Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Quant Time: Jul 04 23:08:33 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.595 | 152 | 7131 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.371 | 136 | 20407 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.244 | 164 | 11258 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.100 | 188 | 897399 | 0.400 | ng/ul | 0.09 |
| 17) Chrysene-d12 | 21.352 | 240 | 125 | 0.400 | ng/ul | # 0.14 |
| 23) Perylene-d12 | 23.675 | 264 | 1498 | 0.400 | ng/ul | # 0.25 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.143 | 96 | 24059 | 3.035 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.971 | 152 | 5715 | 0.187 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.203 | 212 | 29 | 0.077 | ng/ul | 0.16 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.420 | 128 | 7266 | 0.135 | ng/ul# | 96 |
| 7) 2-Methylnaphthalene | 12.048 | 142 | 2785 | 0.078 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.268 | 142 | 1990 | 0.054 | ng/ul | 97 |
| 10) Acenaphthylene | 13.966 | 152 | 17111 | 0.365 | ng/ul | 98 |
| 11) Acenaphthene | 14.309 | 153 | 5478 | 0.151 | ng/ul | 99 |
| 12) Fluorene | 15.303 | 166 | 7641 | 0.176 | ng/ul# | 98 |
| 19) Fluoranthene | 19.222 | 202 | 10737 | 22.557 | ng/ul# | 87 |
| 20) Pyrene | 19.561 | 202 | 144 | 0.289 | ng/ul# | 9 |
| 21) Benzo(a)anthracene | 21.244 | 228 | 103805 | 230.084 | ng/ul | 94 |
| 22) Chrysene | 21.358 | 228 | 15057 | 30.407 | ng/ul# | 47 |
| 24) Benzo(b)fluoranthene | 22.927 | 252 | 34322 | 5.274 | ng/ul | 76 |
| 25) Benzo(k)fluoranthene | 23.126 | 252 | 1930 | 0.305 | ng/ul# | 1 |
| 26) Benzo(a)pyrene | 23.555 | 252 | 1042 | 0.230 | ng/ul# | 1 |
| 27) Indeno(1,2,3-cd)pyrene | 25.915 | 276 | 6729 | 0.949 | ng/ul# | 39 |
| 28) Dibenzo(a,h)anthracene | 25.911 | 278 | 24891 | 4.725 | ng/ul# | 81 |
| 29) Benzo(g,h,i)perylene | 26.713 | 276 | 2811 | 0.498 | ng/ul# | 1 |

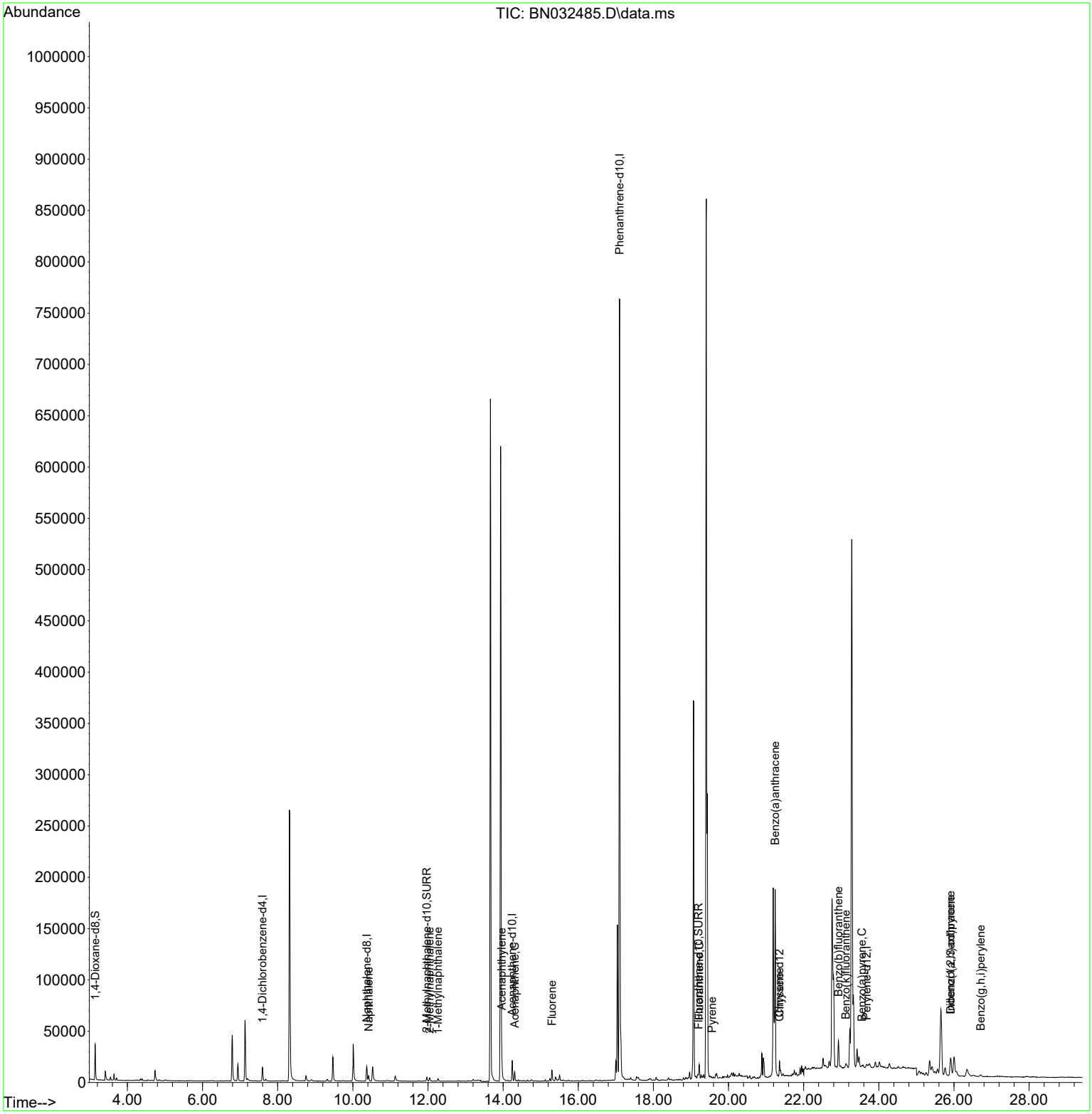
(#) = qualifier out of range (m) = manual integration (+) = signals summed

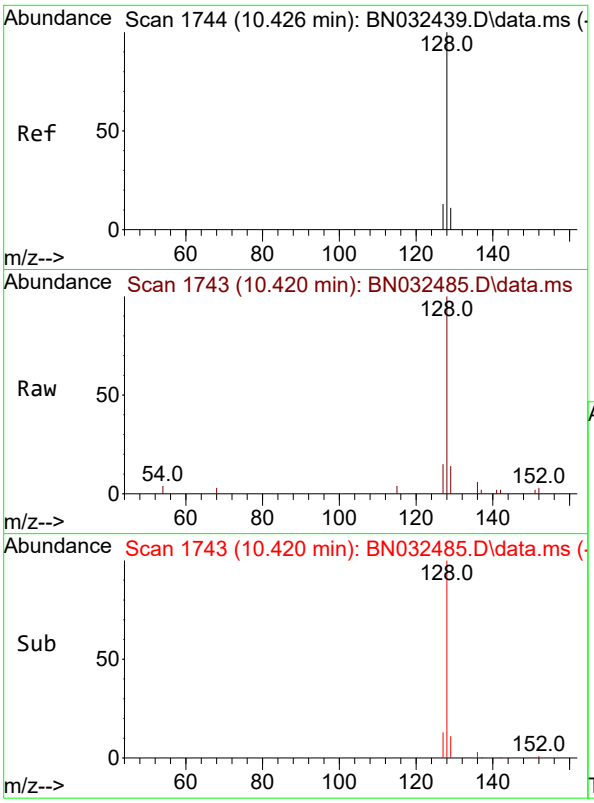
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Quant Time: Jul 04 23:08:33 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



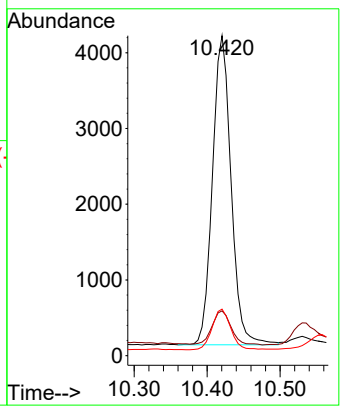


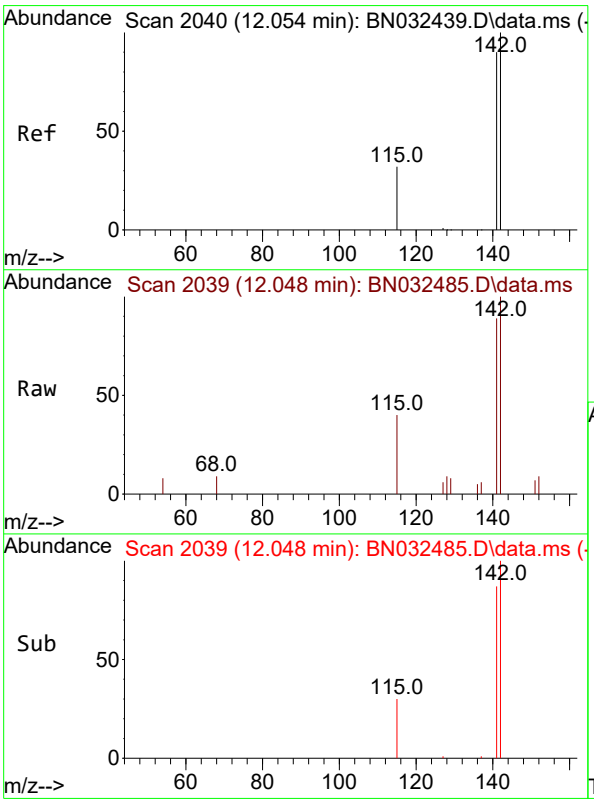

#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.420 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Tgt Ion:128 Resp: 7266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 14.0 | 9.2 | 13.8# |
| 127 | 14.5 | 10.8 | 16.2 |

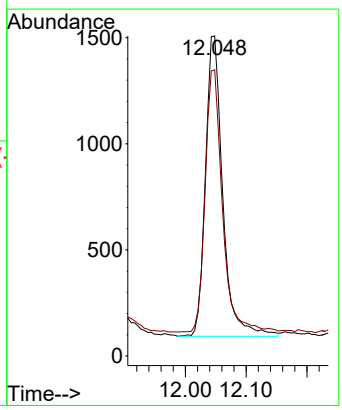


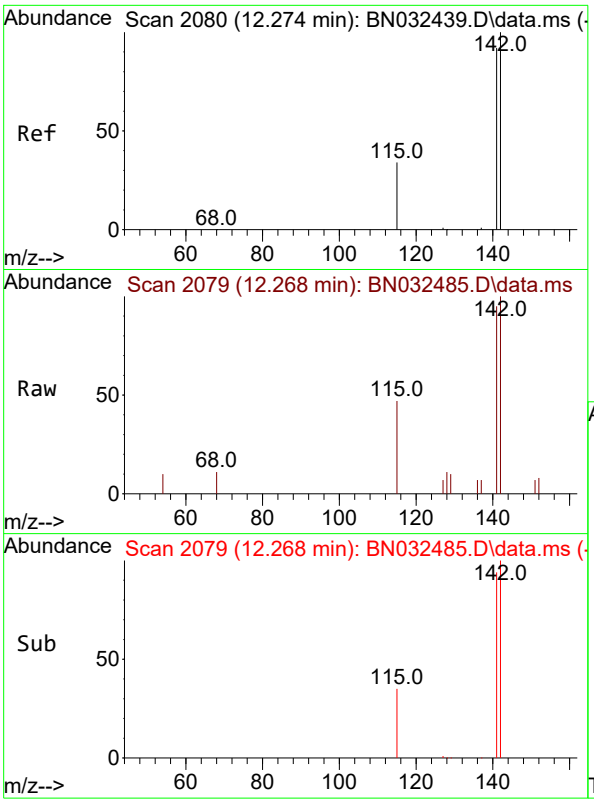




#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

Tgt Ion:142 Resp: 2785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.3 | 72.2 | 108.2 |



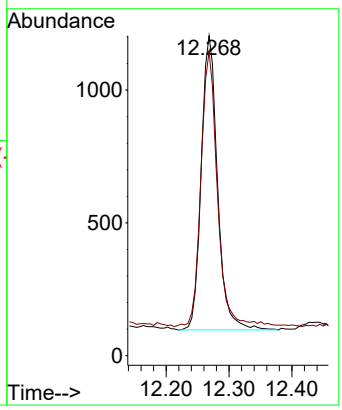


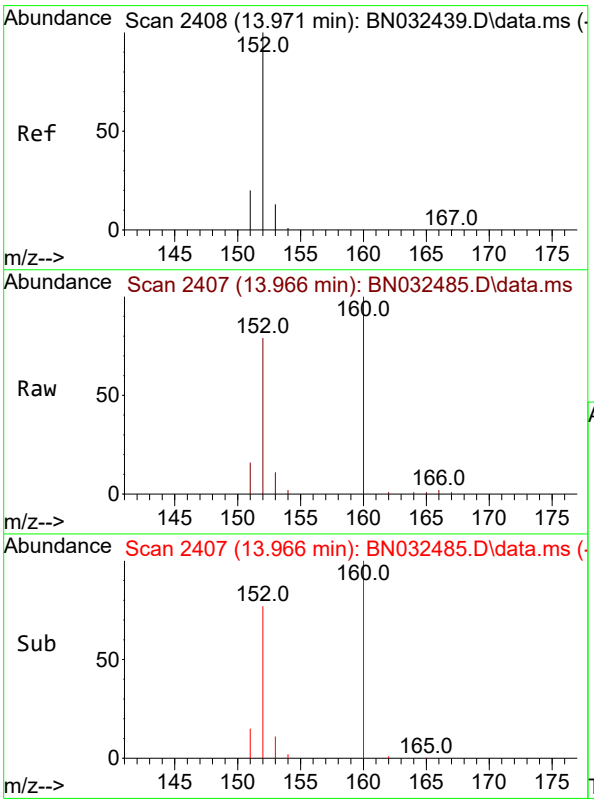

#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.268 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Tgt Ion:142 Resp: 1990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.4 | 73.4 | 110.0 |

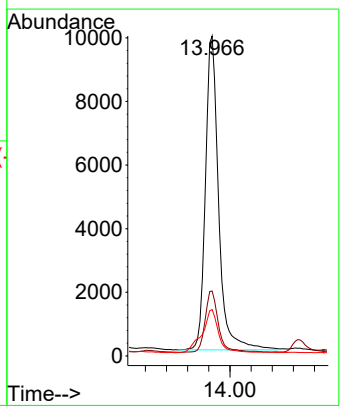


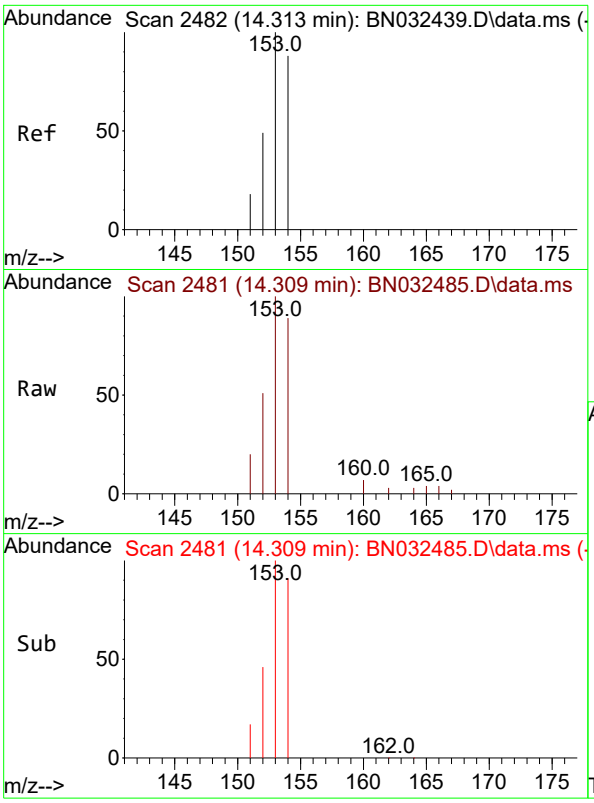




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

Tgt Ion:152 Resp: 17111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 15.7 | 23.5 |
| 153 | 14.5 | 10.9 | 16.3 |



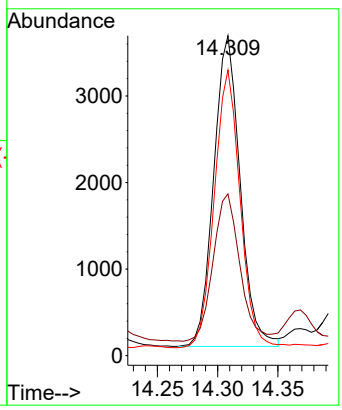


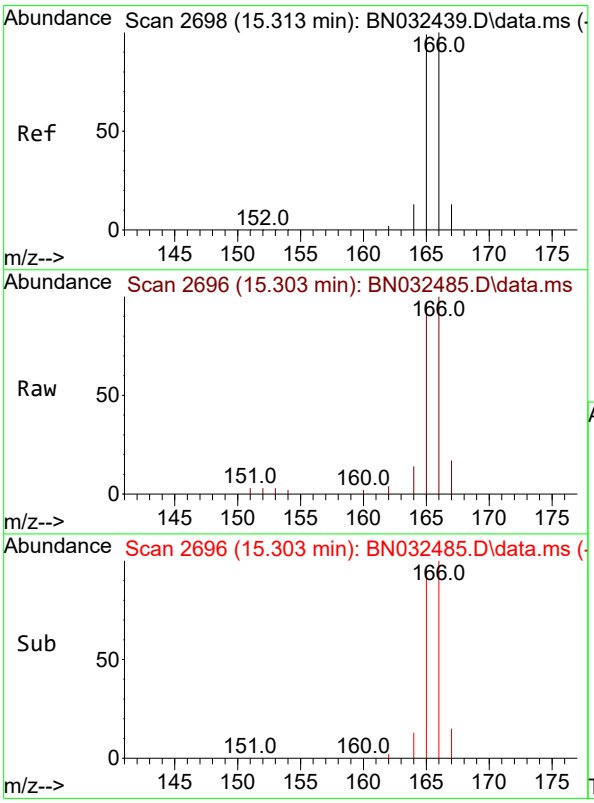

#11
Acenaphthene
Concen: 0.151 ng/ul
RT: 14.309 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Tgt Ion:153 Resp: 5478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 50.5 | 39.5 | 59.3 |
| 154 | 89.2 | 71.7 | 107.5 |

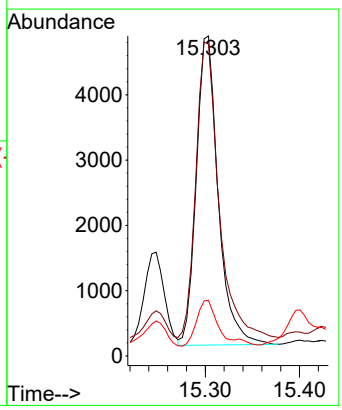


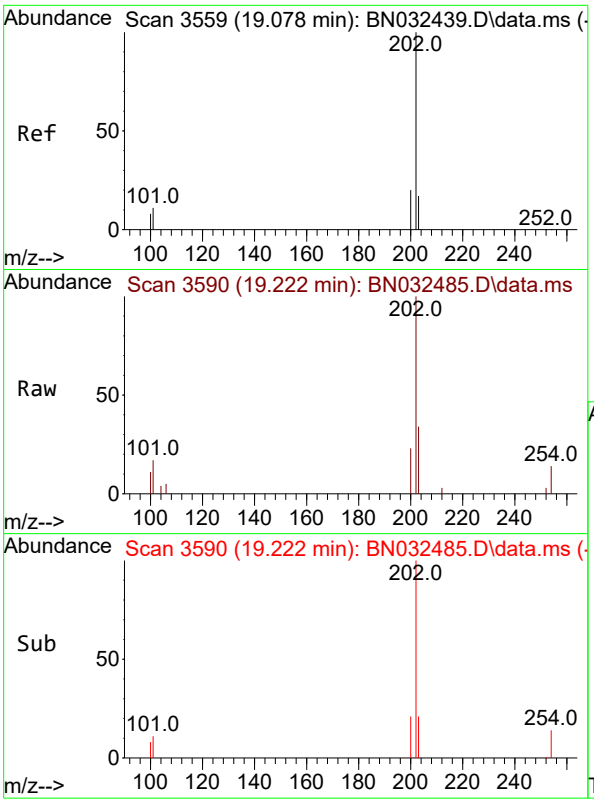




#12
Fluorene
Concen: 0.176 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

Tgt Ion:166 Resp: 7641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.4 | 79.0 | 118.6 |
| 167 | 17.4 | 11.0 | 16.6# |



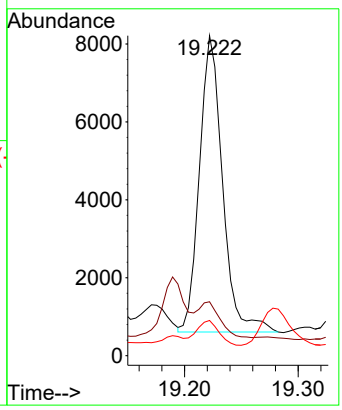


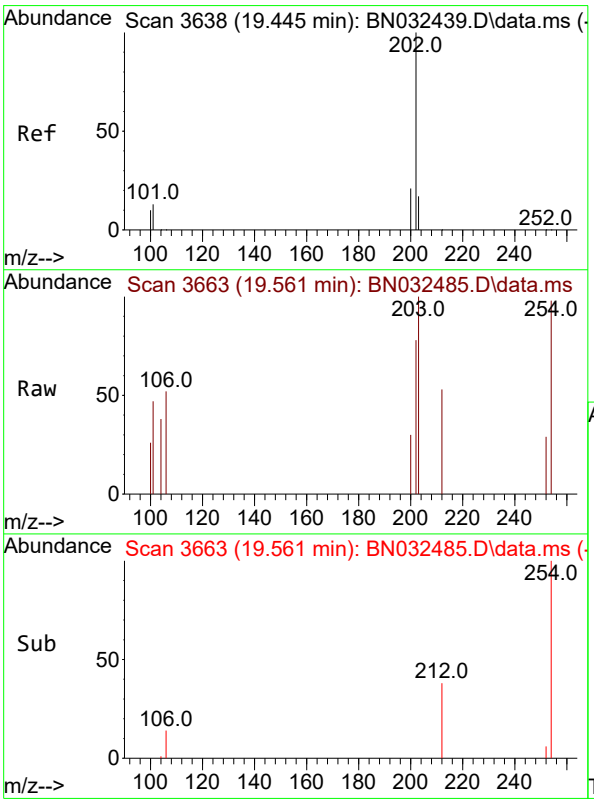

#19
Fluoranthene
Concen: 22.557 ng/ul
RT: 19.222 min Scan# 3
Delta R.T. 0.149 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Tgt Ion:202 Resp: 10737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.9 | 8.8 | 13.2# |
| 100 | 11.0 | 6.4 | 9.6# |

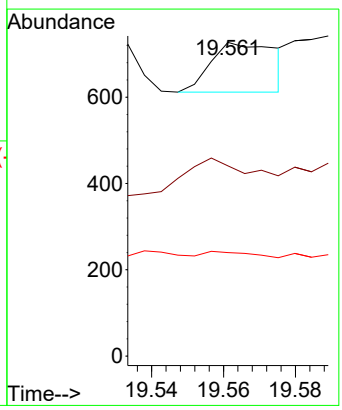


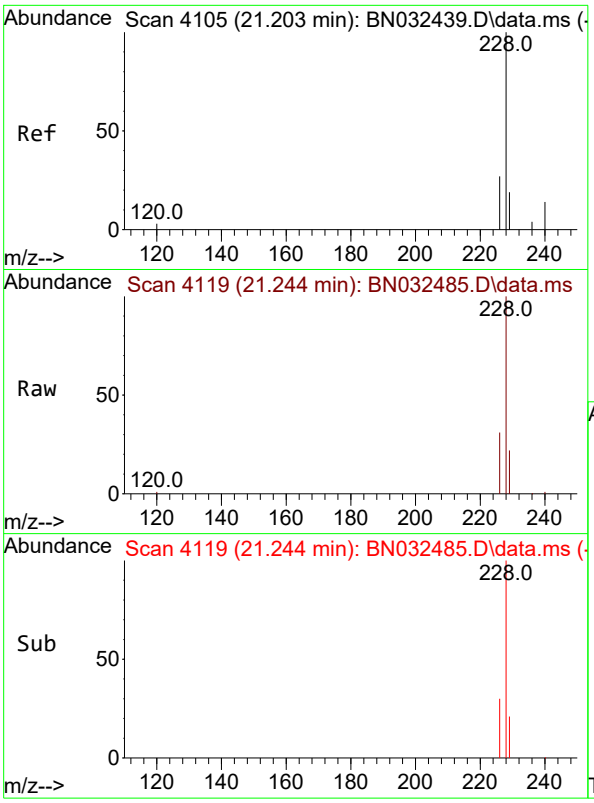




#20
Pyrene
Concen: 0.289 ng/ul
RT: 19.561 min Scan# 3663
Delta R.T. 0.121 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

Tgt Ion:202 Resp: 144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 60.7 | 11.0 | 16.4# |
| 100 | 33.0 | 8.7 | 13.1# |



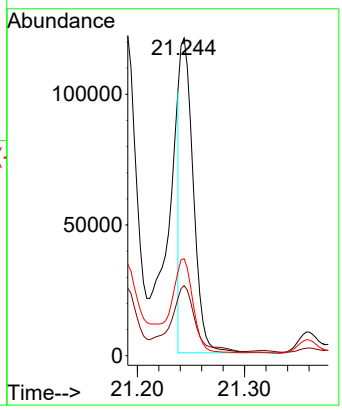


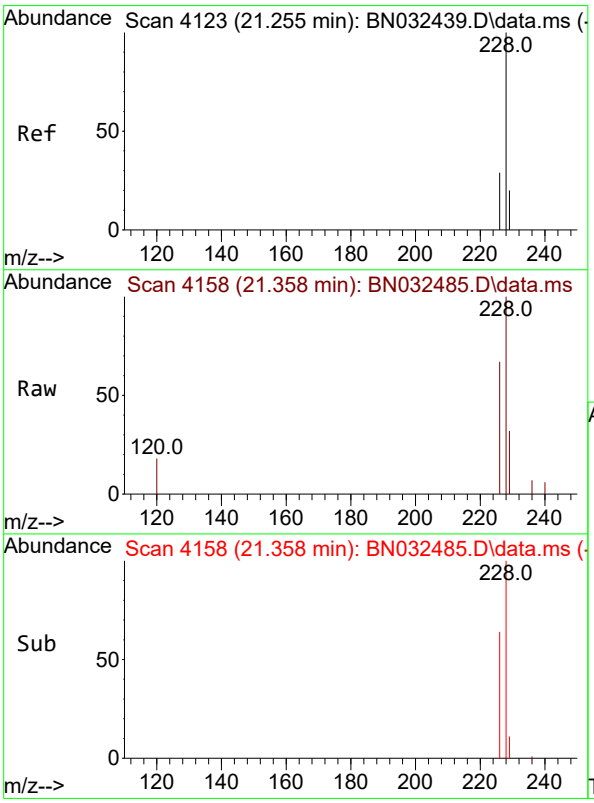

#21
Benzo(a)anthracene
Concen: 230.084 ng/ul
RT: 21.244 min Scan# 4
Delta R.T. 0.053 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Tgt Ion:228 Resp: 103805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 22.0 | 15.7 | 23.5 |
| 226 | 30.5 | 21.8 | 32.8 |

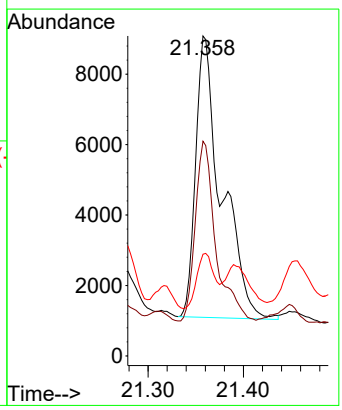


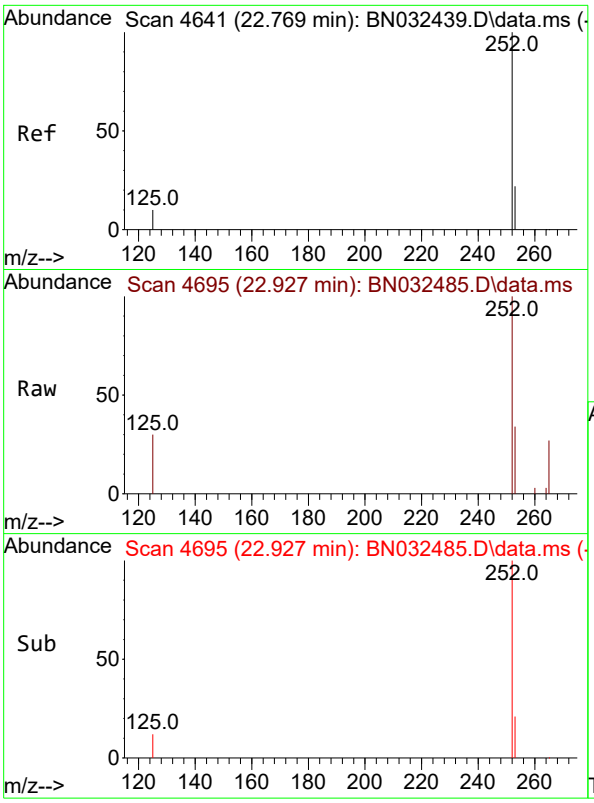




#22
Chrysene
Concen: 30.407 ng/ul
RT: 21.358 min Scan# 4158
Delta R.T. 0.114 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

Tgt Ion:228 Resp: 15057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 67.1 | 23.6 | 35.4# |
| 229 | 31.8 | 15.7 | 23.5# |



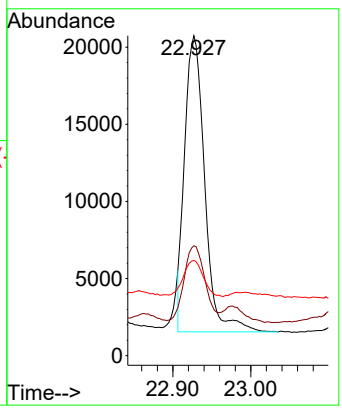


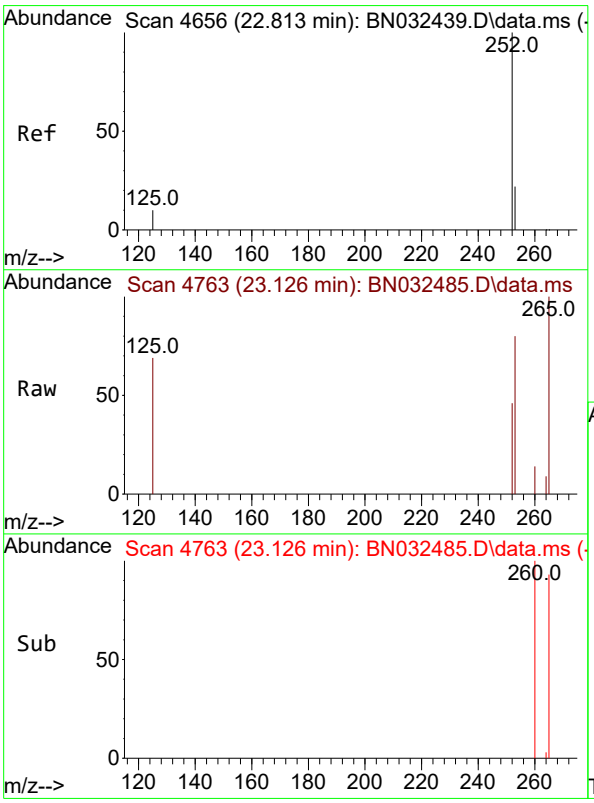

#24
Benzo(b)fluoranthene
Concen: 5.274 ng/ul
RT: 22.927 min Scan# 4
Delta R.T. 0.170 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Tgt Ion:252 Resp: 34322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 34.4 | 0.0 | 50.2 |
| 125 | 29.8 | 0.0 | 32.0 |

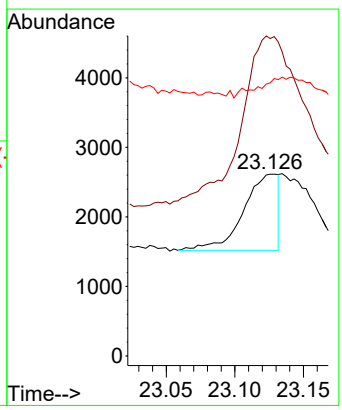


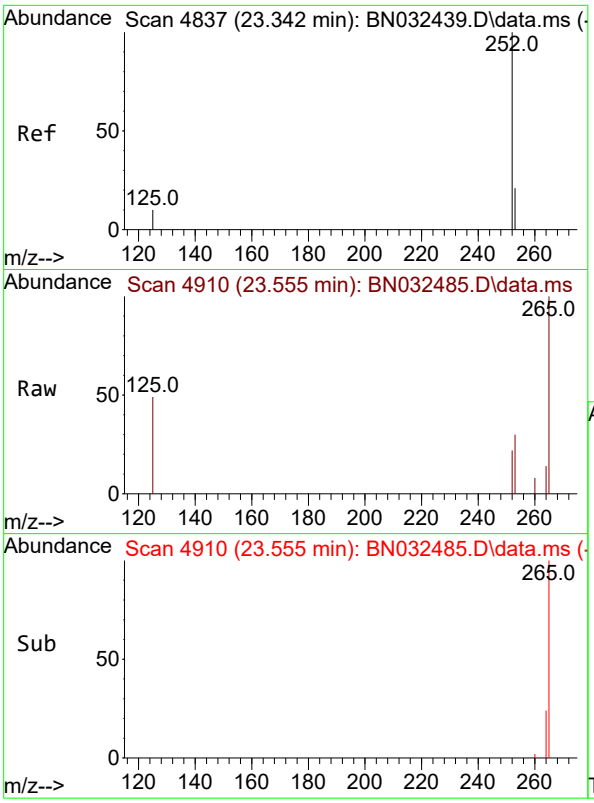




#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 23.126 min Scan# 4763
Delta R.T. 0.325 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

Tgt Ion:252 Resp: 1930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 174.6 | 20.3 | 30.5# |
| 125 | 150.2 | 12.8 | 19.2# |



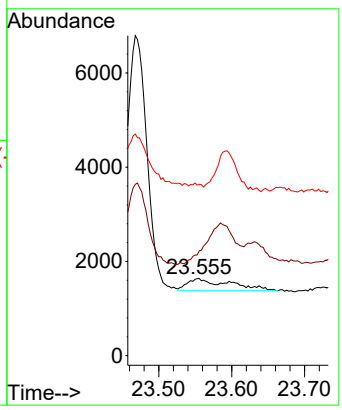


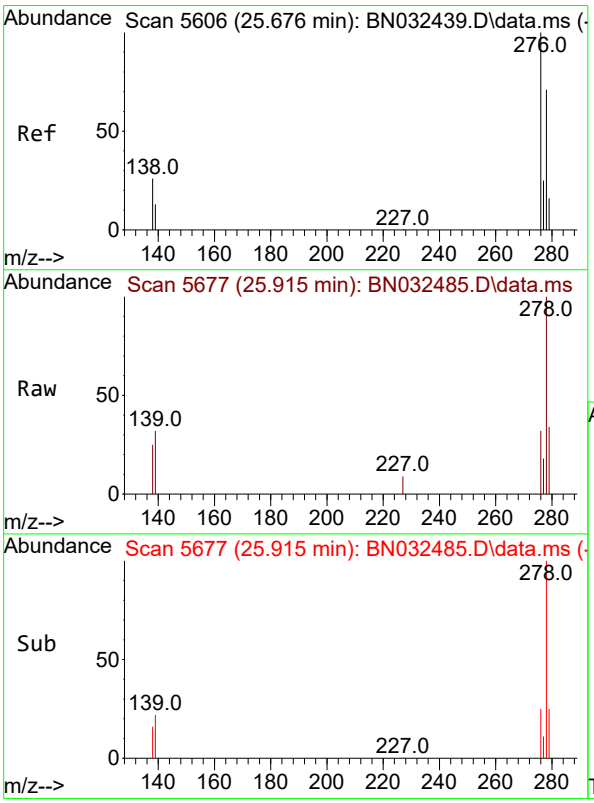

#26
Benzo(a)pyrene
Concen: 0.230 ng/ul
RT: 23.555 min Scan# 4
Delta R.T. 0.228 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Tgt Ion:252 Resp: 1042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 136.2 | 22.2 | 33.2# |
| 125 | 221.9 | 16.4 | 24.6# |

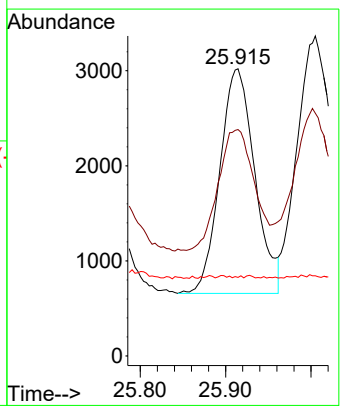


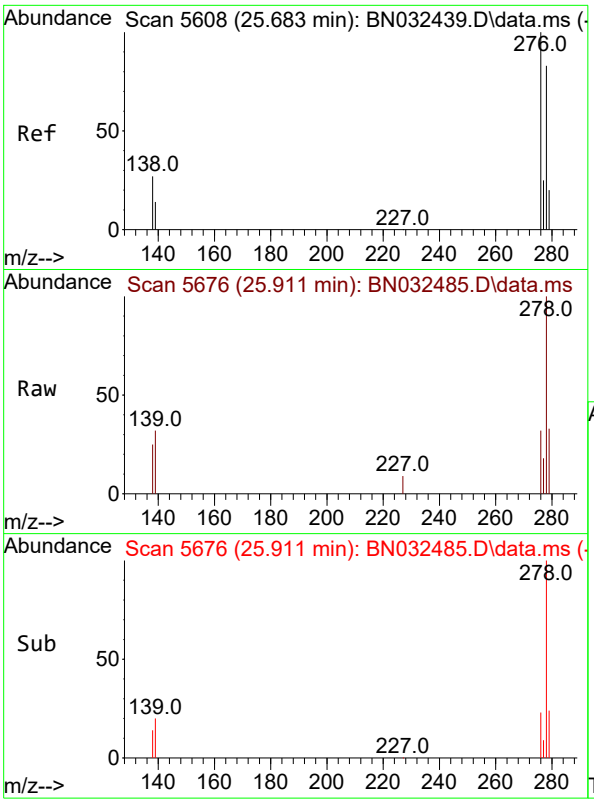




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.949 ng/ul
RT: 25.915 min Scan# 5677
Delta R.T. 0.255 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

Tgt Ion:276 Resp: 6729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 58.2 | 21.3 | 31.9# |
| 227 | 1.1 | 0.1 | 0.1# |



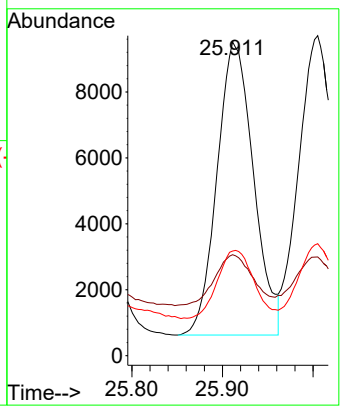


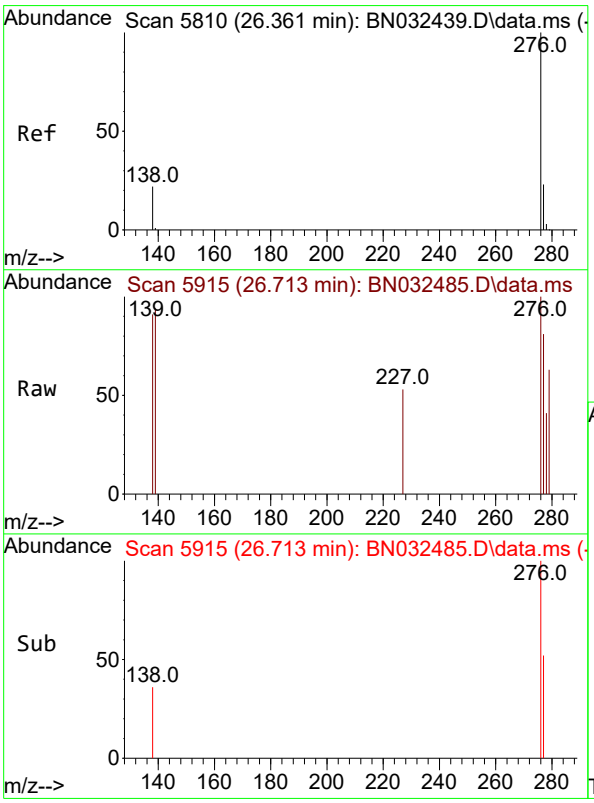

#28
Dibenzo(a,h)anthracene
Concen: 4.725 ng/ul
RT: 25.911 min Scan# 5
Delta R.T. 0.245 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

**Instrument :**
BNA_N
**ClientSampleId :**
A4CD7

Tgt Ion:278 Resp: 24891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 32.2 | 15.9 | 23.9# |
| 279 | 33.4 | 21.1 | 31.7# |




#29
Benzo(g,h,i)perylene
Concen: 0.498 ng/ul
RT: 26.713 min Scan# 5915
Delta R.T. 0.369 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

Tgt Ion:276 Resp: 2811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 91.4 | 19.8 | 29.6# |
| 277 | 81.5 | 19.8 | 29.6# |