Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062719\
Data File : BN006599.D
Acq On : 27 Jun 2019 12:54
Operator : HP/JU
Sample : SSTD0.816
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 27 14:21:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 14:04:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 2549 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.40 | 136 | 10554 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.28 | 164 | 5954 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.04 | 188 | 13304 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.28 | 240 | 11974 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.54 | 264 | 12235 | 0.40 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.00 | 152 | 12958 | 0.80 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.08 | 212 | 30893 | 0.86 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.45 | 128 | 23821 | 0.818 | ng/ul | 99 |
| 5) 2-Methylnaphthalene | 12.08 | 142 | 16396 | 0.808 | ng/ul | 100 |
| 7) Acenaphthylene | 14.00 | 152 | 24583 | 0.743 | ng/ul | 99 |
| 8) Acenaphthene | 14.34 | 153 | 18832 | 0.820 | ng/ul | 99 |
| 9) Fluorene | 15.33 | 166 | 21000 | 0.782 | ng/ul | 99 |
| 11) Pentachlorophenol | 16.72 | 266 | 1462 | 0.432 | ng/ul | 93 |
| 12) Phenanthrene | 17.08 | 178 | 34397 | 0.805 | ng/ul | 99 |
| 13) Anthracene | 17.17 | 178 | 30391 | 0.745 | ng/ul | 99 |
| 15) Fluoranthene | 19.11 | 202 | 41664 | 0.884 | ng/ul | 99 |
| 17) Pyrene | 19.48 | 202 | 42982 | 0.681 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.26 | 228 | 39068 | 0.738 | ng/ul | 99 |
| 19) Chrysene | 21.32 | 228 | 42387 | 0.853 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.87 | 252 | 40547 | 0.795 | ng/ul | 97 |
| 22) Benzo(k)fluoranthene | 22.91 | 252 | 42415 | 0.854 | ng/ul | 97 |
| 23) Benzo(a)pyrene | 23.44 | 252 | 39029 | 0.821 | ng/ul | 97 |
| 24) Indeno(1,2,3-cd)pyrene | 25.78 | 276 | 39428 | 0.767 | ng/ul | 100 |
| 25) Dibenzo(a,h)anthracene | 25.79 | 278 | 31473 | 0.765 | ng/ul | 98 |
| 26) Benzo(g,h,i)perylene | 26.47 | 276 | 32830 | 0.762 | ng/ul | 99 |

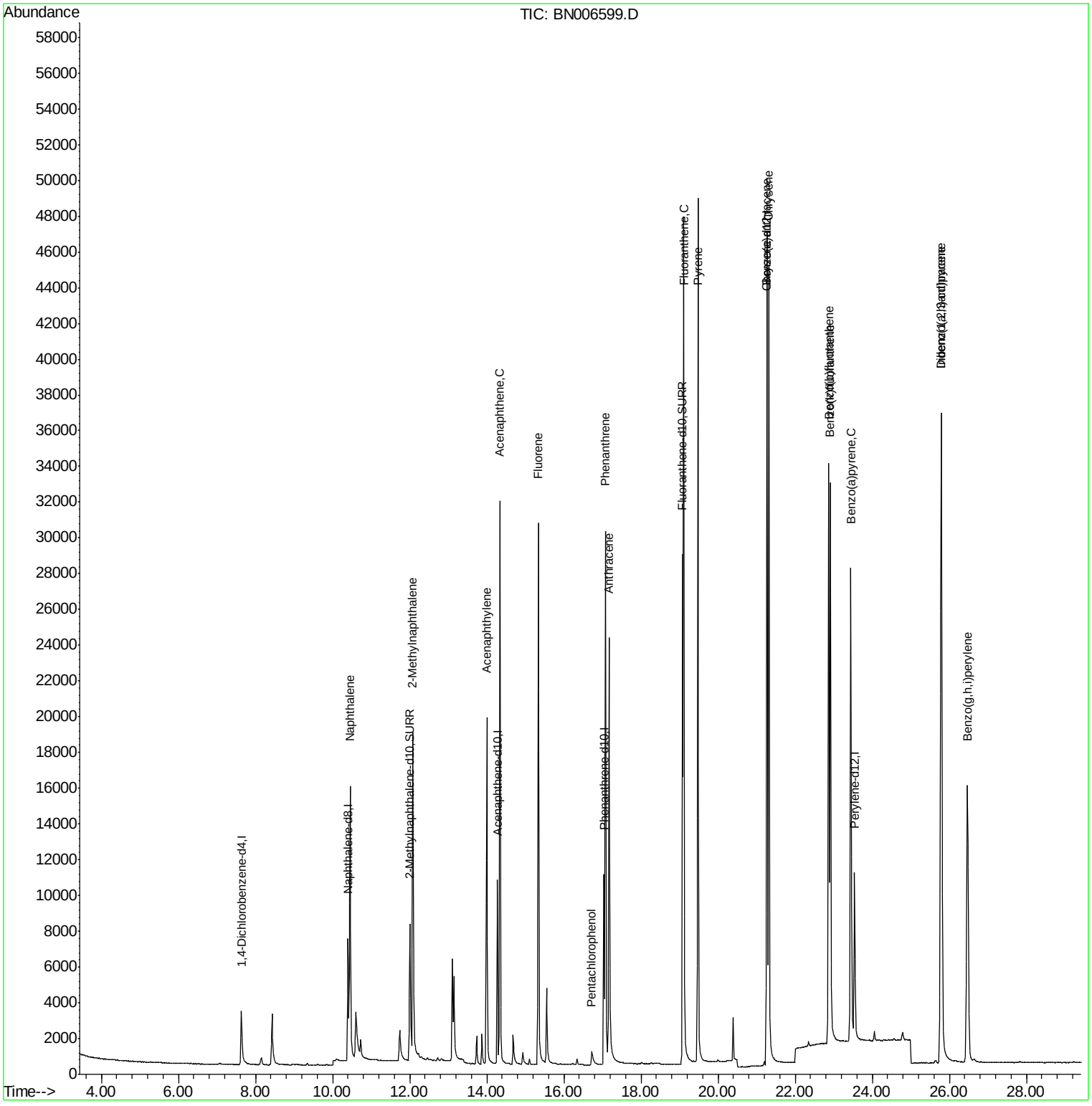
(#) = qualifier out of range (m) = manual integration (+) = signals summed

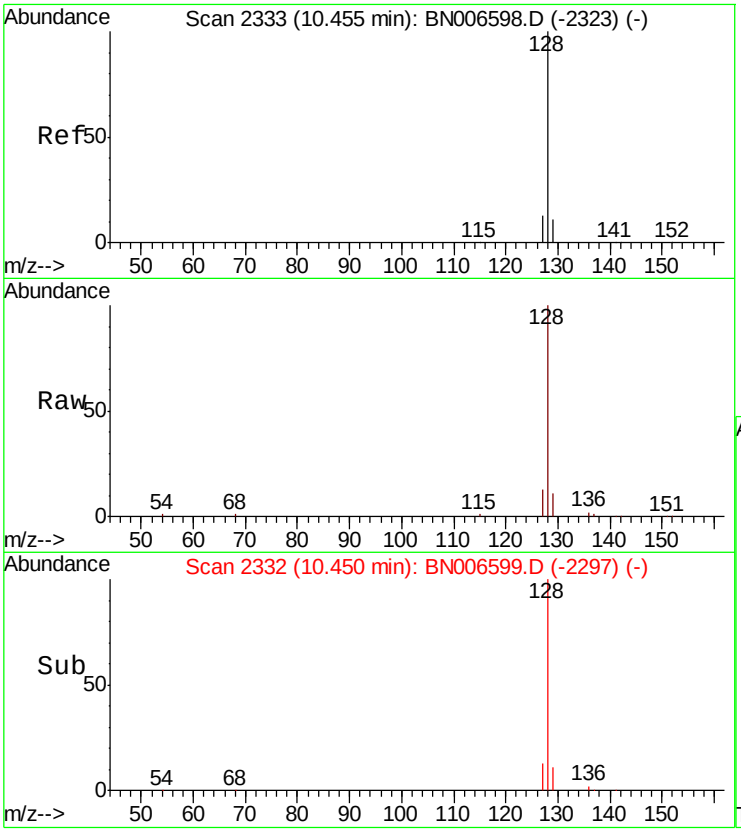
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062719\
Data File : BN006599.D
Acq On : 27 Jun 2019 12:54
Operator : HP/JU
Sample : SSTD0.816
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 27 14:21:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 14:04:30 2019
Response via : Initial Calibration



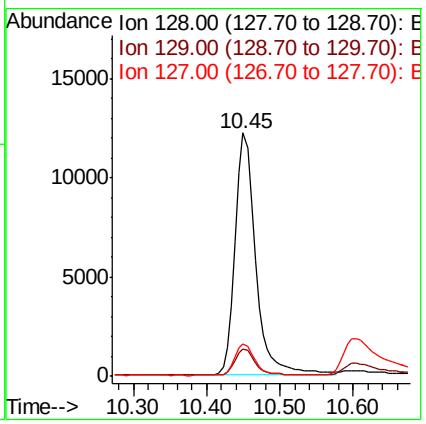


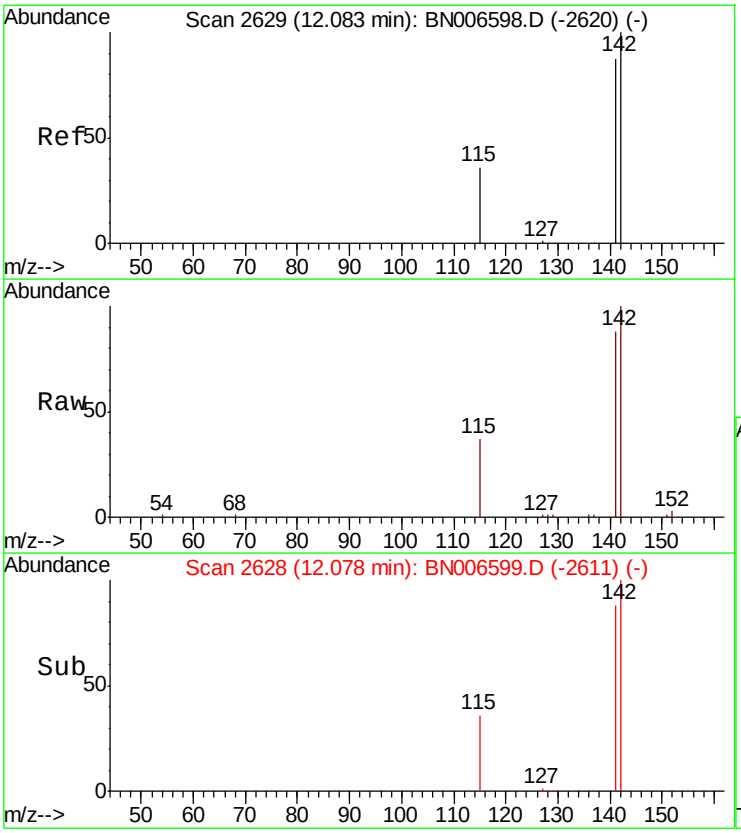

#3
Naphthalene
Concen: 0.818 ng/ul
RT: 10.45 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

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

Tgt Ion:128 Resp: 23821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.4 | 14.0 |
| 127 | 13.2 | 10.6 | 16.0 |

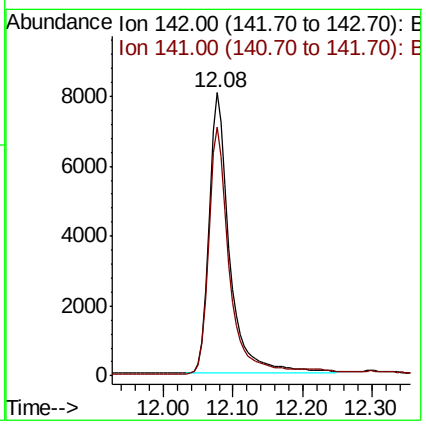


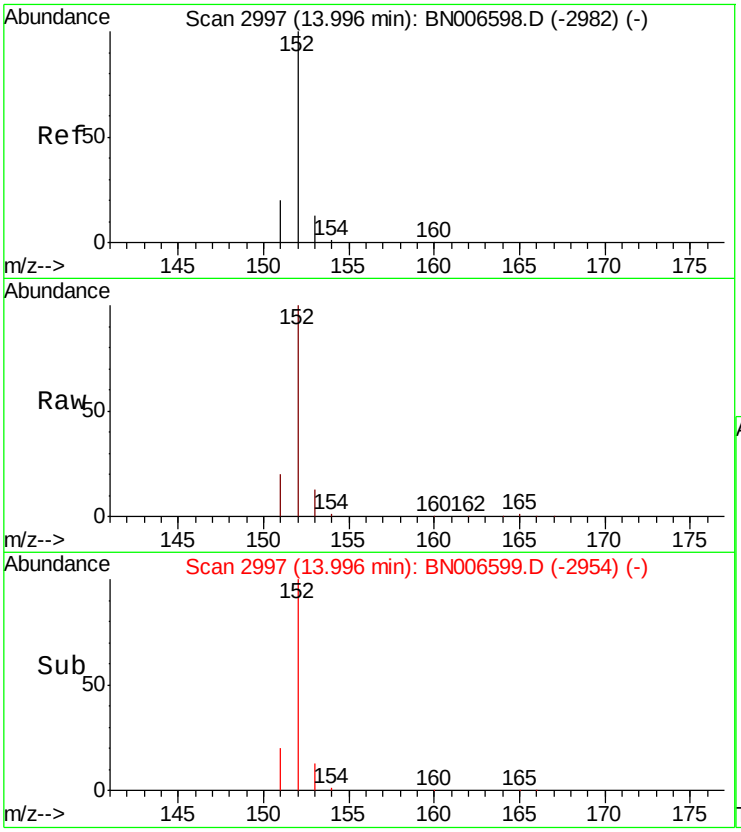




#5
2-Methylnaphthalene
Concen: 0.808 ng/ul
RT: 12.08 min Scan# 2628
Delta R.T. -0.01 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

Tgt Ion:142 Resp: 16396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.7 | 71.8 | 107.6 |



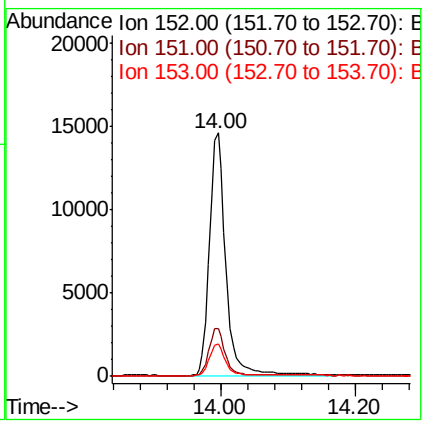


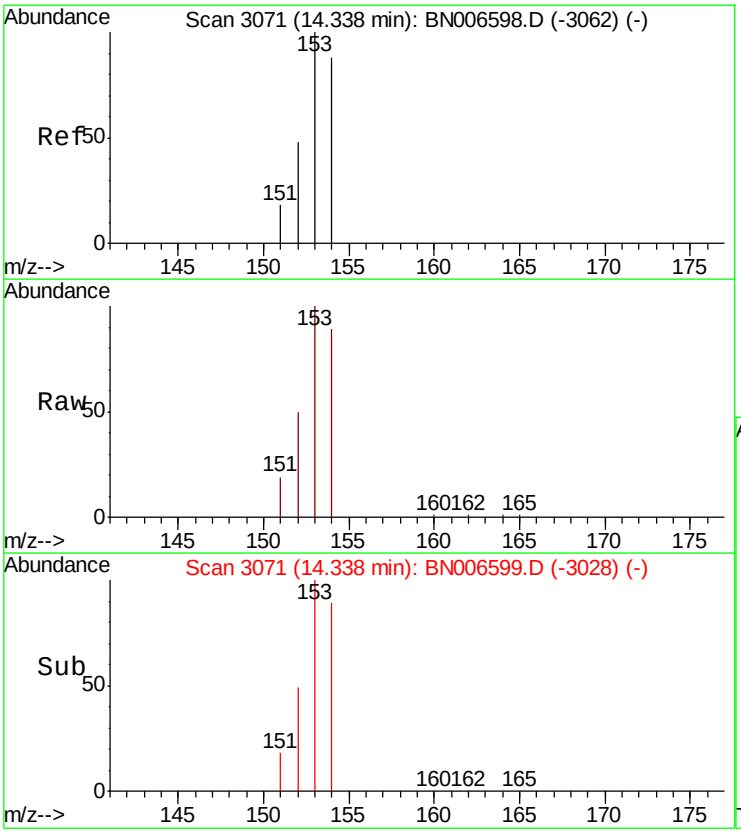

#7
Acenaphthylene
Concen: 0.743 ng/ul
RT: 14.00 min Scan# 2997
Delta R.T. -0.00 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

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

Tgt Ion:152 Resp: 24583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 16.1 | 24.1 |
| 153 | 13.2 | 11.2 | 16.8 |

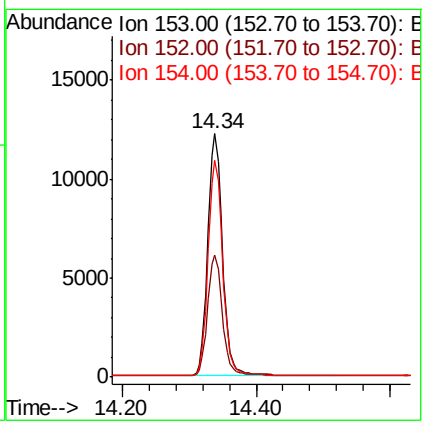


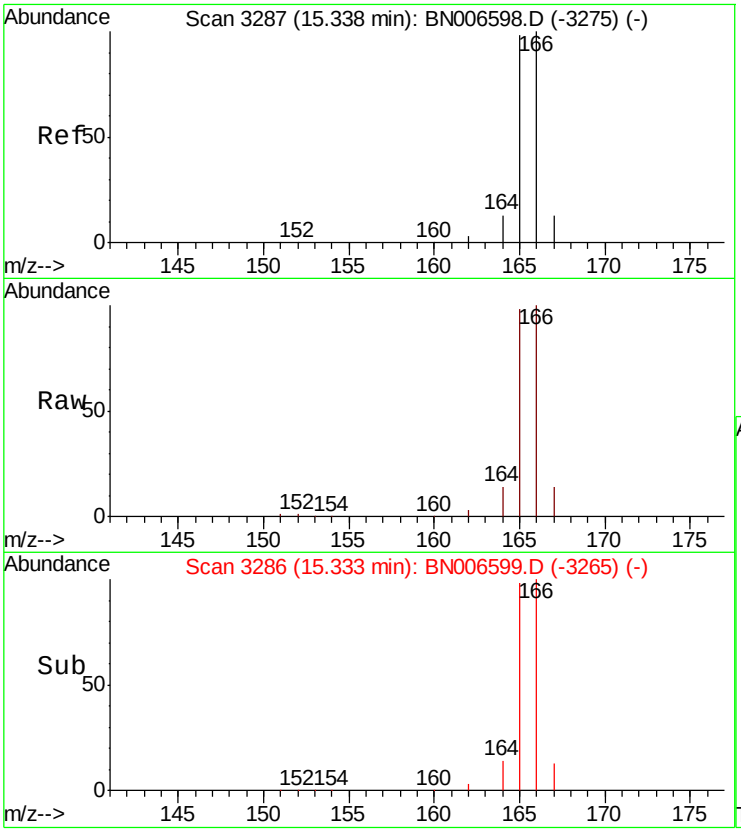




#8
Acenaphthene
Concen: 0.820 ng/ul
RT: 14.34 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

Tgt Ion:153 Resp: 18832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 50.0 | 39.3 | 58.9 |
| 154 | 88.8 | 70.6 | 105.8 |



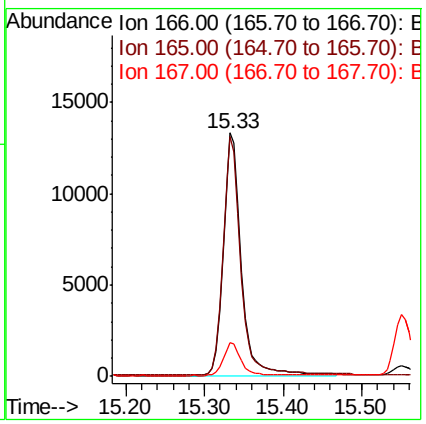


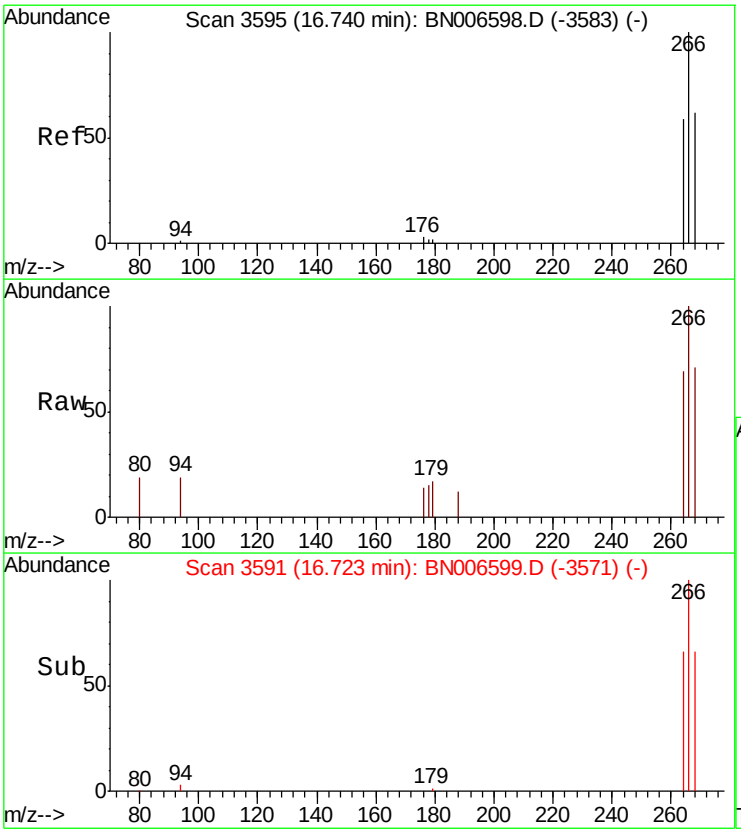

#9
Fluorene
Concen: 0.782 ng/ul
RT: 15.33 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

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

Tgt Ion:166 Resp: 21000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.2 | 78.2 | 117.4 |
| 167 | 13.6 | 11.3 | 16.9 |

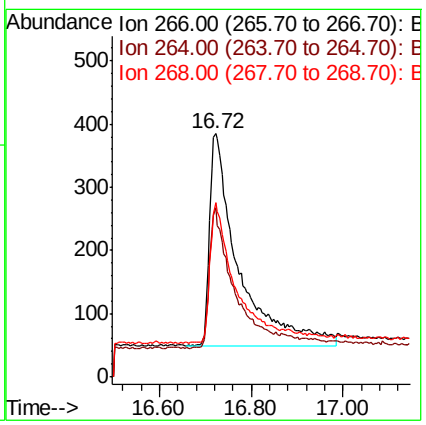


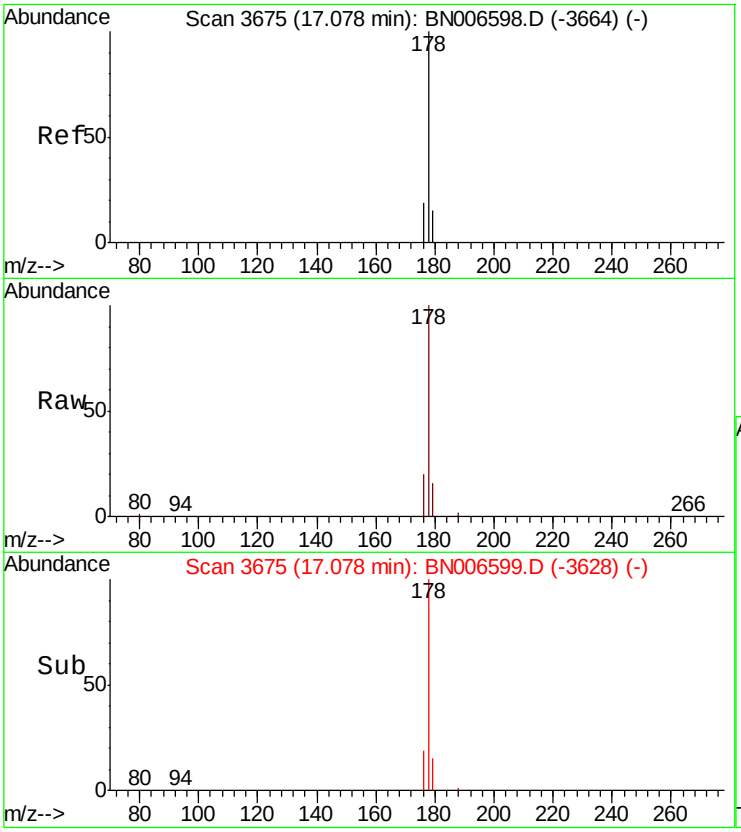




#11
Pentachlorophenol
Concen: 0.432 ng/ul
RT: 16.72 min Scan# 3591
Delta R.T. -0.02 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

Tgt Ion:266 Resp: 1462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.5 | 45.9 | 68.9 |
| 268 | 64.1 | 48.1 | 72.1 |



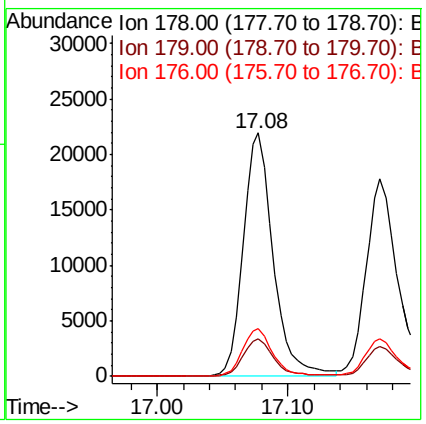


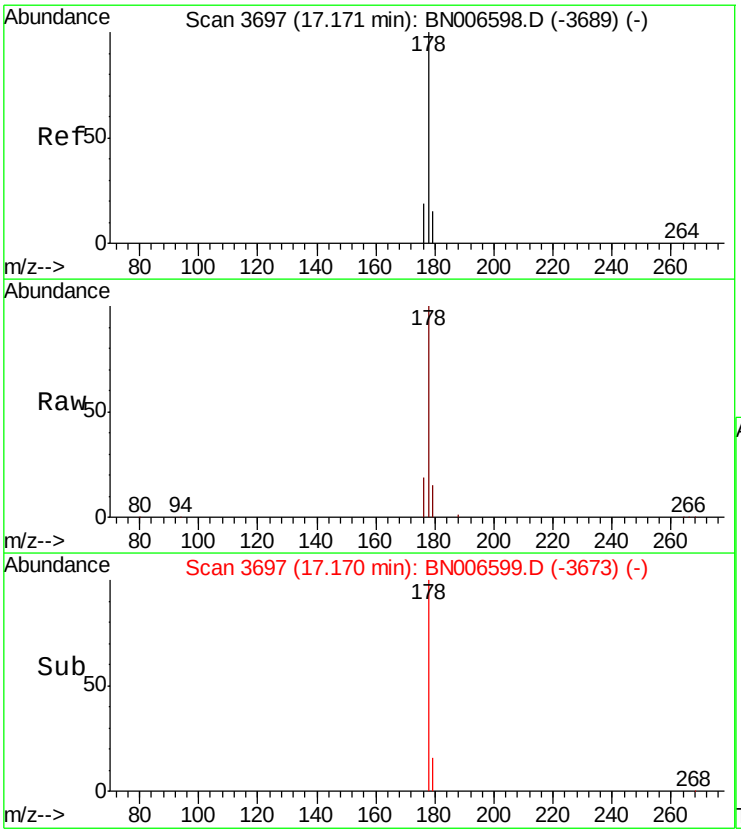

#12
Phenanthrene
Concen: 0.805 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

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

Tgt Ion:178 Resp: 34397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.6 | 12.6 | 19.0 |
| 176 | 19.5 | 15.8 | 23.8 |

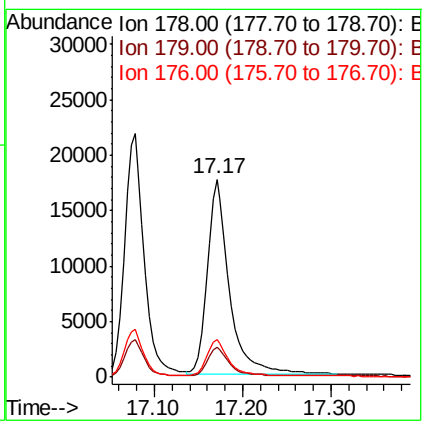


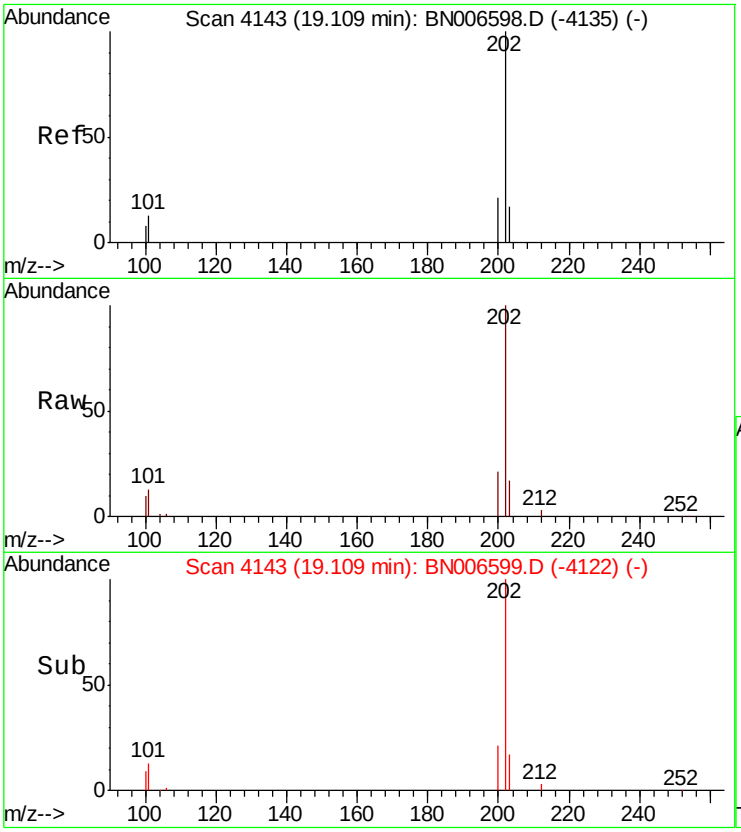




#13
Anthracene
Concen: 0.745 ng/ul
RT: 17.17 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

Tgt Ion:178 Resp: 30391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.4 | 12.7 | 19.1 |
| 176 | 19.0 | 15.8 | 23.6 |



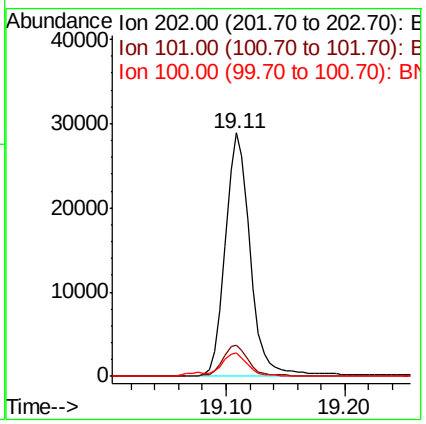


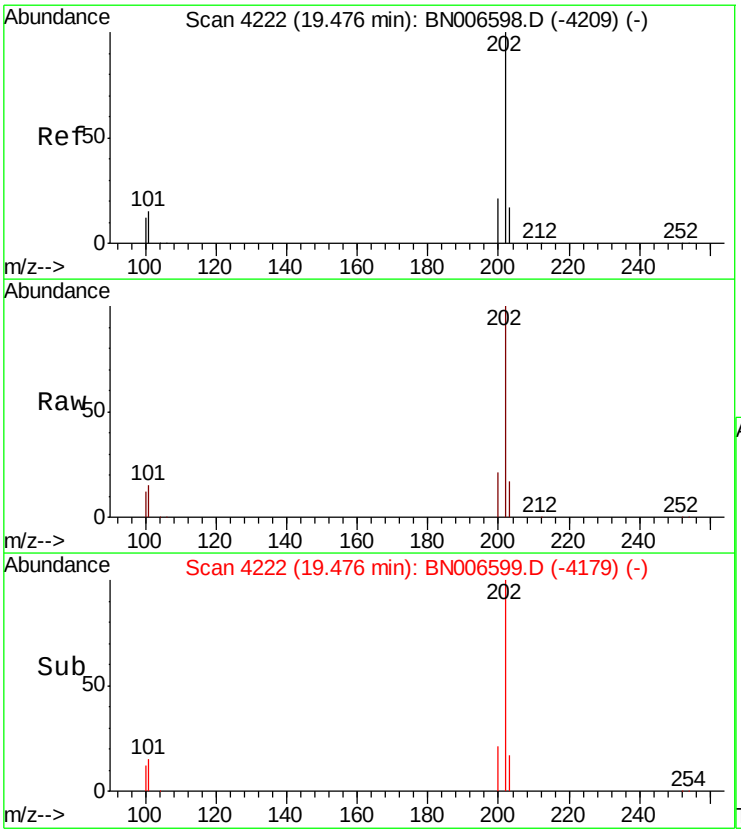

#15
Fluoranthene
Concen: 0.884 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. -0.00 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

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

Tgt Ion:202 Resp: 41664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.9 | 0.0 | 33.2 |
| 100 | 9.6 | 0.0 | 29.9 |

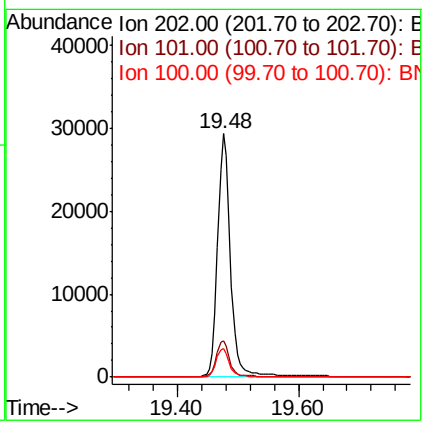


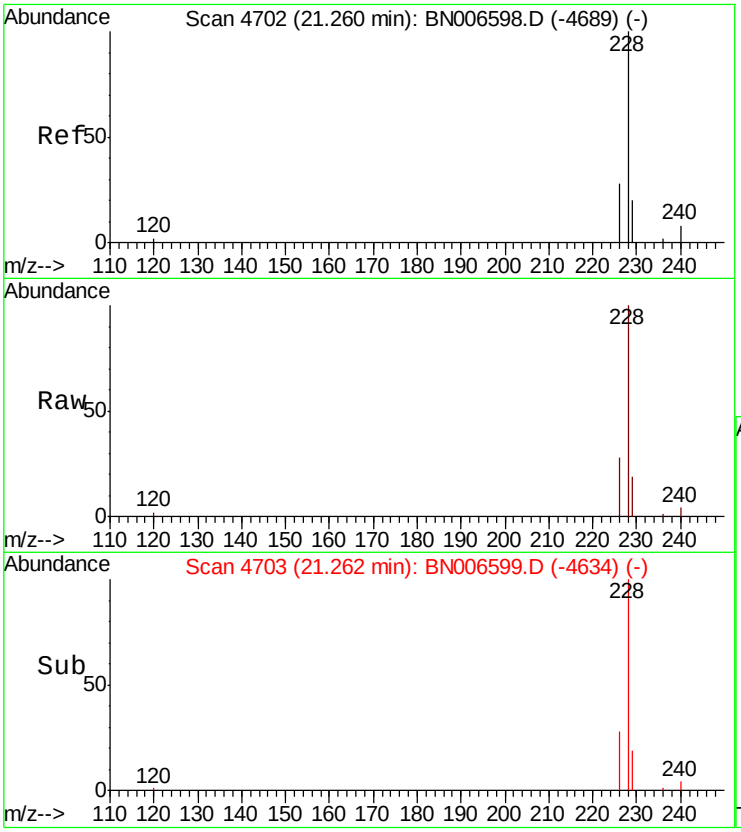




#17
Pyrene
Concen: 0.681 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

Tgt Ion:202 Resp: 42982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.0 | 12.2 | 18.2 |
| 100 | 11.8 | 9.8 | 14.8 |



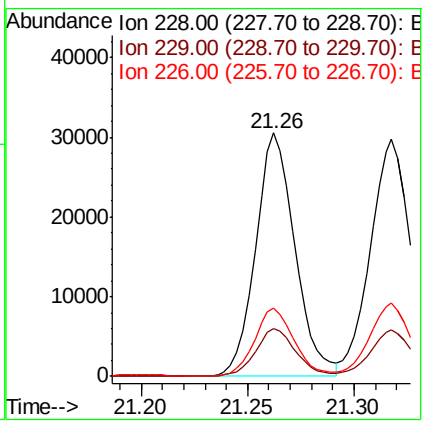


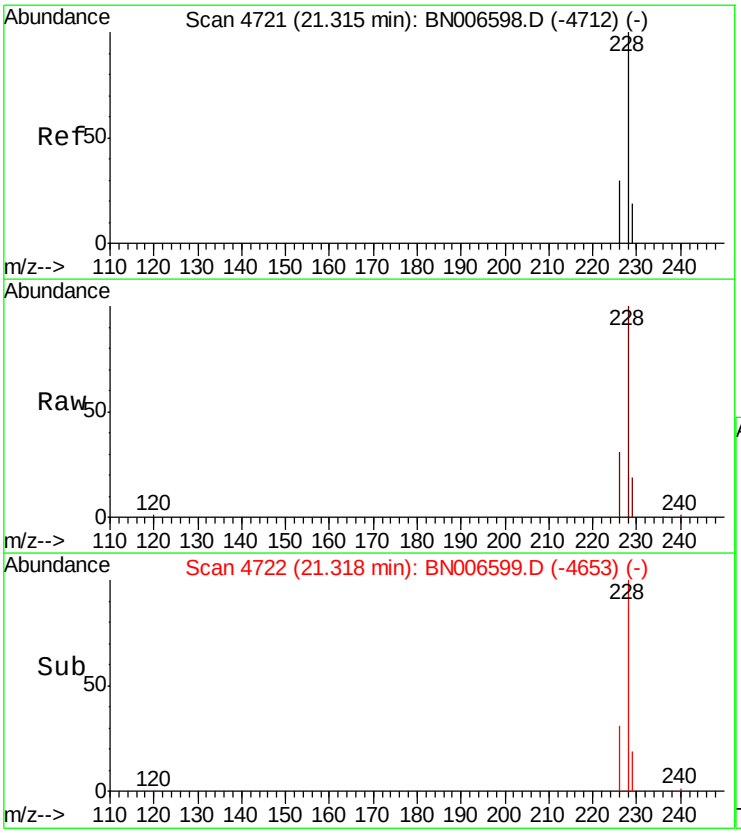

#18
Benzo(a)anthracene
Concen: 0.738 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. 0.00 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

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

Tgt Ion:228 Resp: 39068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.5 | 15.9 | 23.9 |
| 226 | 27.9 | 22.6 | 34.0 |

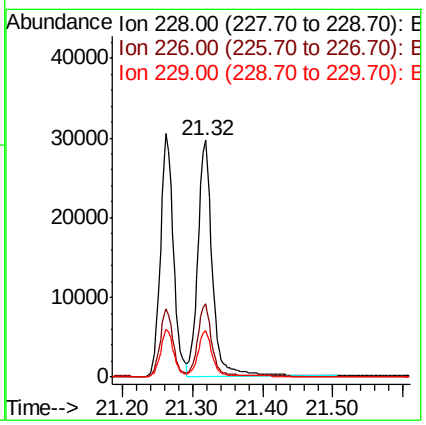


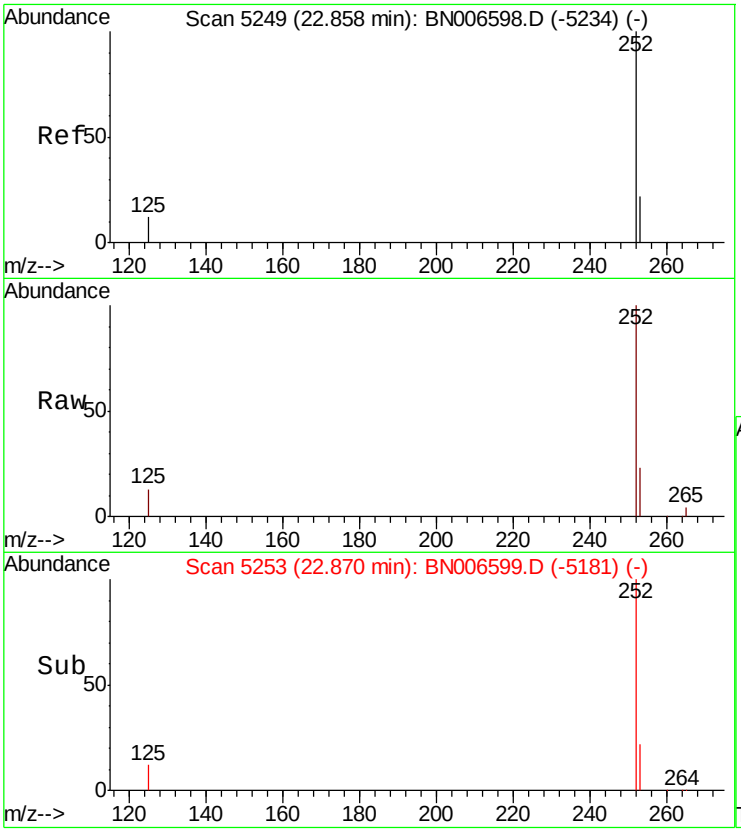




#19
Chrysene
Concen: 0.853 ng/ul
RT: 21.32 min Scan# 4722
Delta R.T. 0.00 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

Tgt Ion:228 Resp: 42387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.2 | 36.4 |
| 229 | 19.4 | 15.5 | 23.3 |



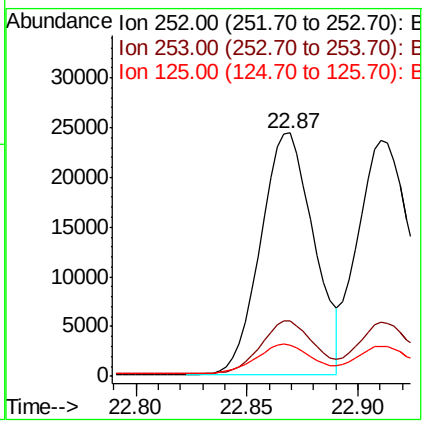


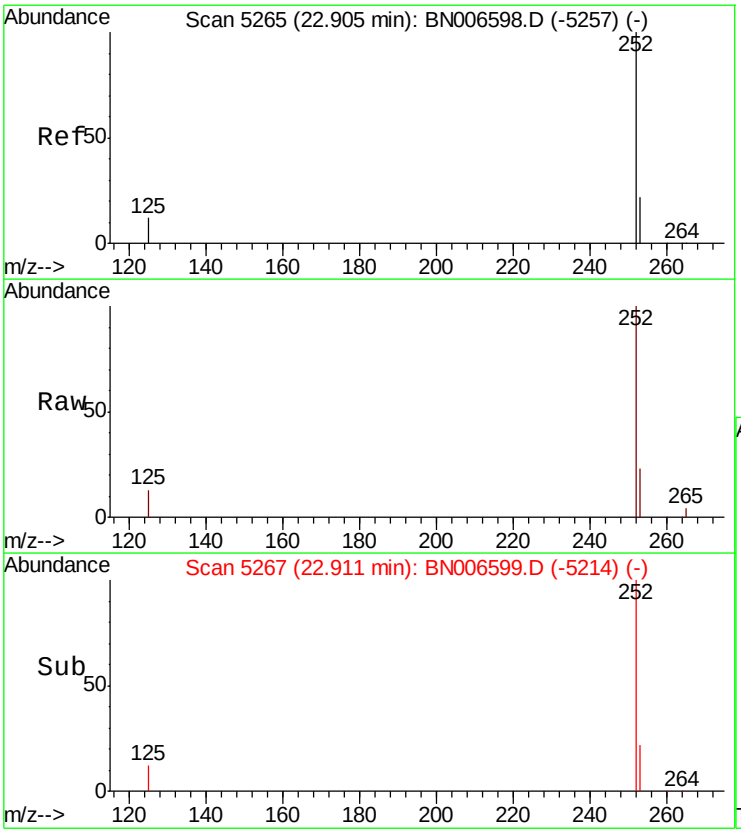

#21
Benzo(b)fluoranthene
Concen: 0.795 ng/ul
RT: 22.87 min Scan# 5253
Delta R.T. 0.01 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

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

Tgt Ion:252 Resp: 40547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 0.0 | 47.8 |
| 125 | 12.8 | 0.0 | 29.2 |

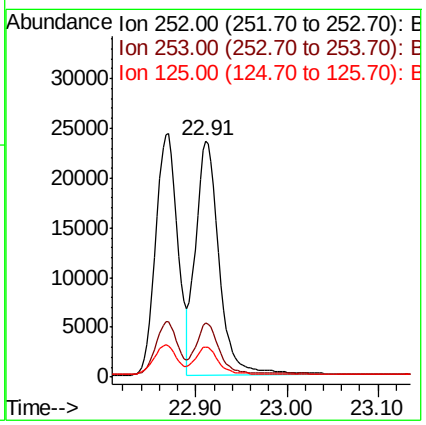


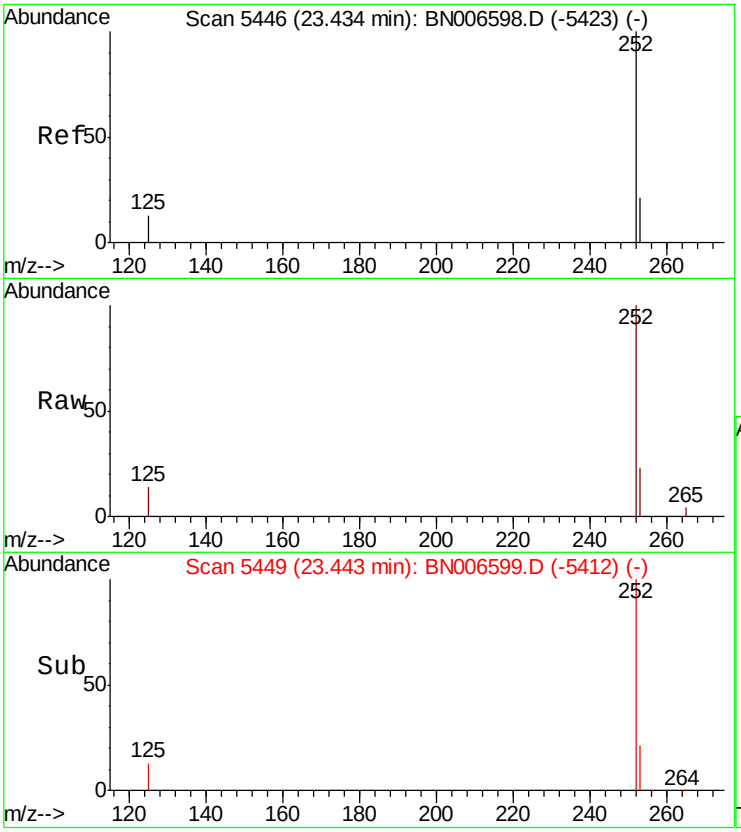




#22
Benzo(k)fluoranthene
Concen: 0.854 ng/ul
RT: 22.91 min Scan# 5267
Delta R.T. 0.01 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

Tgt Ion:252 Resp: 42415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 19.2 | 28.8 |
| 125 | 12.6 | 11.0 | 16.6 |



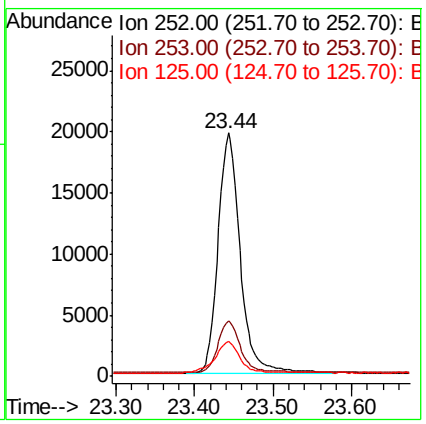


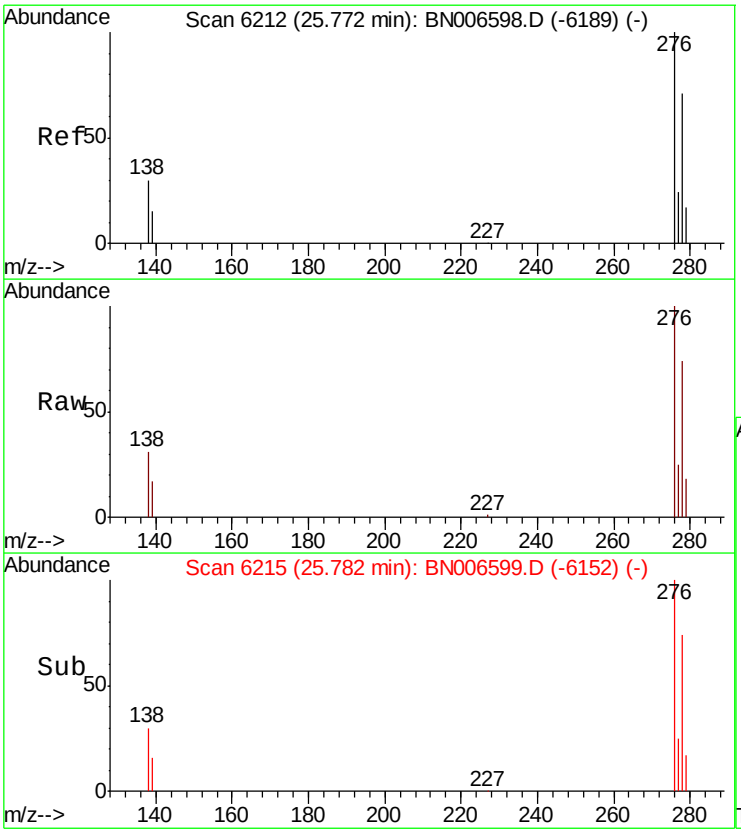

#23
Benzo(a)pyrene
Concen: 0.821 ng/ul
RT: 23.44 min Scan# 5449
Delta R.T. 0.01 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

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

Tgt Ion:252 Resp: 39029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 19.4 | 29.2 |
| 125 | 14.3 | 12.6 | 19.0 |

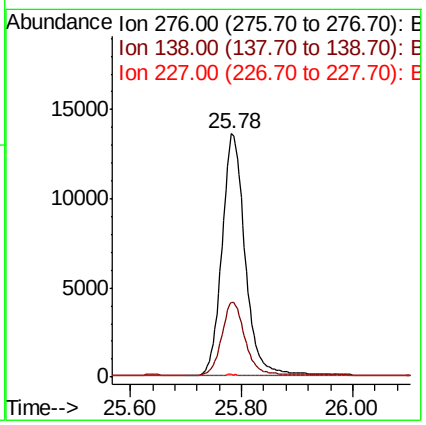


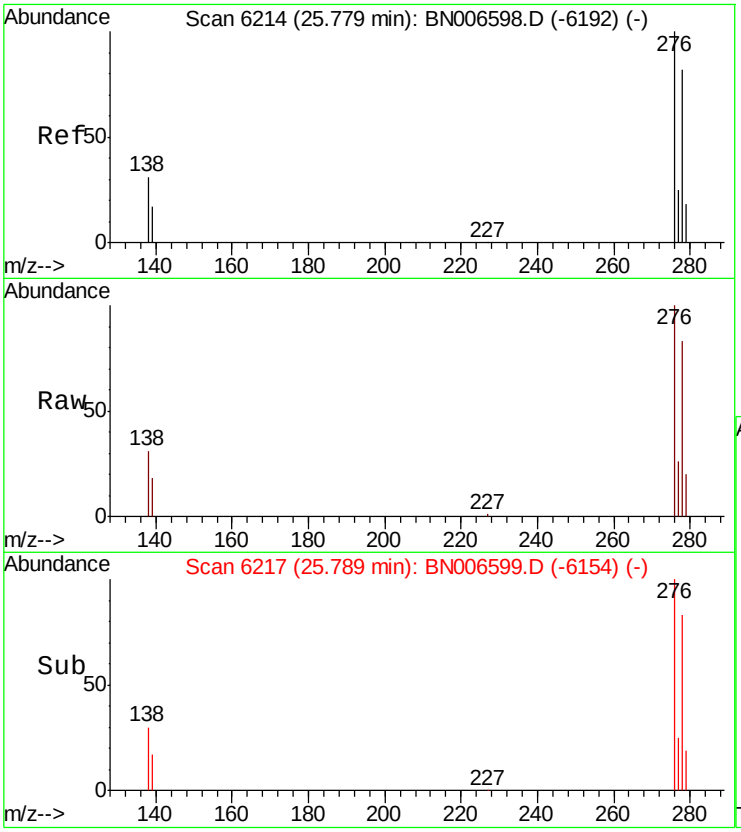




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.767 ng/ul
RT: 25.78 min Scan# 6215
Delta R.T. 0.01 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

Tgt Ion:276 Resp: 39428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.6 | 24.3 | 36.5 |
| 227 | 0.3 | 0.2 | 0.4 |



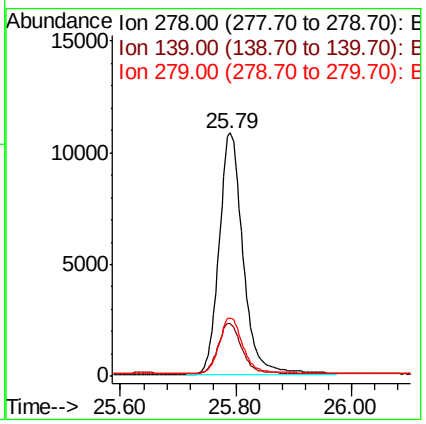


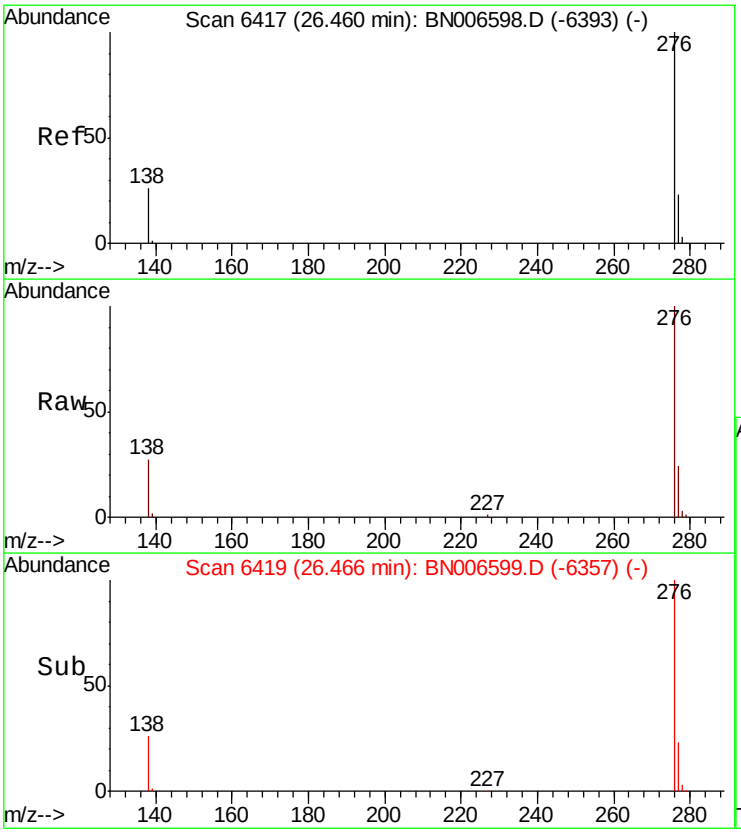

#25
Dibenzo(a,h)anthracene
Concen: 0.765 ng/ul
RT: 25.79 min Scan# 6217
Delta R.T. 0.01 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

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

Tgt Ion:278 Resp: 31473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.8 | 18.1 | 27.1 |
| 279 | 23.9 | 19.8 | 29.6 |




#26
Benzo(g,h,i)perylene
Concen: 0.762 ng/ul
RT: 26.47 min Scan# 6419
Delta R.T. 0.01 min
Lab File: BN006599.D
Acq: 27 Jun 2019 12:54

Tgt Ion:276 Resp: 32830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.0 | 22.2 | 33.2 |
| 277 | 23.9 | 19.5 | 29.3 |