Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008604.D
Acq On : 18 Nov 2019 15:18
Operator : JU
Sample : K5678-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** JLM73

Quant Time: Nov 18 15:50:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 22:41:33 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 3038 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.39 | 136 | 10924 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.25 | 164 | 6412 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.00 | 188 | 12942 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.20 | 240 | 10289 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.37 | 264 | 10714 | 0.40 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.98 | 152 | 1959 | 0.11 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.03 | 212 | 4556 | 0.12 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.44 | 128 | 4736 | 0.144 | ng/ul | 94 |
| 5) 2-Methylnaphthalene | 12.06 | 142 | 2082 | 0.091 | ng/ul | 99 |
| 11) Pentachlorophenol | 16.65 | 266 | 116 | 0.024 | ng/ul# | 70 |
| 12) Phenanthrene | 17.03 | 178 | 3545 | 0.081 | ng/ul# | 86 |
| 15) Fluoranthene | 19.06 | 202 | 3602 | 0.067 | ng/ul | 77 |
| 17) Pyrene | 19.42 | 202 | 4197 | 0.102 | ng/ul# | 78 |
| 18) Benzo(a)anthracene | 21.18 | 228 | 2251 | 0.054 | ng/ul# | 41 |
| 19) Chrysene | 21.23 | 228 | 4108 | 0.101 | ng/ul# | 59 |
| 21) Benzo(b)fluoranthene | 22.73 | 252 | 7530 | 0.170 | ng/ul# | 1 |
| 22) Benzo(k)fluoranthene | 22.77 | 252 | 3209 | 0.073 | ng/ul# | 1 |
| 23) Benzo(a)pyrene | 23.28 | 252 | 4025 | 0.097 | ng/ul# | 1 |
| 24) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 3867 | 0.080 | ng/ul# | 52 |
| 25) Dibenzo(a,h)anthracene | 25.53 | 278 | 1129 | 0.029 | ng/ul# | 1 |
| 26) Benzo(g,h,i)perylene | 26.18 | 276 | 3947 | 0.097 | ng/ul# | 1 |

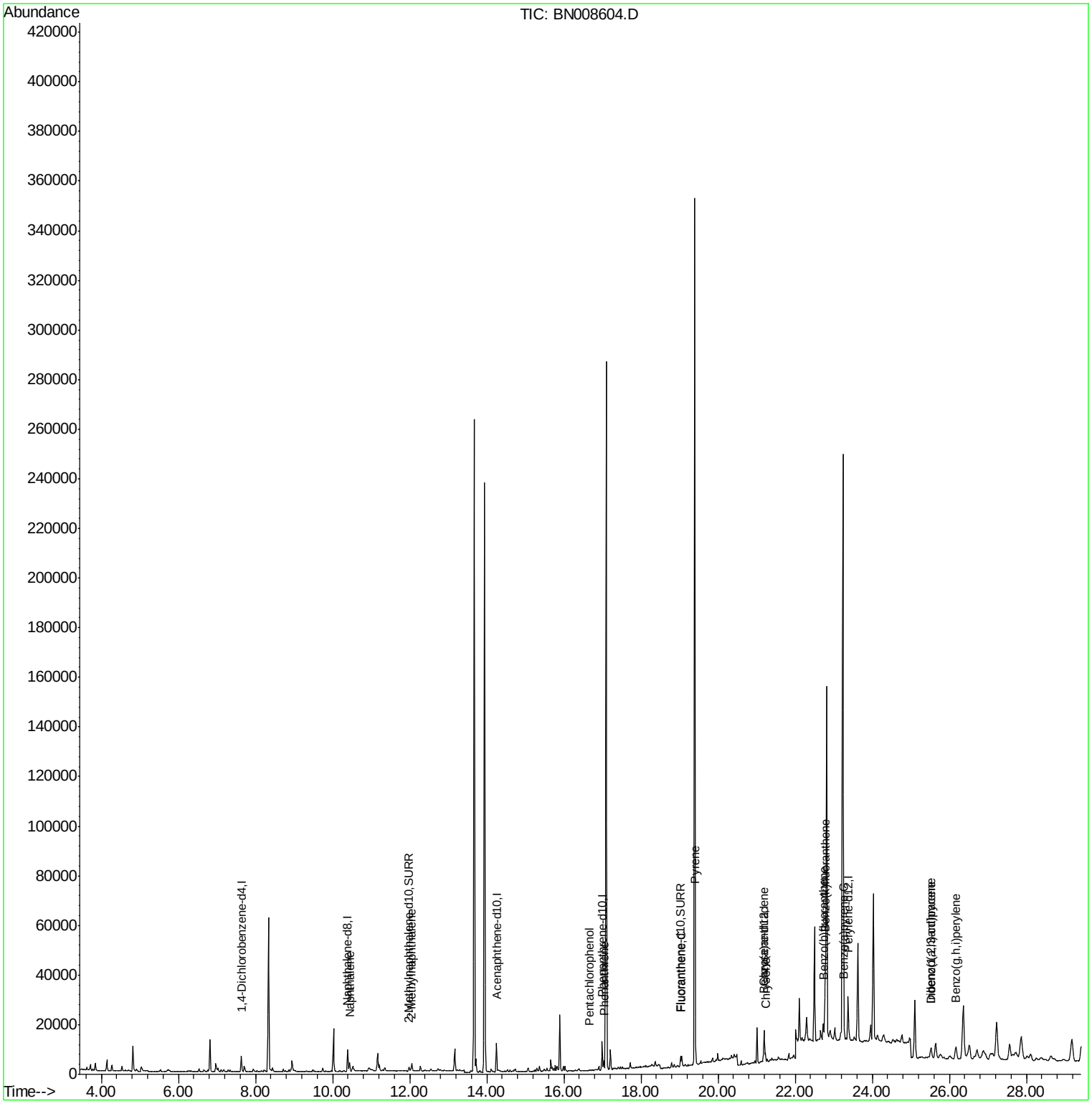
(#) = qualifier out of range (m) = manual integration (+) = signals summed

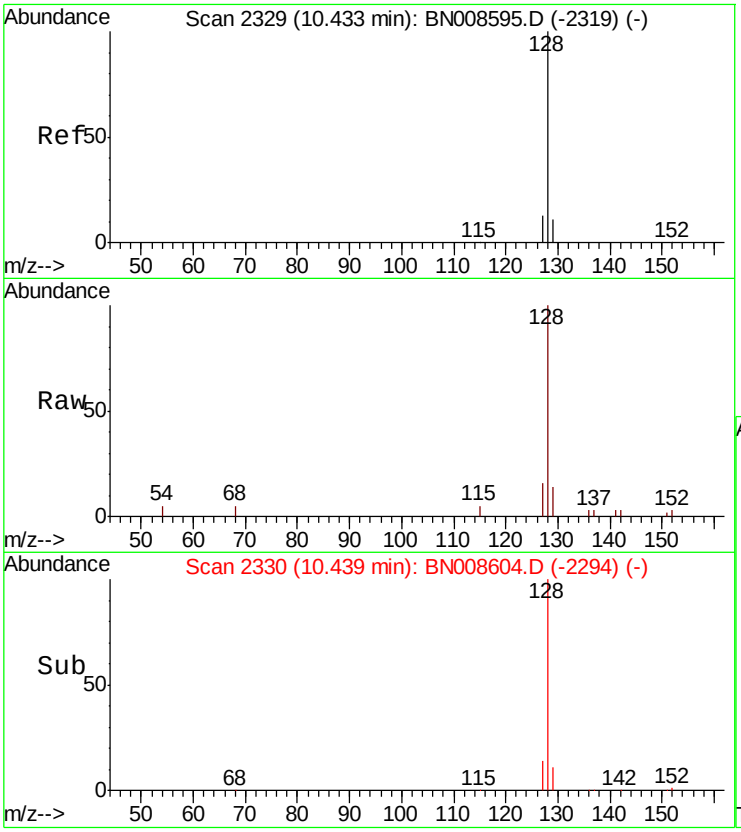
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008604.D
Acq On : 18 Nov 2019 15:18
Operator : JU
Sample : K5678-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
JLM73

Quant Time: Nov 18 15:50:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 22:41:33 2019
Response via : Initial Calibration



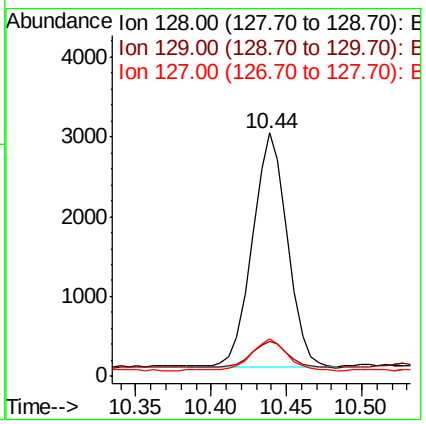


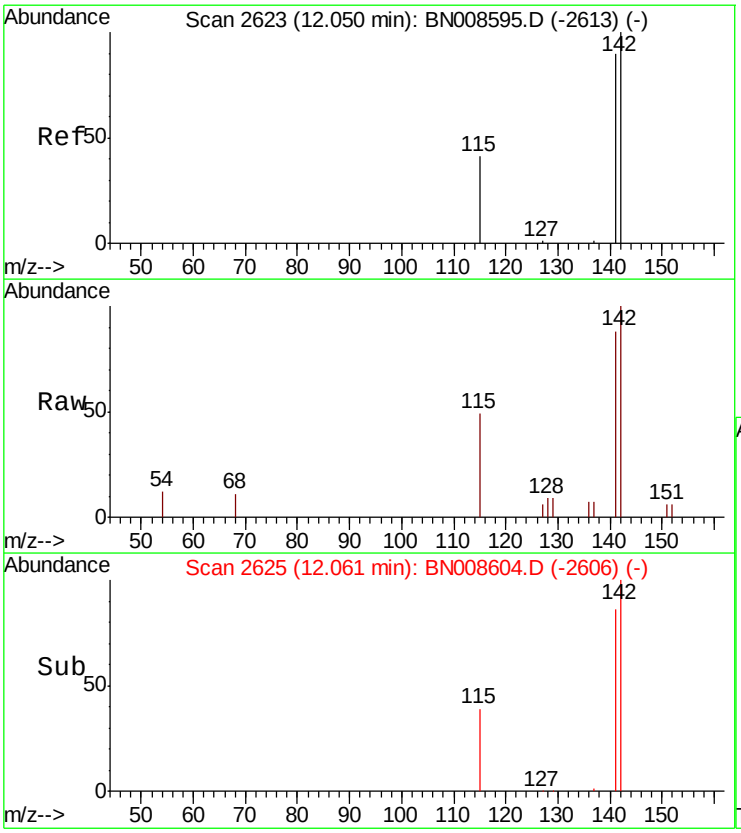

#3
Naphthalene
Concen: 0.144 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

**Instrument :**
BNA_N
**ClientSampleId :**
JLM73

Tgt Ion:128 Resp: 4736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 14.5 | 9.7 | 14.5 |
| 127 | 15.5 | 10.8 | 16.2 |

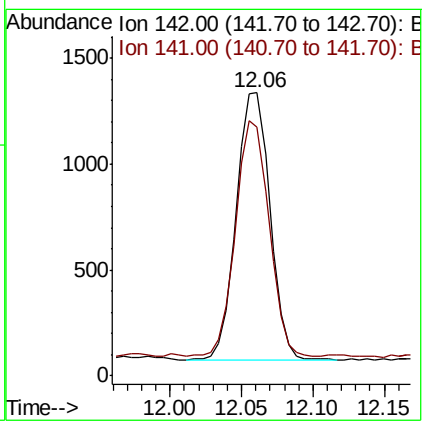


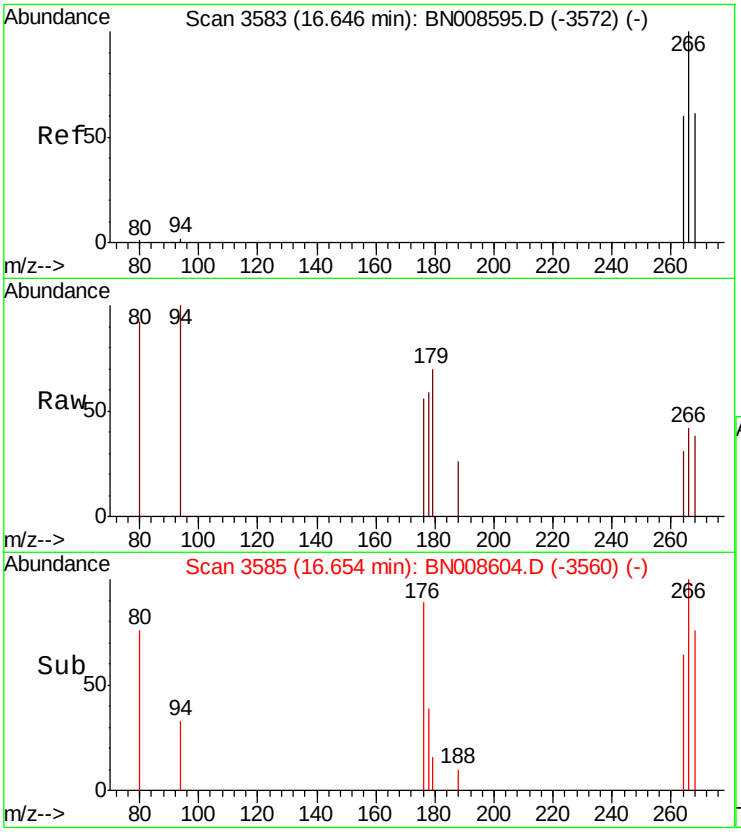




#5
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

Tgt Ion:142 Resp: 2082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.8 | 70.5 | 105.7 |



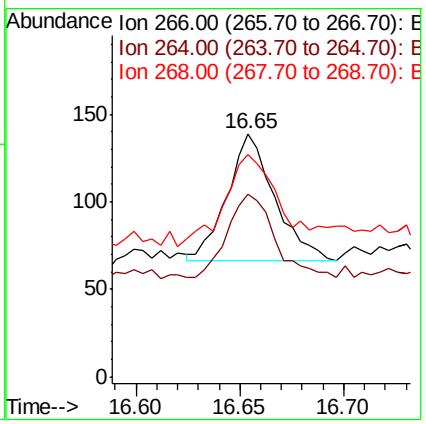


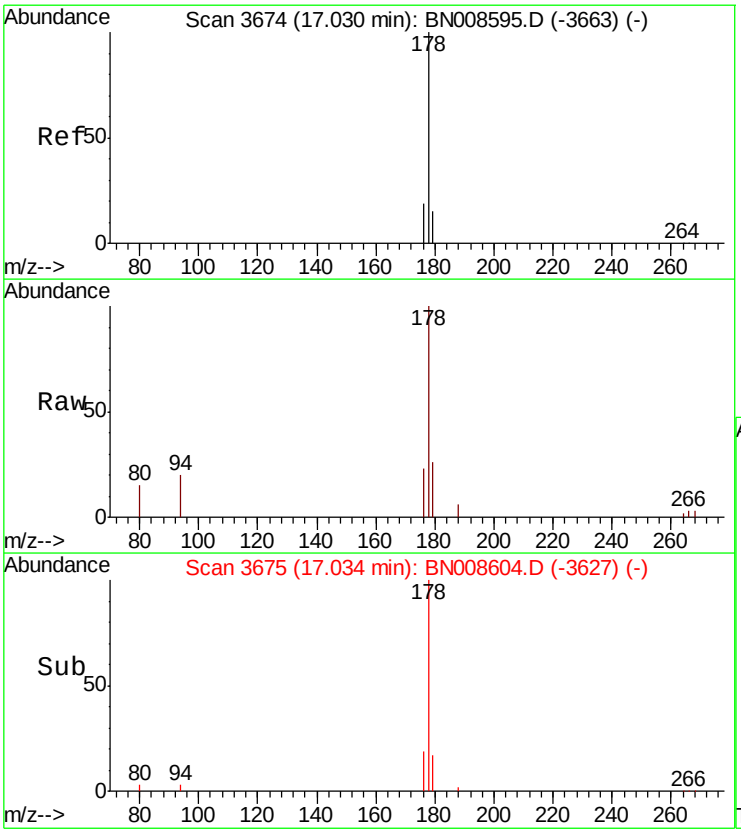

#11
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.65 min Scan# 3585
Delta R.T. 0.00 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

**Instrument :**
BNA_N
**ClientSampleId :**
JLM73

Tgt Ion:266 Resp: 116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.9 | 49.2 | 73.8 |
| 268 | 108.6 | 50.9 | 76.3# |

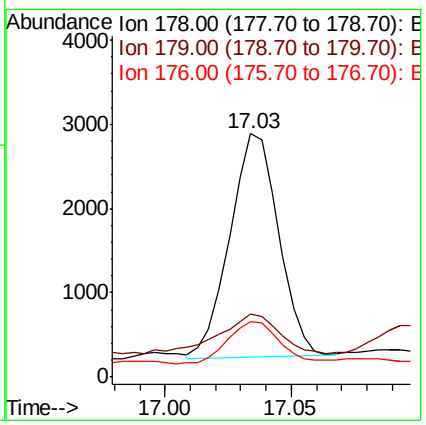


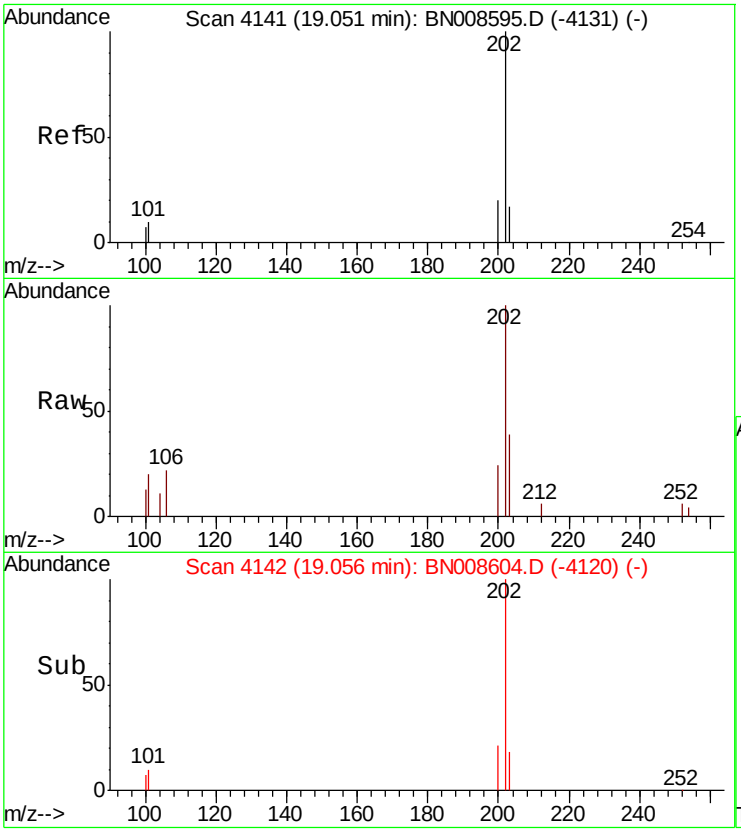




#12
Phenanthrene
Concen: 0.081 ng/ul
RT: 17.03 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

Tgt Ion:178 Resp: 3545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 25.8 | 12.8 | 19.2# |
| 176 | 23.0 | 16.0 | 24.0 |



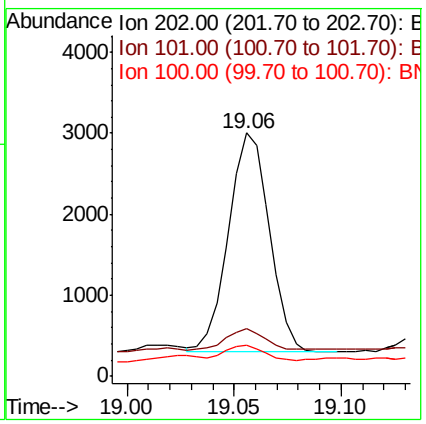


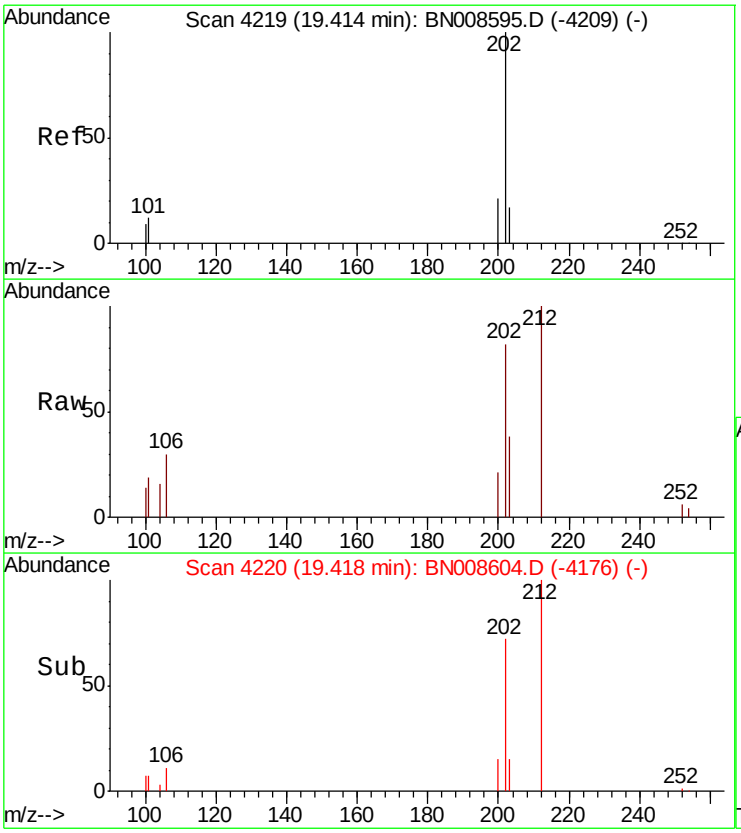

#15
Fluoranthene
Concen: 0.067 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. -0.00 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

**Instrument :**
BNA_N
**ClientSampleId :**
JLM73

Tgt Ion:202 Resp: 3602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 19.8 | 0.0 | 29.6 |
| 100 | 12.9 | 0.0 | 27.0 |

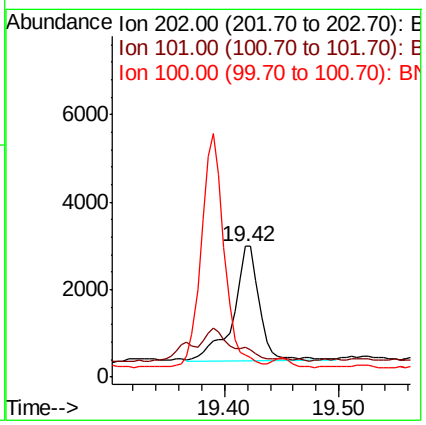


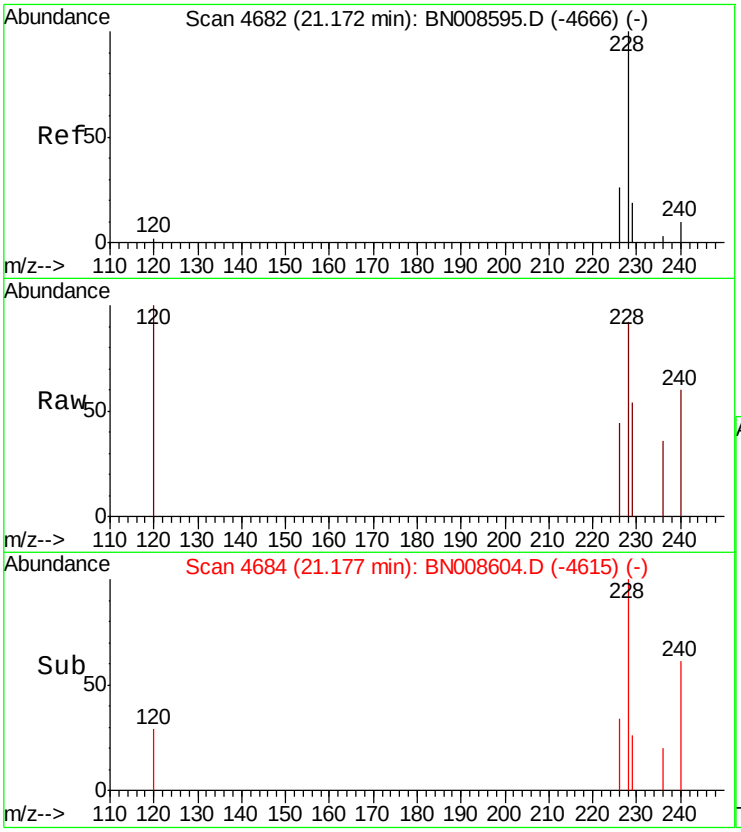




#17
Pyrene
Concen: 0.102 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

Tgt Ion:202 Resp: 4197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 22.6 | 10.2 | 15.2# |
| 100 | 16.7 | 8.2 | 12.2# |



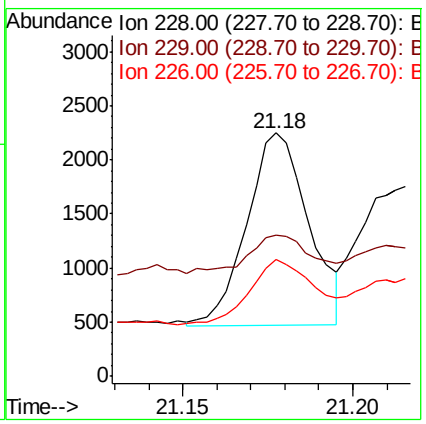


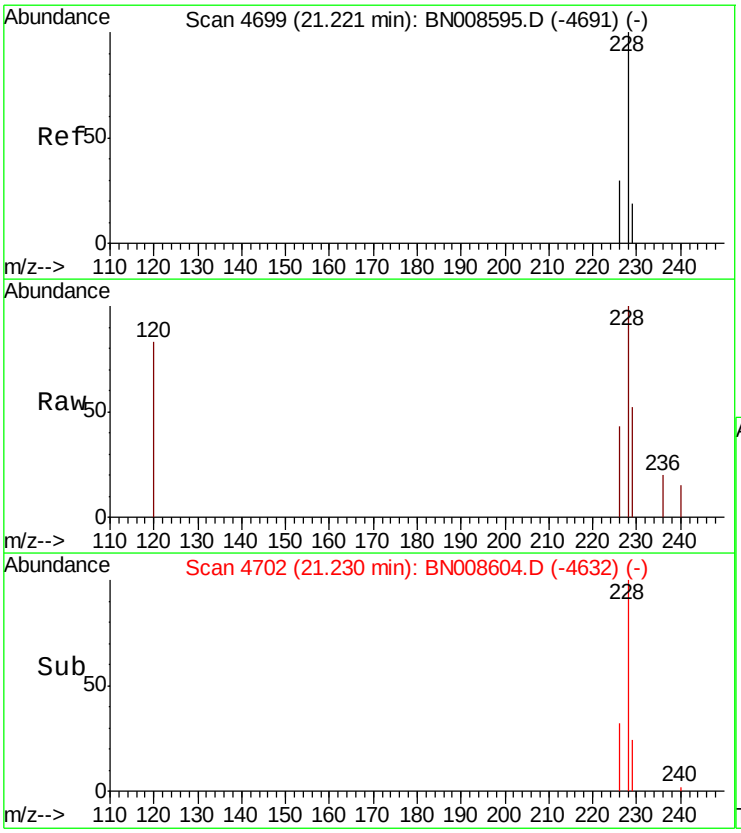

#18
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. 0.00 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

**Instrument :**
BNA_N
**ClientSampleId :**
JLM73

Tgt Ion:228 Resp: 2251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 58.1 | 15.8 | 23.6# |
| 226 | 48.1 | 21.6 | 32.4# |

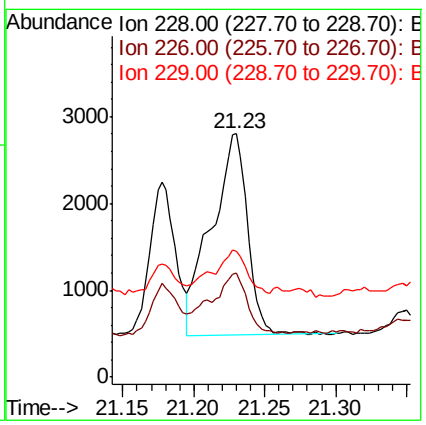


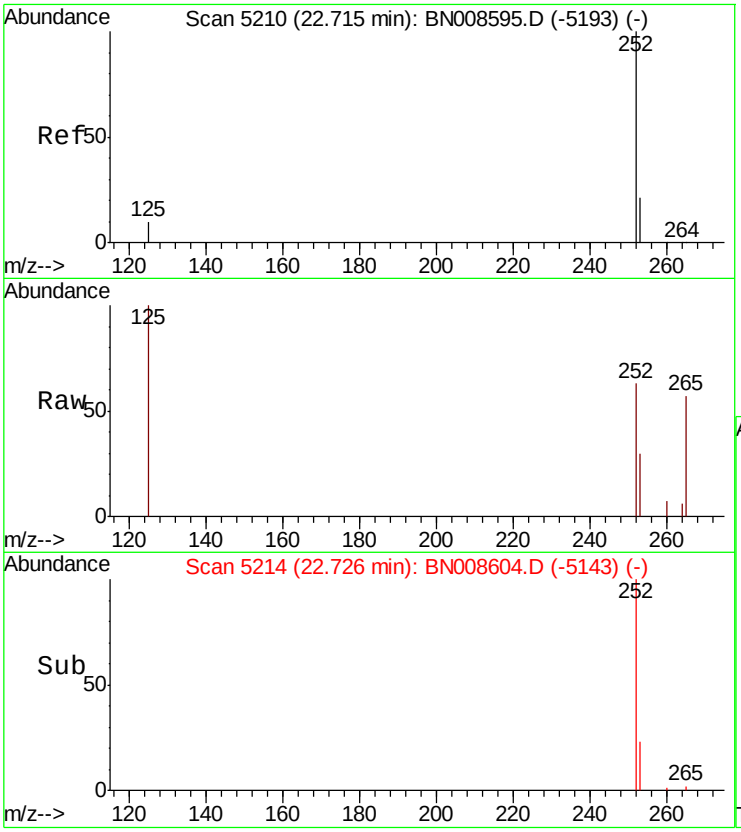




#19
Chrysene
Concen: 0.101 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.01 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

Tgt Ion:228 Resp: 4108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 43.0 | 24.5 | 36.7# |
| 229 | 51.5 | 15.5 | 23.3# |



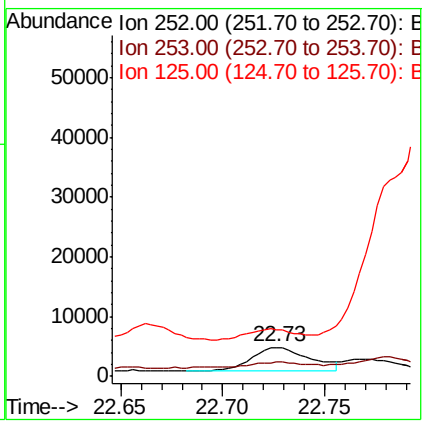


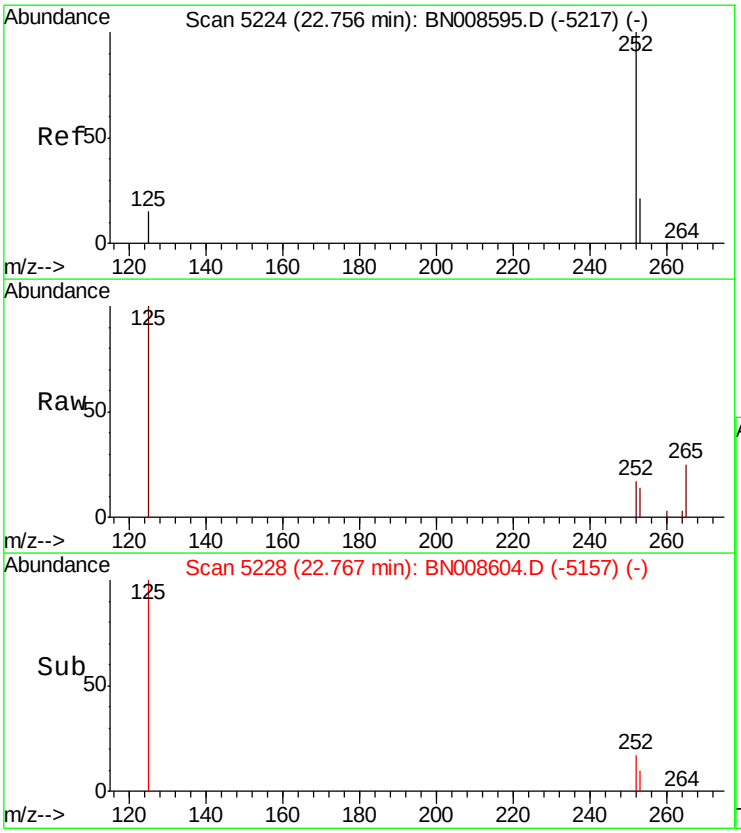

#21
Benzo(b)fluoranthene
Concen: 0.170 ng/ul
RT: 22.73 min Scan# 5214
Delta R.T. 0.01 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

**Instrument :**
BNA_N
**ClientSampleId :**
JLM73

Tgt Ion:252 Resp: 7530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 48.3 | 0.0 | 50.2 |
| 125 | 158.7 | 0.0 | 30.0# |

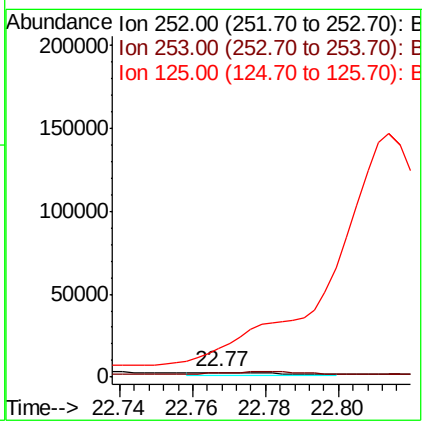


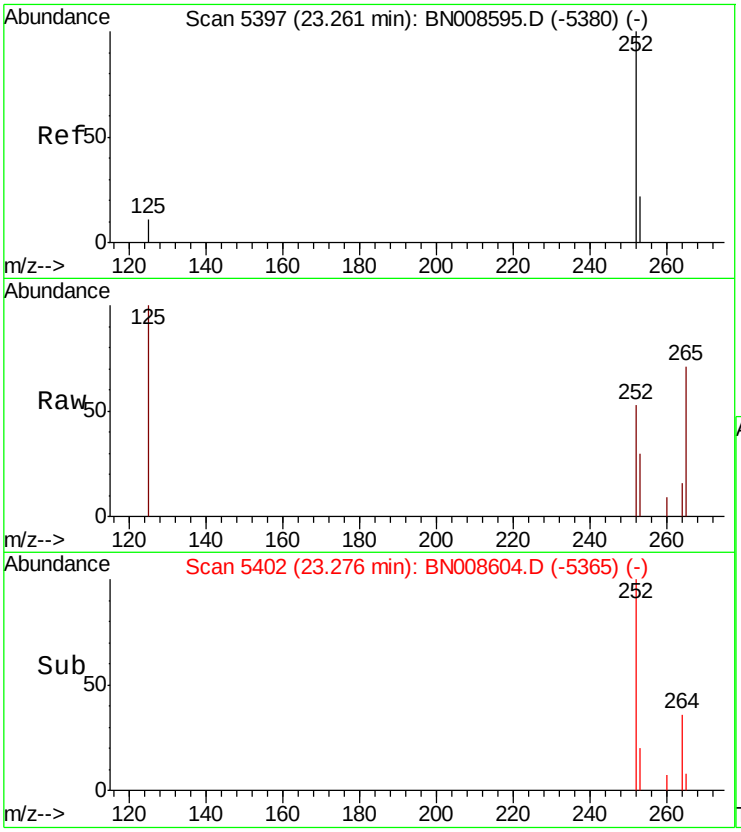




#22
Benzo(k)fluoranthene
Concen: 0.073 ng/ul
RT: 22.77 min Scan# 5228
Delta R.T. 0.01 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

Tgt Ion:252 Resp: 3209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 84.3 | 20.5 | 30.7# |
| 125 | 586.6 | 15.0 | 22.4# |



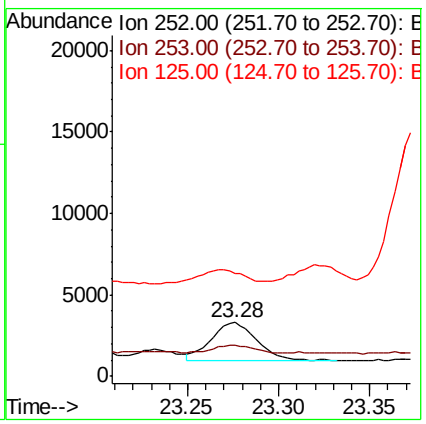


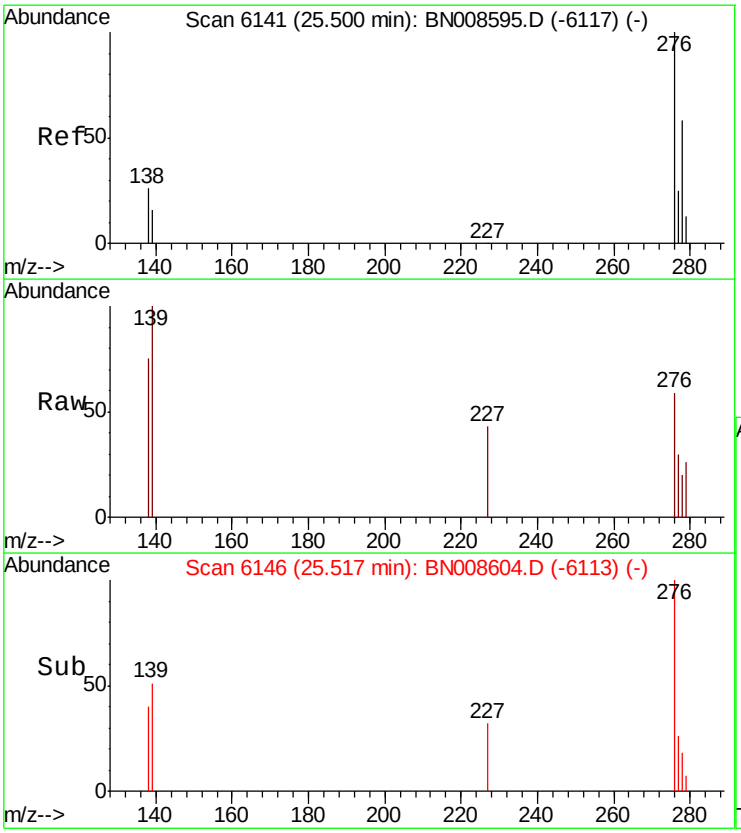

#23
Benzo(a)pyrene
Concen: 0.097 ng/ul
RT: 23.28 min Scan# 5402
Delta R.T. 0.01 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

**Instrument :**
BNA_N
**ClientSampleId :**
JLM73

Tgt Ion:252 Resp: 4025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 57.1 | 21.4 | 32.2# |
| 125 | 190.2 | 13.8 | 20.8# |

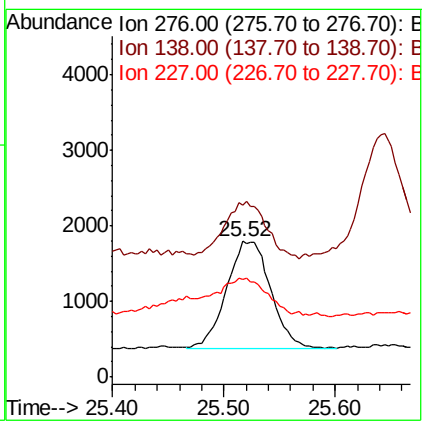


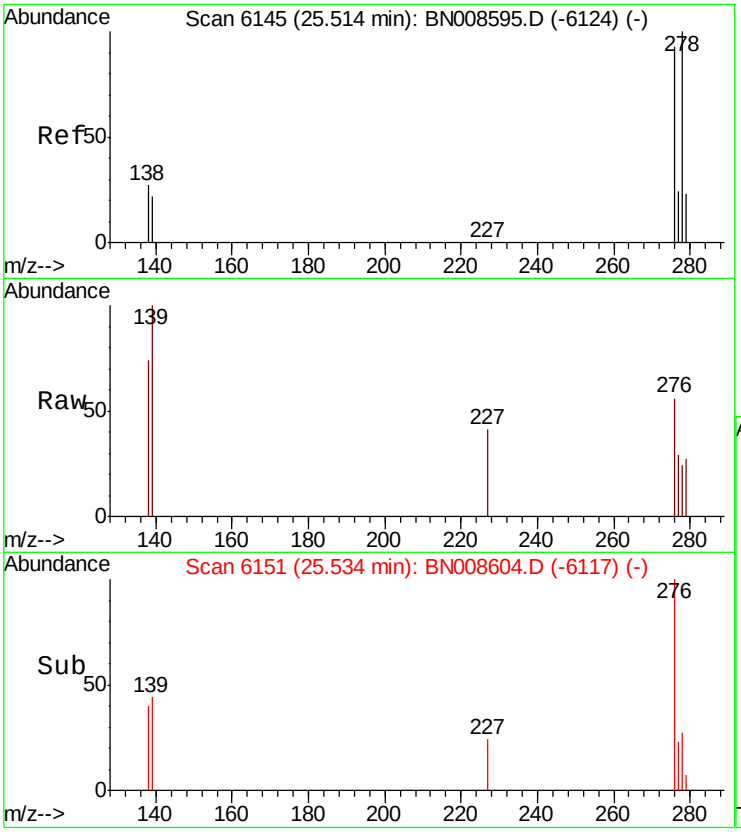




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul
RT: 25.52 min Scan# 6146
Delta R.T. 0.01 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

Tgt Ion:276 Resp: 3867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 52.2 | 21.7 | 32.5# |
| 227 | 31.3 | 0.2 | 0.2# |



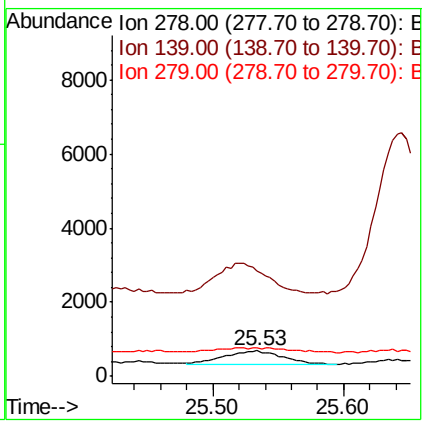


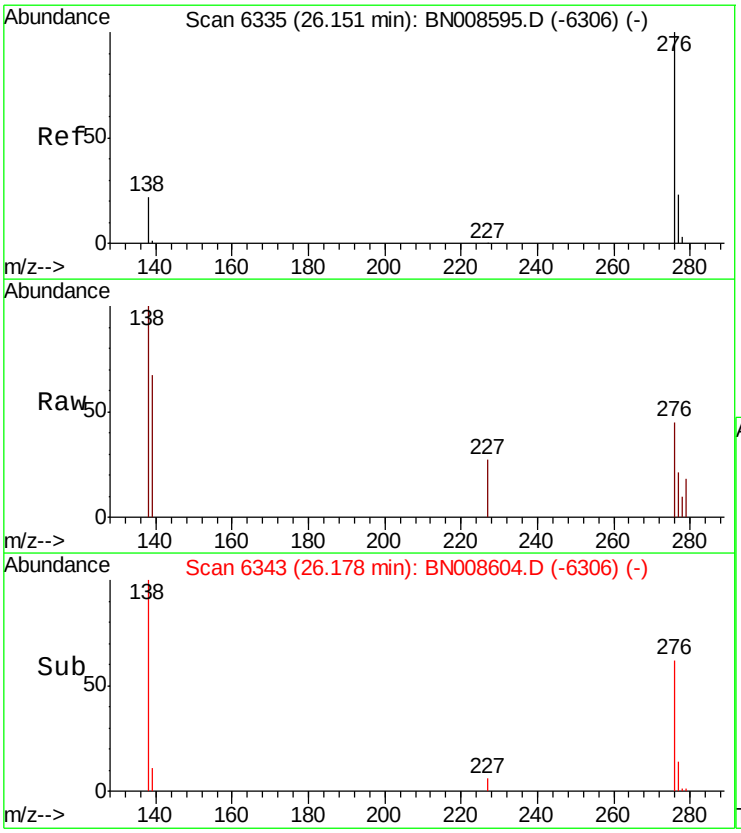

#25
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.53 min Scan# 6151
Delta R.T. 0.01 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

**Instrument :**
BNA_N
**ClientSampleId :**
JLM73

Tgt Ion:278 Resp: 1129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 413.6 | 18.7 | 28.1# |
| 279 | 109.9 | 20.8 | 31.2# |




#26
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 26.18 min Scan# 6343
Delta R.T. 0.02 min
Lab File: BN008604.D
Acq: 18 Nov 2019 15:18

Tgt Ion:276 Resp: 3947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 224.7 | 20.0 | 30.0# |
| 277 | 47.7 | 20.0 | 30.0# |