Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032294.D
Acq On : 27 Jun 2024 23:43
Operator : MA/JU
Sample : P2909-02DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Quant Time: Jun 28 00:28:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.620 | 152 | 9920 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.393 | 136 | 29841 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.262 | 164 | 15867 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.016 | 188 | 27104 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.217 | 240 | 19673 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.433 | 264 | 23989 | 0.400 | ng/ul | #-0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.156 | 96 | 8020 | 0.727 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.993 | 152 | 2225 | 0.050 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.055 | 212 | 3724 | 0.063 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.442 | 128 | 2520 | 0.032 | ng/ul# | 85 |
| 7) 2-Methylnaphthalene | 12.070 | 142 | 1191 | 0.023 | ng/ul | 98 |
| 10) Acenaphthylene | 13.985 | 152 | 22527 | 0.341 | ng/ul | 98 |
| 11) Acenaphthene | 14.327 | 153 | 1647 | 0.032 | ng/ul# | 92 |
| 12) Fluorene | 15.317 | 166 | 4300 | 0.070 | ng/ul# | 93 |
| 15) Phenanthrene | 17.058 | 178 | 67021 | 0.902 | ng/ul | 99 |
| 16) Anthracene | 17.151 | 178 | 19971 | 0.301 | ng/ul# | 95 |
| 19) Fluoranthene | 19.083 | 202 | 122807 | 1.639 | ng/ul | 98 |
| 20) Pyrene | 19.445 | 202 | 108617 | 1.387 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.200 | 228 | 56636 | 0.798 | ng/ul# | 86 |
| 22) Chrysene | 21.252 | 228 | 66084 | 0.848 | ng/ul# | 87 |
| 24) Benzo(b)fluoranthene | 22.769 | 252 | 144137 | 1.383 | ng/ul | 81 |
| 26) Benzo(a)pyrene | 23.336 | 252 | 50419 | 0.695 | ng/ul# | 85 |
| 27) Indeno(1,2,3-cd)pyrene | 25.673 | 276 | 53001 | 0.467 | ng/ul# | 95 |
| 28) Dibenzo(a,h)anthracene | 25.680 | 278 | 16821 | 0.199 | ng/ul# | 44 |
| 29) Benzo(g,h,i)perylene | 26.361 | 276 | 10071 | 0.111 | ng/ul# | 50 |

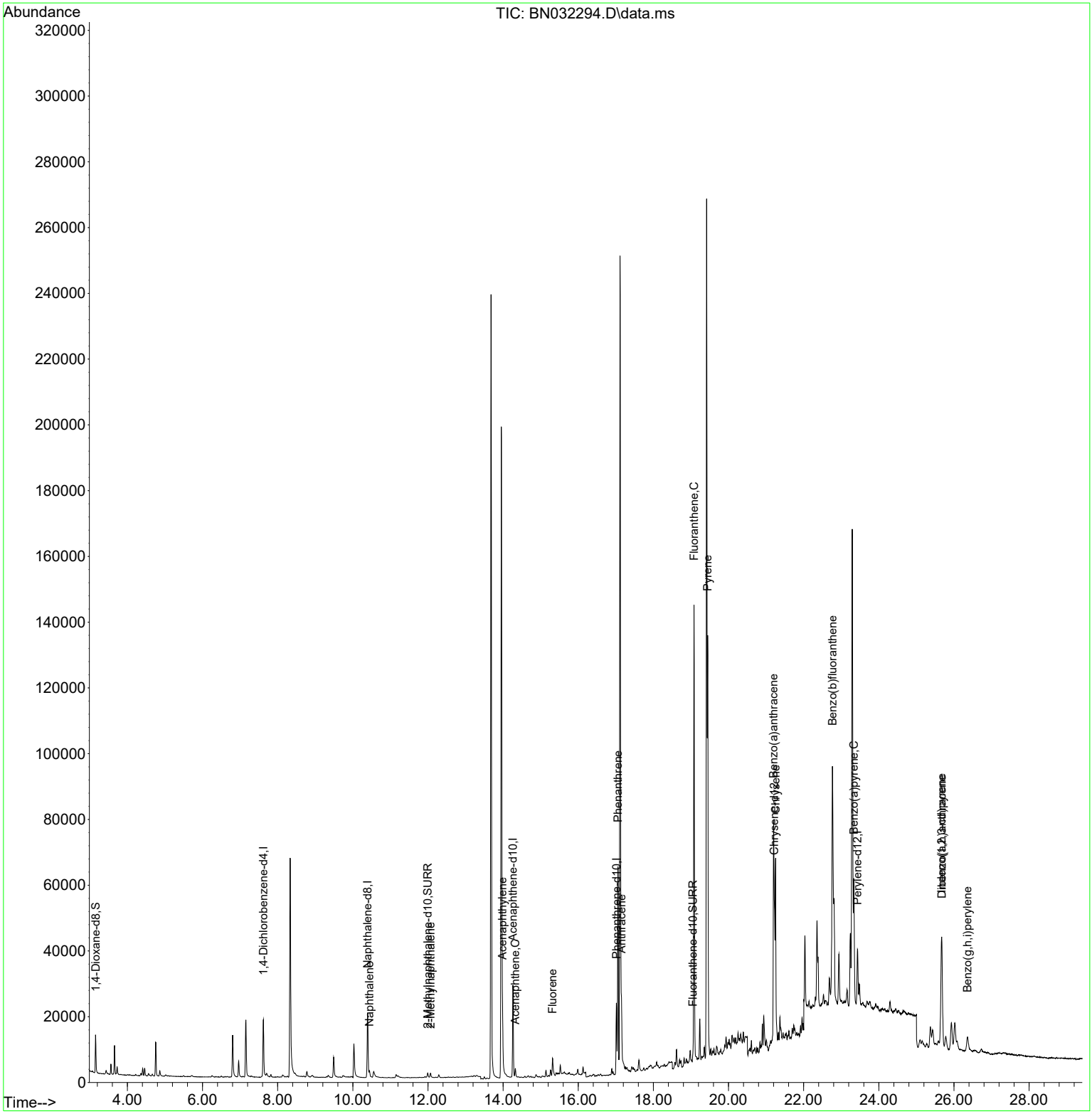
(#) = qualifier out of range (m) = manual integration (+) = signals summed

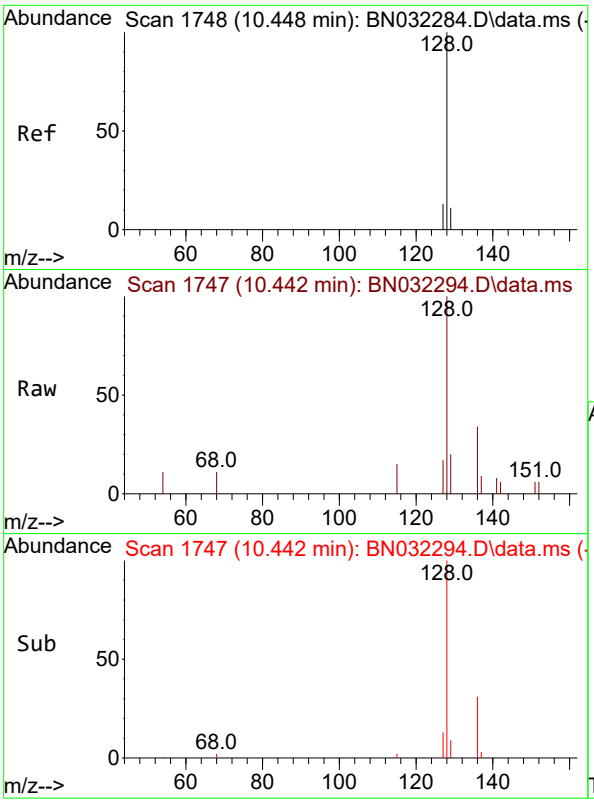
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032294.D
Acq On : 27 Jun 2024 23:43
Operator : MA/JU
Sample : P2909-02DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Quant Time: Jun 28 00:28:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



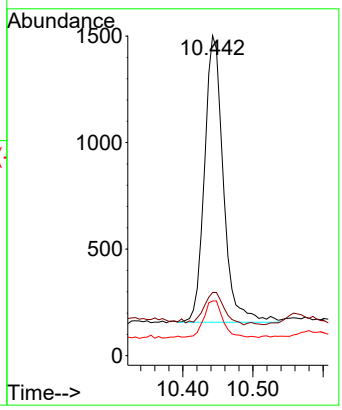


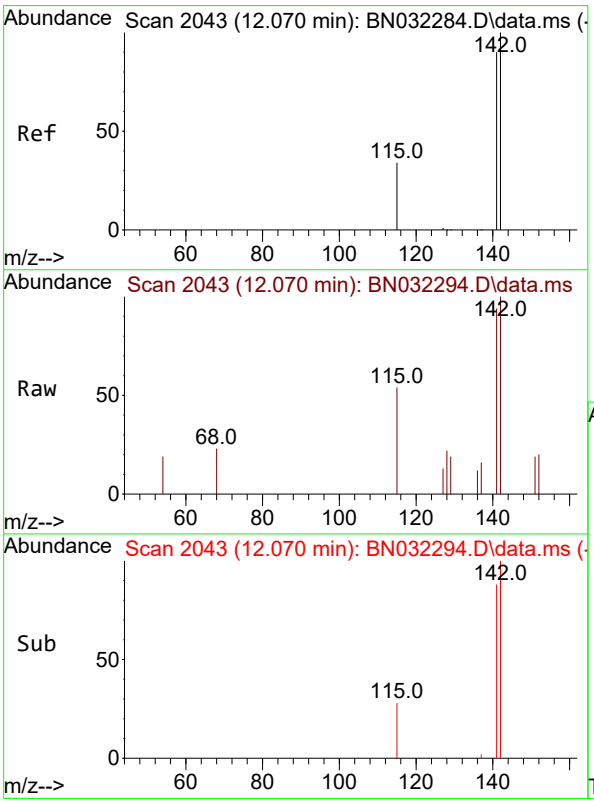

#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.442 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Tgt Ion:128 Resp: 2520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 19.8 | 9.2 | 13.8# |
| 127 | 17.1 | 10.8 | 16.2# |

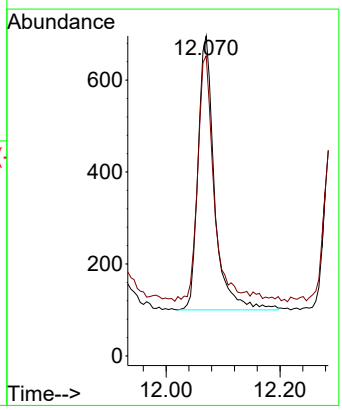


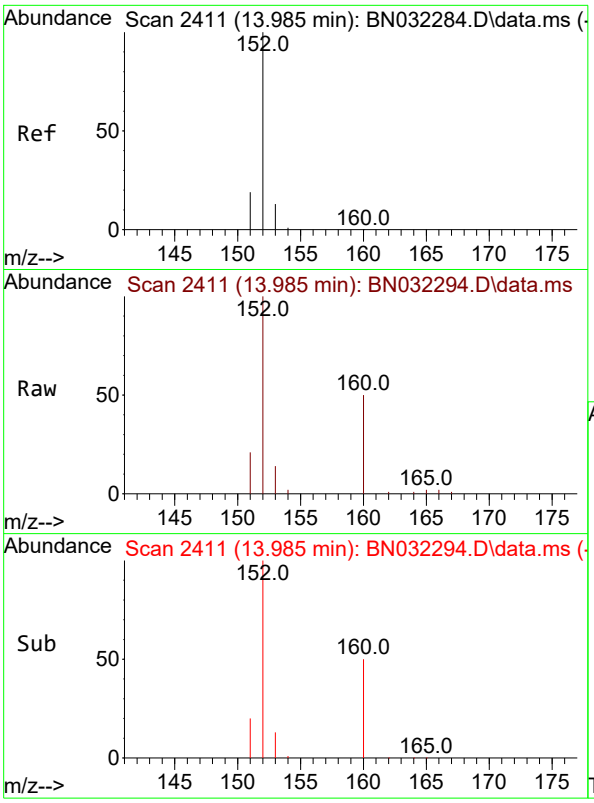




#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

Tgt Ion:142 Resp: 1191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 72.2 | 108.2 |



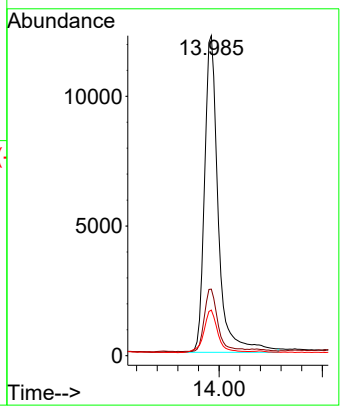


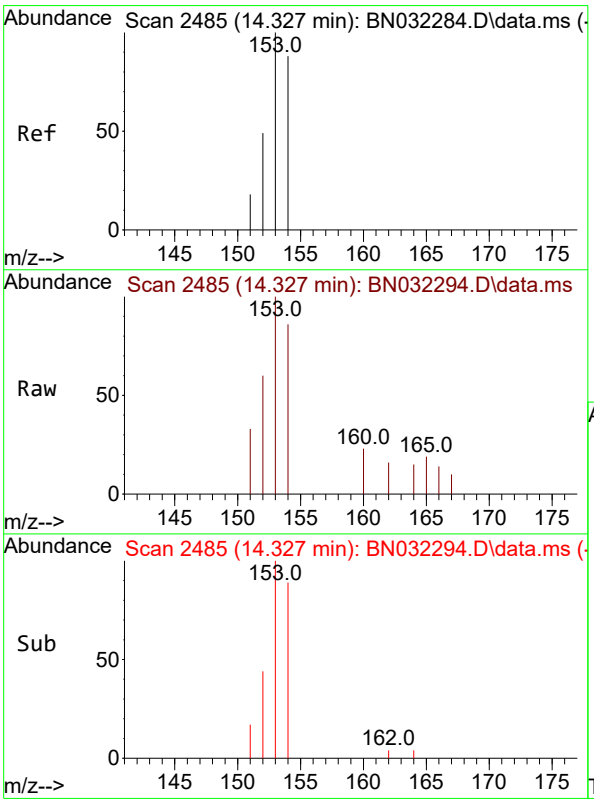

#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 13.985 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Tgt Ion:152 Resp: 22527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 15.7 | 23.5 |
| 153 | 14.3 | 10.9 | 16.3 |

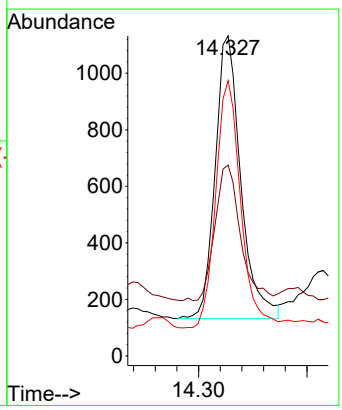


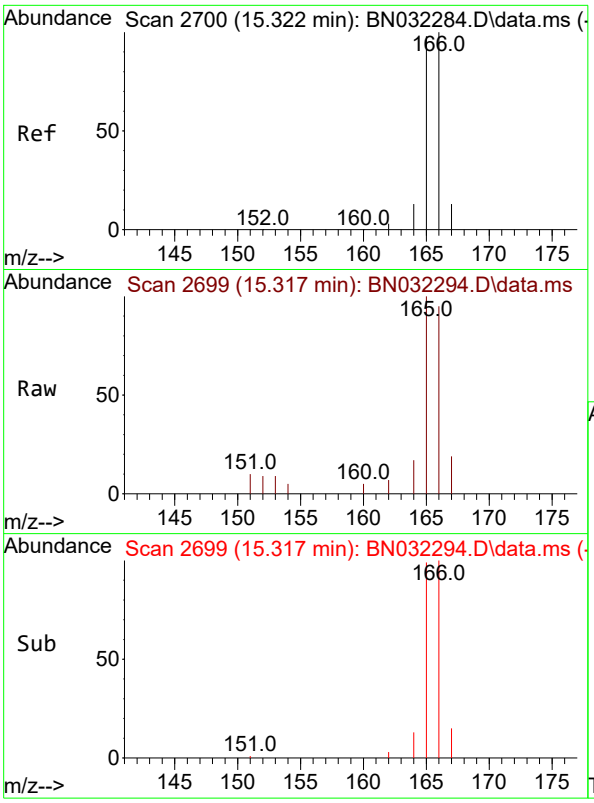




#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

Tgt Ion:153 Resp: 1647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 59.6 | 39.5 | 59.3# |
| 154 | 86.0 | 71.7 | 107.5 |



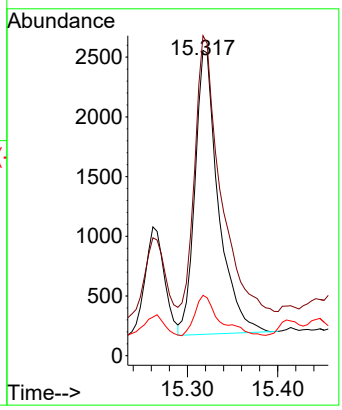


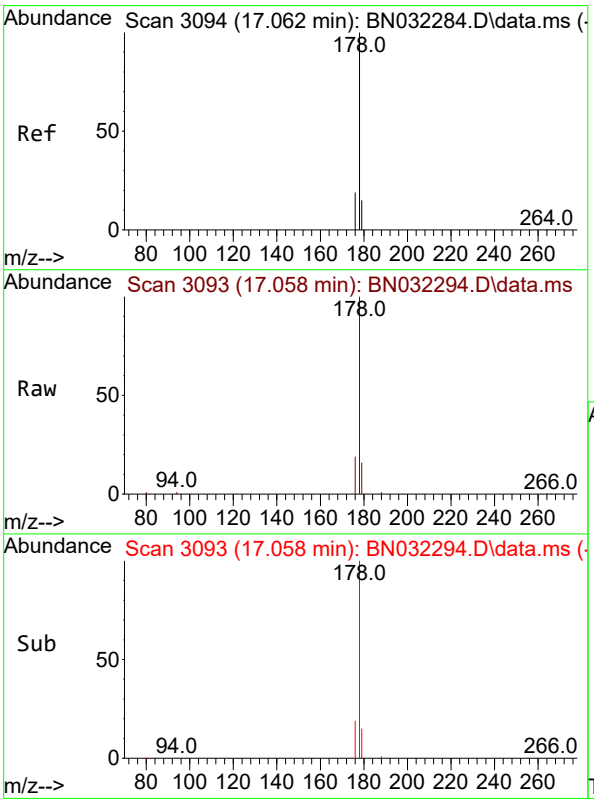

#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.317 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Tgt Ion:166 Resp: 4300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 104.8 | 79.0 | 118.6 |
| 167 | 19.7 | 11.0 | 16.6# |

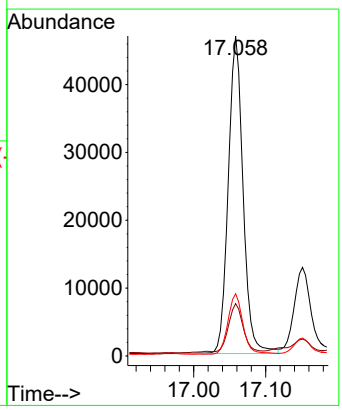


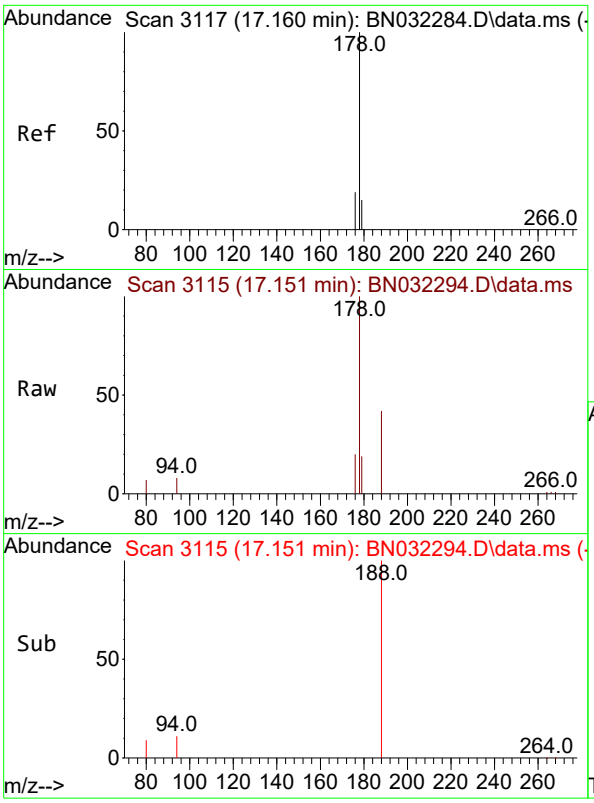




#15
Phenanthrene
Concen: 0.902 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.008 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

Tgt Ion:178 Resp: 67021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.3 | 12.6 | 18.8 |
| 176 | 19.5 | 15.6 | 23.4 |



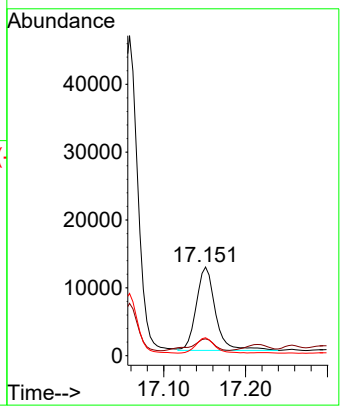


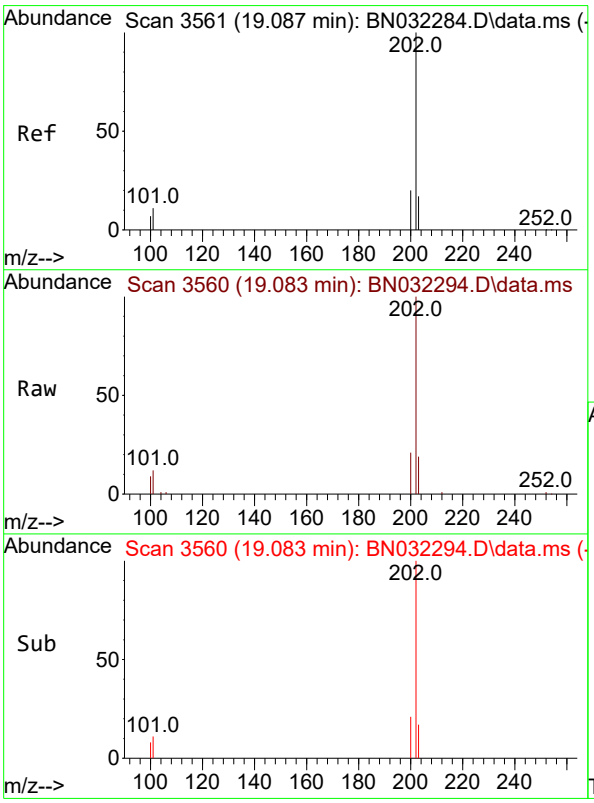

#16
Anthracene
Concen: 0.301 ng/ul
RT: 17.151 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Tgt Ion:178 Resp: 19971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 19.0 | 12.5 | 18.7# |
| 176 | 20.2 | 15.0 | 22.6 |

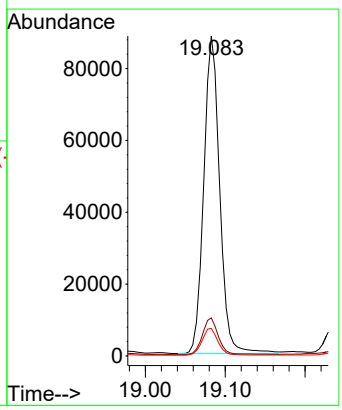


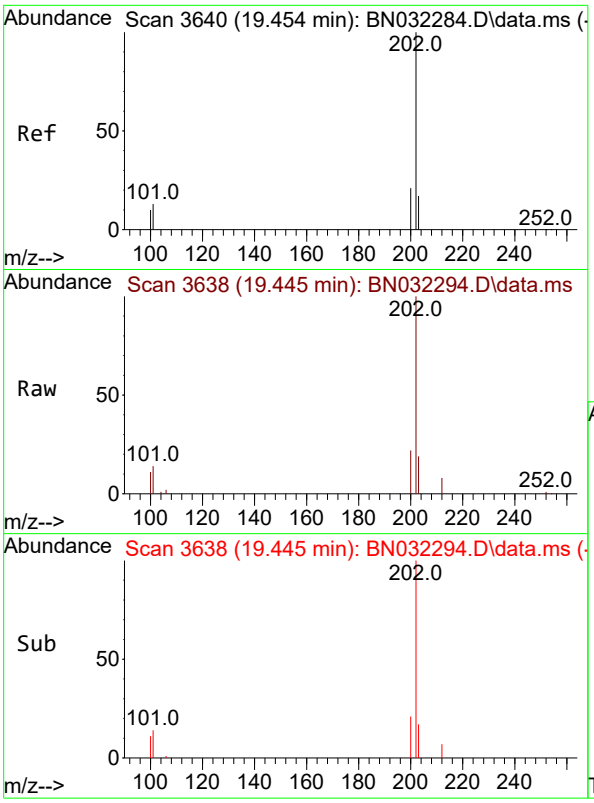




#19
Fluoranthene
Concen: 1.639 ng/ul
RT: 19.083 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

Tgt Ion:202 Resp: 122807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.9 | 8.8 | 13.2 |
| 100 | 8.6 | 6.4 | 9.6 |



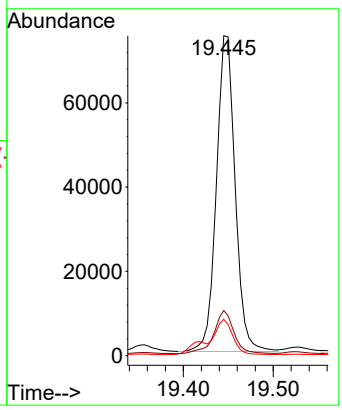


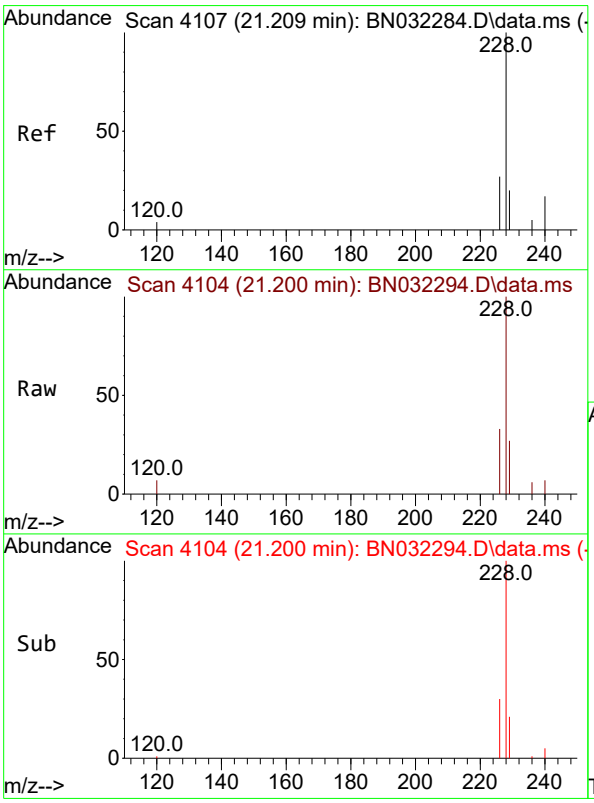

#20
Pyrene
Concen: 1.387 ng/ul
RT: 19.445 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Tgt Ion:202 Resp: 108617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.1 | 11.0 | 16.4 |
| 100 | 11.4 | 8.7 | 13.1 |

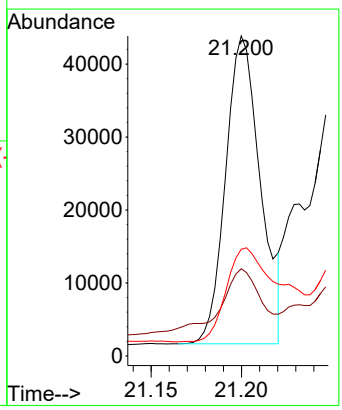


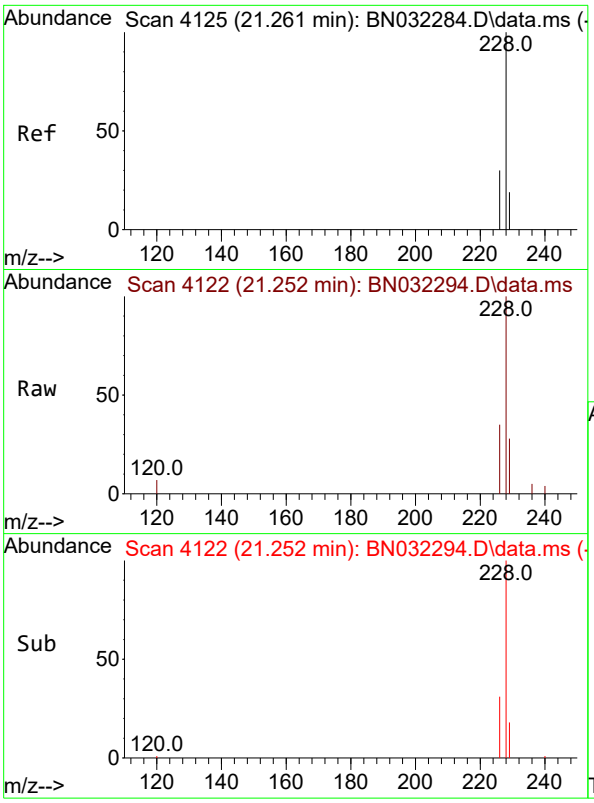




#21
Benzo(a)anthracene
Concen: 0.798 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

Tgt Ion:228 Resp: 56636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 27.2 | 15.7 | 23.5# |
| 226 | 33.4 | 21.8 | 32.8# |



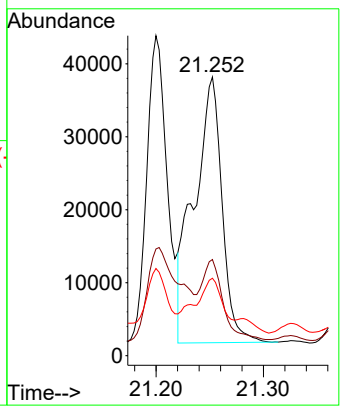


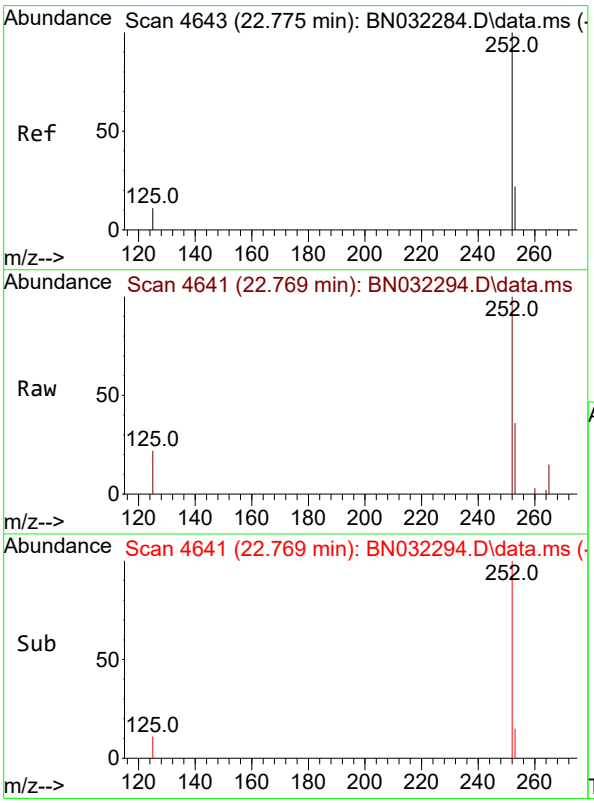

#22
Chrysene
Concen: 0.848 ng/ul
RT: 21.252 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Tgt Ion:228 Resp: 66084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.5 | 23.6 | 35.4 |
| 229 | 27.8 | 15.7 | 23.5# |

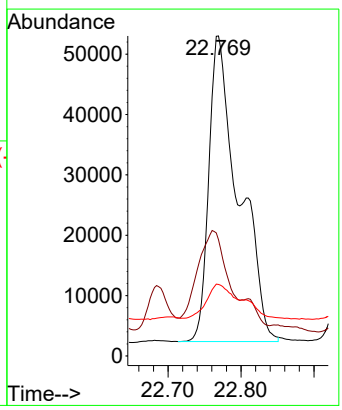


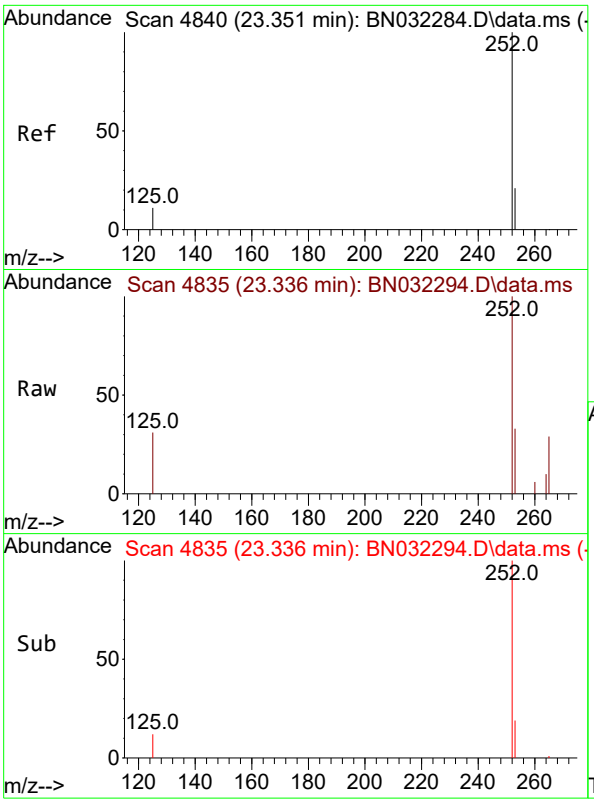




#24
Benzo(b)fluoranthene
Concen: 1.383 ng/ul
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

Tgt Ion:252 Resp: 144137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 36.3 | 0.0 | 50.2 |
| 125 | 22.4 | 0.0 | 32.0 |



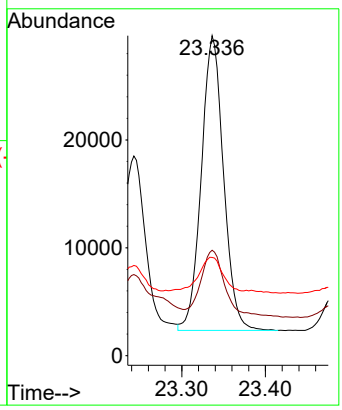


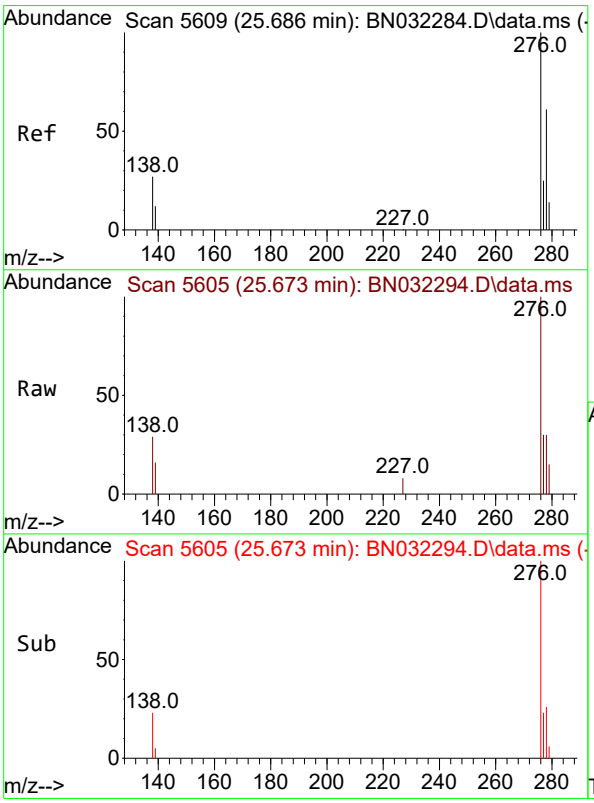

#26
Benzo(a)pyrene
Concen: 0.695 ng/ul
RT: 23.336 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Tgt Ion:252 Resp: 50419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 32.9 | 22.2 | 33.2 |
| 125 | 30.7 | 16.4 | 24.6# |

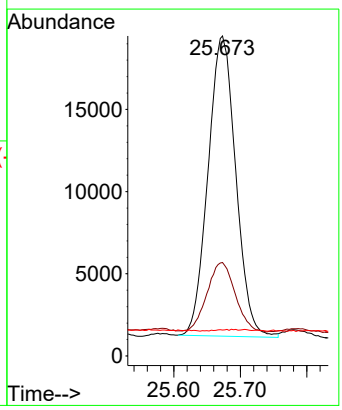


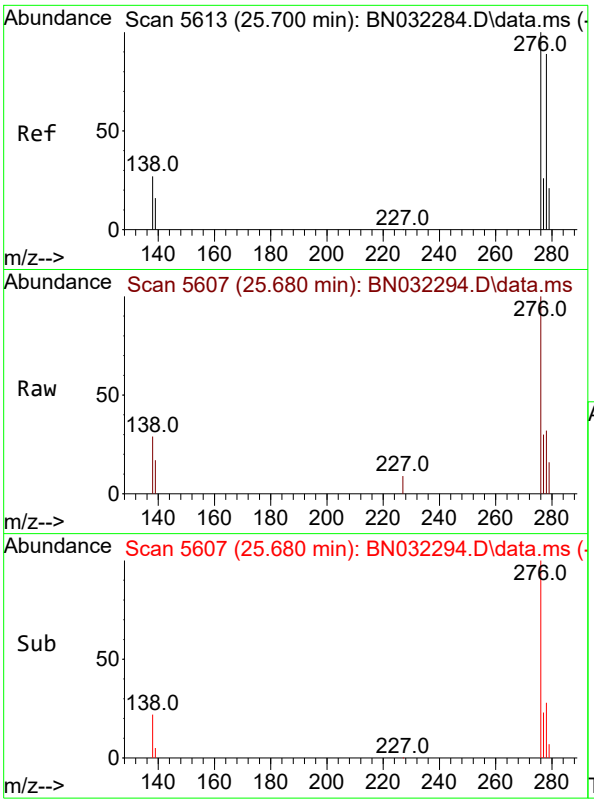




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.467 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. -0.027 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

Tgt Ion:276 Resp: 53001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.9 | 21.3 | 31.9 |
| 227 | 0.3 | 0.1 | 0.1# |



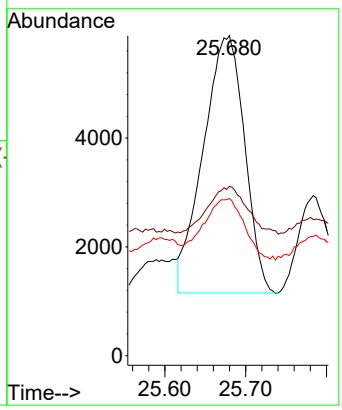


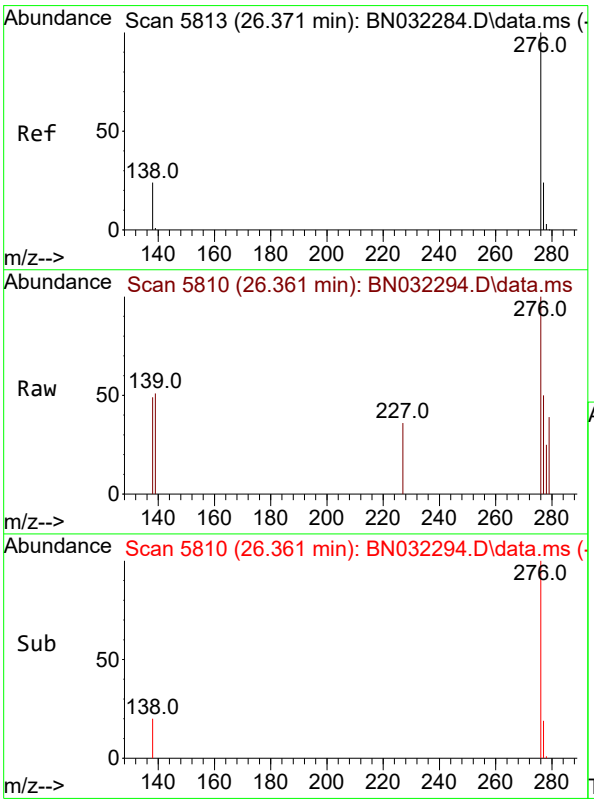

#28
Dibenzo(a,h)anthracene
Concen: 0.199 ng/ul
RT: 25.680 min Scan# 5
Delta R.T. -0.030 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

**Instrument :**
BNA_N
**ClientSampleId :**
A4B76DL

Tgt Ion:278 Resp: 16821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 52.9 | 15.9 | 23.9# |
| 279 | 49.1 | 21.1 | 31.7# |




#29
Benzo(g,h,i)perylene
Concen: 0.111 ng/ul
RT: 26.361 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

Tgt Ion:276 Resp: 10071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 49.5 | 19.8 | 29.6# |
| 277 | 49.8 | 19.8 | 29.6# |