Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Quant Time: Jun 28 00:27:52 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 | 7896 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.393 | 136 | 22515 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.262 | 164 | 12193 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.117 | 188 | 943741 | 0.400 | ng/ul | 0.09 |
| 17) Chrysene-d12 | 21.334 | 240 | 72 | 0.400 | ng/ul | # 0.11 |
| 23) Perylene-d12 | 23.687 | 264 | 1619 | 0.400 | ng/ul | # 0.23 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.156 | 96 | 27182 | 3.097 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.993 | 152 | 6502 | 0.193 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 0.000 | 212 | 0 | 0.000 | ng/ul | |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.442 | 128 | 8812 | 0.148 | ng/ul | 96 |
| 7) 2-Methylnaphthalene | 12.065 | 142 | 3378 | 0.086 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.290 | 142 | 2781 | 0.068 | ng/ul | 99 |
| 10) Acenaphthylene | 13.985 | 152 | 13226 | 0.261 | ng/ul | 97 |
| 11) Acenaphthene | 14.327 | 153 | 16339 | 0.415 | ng/ul | 99 |
| 12) Fluorene | 15.317 | 166 | 17602 | 0.375 | ng/ul | 99 |
| 15) Phenanthrene | 17.151 | 178 | 77631 | 0.030 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.252 | 228 | 286481 | 1102.407 | ng/ul | 94 |
| 22) Chrysene | 21.369 | 228 | 34869 | 122.250 | ng/ul# | 55 |
| 24) Benzo(b)fluoranthene | 22.939 | 252 | 53088 | 7.547 | ng/ul | 81 |
| 25) Benzo(k)fluoranthene | 23.140 | 252 | 3450 | 0.505 | ng/ul# | 1 |
| 26) Benzo(a)pyrene | 23.573 | 252 | 2242 | 0.458 | ng/ul# | 1 |
| 27) Indeno(1,2,3-cd)pyrene | 25.931 | 276 | 9945 | 1.298 | ng/ul# | 37 |
| 28) Dibenzo(a,h)anthracene | 25.935 | 278 | 38324 | 6.731 | ng/ul# | 86 |
| 29) Benzo(g,h,i)perylene | 26.582 | 276 | 4075 | 0.668 | ng/ul# | 1 |

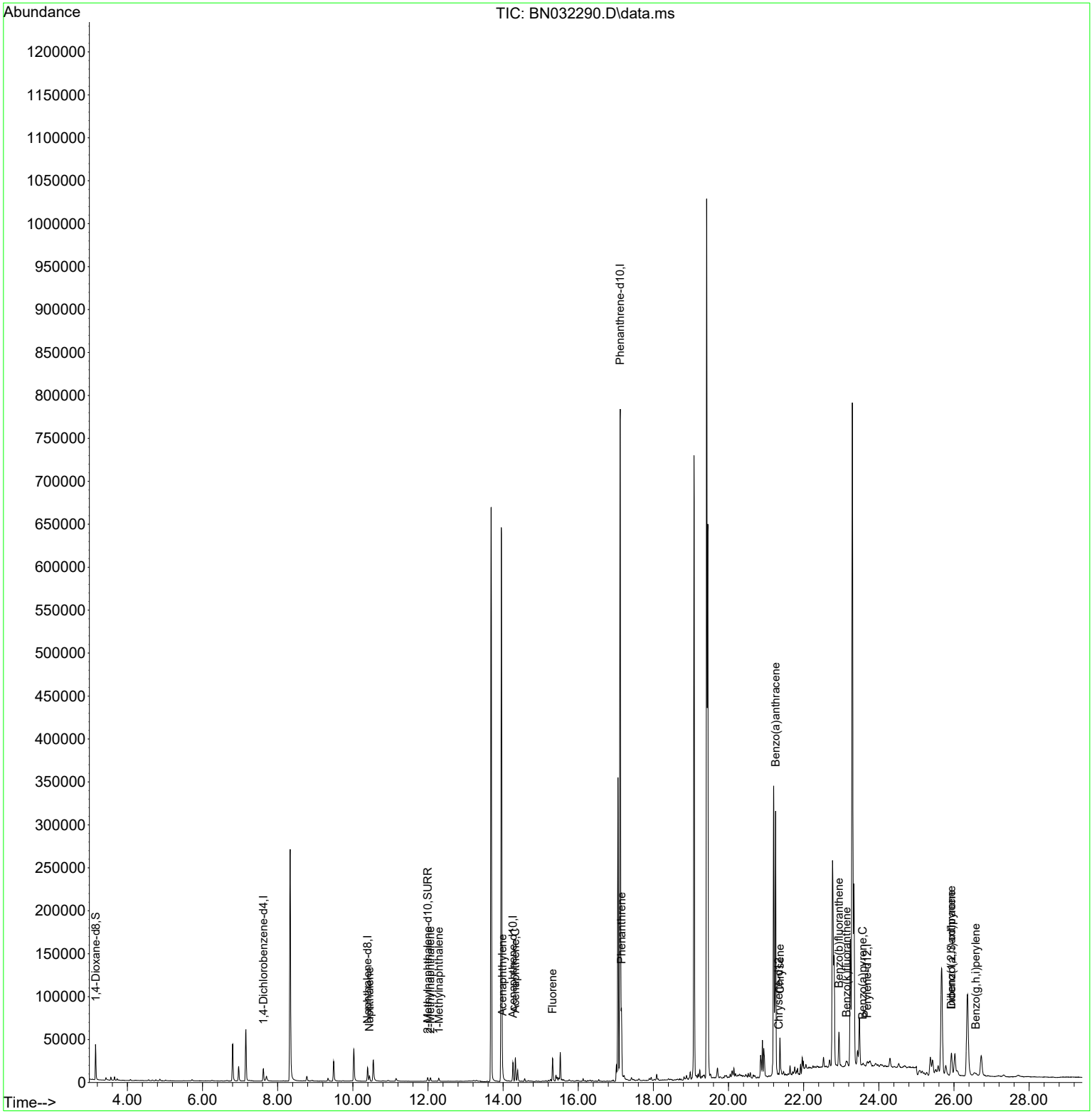
(#) = qualifier out of range (m) = manual integration (+) = signals summed

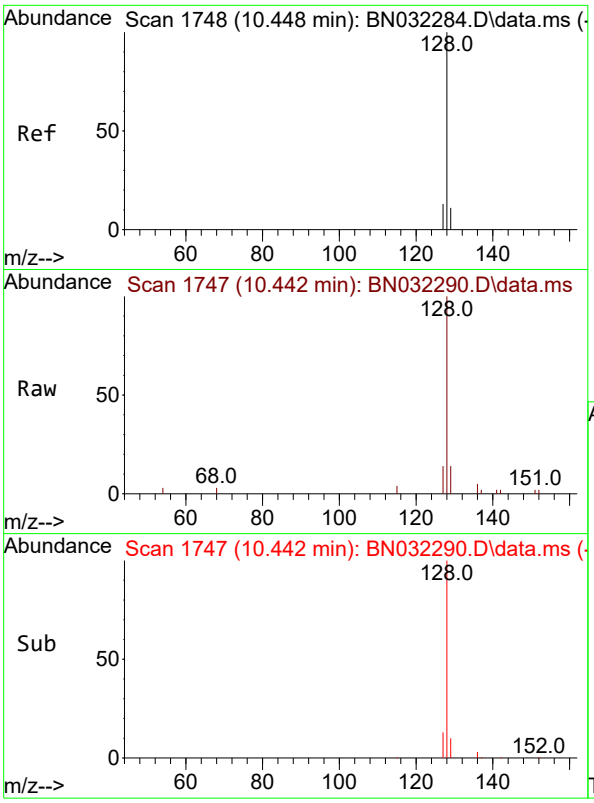
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Quant Time: Jun 28 00:27:52 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



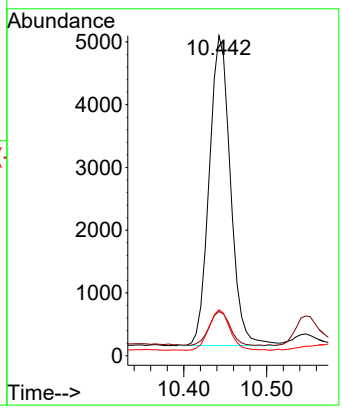


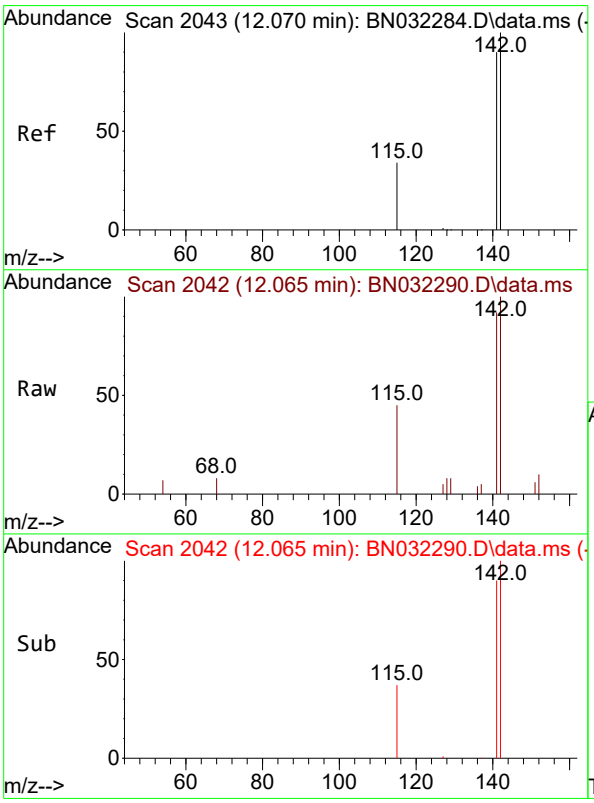

#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.442 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Tgt Ion:128 Resp: 8812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 13.8 | 9.2 | 13.8 |
| 127 | 14.3 | 10.8 | 16.2 |

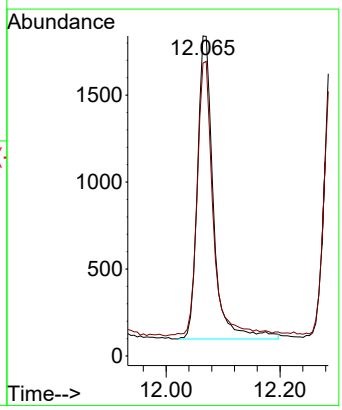


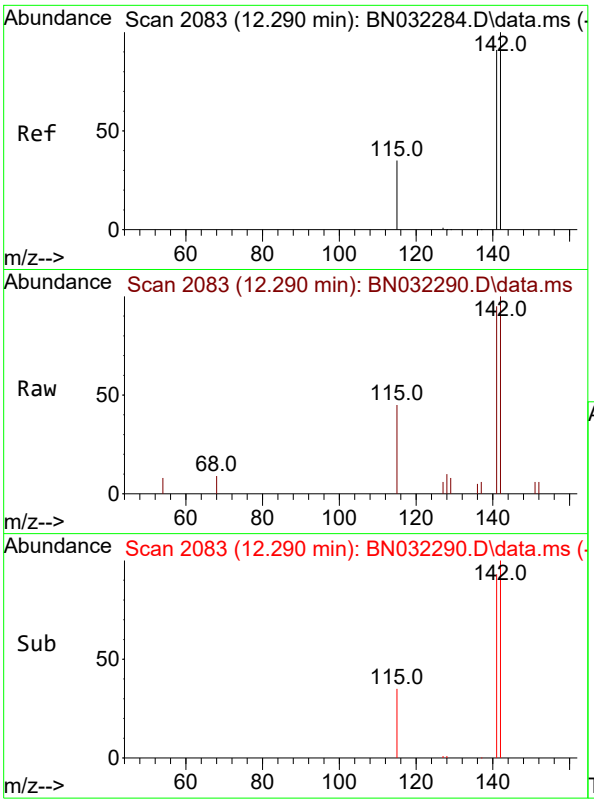




#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

Tgt Ion:142 Resp: 3378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 72.2 | 108.2 |



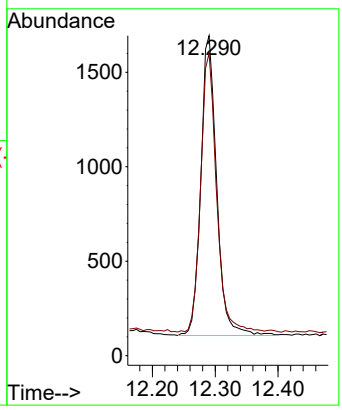


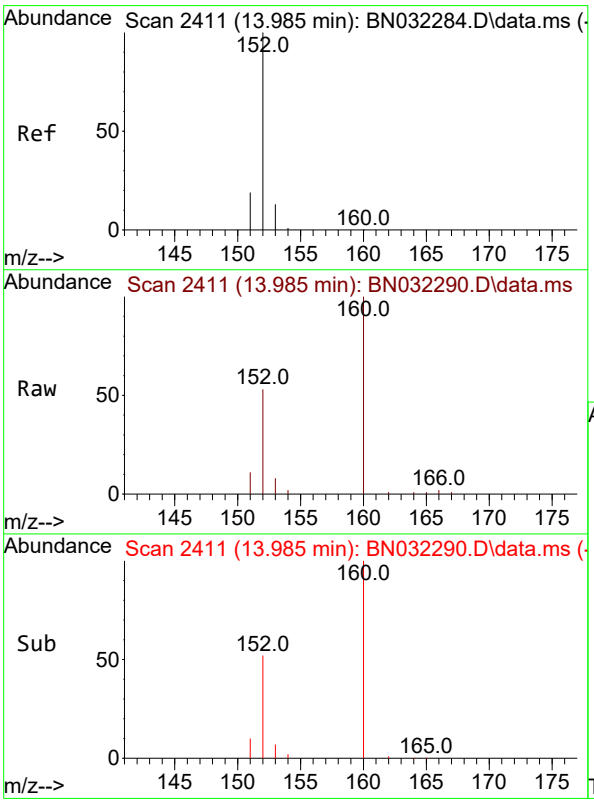

#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.290 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Tgt Ion:142 Resp: 2781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.8 | 73.4 | 110.0 |

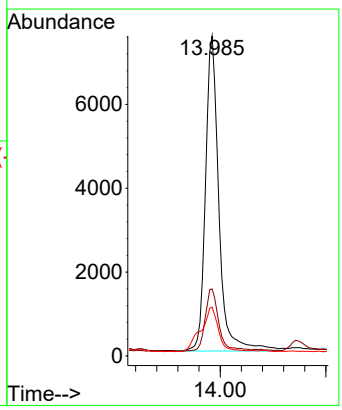


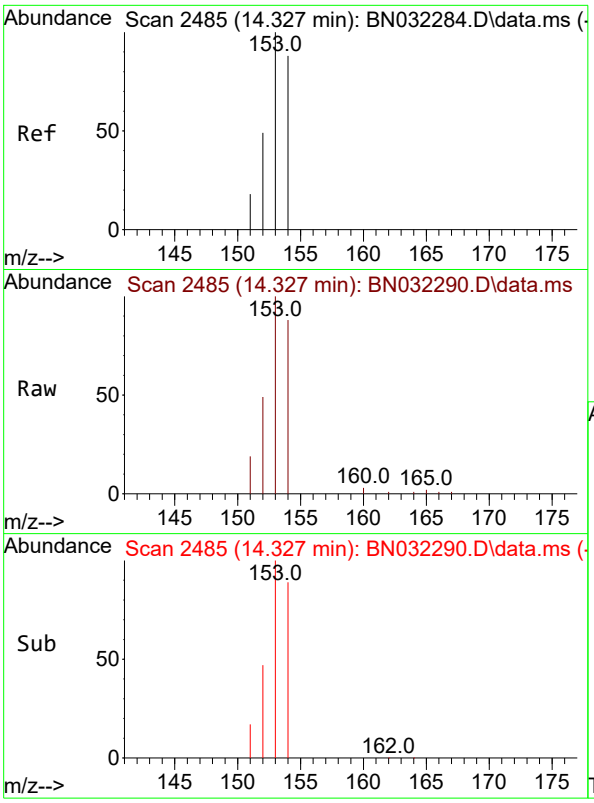




#10
Acenaphthylene
Concen: 0.261 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

Tgt Ion:152 Resp: 13226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.0 | 15.7 | 23.5 |
| 153 | 15.2 | 10.9 | 16.3 |



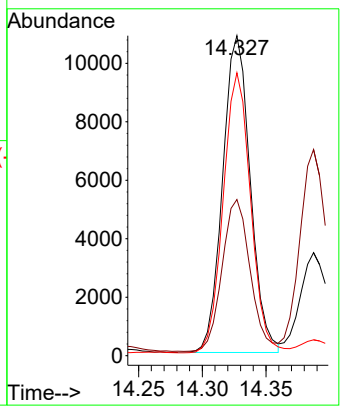


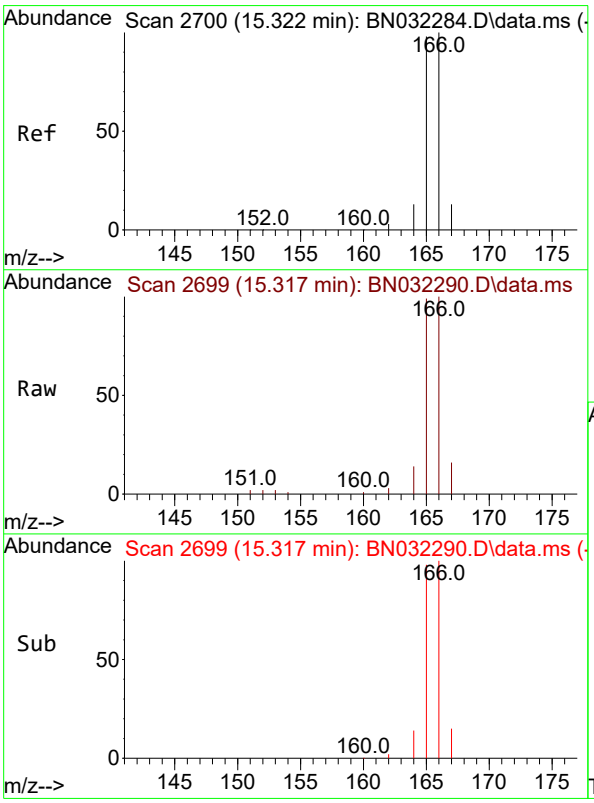

#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.327 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Tgt Ion:153 Resp: 16339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 48.8 | 39.5 | 59.3 |
| 154 | 88.4 | 71.7 | 107.5 |

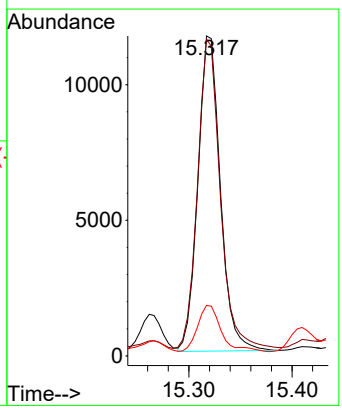


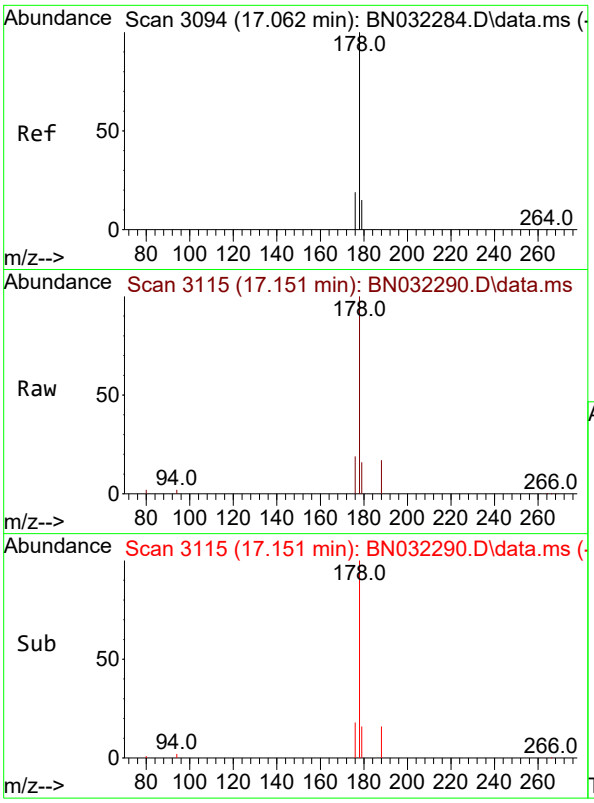




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

Tgt Ion:166 Resp: 17602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.1 | 79.0 | 118.6 |
| 167 | 15.8 | 11.0 | 16.6 |



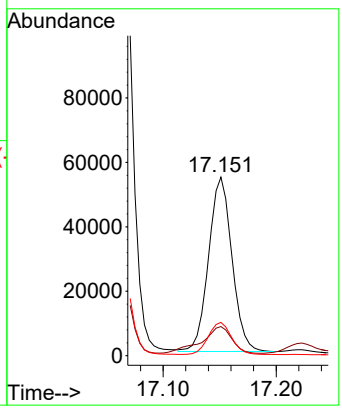


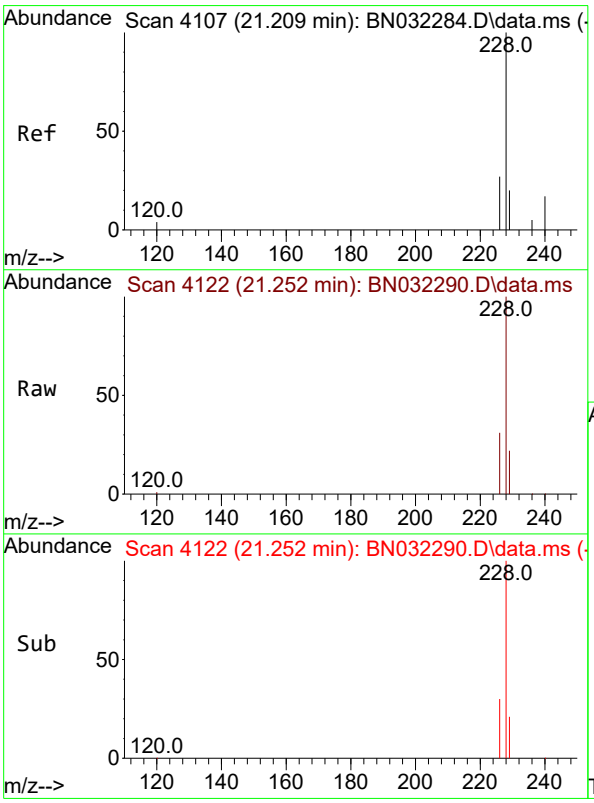

#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.151 min Scan# 3
Delta R.T. 0.084 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Tgt Ion:178 Resp: 77631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.3 | 12.6 | 18.8 |
| 176 | 18.6 | 15.6 | 23.4 |

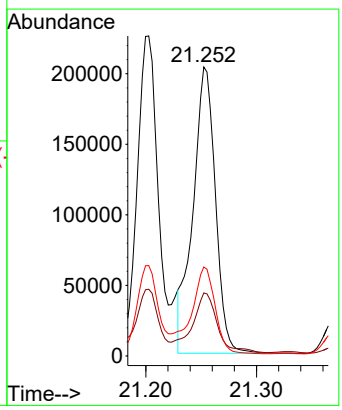


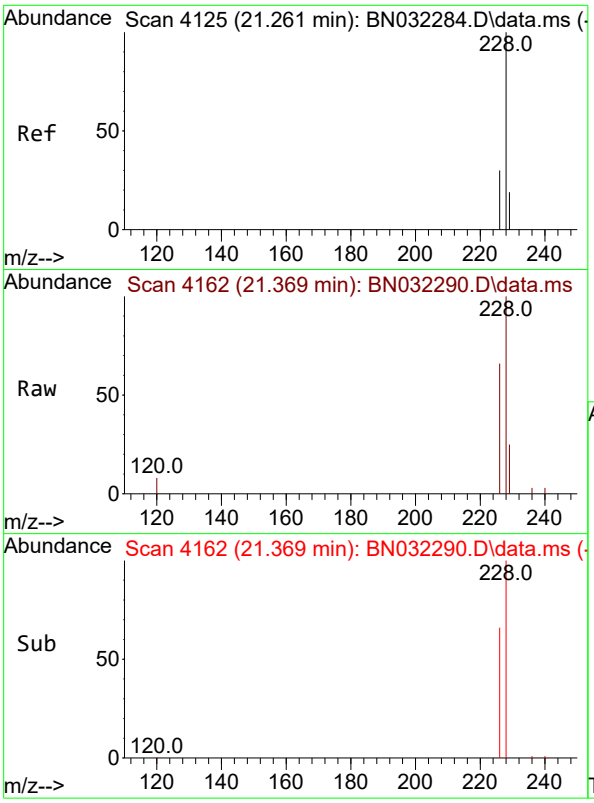




#21
Benzo(a)anthracene
Concen: 1102.407 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. 0.038 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

Tgt Ion:228 Resp: 286481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.8 | 15.7 | 23.5 |
| 226 | 30.8 | 21.8 | 32.8 |



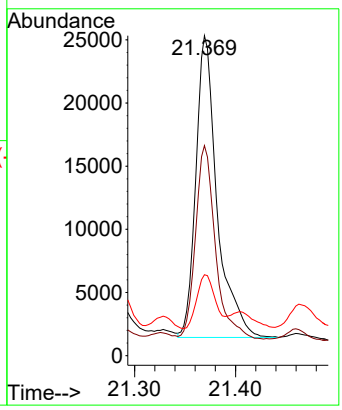


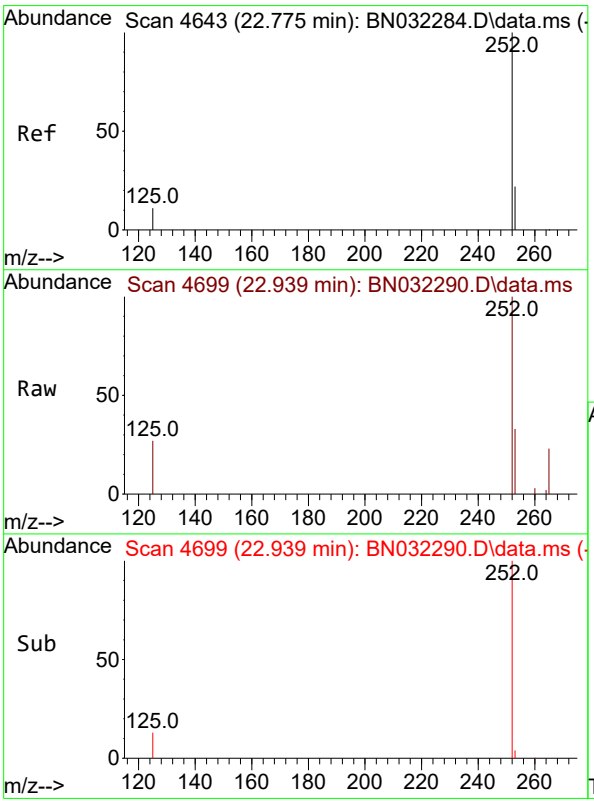

#22
Chrysene
Concen: 122.250 ng/ul
RT: 21.369 min Scan# 4
Delta R.T. 0.102 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Tgt Ion:228 Resp: 34869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 65.6 | 23.6 | 35.4# |
| 229 | 25.3 | 15.7 | 23.5# |

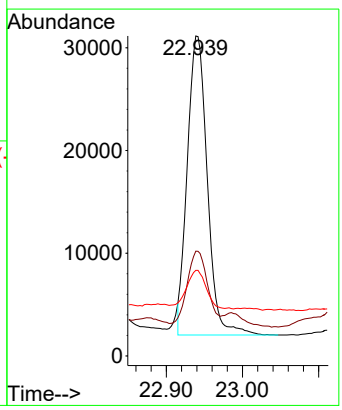


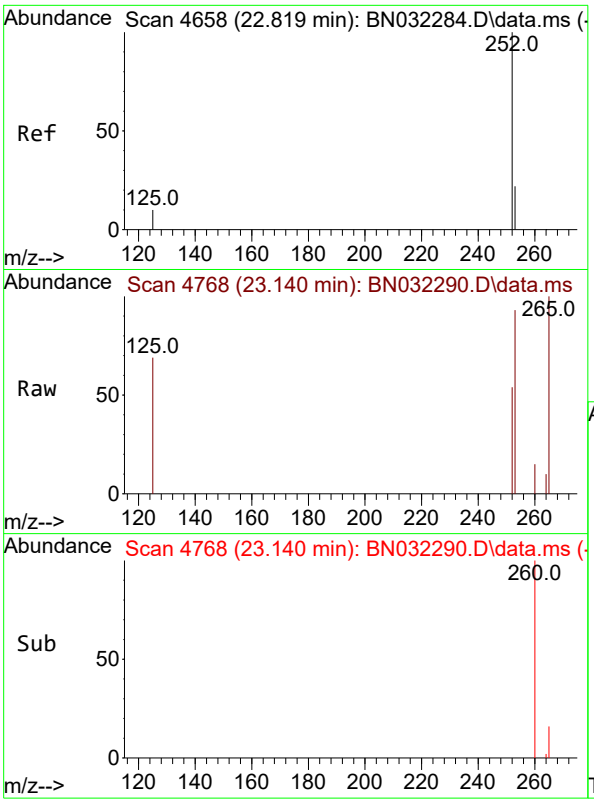




#24
Benzo(b)fluoranthene
Concen: 7.547 ng/ul
RT: 22.939 min Scan# 4699
Delta R.T. 0.155 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

Tgt Ion:252 Resp: 53088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 32.8 | 0.0 | 50.2 |
| 125 | 26.8 | 0.0 | 32.0 |



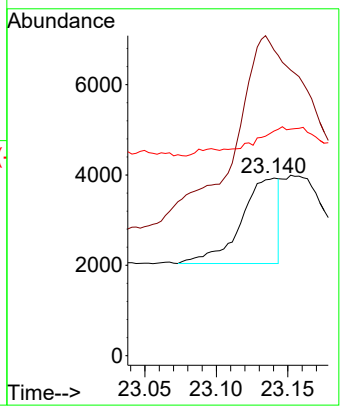


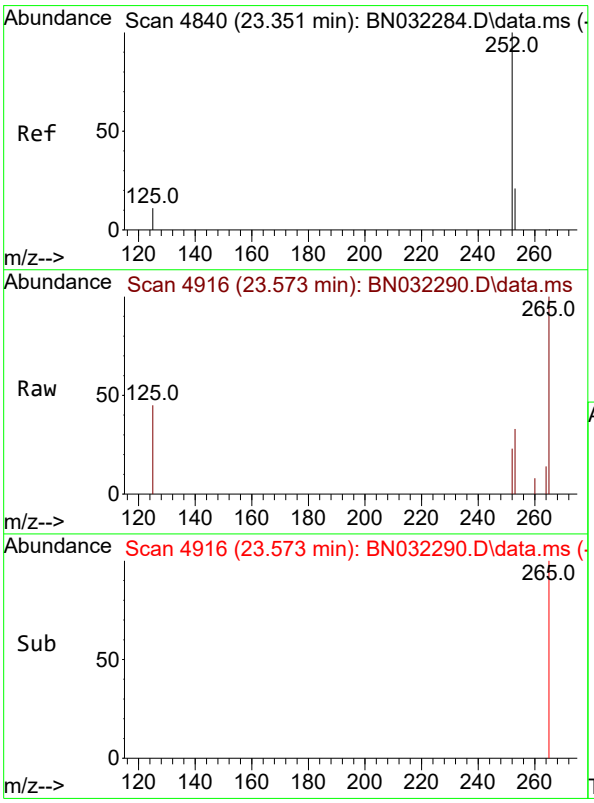

#25
Benzo(k)fluoranthene
Concen: 0.505 ng/ul
RT: 23.140 min Scan# 4
Delta R.T. 0.313 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Tgt Ion:252 Resp: 3450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 172.1 | 20.3 | 30.5# |
| 125 | 126.5 | 12.8 | 19.2# |

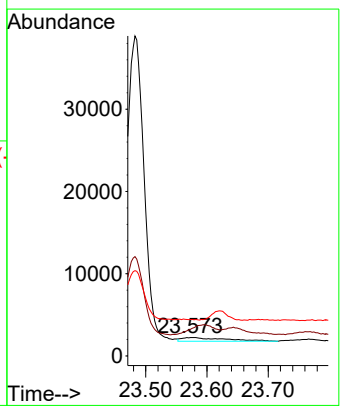


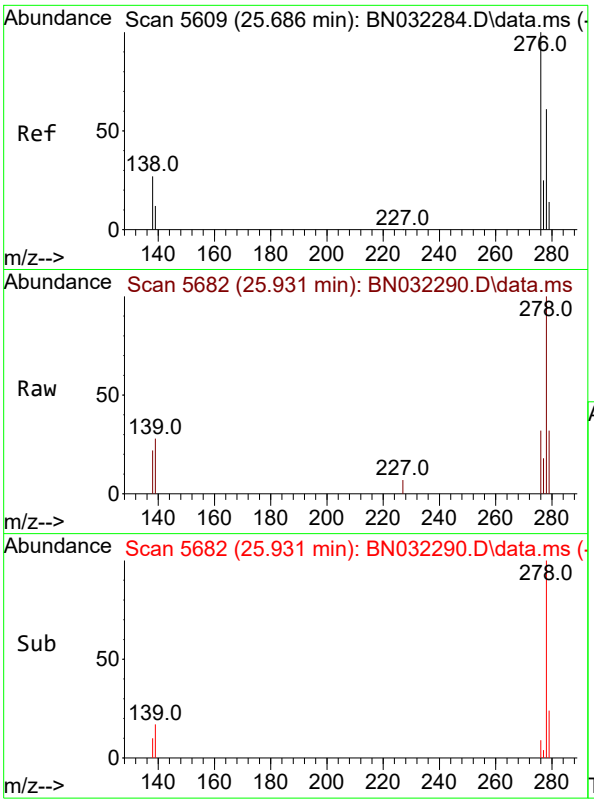




#26
Benzo(a)pyrene
Concen: 0.458 ng/ul
RT: 23.573 min Scan# 4916
Delta R.T. 0.213 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

Tgt Ion:252 Resp: 2242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 144.8 | 22.2 | 33.2# |
| 125 | 197.2 | 16.4 | 24.6# |



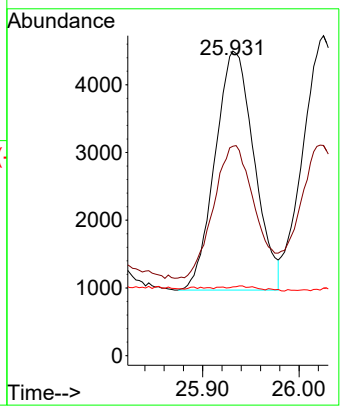


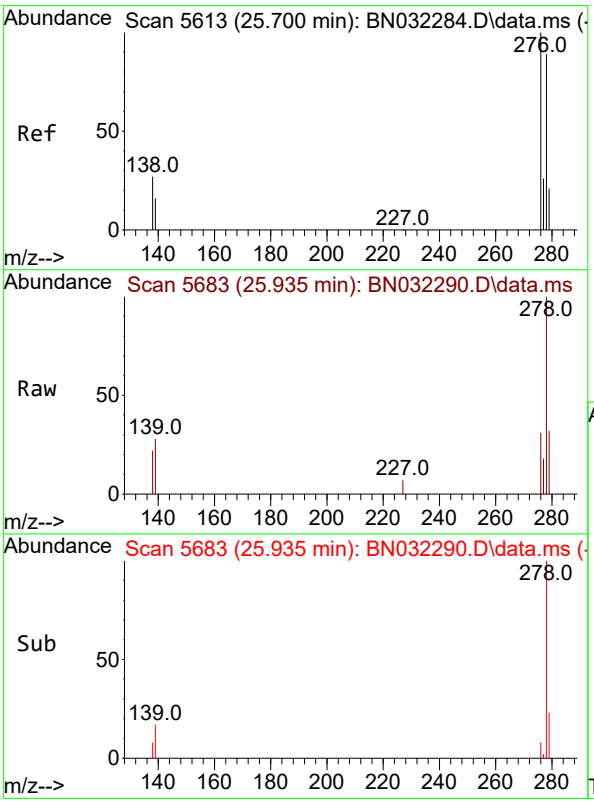

#27
Indeno(1,2,3-cd)pyrene
Concen: 1.298 ng/ul
RT: 25.931 min Scan# 5
Delta R.T. 0.231 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Tgt Ion:276 Resp: 9945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 59.0 | 21.3 | 31.9# |
| 227 | 0.8 | 0.1 | 0.1# |

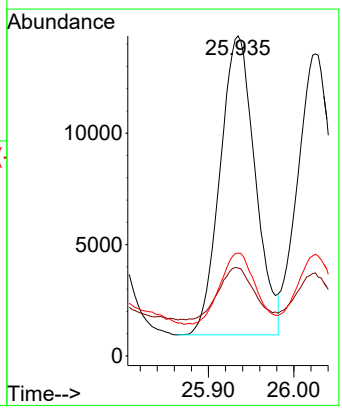


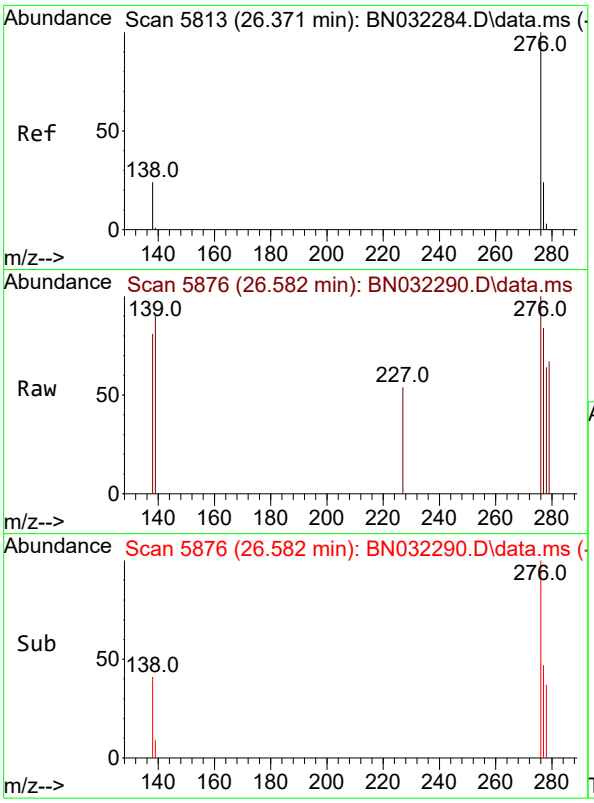




#28
Dibenzo(a,h)anthracene
Concen: 6.731 ng/ul
RT: 25.935 min Scan# 5683
Delta R.T. 0.225 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

Tgt Ion:278 Resp: 38324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 27.5 | 15.9 | 23.9# |
| 279 | 32.2 | 21.1 | 31.7# |






#29
Benzo(g,h,i)perylene
Concen: 0.668 ng/ul
RT: 26.582 min Scan# 5
Delta R.T. 0.201 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

**Instrument :**
BNA_N
**ClientSampleId :**
A4B43

Tgt Ion:276 Resp: 4075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 80.8 | 19.8 | 29.6# |
| 277 | 83.8 | 19.8 | 29.6# |