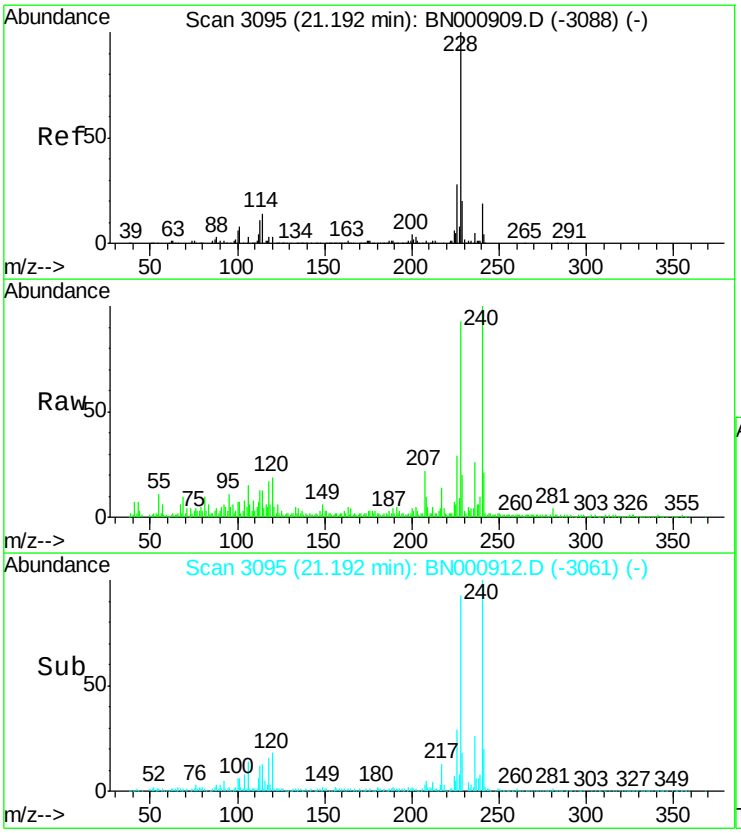

#19
Pyrene
Concen: 9.010 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

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

Tgt Ion:202 Resp: 287803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.3 | 11.0 | 16.4 |
| 100 | 13.7 | 8.1 | 12.1# |

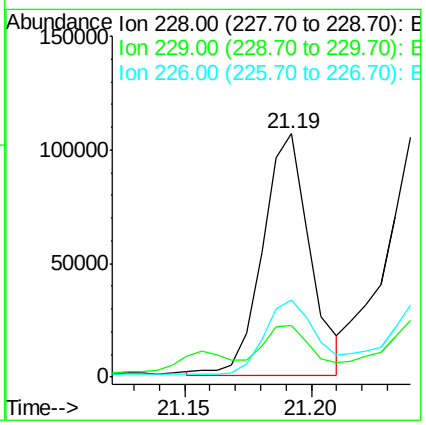


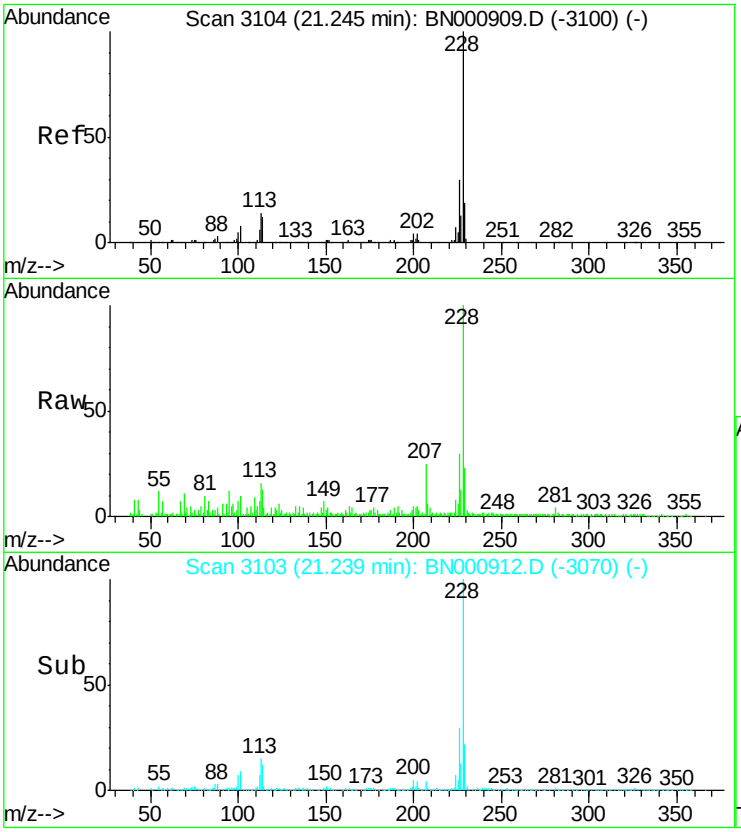




#20
Benzo(a)anthracene
Concen: 4.620 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

Tgt Ion:228 Resp: 137342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.1 | 15.7 | 23.5 |
| 226 | 31.5 | 21.1 | 31.7 |



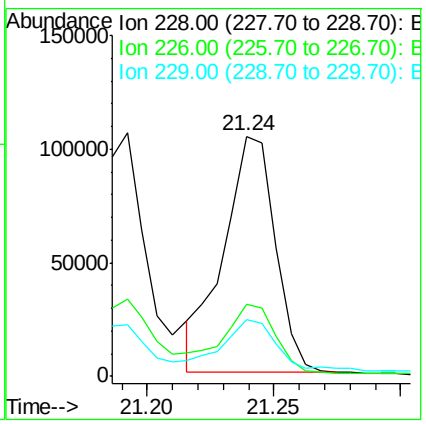


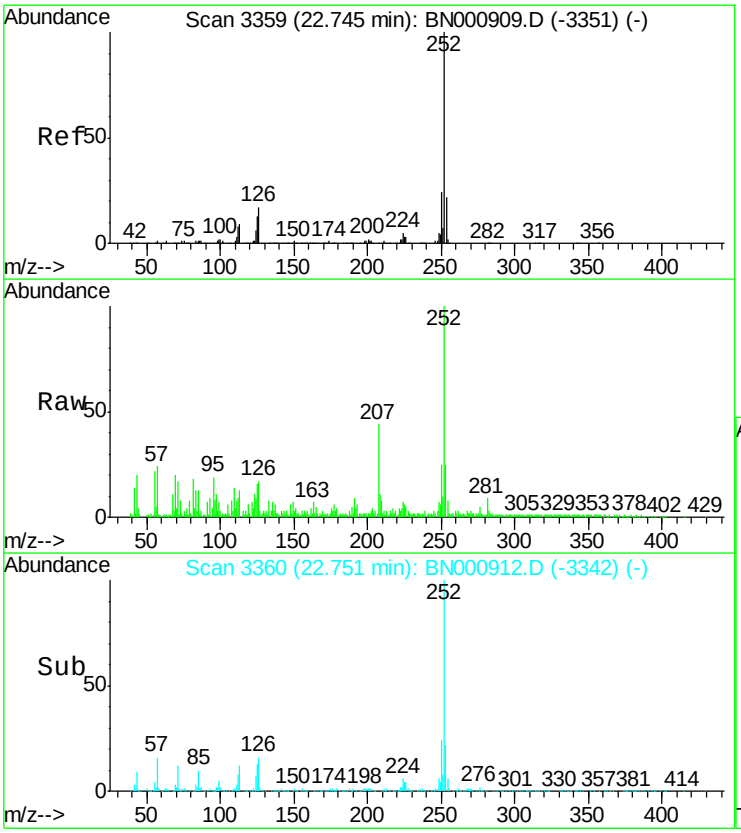

#21
Chrysene
Concen: 5.261 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

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

Tgt Ion:228 Resp: 146993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.5 | 36.7 |
| 229 | 23.5 | 15.8 | 23.8 |

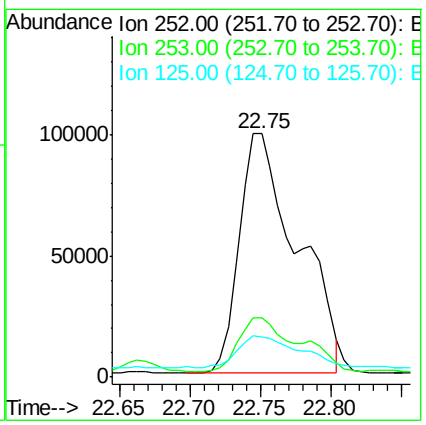


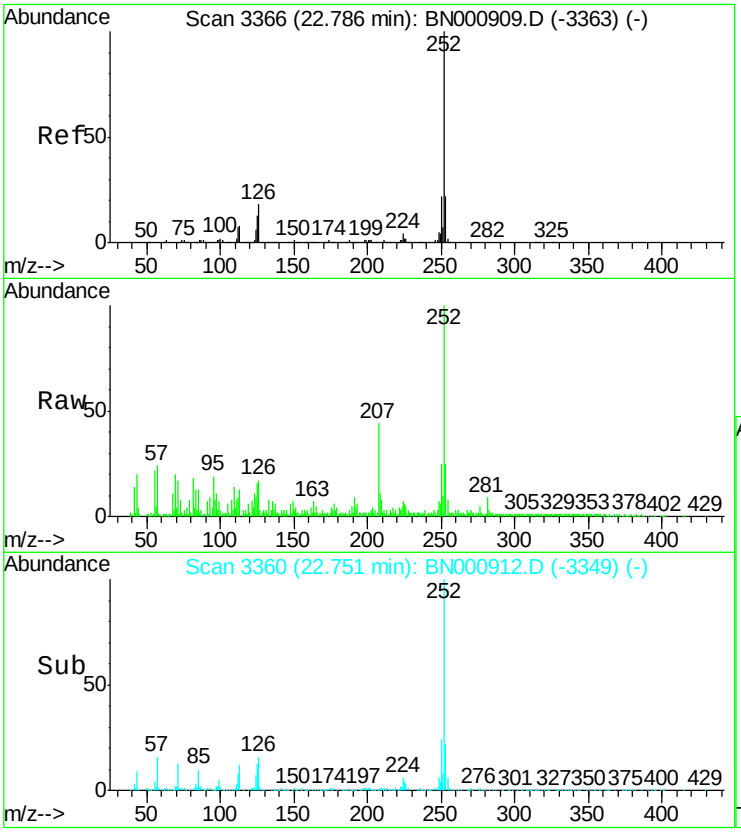




#23
Benzo(b)fluoranthene
Concen: 9.406 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

Tgt Ion:252 Resp: 283007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 18.0 | 27.0 |
| 125 | 16.3 | 8.0 | 12.0# |



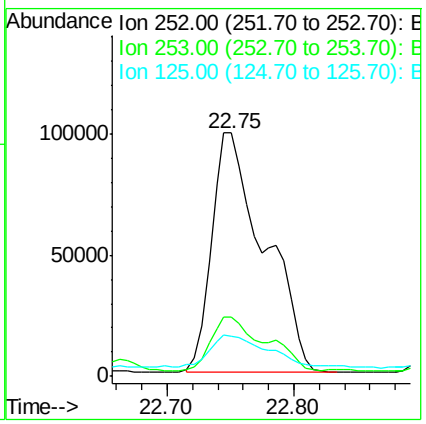


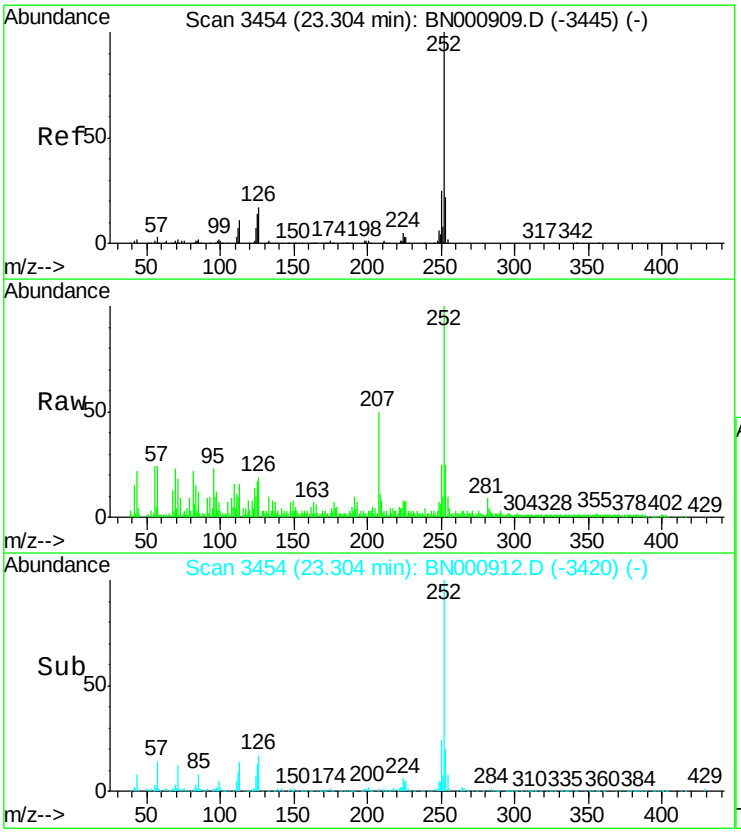

#24
Benzo(k)fluoranthene
Concen: 9.607 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

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

Tgt Ion:252 Resp: 282852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 18.0 | 27.0 |
| 125 | 16.3 | 8.1 | 12.1# |

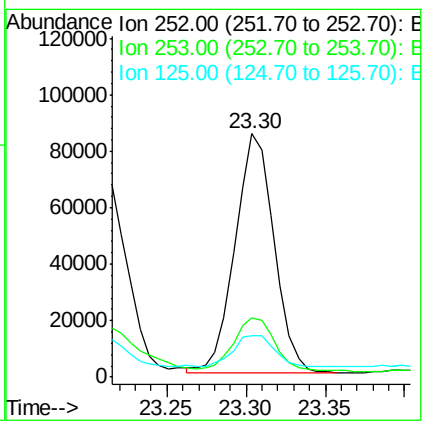


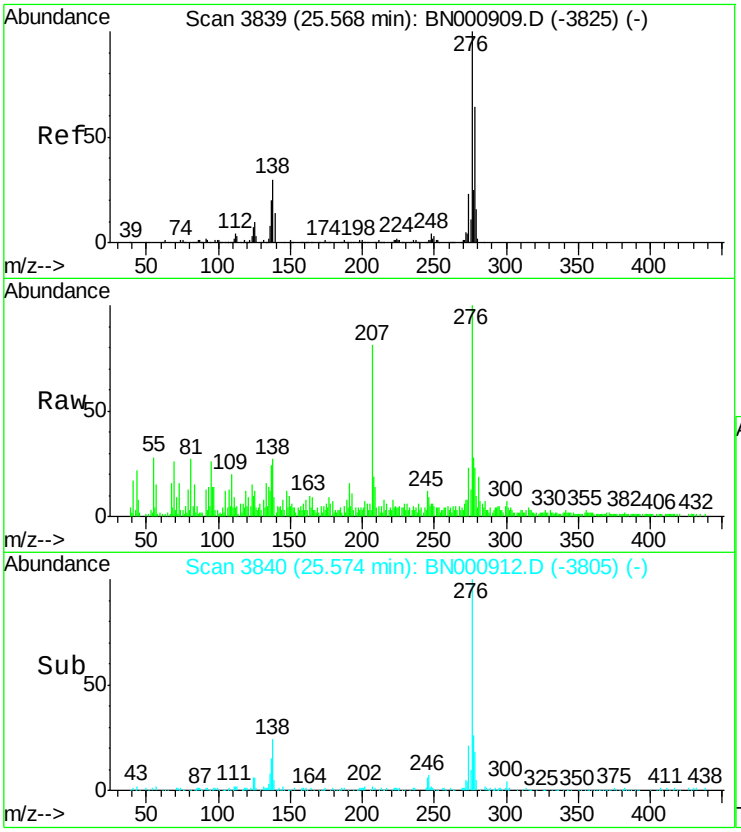




#26
Benzo(a)pyrene
Concen: 5.010 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.00 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

Tgt Ion:252 Resp: 144055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.6 | 17.2 | 25.8 |
| 125 | 16.8 | 8.2 | 12.4# |



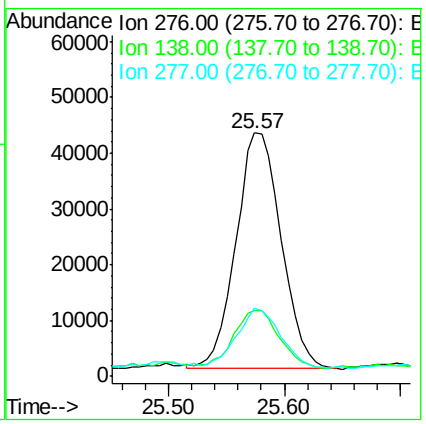


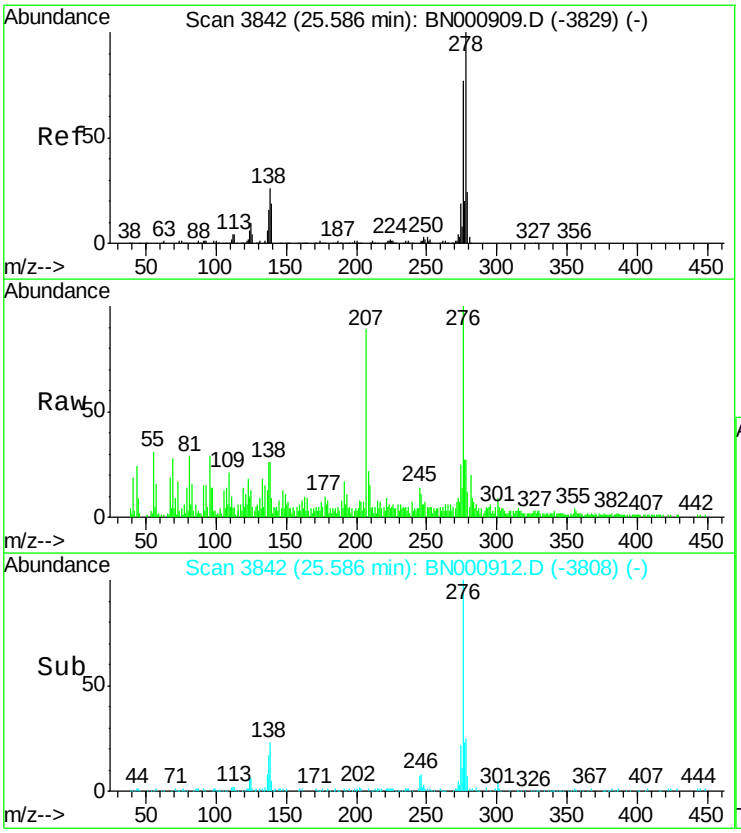

#27
Indeno(1,2,3-cd)pyrene
Concen: 3.306 ng/ul
RT: 25.57 min Scan# 3840
Delta R.T. 0.01 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

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

Tgt Ion:276 Resp: 114809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.0 | 14.4 | 21.6# |
| 277 | 27.9 | 18.0 | 27.0# |

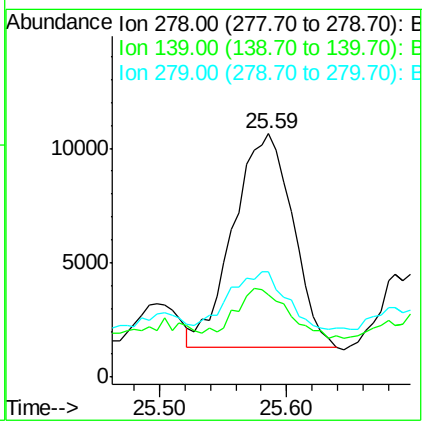


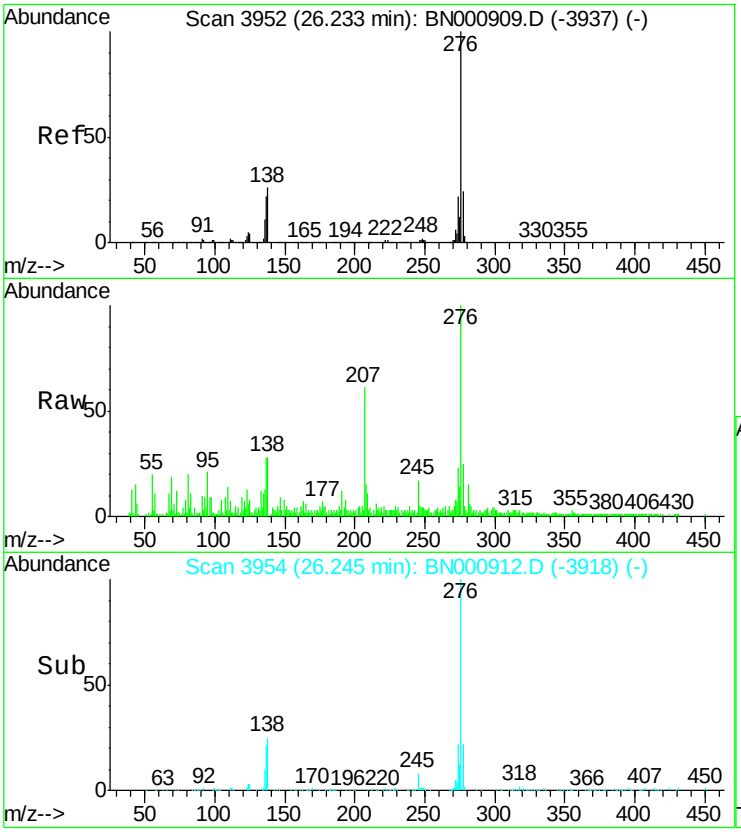




#28
Dibenzo(a,h)anthracene
Concen: 1.052 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.00 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

Tgt Ion:278 Resp: 30445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 33.6 | 12.2 | 18.4# |
| 279 | 43.4 | 19.2 | 28.8# |






#29
Benzo(g,h,i)perylene
Concen: 5.471 ng/ul
RT: 26.24 min Scan# 3954
Delta R.T. 0.01 min
Lab File: BN000912.D
Acq: 26 Apr 2018 03:21

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

Tgt Ion:276 Resp: 158911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.7 | 15.3 | 22.9# |
| 277 | 25.1 | 19.0 | 28.4 |