Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000359.D
Acq On : 13 Mar 2018 21:01
Operator : JU/SJ
Sample : J1845-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DAM94

Quant Time: Mar 14 08:14:32 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.45 | 152 | 195521 | 20.00 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.29 | 136 | 933303 | 20.00 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 15.06 | 164 | 534529 | 20.00 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.79 | 188 | 1225484 | 20.00 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.90 | 240 | 1200383 | 20.00 | ng/ul | 0.00 |
| 22) Perylene-d12 | 24.39 | 264 | 1113657 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 7) Acenaphthylene-d8 | 14.76 | 160 | 1669224 | 31.46 | ng/ul | 0.00 |
| 10) Fluorene-d10 | 16.05 | 176 | 1108448 | 30.85 | ng/ul | 0.00 |
| 14) Anthracene-d10 | 17.88 | 188 | 1816873 | 31.73 | ng/ul | 0.00 |
| 18) Pyrene-d10 | 20.13 | 212 | 2012184 | 34.26 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.23 | 264 | 1619253 | 31.84 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 13) Phenanthrene | 17.83 | 178 | 298697 | 4.250 | ng/ul | 99 |
| 15) Anthracene | 17.92 | 178 | 75084 | 1.053 | ng/ul | 97 |
| 16) Fluoranthene | 19.80 | 202 | 572309 | 7.537 | ng/ul# | 93 |
| 19) Pyrene | 20.16 | 202 | 486369 | 6.418 | ng/ul# | 88 |
| 20) Benzo(a)anthracene | 21.89 | 228 | 248528 | 3.330 | ng/ul | 98 |
| 21) Chrysene | 21.94 | 228 | 247358 | 3.493 | ng/ul | 97 |
| 23) Benzo(b)fluoranthene | 23.63 | 252 | 340046 | 5.121 | ng/ul# | 94 |
| 24) Benzo(k)fluoranthene | 23.63 | 252 | 419106 | 6.742 | ng/ul# | 94 |
| 26) Benzo(a)pyrene | 24.28 | 252 | 209820 | 3.320 | ng/ul# | 90 |
| 27) Indeno(1,2,3-cd)pyrene | 26.95 | 276 | 141272 | 2.073 | ng/ul# | 86 |
| 29) Benzo(g,h,i)perylene | 27.74 | 276 | 149095 | 2.620 | ng/ul# | 86 |

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

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Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
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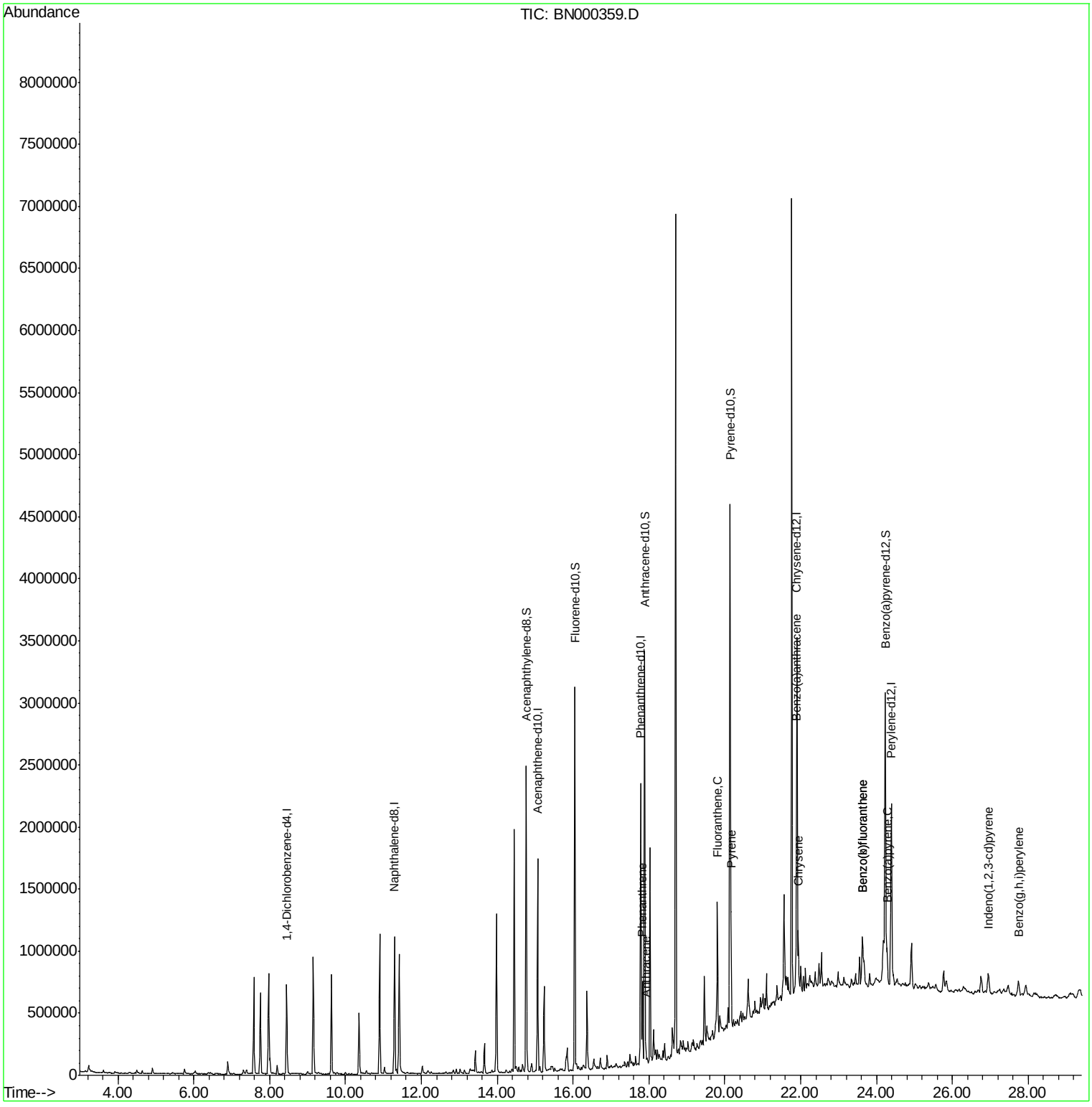
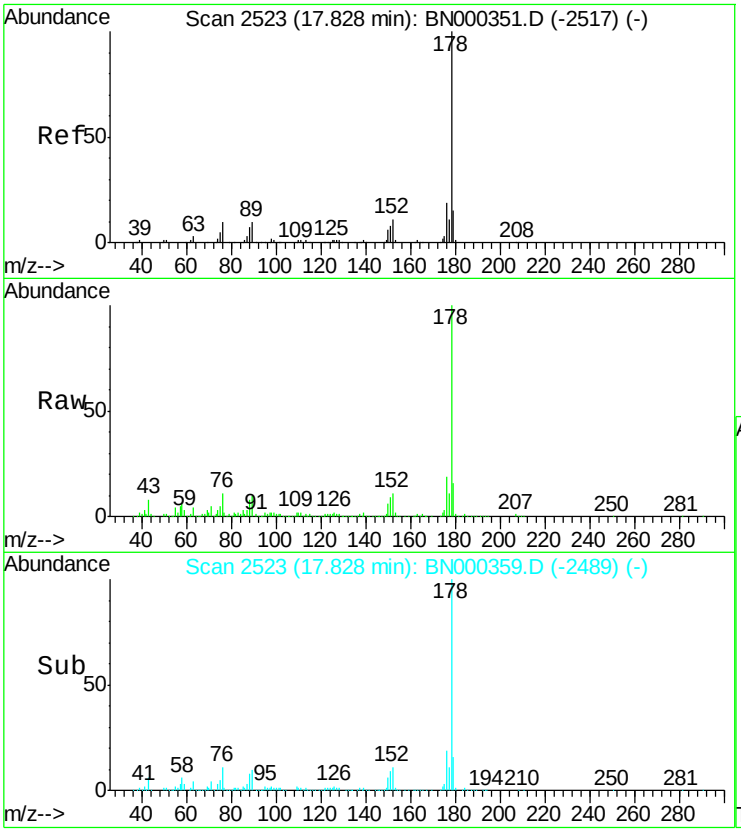
Acq On : 13 Mar 2018 21:01
Operator : JU/SJ
Sample : J1845-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DAM94

Quant Time: Mar 14 08:14:32 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration



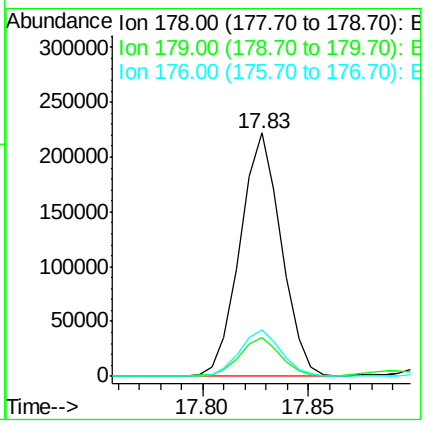


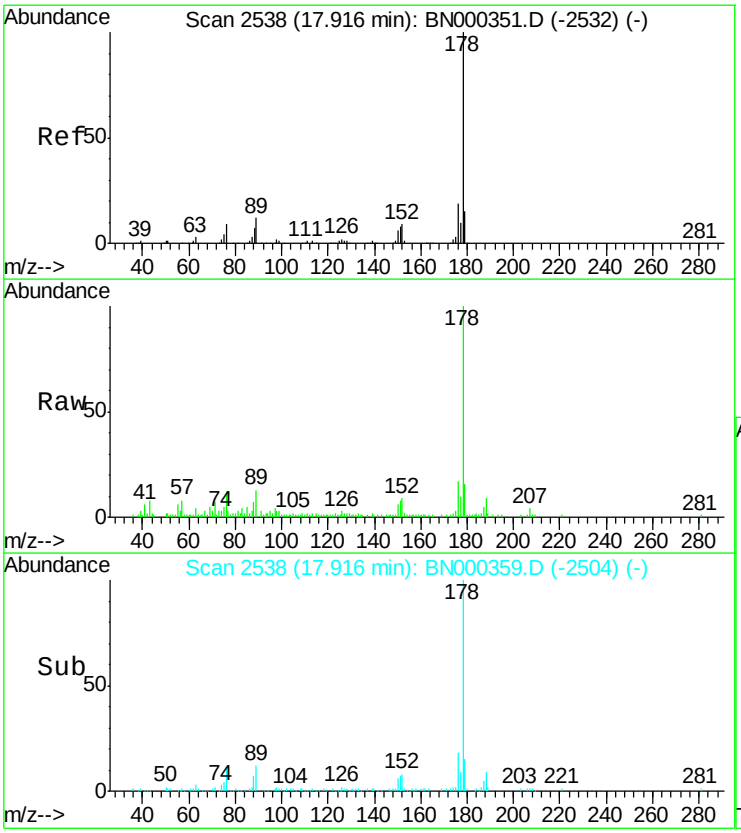

#13
Phenanthrene
Concen: 4.250 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

**Instrument :**
BNA_N
**ClientSampleId :**
DAM94

Tgt Ion:178 Resp: 298697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.0 | 12.3 | 18.5 |
| 176 | 19.3 | 15.1 | 22.7 |

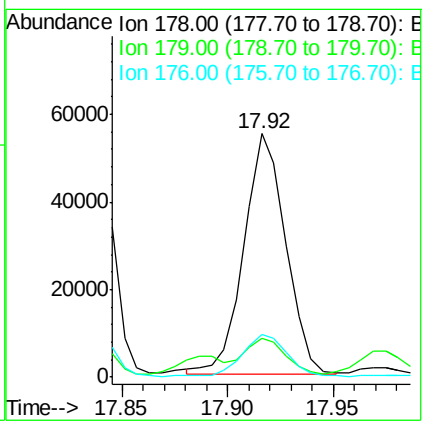


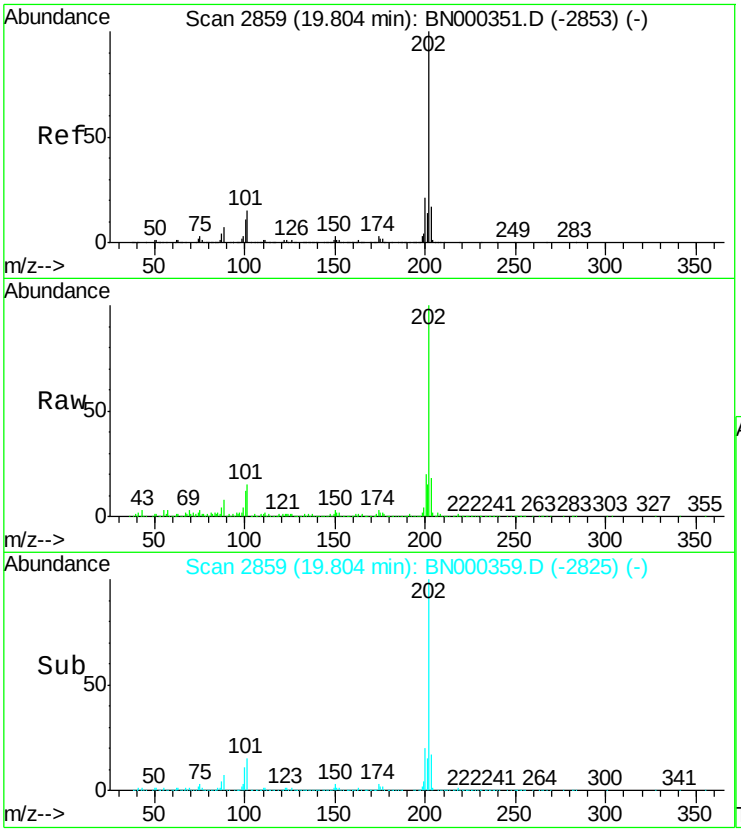




#15
Anthracene
Concen: 1.053 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Tgt Ion:178 Resp: 75084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.8 | 11.8 | 17.8 |
| 176 | 17.5 | 15.2 | 22.8 |



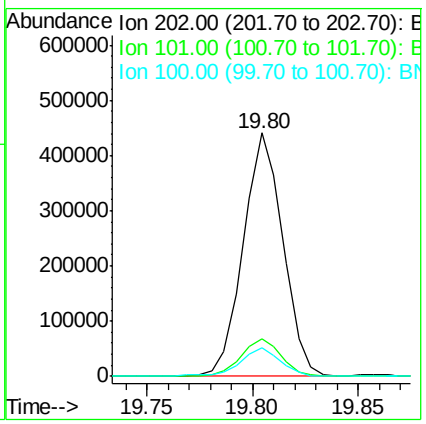


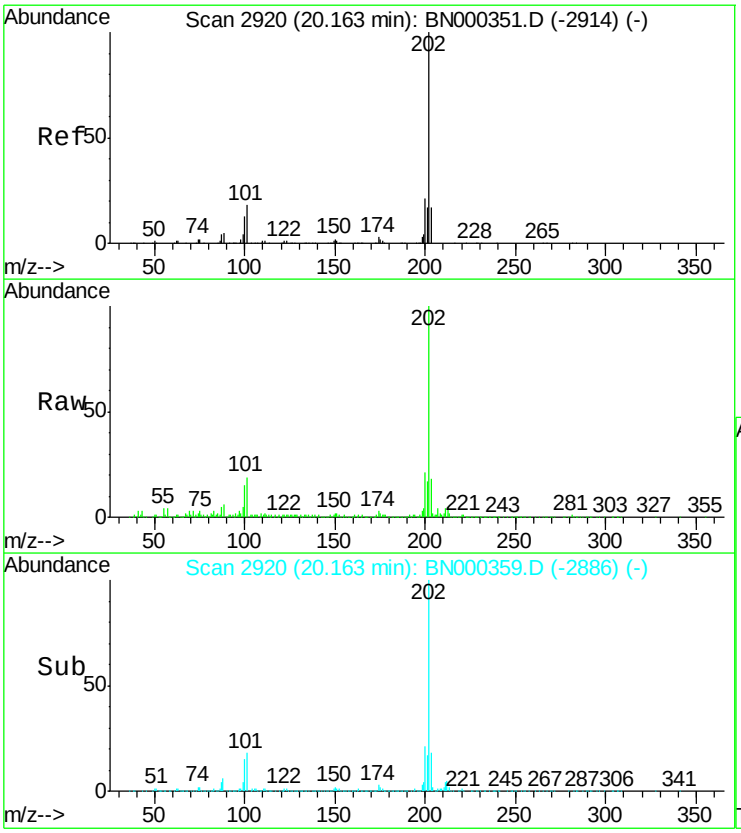

#16
Fluoranthene
Concen: 7.537 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

**Instrument :**
BNA_N
**ClientSampleId :**
DAM94

Tgt Ion:202 Resp: 572309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.4 | 9.9 | 14.9# |
| 100 | 11.5 | 7.4 | 11.0# |

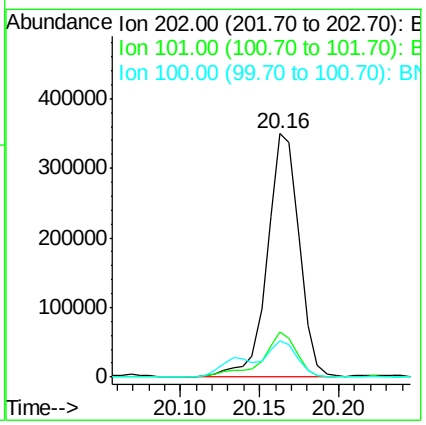


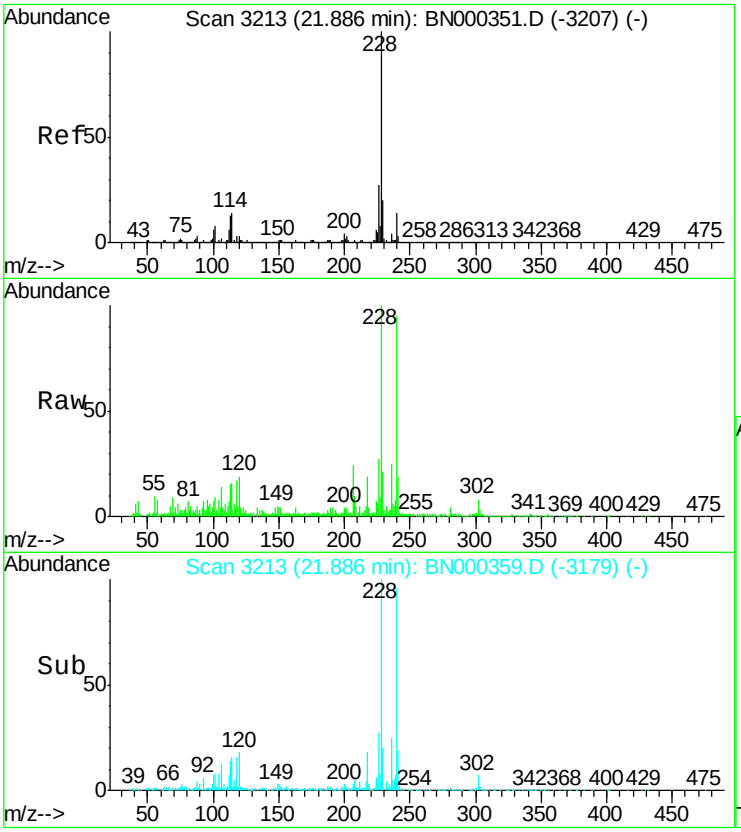




#19
Pyrene
Concen: 6.418 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Tgt Ion:202 Resp: 486369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 18.5 | 11.0 | 16.4# |
| 100 | 15.0 | 8.1 | 12.1# |



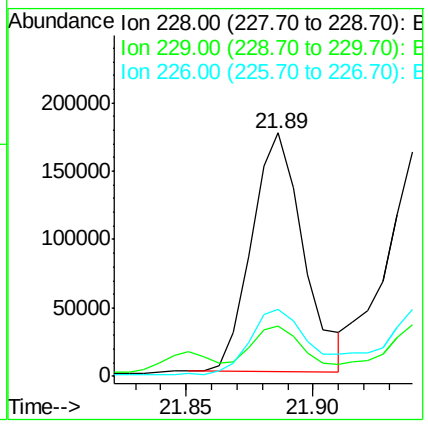


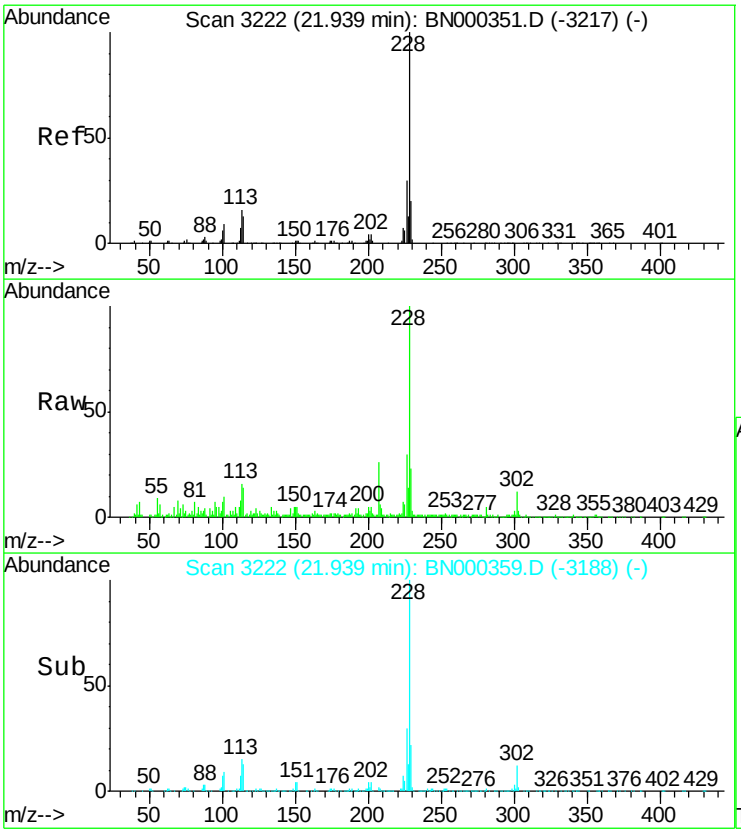

#20
Benzo(a)anthracene
Concen: 3.330 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

**Instrument :**
BNA_N
**ClientSampleId :**
DAM94

Tgt Ion:228 Resp: 248528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.8 | 15.7 | 23.5 |
| 226 | 27.3 | 21.1 | 31.7 |

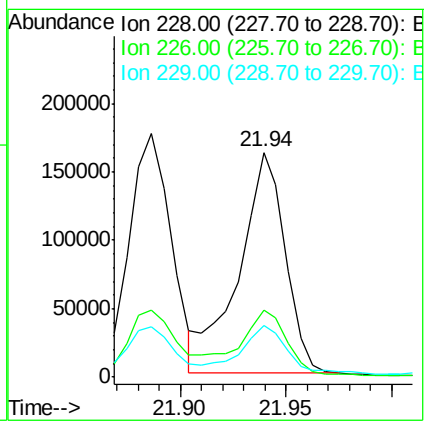


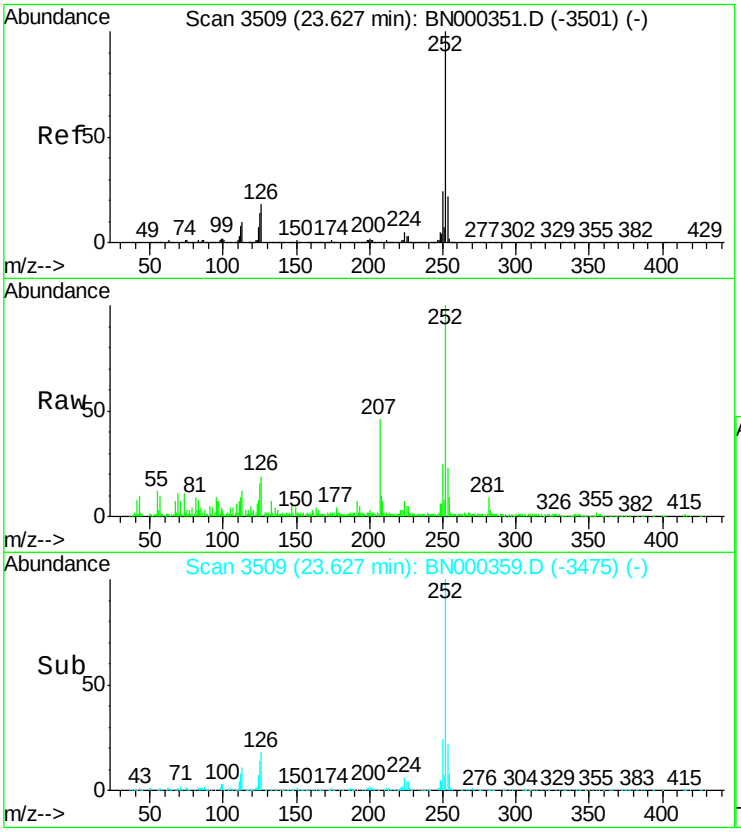




#21
Chrysene
Concen: 3.493 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Tgt Ion:228 Resp: 247358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.5 | 36.7 |
| 229 | 23.1 | 15.8 | 23.8 |



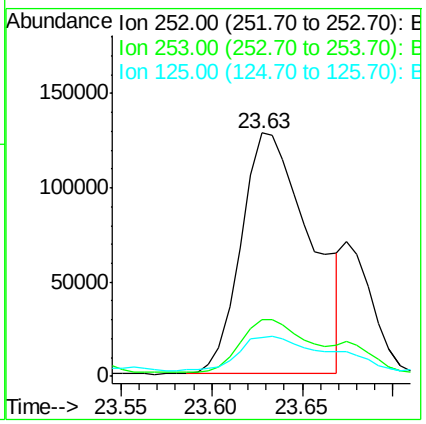


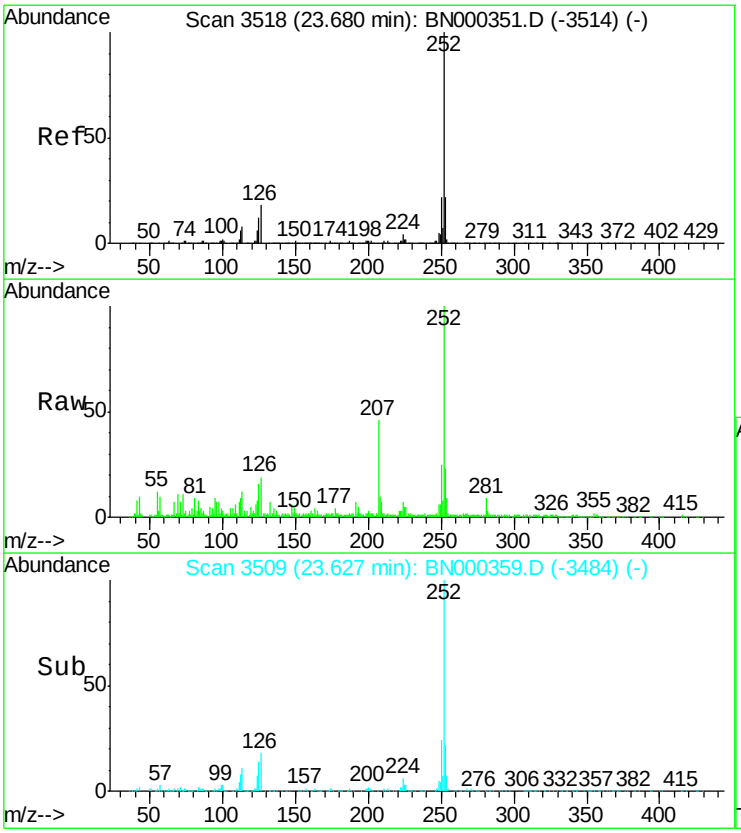

#23
Benzo(b)fluoranthene
Concen: 5.121 ng/ul
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

**Instrument :**
BNA_N
**ClientSampleId :**
DAM94

Tgt Ion:252 Resp: 340046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.0 | 27.0 |
| 125 | 16.2 | 8.0 | 12.0# |

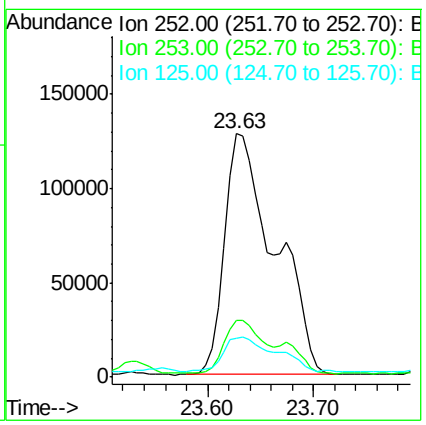


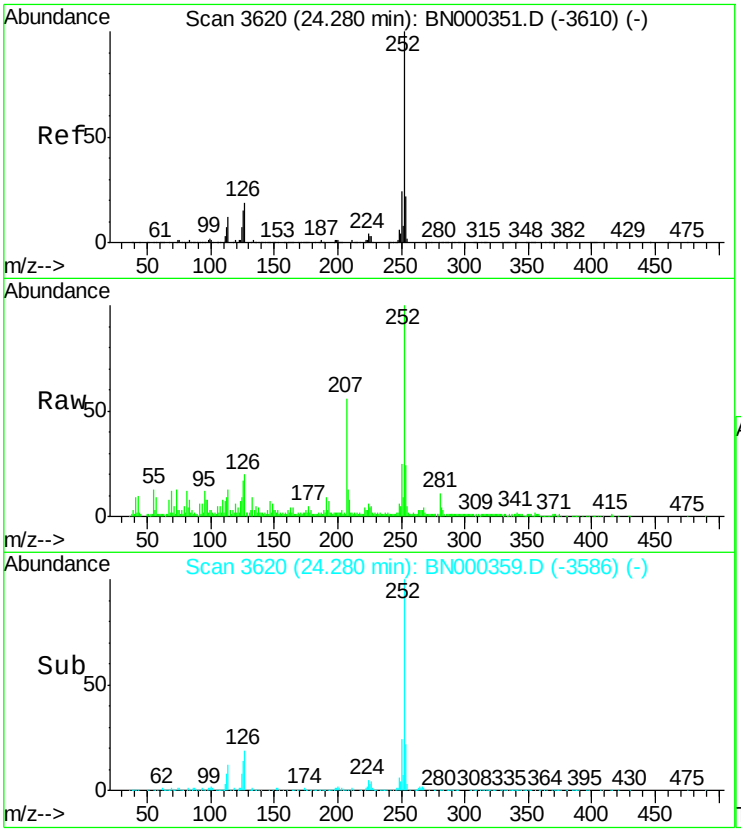




#24
Benzo(k)fluoranthene
Concen: 6.742 ng/ul
RT: 23.63 min Scan# 3509
Delta R.T. -0.05 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Tgt Ion:252 Resp: 419106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.0 | 27.0 |
| 125 | 16.2 | 8.1 | 12.1# |



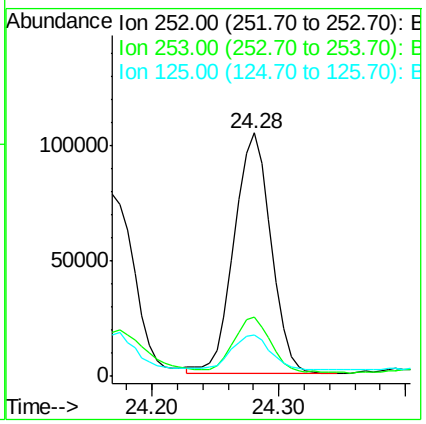


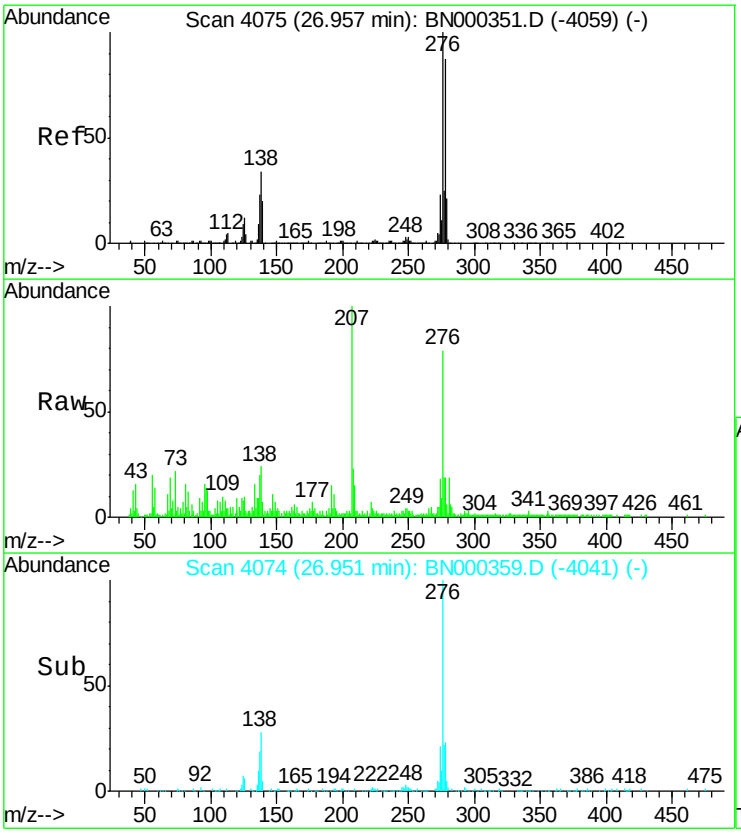

#26
Benzo(a)pyrene
Concen: 3.320 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

**Instrument :**
BNA_N
**ClientSampleId :**
DAM94

Tgt Ion:252 Resp: 209820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.4 | 17.2 | 25.8 |
| 125 | 17.2 | 8.2 | 12.4# |

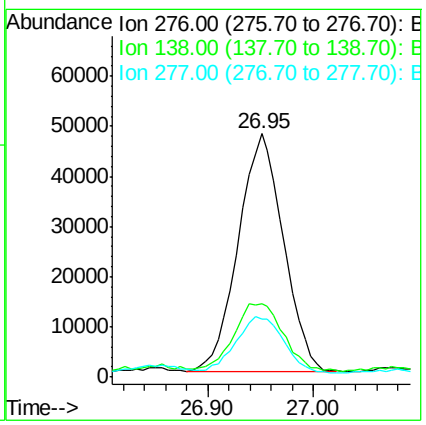


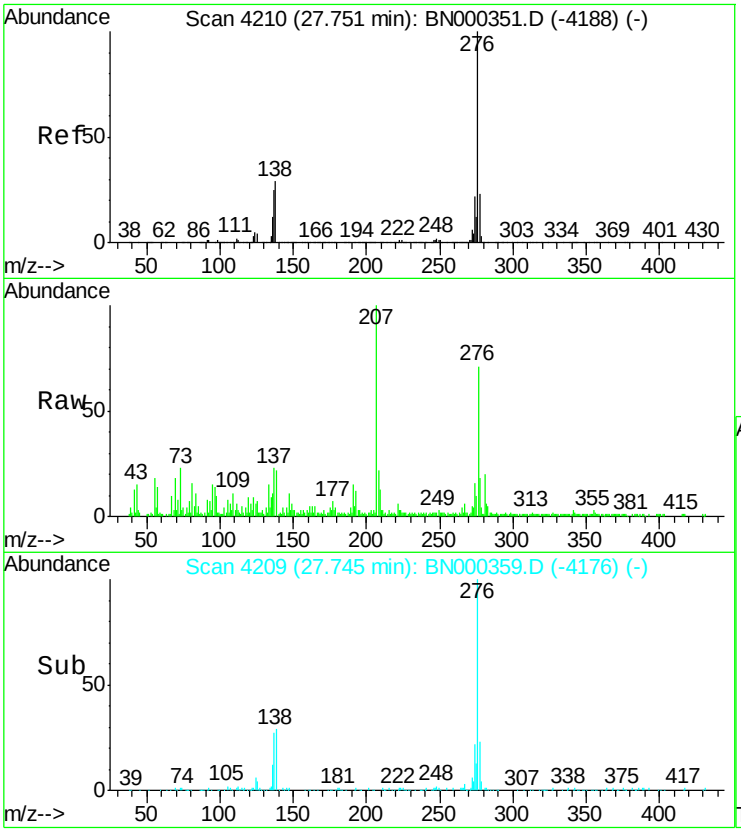




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.073 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Tgt Ion:276 Resp: 141272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.2 | 14.4 | 21.6# |
| 277 | 24.0 | 18.0 | 27.0 |






#29
Benzo(g,h,i)perylene
Concen: 2.620 ng/ul
RT: 27.74 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

**Instrument :**
BNA_N
**ClientSampleId :**
DAM94

Tgt Ion:276 Resp: 149095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 31.4 | 15.3 | 22.9# |
| 277 | 25.6 | 19.0 | 28.4 |