Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002488.D
Acq On : 24 Aug 2018 04:22
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 24 06:37:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 1869 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.44 | 136 | 7802 | 0.40 | ng/ul | -0.01 |
| 6) Acenaphthene-d10 | 14.31 | 164 | 4433 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.15 | 188 | 474132 | 0.40 | ng/ul | 0.09 |
| 16) Chrysene-d12 | 0.00 | 240 | 0 | 0.00 | ng/ul | -21.26 |
| 20) Perylene-d12 | 23.47 | 264 | 12942 | 0.40 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.04 | 152 | 2362 | 0.19 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.15 | 212 | 200 | 0.00 | ng/ul | 0.06 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.49 | 128 | 998 | 0.050 | ng/ul# | 83 |
| 5) 2-Methylnaphthalene | 12.12 | 142 | 440 | 0.031 | ng/ul | 100 |
| 7) Acenaphthylene | 14.02 | 152 | 7510 | 0.362 | ng/ul | 97 |
| 8) Acenaphthene | 14.37 | 153 | 675 | 0.043 | ng/ul# | 93 |
| 9) Fluorene | 15.36 | 166 | 1232 | 0.068 | ng/ul | 92 |
| 21) Benzo(b)fluoranthene | 22.81 | 252 | 74235 | 1.597 | ng/ul | 86 |
| 22) Benzo(k)fluoranthene | 22.98 | 252 | 6832 | 0.142 | ng/ul | 97 |
| 23) Benzo(a)pyrene | 23.37 | 252 | 37376 | 0.855 | ng/ul | 94 |
| 24) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 26057 | 0.572 | ng/ul# | 79 |
| 25) Dibenzo(a,h)anthracene | 25.68 | 278 | 6407 | 0.178 | ng/ul | 97 |
| 26) Benzo(g,h,i)perylene | 26.36 | 276 | 24993 | 0.640 | ng/ul | 95 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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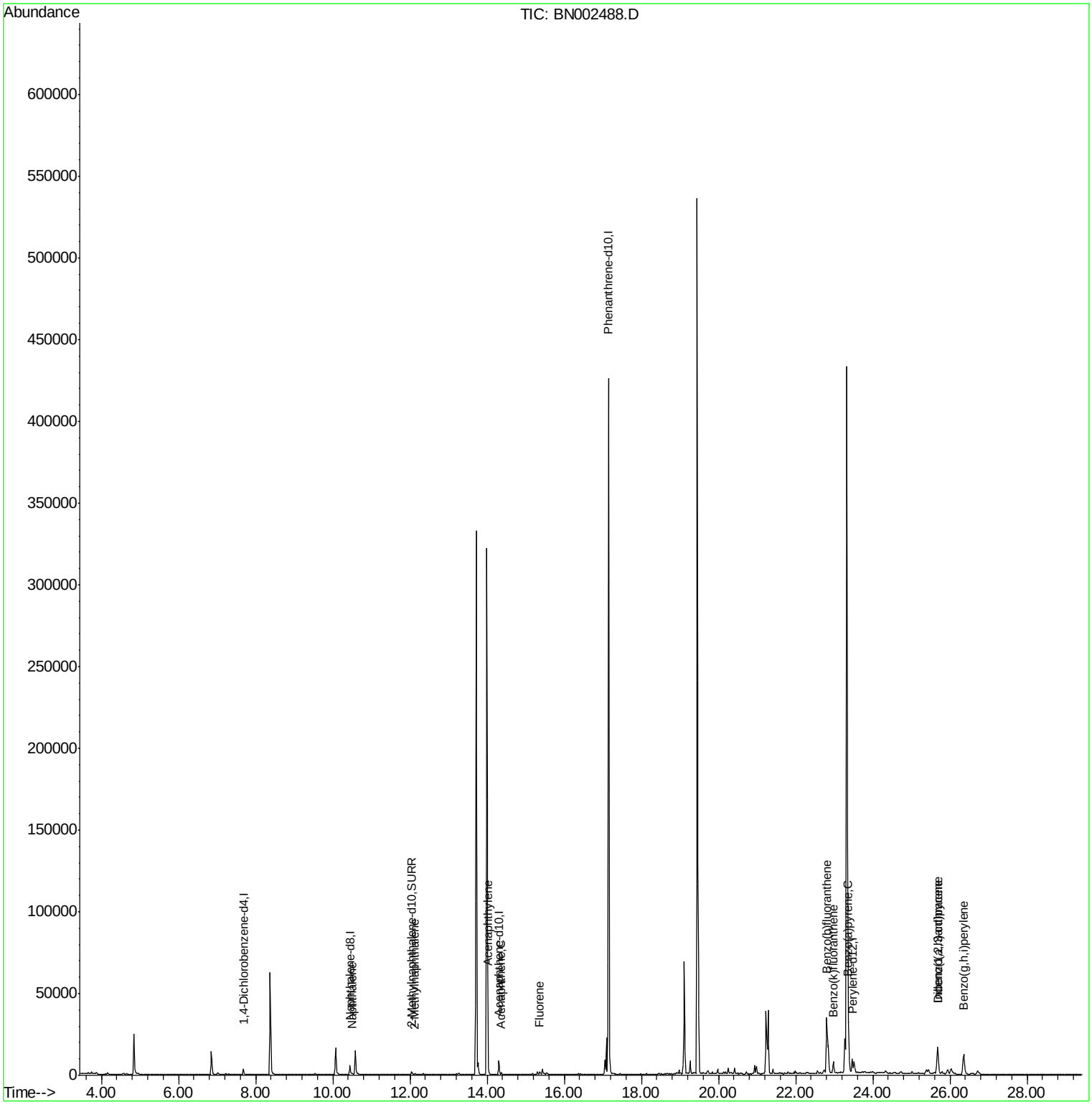
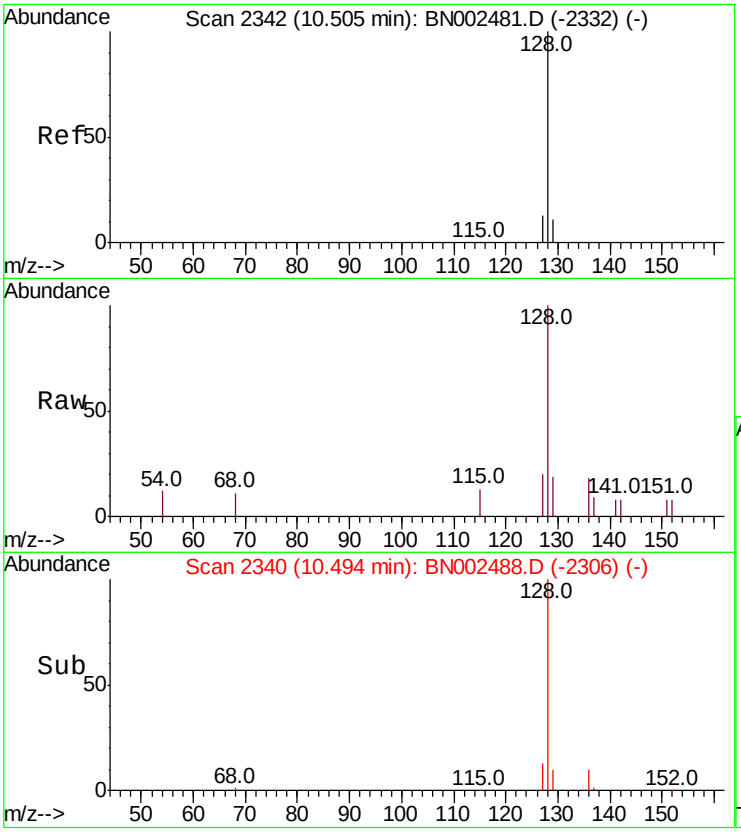
Acq On : 24 Aug 2018 04:22
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 24 06:37:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration



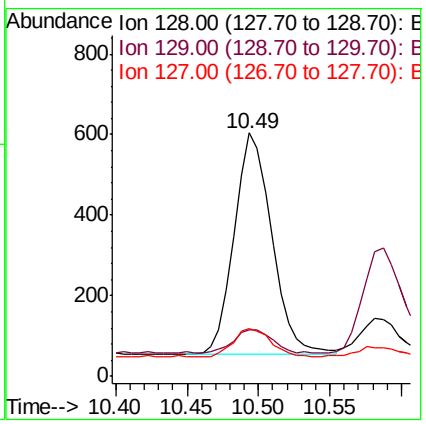


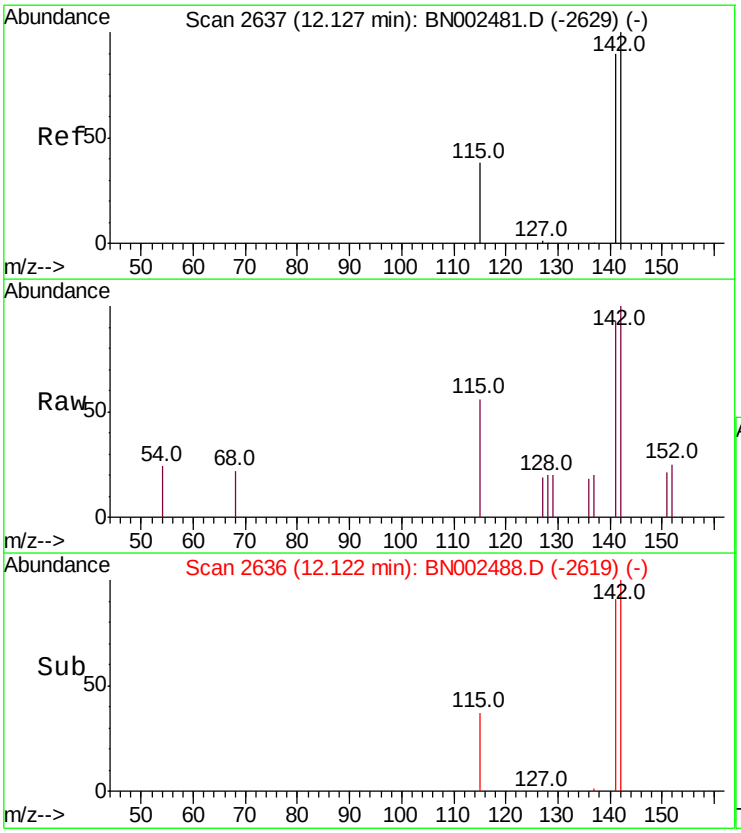

#3
Naphthalene
Concen: 0.050 ng/ul
RT: 10.49 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

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

Tgt Ion:128 Resp: 998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 19.4 | 8.0 | 12.0# |
| 127 | 19.7 | 12.0 | 18.0# |

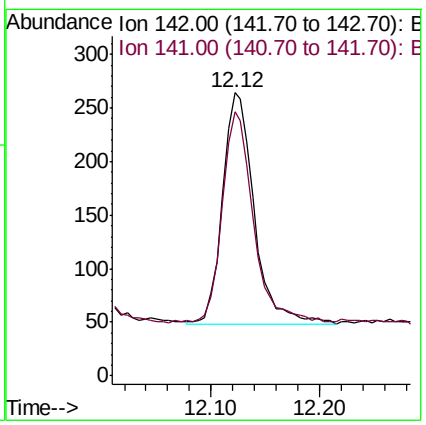


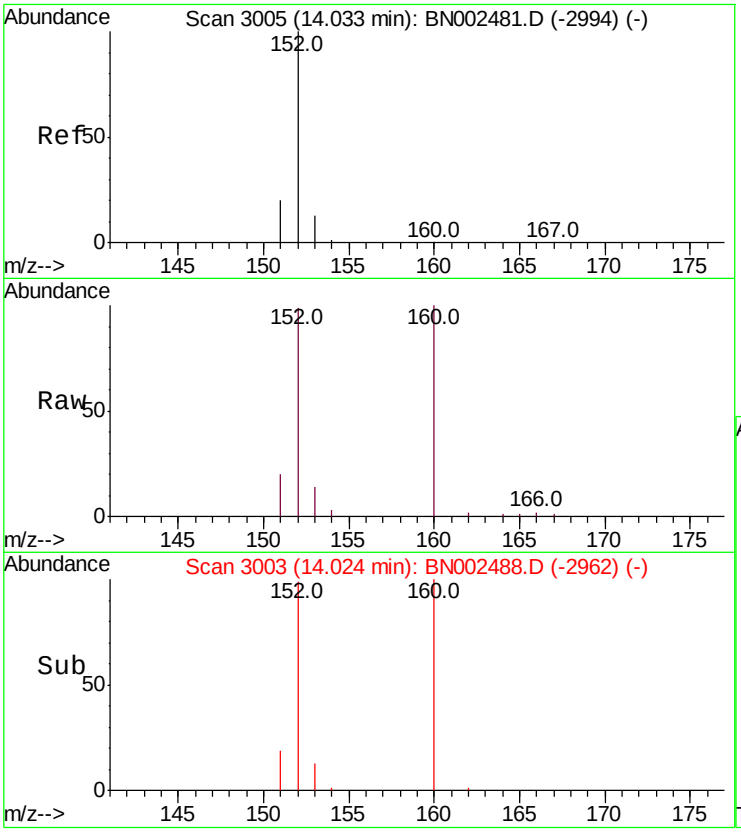




#5
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.12 min Scan# 2636
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

Tgt Ion:142 Resp: 440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 72.6 | 108.8 |



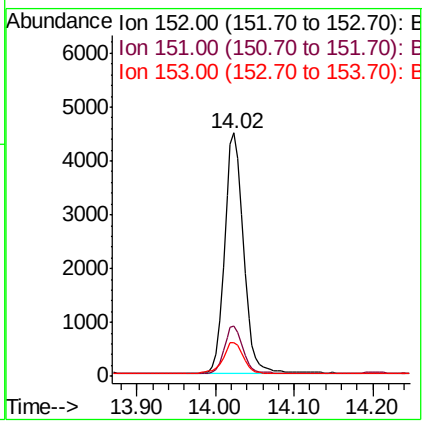


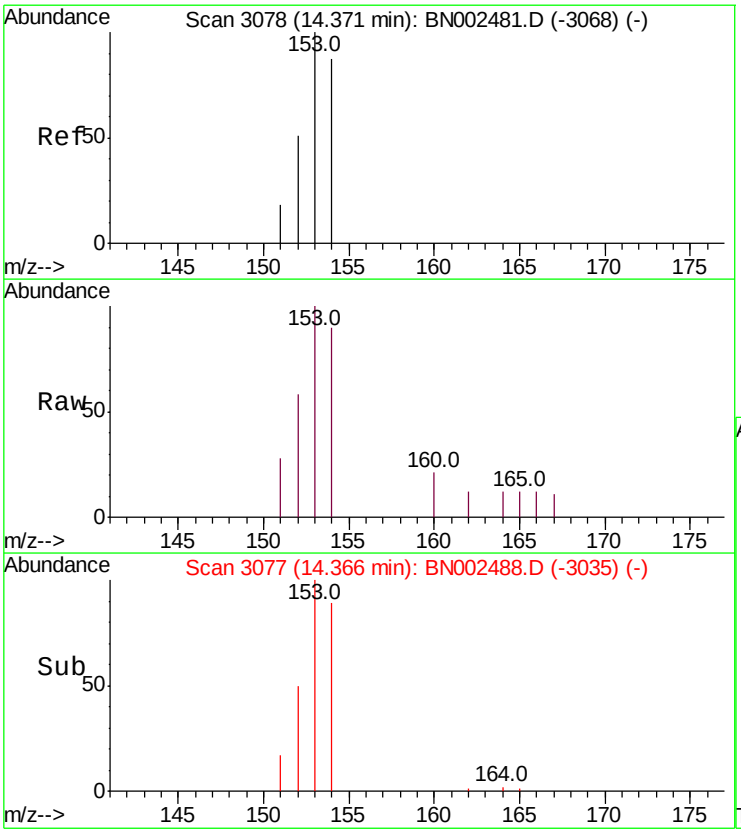

#7
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.02 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

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

Tgt Ion:152 Resp: 7510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 17.1 | 25.7 |
| 153 | 14.0 | 12.8 | 19.2 |

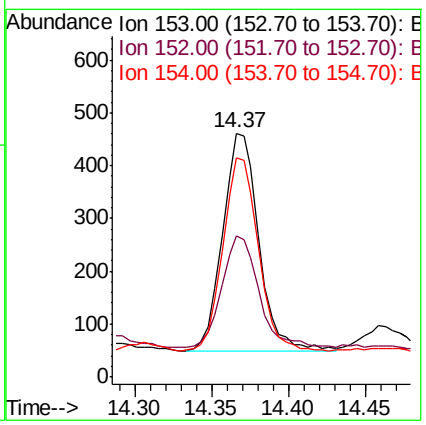


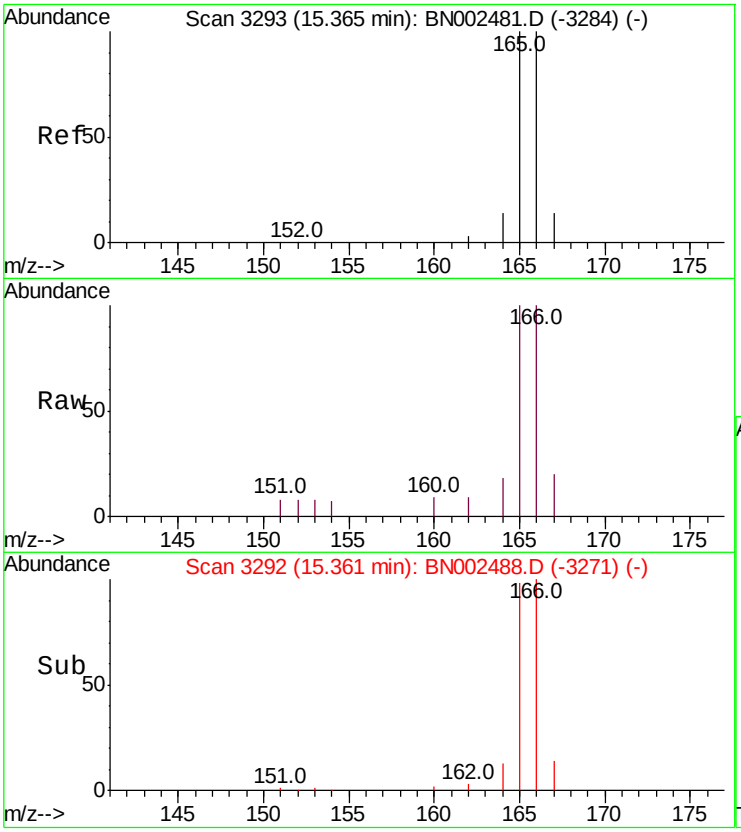




#8
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.37 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

Tgt Ion:153 Resp: 675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 57.9 | 36.0 | 54.0# |
| 154 | 90.2 | 72.0 | 108.0 |



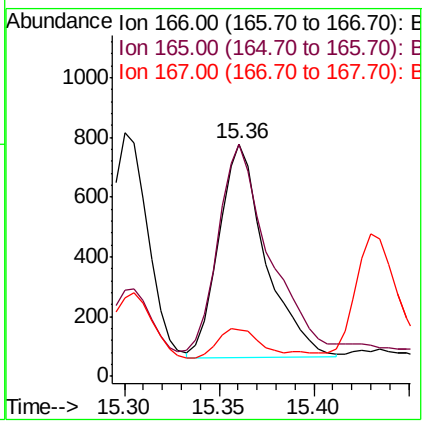


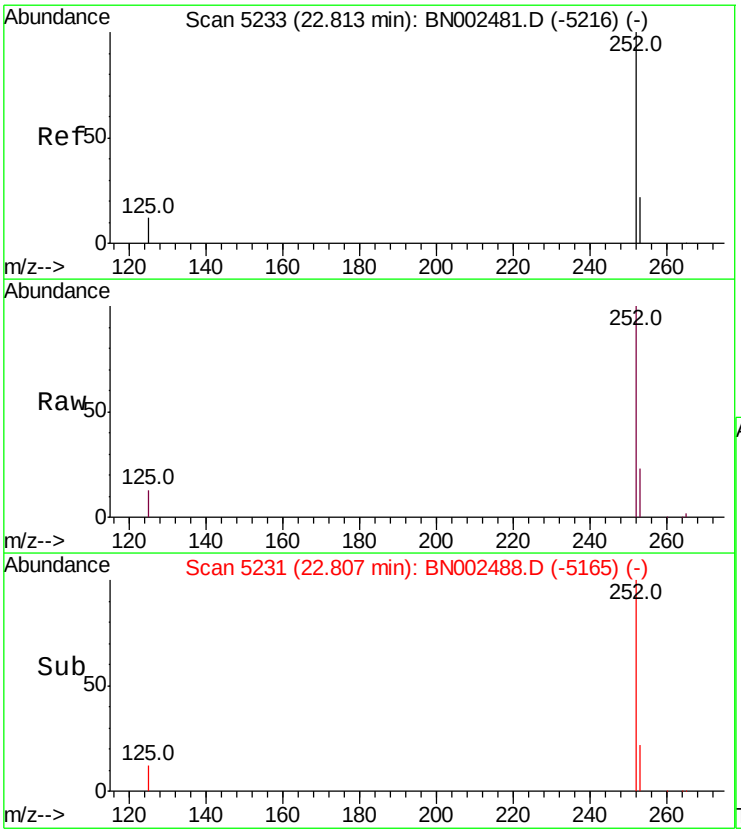

#9
Fluorene
Concen: 0.068 ng/ul
RT: 15.36 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

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

Tgt Ion:166 Resp: 1232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.9 | 73.4 | 110.2 |
| 167 | 20.3 | 14.6 | 22.0 |

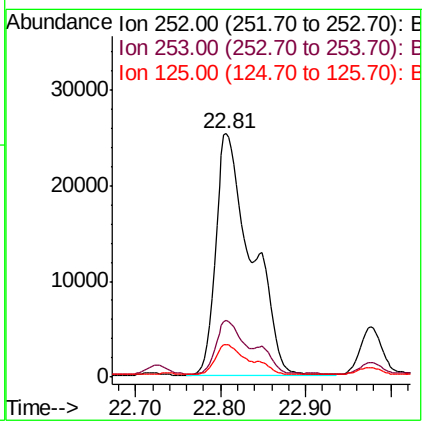


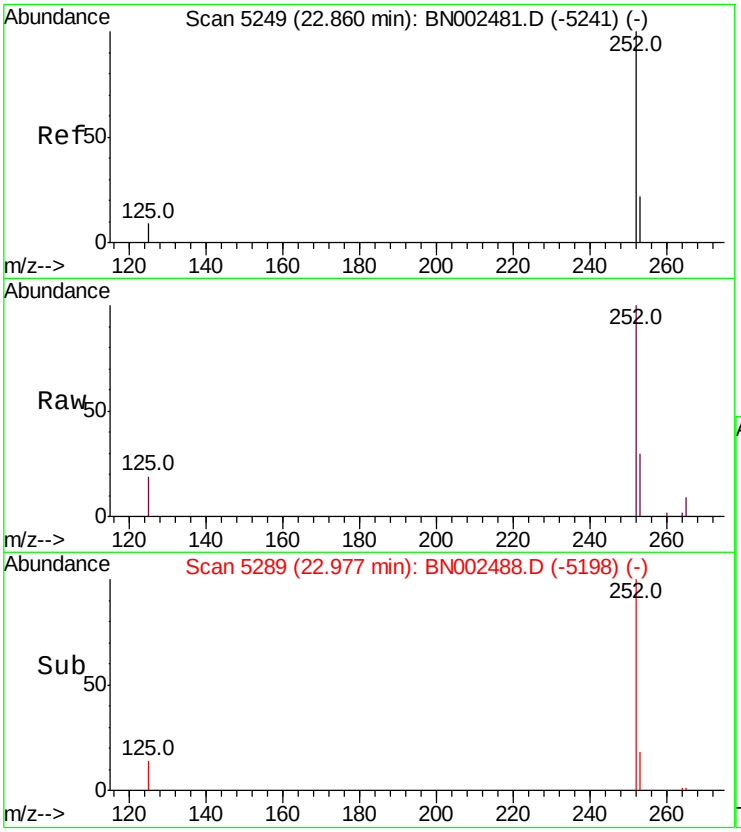




#21
Benzo(b)fluoranthene
Concen: 1.597 ng/ul
RT: 22.81 min Scan# 5231
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

Tgt Ion:252 Resp: 74235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 0.0 | 64.2 |
| 125 | 13.3 | 0.0 | 35.0 |



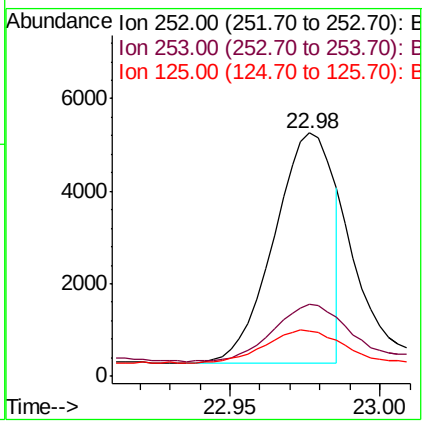


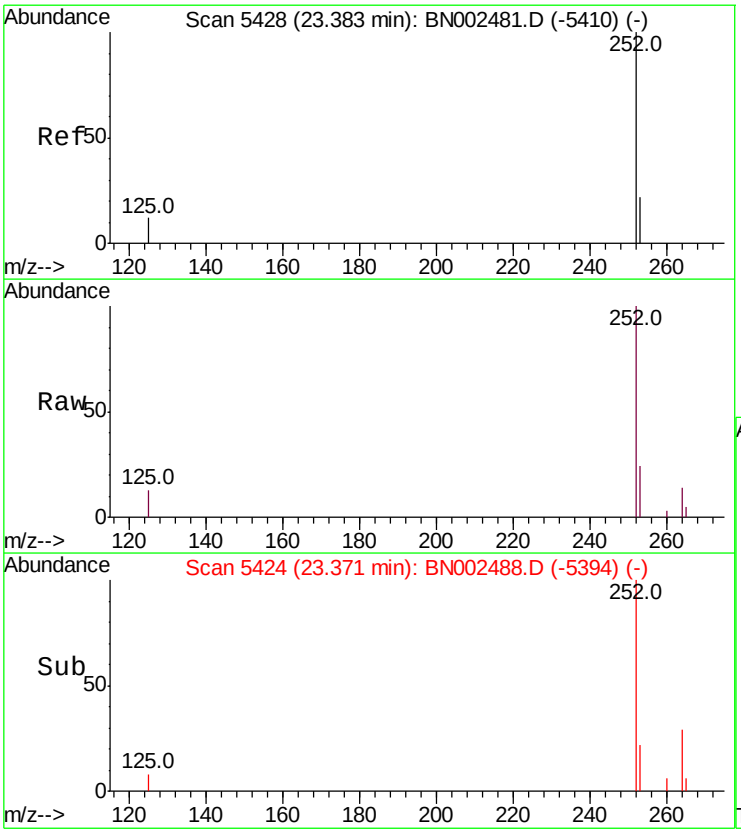

#22
Benzo(k)fluoranthene
Concen: 0.142 ng/ul
RT: 22.98 min Scan# 5289
Delta R.T. 0.12 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

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

Tgt Ion:252 Resp: 6832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 29.6 | 24.5 | 36.7 |
| 125 | 18.8 | 13.7 | 20.5 |

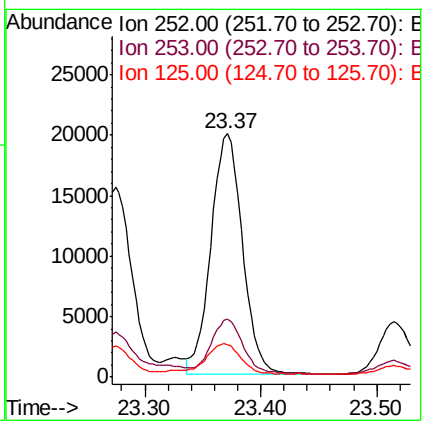


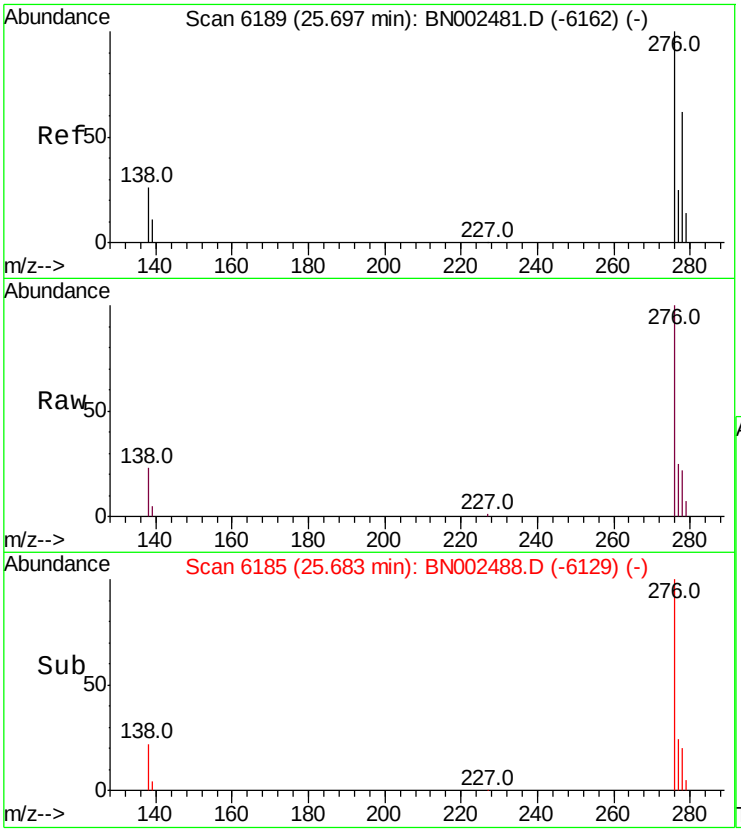




#23
Benzo(a)pyrene
Concen: 0.855 ng/ul
RT: 23.37 min Scan# 5424
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

Tgt Ion:252 Resp: 37376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 16.0 | 24.0 |
| 125 | 13.1 | 12.0 | 18.0 |



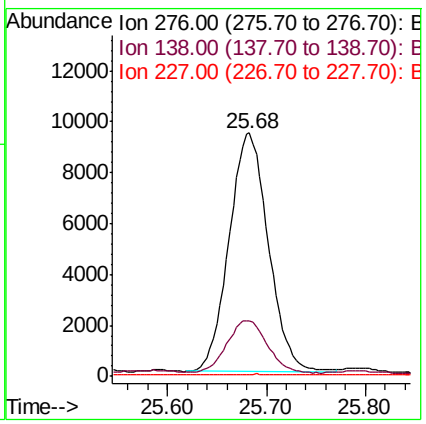


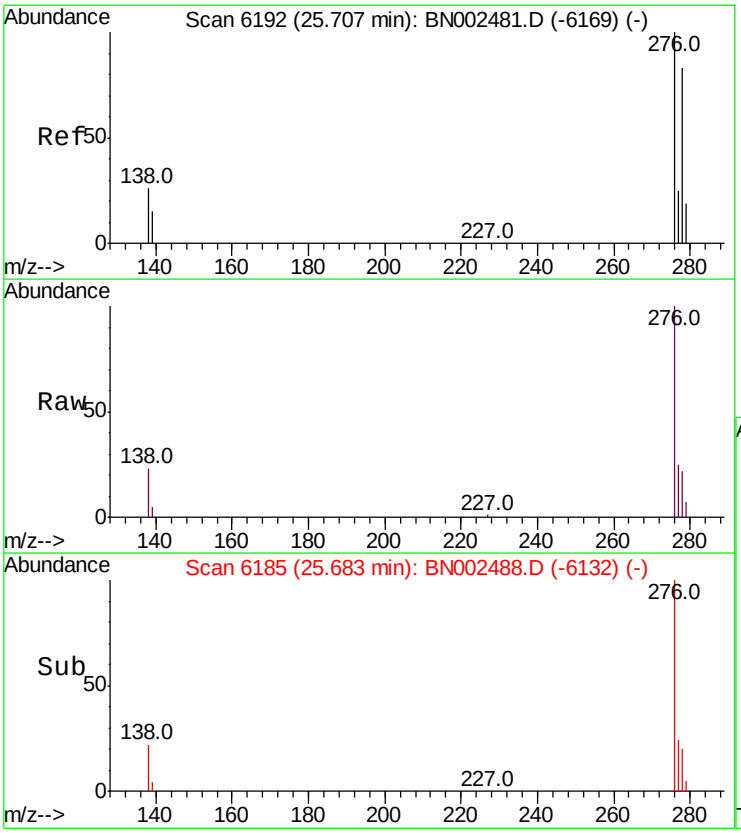

#24
Indeno(1,2,3-cd)pyrene
Concen: 0.572 ng/ul
RT: 25.68 min Scan# 6185
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

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

Tgt Ion:276 Resp: 26057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.4 | 28.0 | 42.0# |
| 227 | 0.2 | 0.8 | 1.2# |

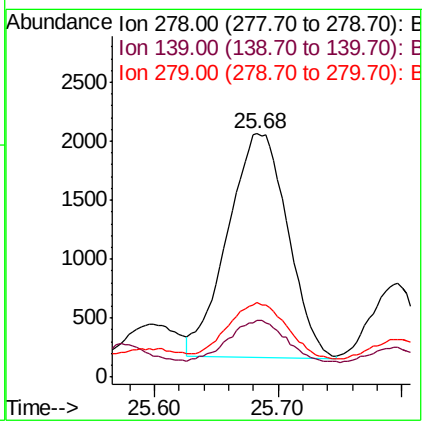


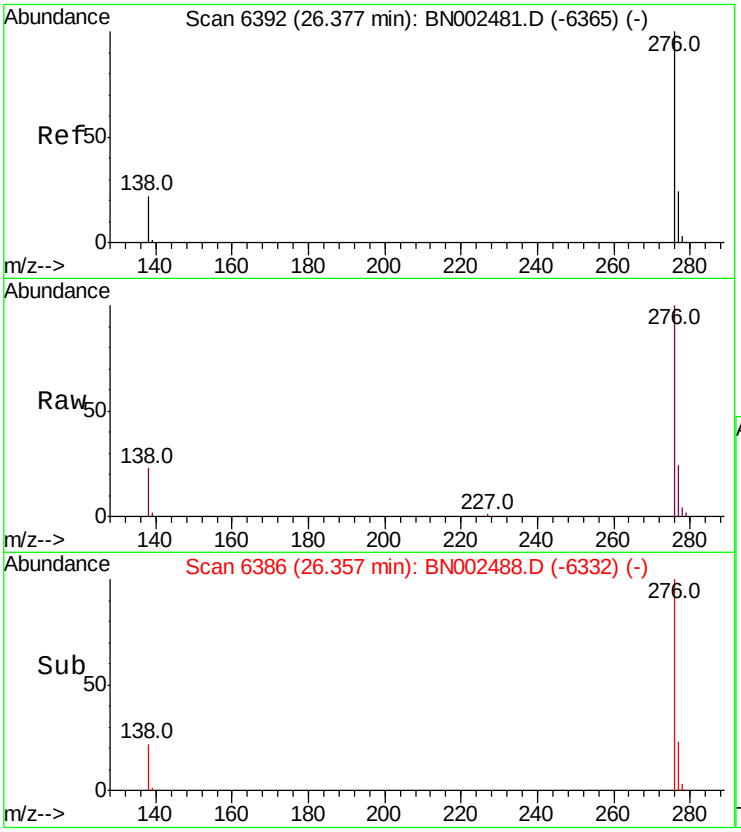




#25
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul
RT: 25.68 min Scan# 6185
Delta R.T. -0.02 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

Tgt Ion:278 Resp: 6407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 23.4 | 17.4 | 26.0 |
| 279 | 30.5 | 25.9 | 38.9 |






#26
Benzo(g,h,i)perylene
Concen: 0.640 ng/ul
RT: 26.36 min Scan# 6386
Delta R.T. -0.02 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

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

Tgt Ion:276 Resp: 24993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.5 | 21.8 | 32.8 |
| 277 | 24.1 | 20.5 | 30.7 |