Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
Data File : BN002250.D
Acq On : 08 Aug 2018 14:11
Operator : JU/SJ
Sample : J4268-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Aug 09 02:17:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 09 02:16:22 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 233581 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 977772 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 474105 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 878609 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.26 | 240 | 793991 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.49 | 264 | 831231 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 14455 | 2.79 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.87 | 99 | 311478 | 14.16 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 216743 | 16.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.22 | 132 | 266936 | 15.36 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 234280 | 13.22 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 132035 | 16.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 140573 | 15.35 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 236870 | 14.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 276288 | 14.49 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 675546 | 16.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.01 | 160 | 876889 | 17.54 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.53 | 143 | 60172 | 7.84 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.32 | 176 | 550519 | 15.93 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 59521 | 10.40 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.16 | 188 | 752413 | 17.56 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.46 | 212 | 758681 | 18.38 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.35 | 264 | 765831 | 17.06 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.51 | 128 | 77434 | 1.499 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.77 | 163 | 469979 | 11.939 | ng/ul | 99 |
| 69) Phenanthrene | 17.10 | 178 | 402236 | 8.152 | ng/ul | 99 |
| 71) Anthracene | 17.20 | 178 | 85087 | 1.693 | ng/ul | 98 |
| 76) Fluoranthene | 19.13 | 202 | 945802 | 18.062 | ng/ul | 99 |
| 79) Pyrene | 19.49 | 202 | 751318 | 14.746 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.25 | 228 | 363936 | 7.196 | ng/ul | 98 |
| 84) Chrysene | 21.30 | 228 | 434782 | 9.224 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 22.83 | 252 | 694940 | 13.584 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.83 | 252 | 694940 | 14.298 | ng/ul | 97 |
| 90) Benzo(a)pyrene | 23.39 | 252 | 433302 | 8.914 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 363155 | 6.463 | ng/ul# | 92 |
| 92) Dibenzo(a,h)anthracene | 25.72 | 278 | 80053 | 1.702 | ng/ul# | 79 |
| 93) Benzo(g,h,i)perylene | 26.39 | 276 | 339410 | 7.188 | ng/ul | 99 |

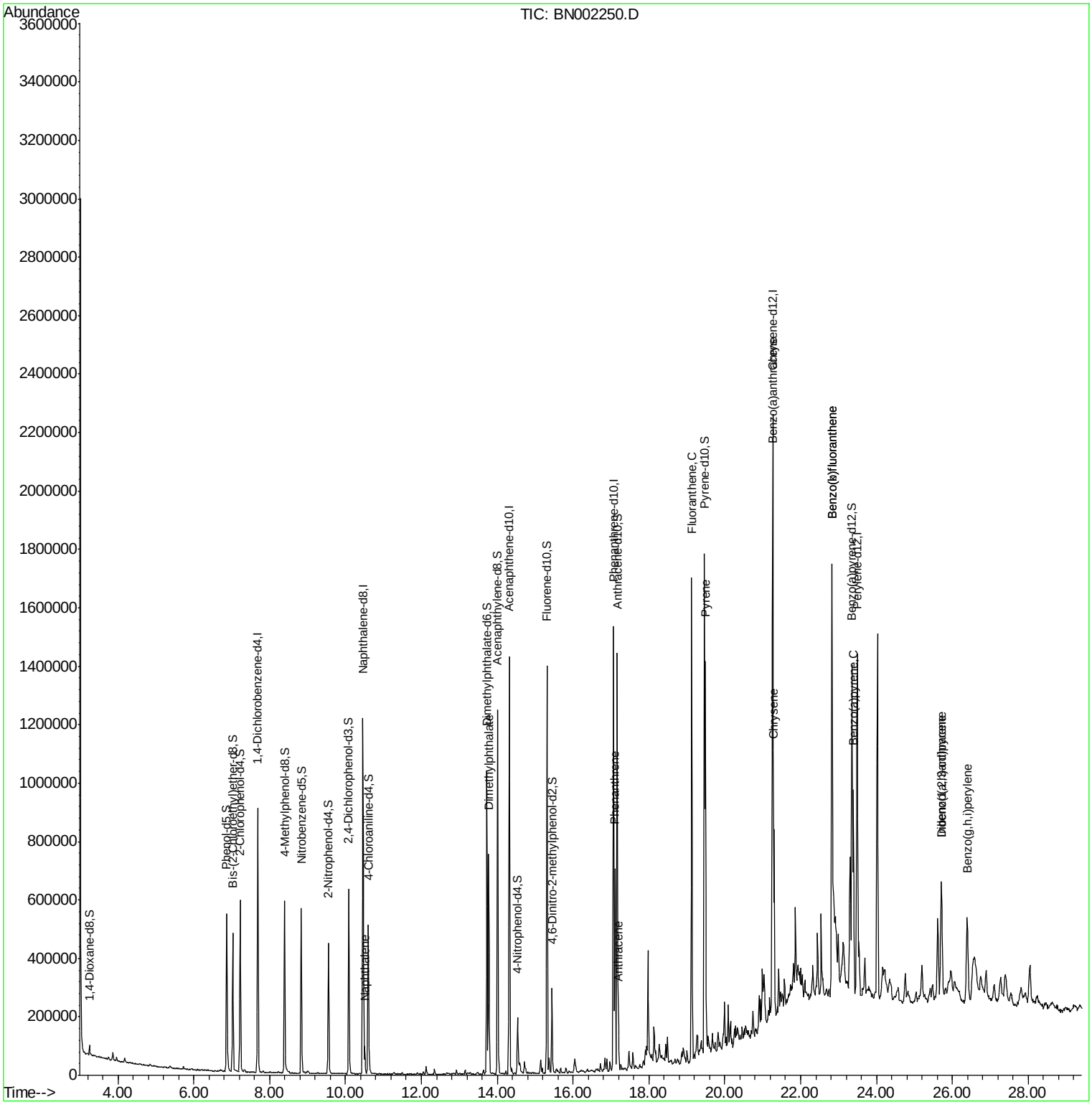
(#) = qualifier out of range (m) = manual integration (+) = signals summed

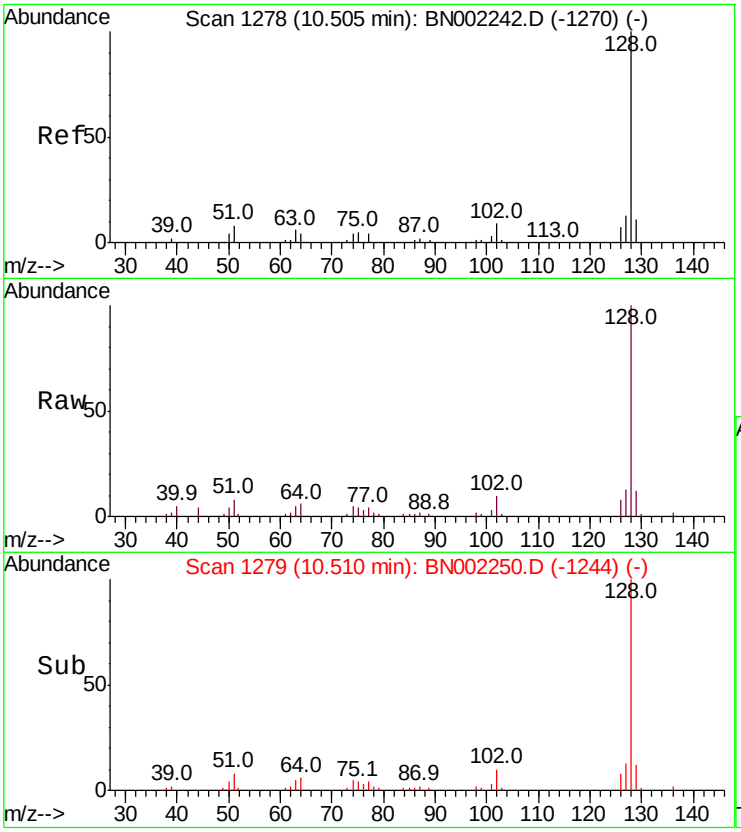
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
Data File : BN002250.D
Acq On : 08 Aug 2018 14:11
Operator : JU/SJ
Sample : J4268-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**

Quant Time: Aug 09 02:17:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 09 02:16:22 2018
Response via : Initial Calibration



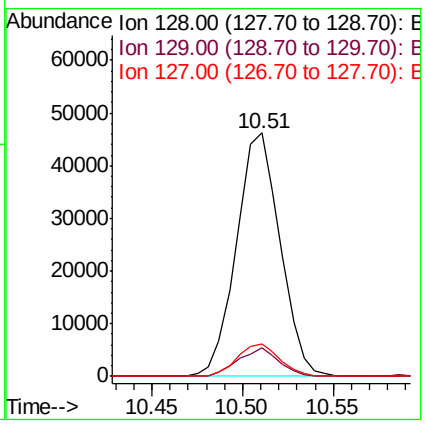


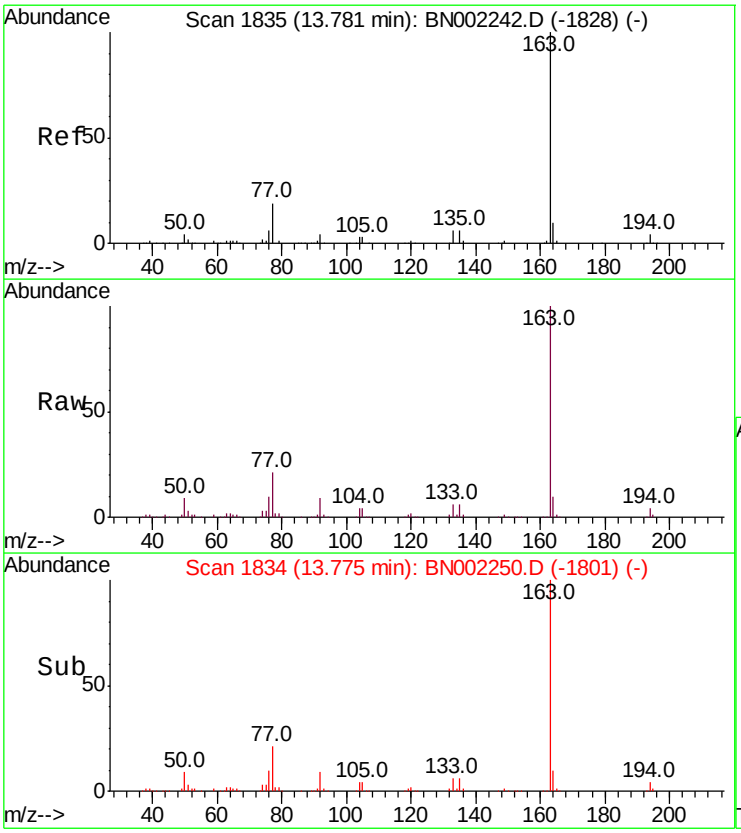

#28
Naphthalene
Concen: 1.499 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:128 Resp: 77434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.8 | 8.8 | 13.2 |
| 127 | 13.1 | 10.5 | 15.7 |

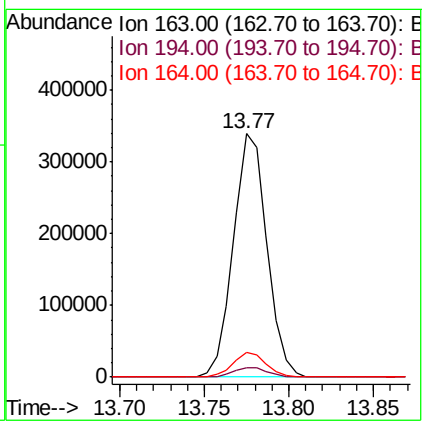


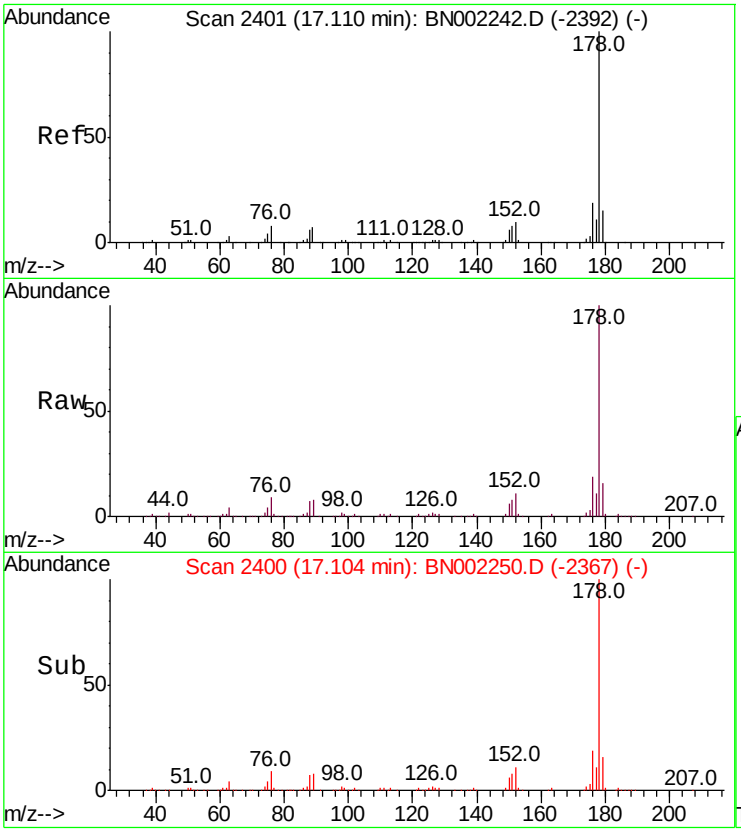




#44
Dimethylphthalate
Concen: 11.939 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion:163 Resp: 469979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.2 | 4.8 |
| 164 | 10.2 | 7.8 | 11.8 |



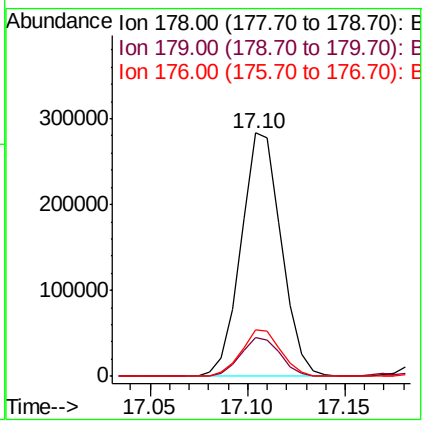


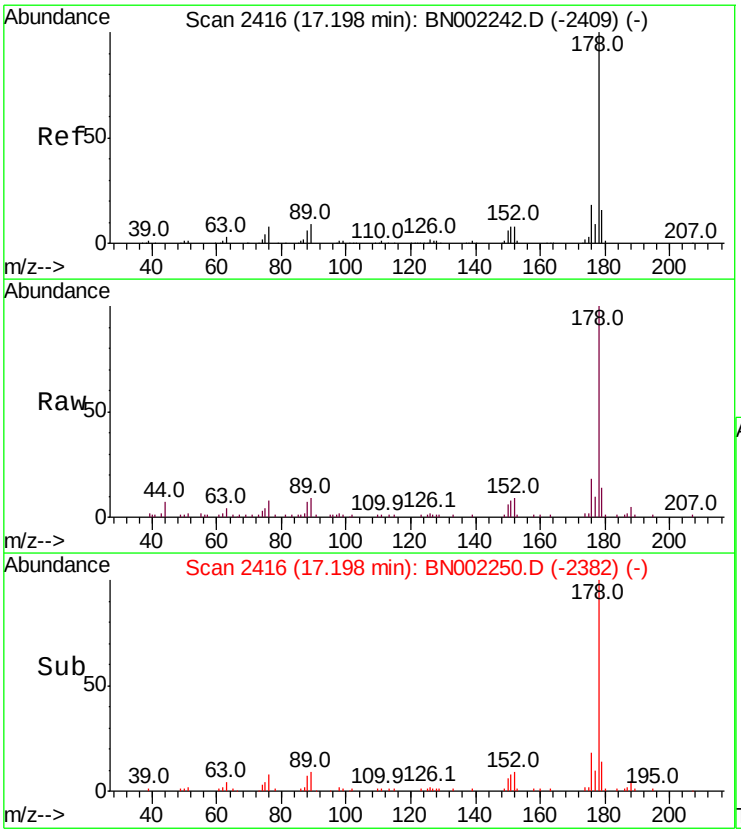

#69
Phenanthrene
Concen: 8.152 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:178 Resp: 402236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.8 | 12.2 | 18.4 |
| 176 | 19.3 | 15.6 | 23.4 |

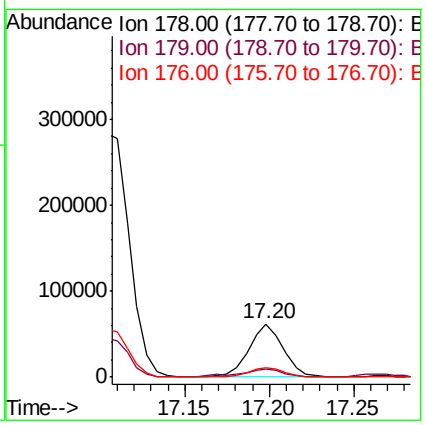


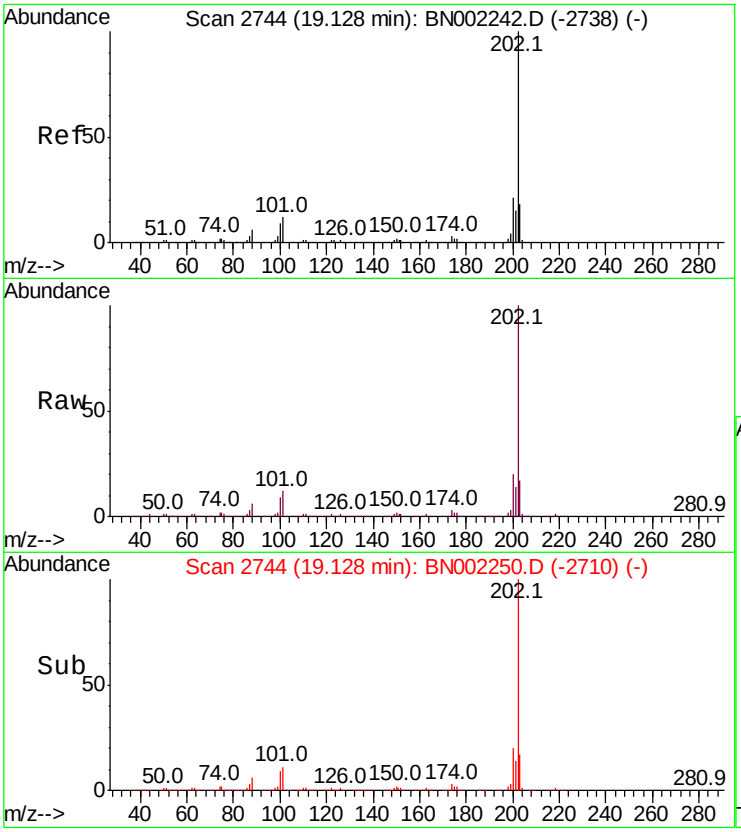




#71
Anthracene
Concen: 1.693 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion:178 Resp: 85087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.2 | 12.1 | 18.1 |
| 176 | 17.5 | 14.8 | 22.2 |



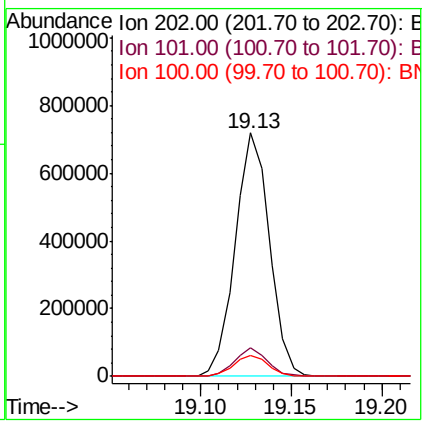


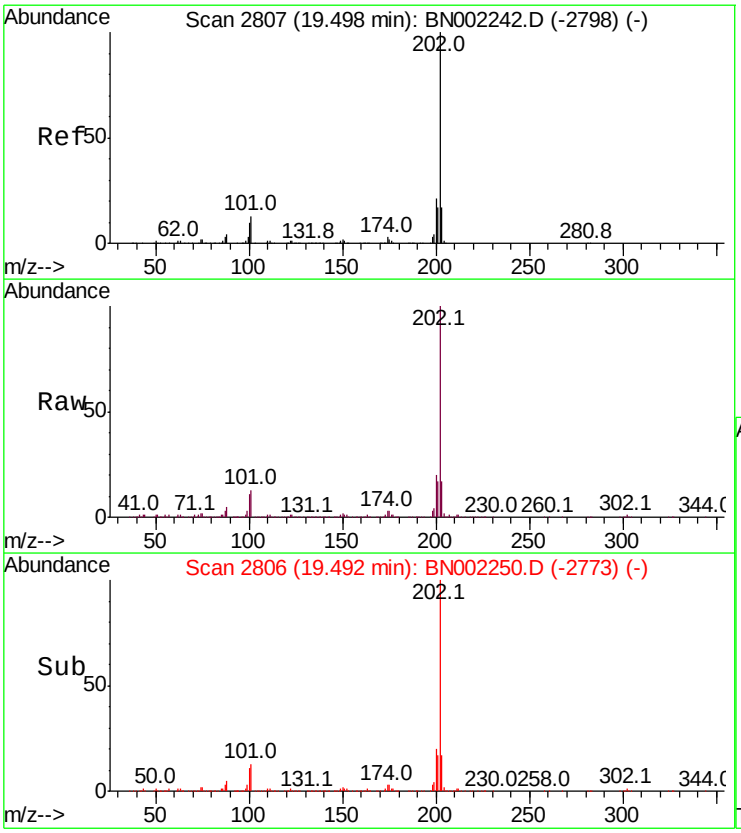

#76
Fluoranthene
Concen: 18.062 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:202 Resp: 945802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.6 | 8.8 | 13.2 |
| 100 | 8.6 | 6.6 | 9.8 |

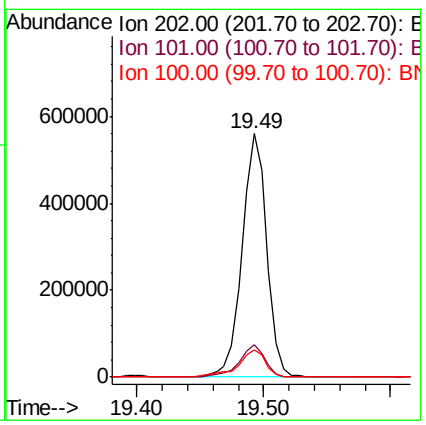


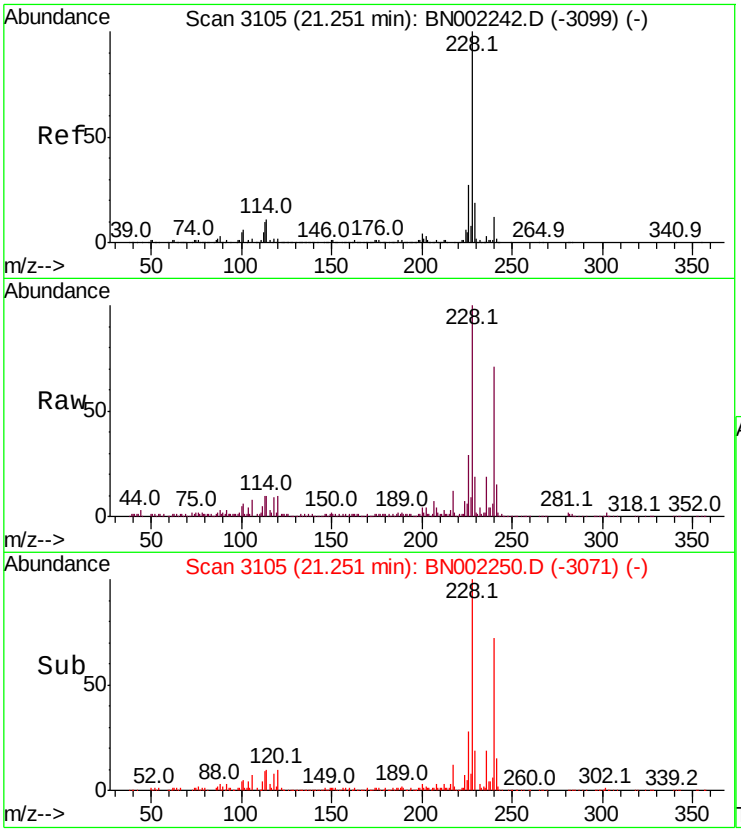




#79
Pyrene
Concen: 14.746 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion:202 Resp: 751318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.4 | 10.2 | 15.2 |
| 100 | 11.3 | 8.5 | 12.7 |



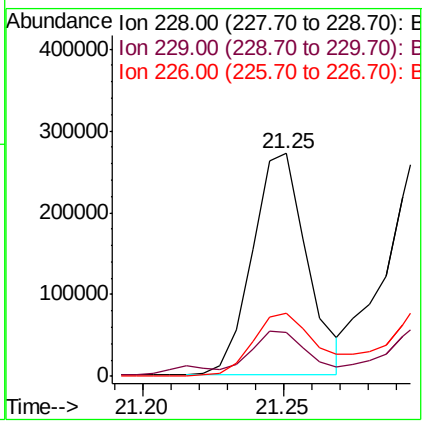


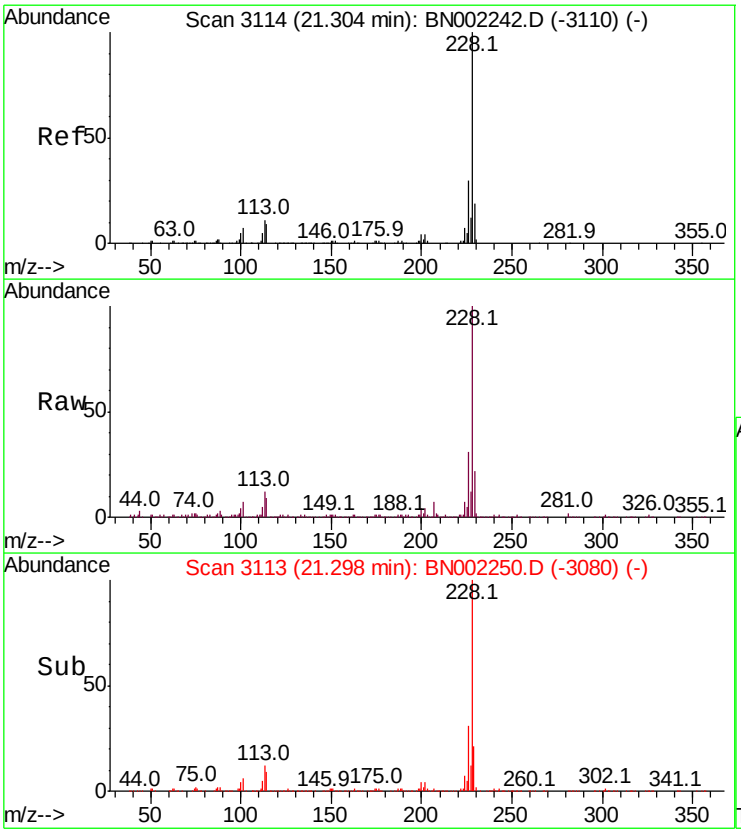

#82
Benzo(a)anthracene
Concen: 7.196 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:228 Resp: 363936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.5 | 15.7 | 23.5 |
| 226 | 28.5 | 21.8 | 32.6 |

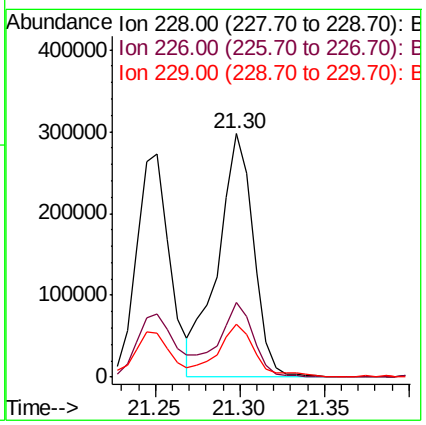


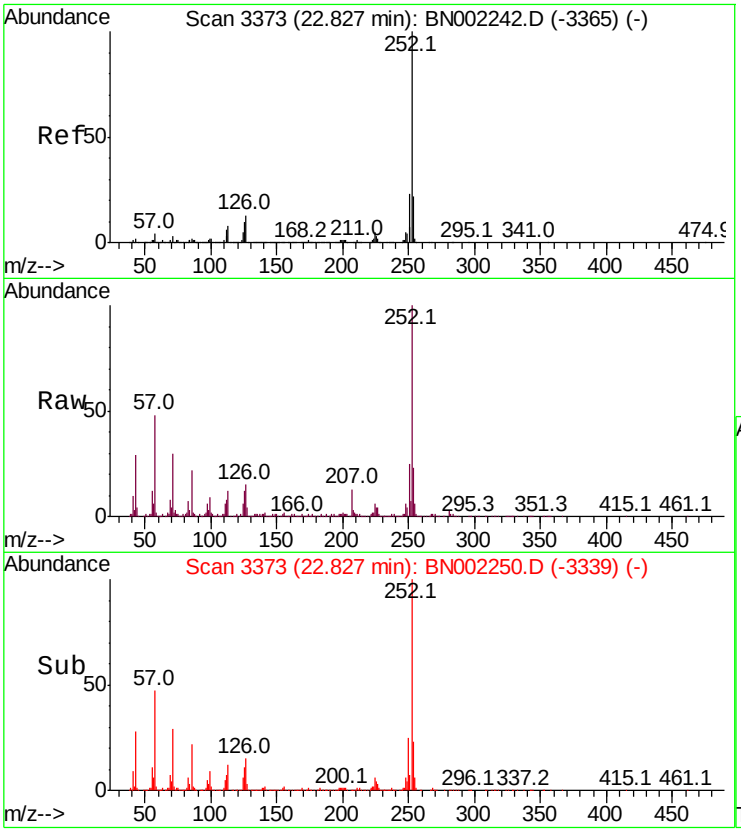




#84
Chrysene
Concen: 9.224 ng/ul
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion:228 Resp: 434782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.0 | 36.0 |
| 229 | 21.6 | 15.6 | 23.4 |



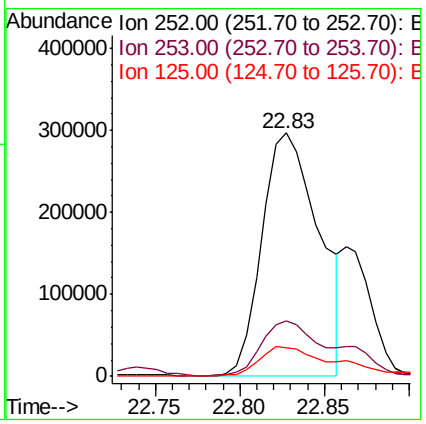


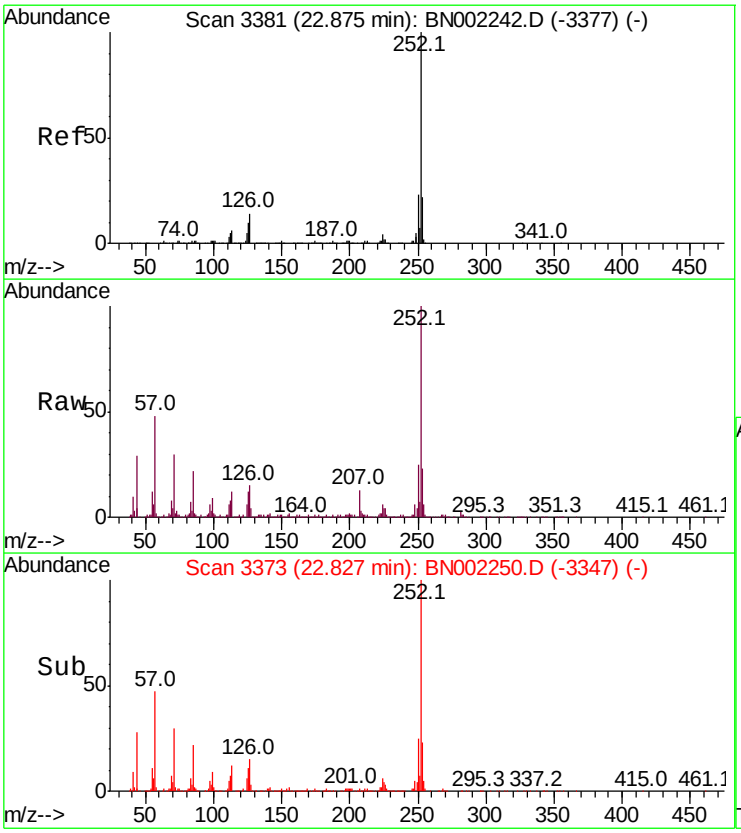

#87
Benzo(b)fluoranthene
Concen: 13.584 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. -0.00 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 694940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.5 | 26.3 |
| 125 | 11.6 | 8.5 | 12.7 |

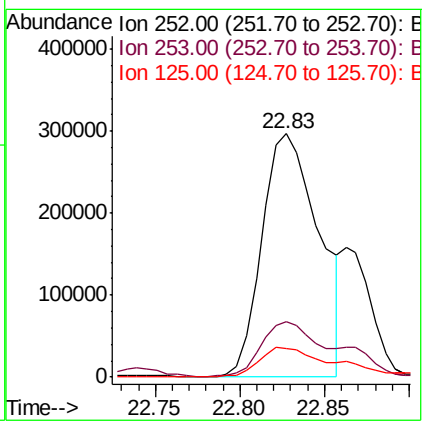


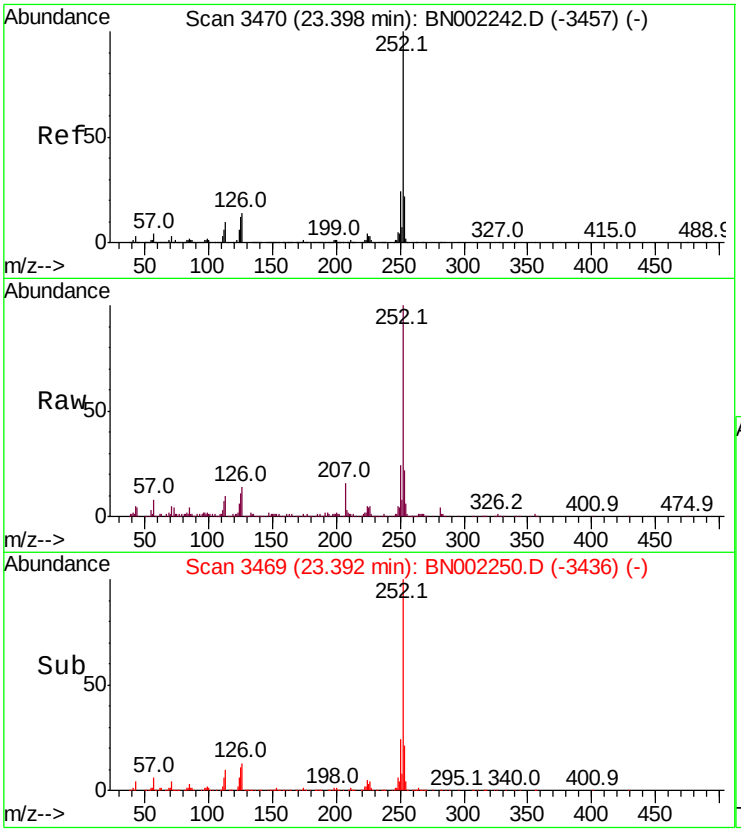




#88
Benzo(k)fluoranthene
Concen: 14.298 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. -0.05 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion:252 Resp: 694940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.3 | 25.9 |
| 125 | 11.6 | 8.2 | 12.2 |



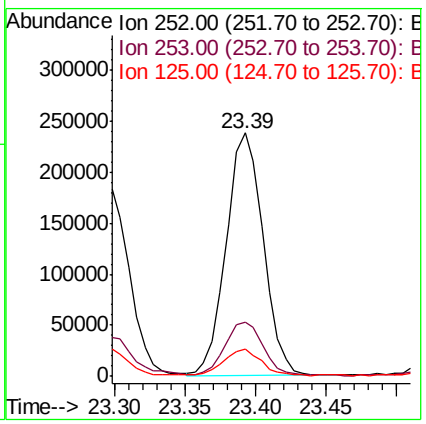


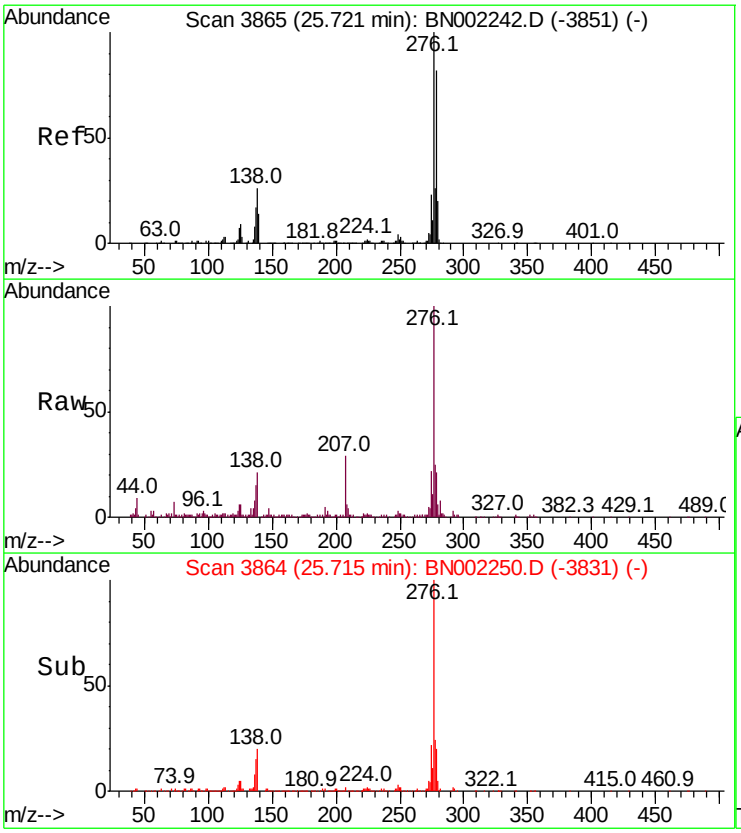

#90
Benzo(a)pyrene
Concen: 8.914 ng/ul
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 433302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.2 | 25.8 |
| 125 | 11.2 | 9.0 | 13.6 |

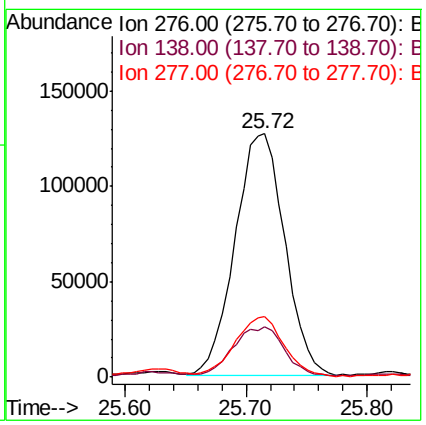


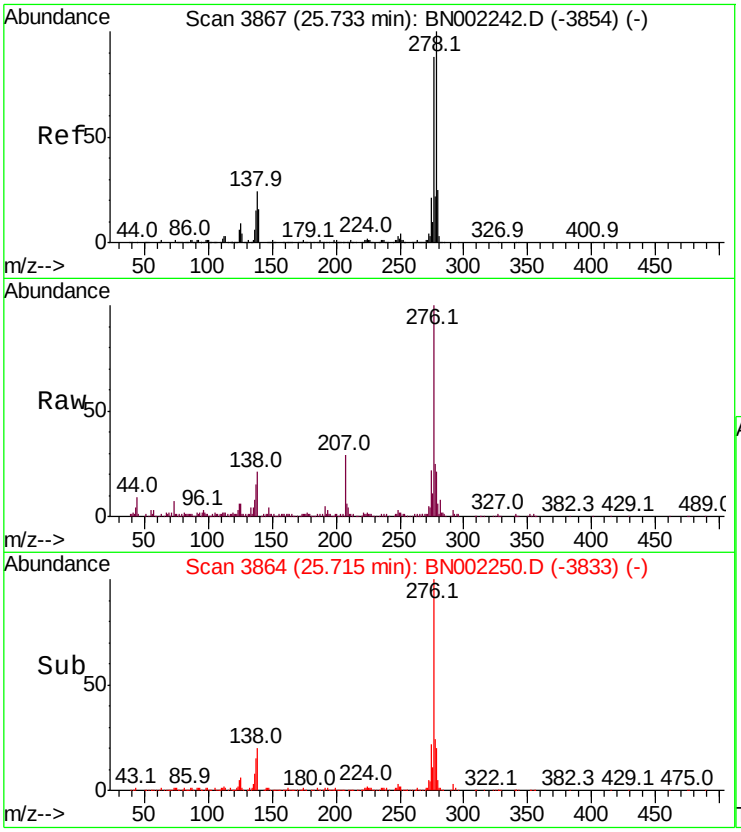




#91
Indeno(1,2,3-cd)pyrene
Concen: 6.463 ng/ul
RT: 25.72 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion:276 Resp: 363155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.6 | 22.3 | 33.5# |
| 277 | 24.8 | 20.2 | 30.2 |



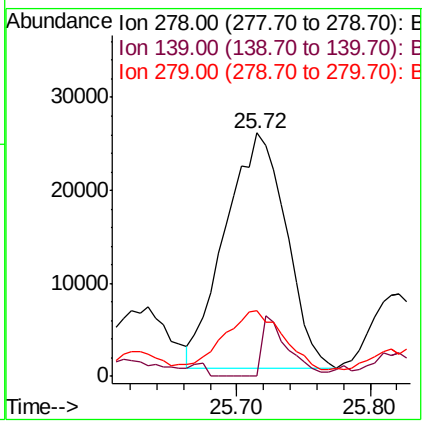


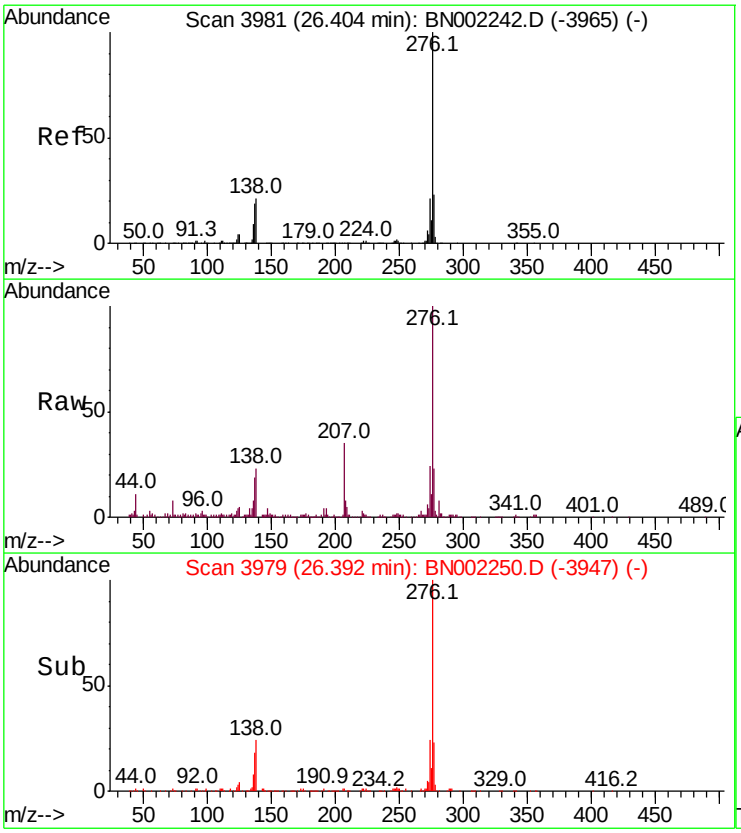

#92
Dibenzo(a,h)anthracene
Concen: 1.702 ng/ul
RT: 25.72 min Scan# 3864
Delta R.T. -0.02 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:278 Resp: 80053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 13.9 | 20.9# |
| 279 | 27.1 | 19.0 | 28.4 |




#93
Benzo(g,h,i)perylene
Concen: 7.188 ng/ul
RT: 26.39 min Scan# 3979
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion:276 Resp: 339410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.4 | 18.9 | 28.3 |
| 277 | 23.3 | 19.2 | 28.8 |