Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
Data File : BM037600.D
Acq On : 19 Nov 2022 13:56
Operator : CG/JU
Sample : PB149170BS
Misc :
ALS Vial : 87 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**

Quant Time: Nov 20 23:48:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 06:51:41 2022
Response via : Initial Calibration

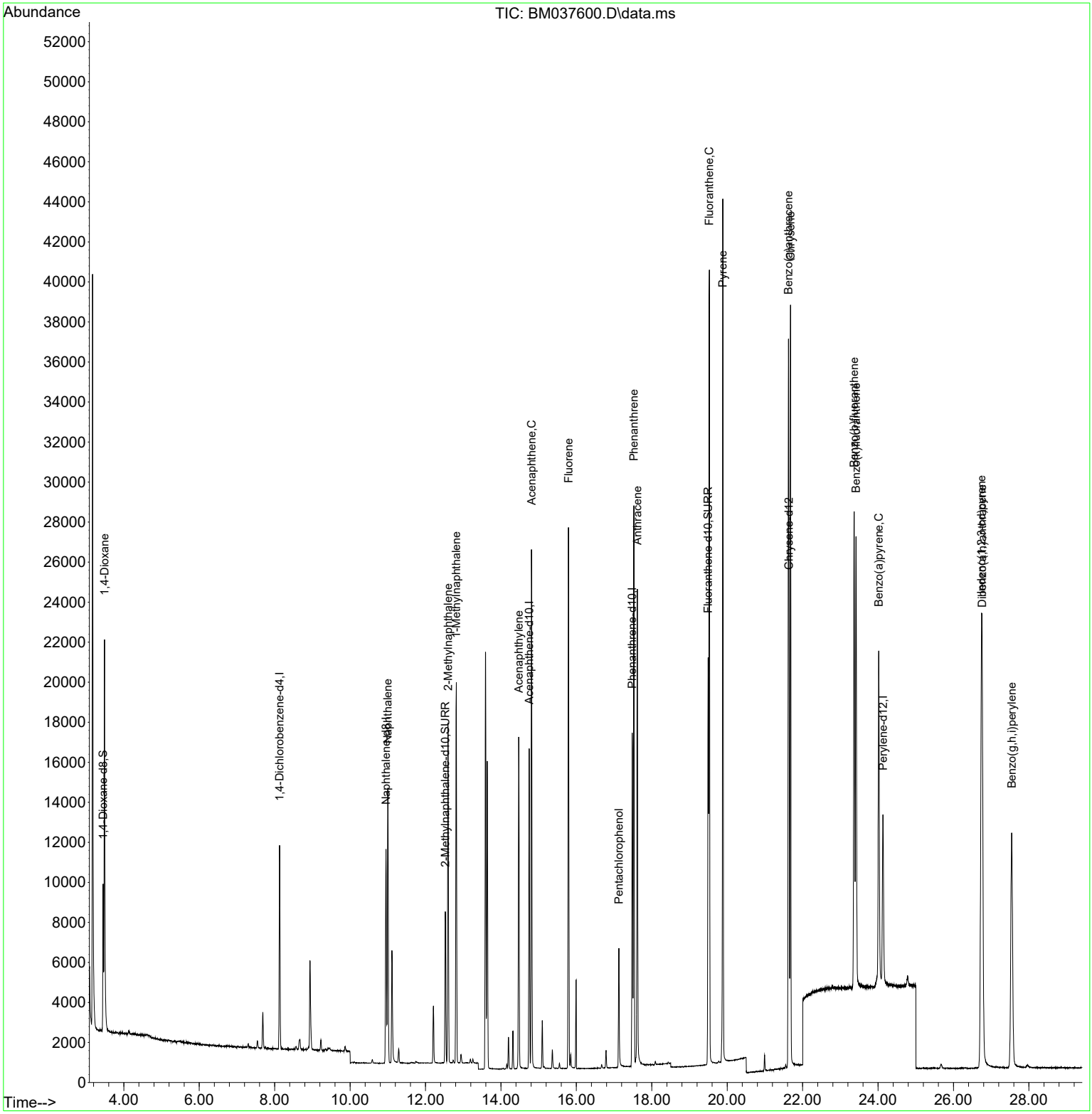
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.132 | 152 | 4970 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.952 | 136 | 13609 | 0.400 | ng/ul | # | 0.00 |
| 9) Acenaphthene-d10 | 14.751 | 164 | 8241 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.482 | 188 | 18763 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.640 | 240 | 13986 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 24.131 | 264 | 12321 | 0.400 | ng/ul | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.453 | 96 | 4605 | 0.797 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.525 | 152 | 9145 | 0.405 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.494 | 212 | 20463 | 0.443 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.487 | 88 | 12362 | 2.055 | ng/ul | # | 51 |
| 5) Naphthalene | 11.001 | 128 | 18112 | 0.438 | ng/ul | | 98 |
| 7) 2-Methylnaphthalene | 12.602 | 142 | 11691 | 0.416 | ng/ul | | 100 |
| 8) 1-Methylnaphthalene | 12.816 | 142 | 12591 | 0.437 | ng/ul | | 100 |
| 10) Acenaphthylene | 14.473 | 152 | 18039 | 0.394 | ng/ul | | 100 |
| 11) Acenaphthene | 14.811 | 153 | 14250 | 0.446 | ng/ul | | 98 |
| 12) Fluorene | 15.792 | 166 | 16887 | 0.439 | ng/ul | | 100 |
| 14) Pentachlorophenol | 17.127 | 266 | 4107 | 0.976 | ng/ul | | 99 |
| 15) Phenanthrene | 17.524 | 178 | 28766 | 0.448 | ng/ul | | 99 |
| 16) Anthracene | 17.617 | 178 | 25739 | 0.416 | ng/ul | | 99 |
| 19) Fluoranthene | 19.526 | 202 | 33468 | 0.496 | ng/ul | | 98 |
| 20) Pyrene | 19.884 | 202 | 34093 | 0.486 | ng/ul | | 97 |
| 21) Benzo(a)anthracene | 21.625 | 228 | 29300 | 0.469 | ng/ul | | 100 |
| 22) Chrysene | 21.678 | 228 | 31923 | 0.514 | ng/ul | | 100 |
| 24) Benzo(b)fluoranthene | 23.367 | 252 | 31990 | 0.569 | ng/ul | | 95 |
| 25) Benzo(k)fluoranthene | 23.414 | 252 | 30547 | 0.539 | ng/ul | # | 96 |
| 26) Benzo(a)pyrene | 24.019 | 252 | 26140 | 0.535 | ng/ul | # | 89 |
| 27) Indeno(1,2,3-cd)pyrene | 26.742 | 276 | 33189 | 0.513 | ng/ul | # | 93 |
| 28) Dibenzo(a,h)anthracene | 26.762 | 278 | 26094 | 0.513 | ng/ul | | 98 |
| 29) Benzo(g,h,i)perylene | 27.544 | 276 | 27071 | 0.493 | ng/ul | | 97 |

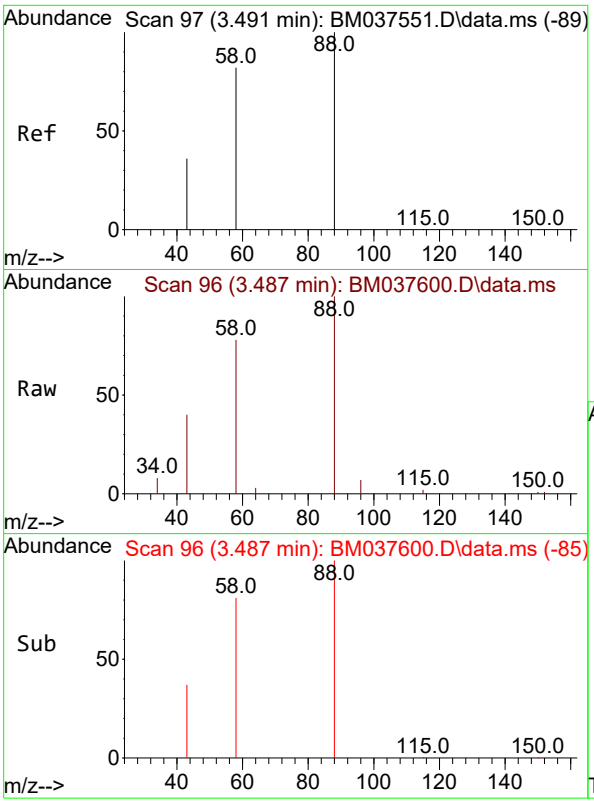
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
Data File : BM037600.D
Acq On : 19 Nov 2022 13:56
Operator : CG/JU
Sample : PB149170BS
Misc :
ALS Vial : 87 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**

Quant Time: Nov 20 23:48:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 06:51:41 2022
Response via : Initial Calibration



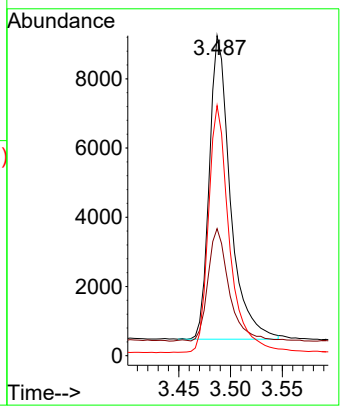


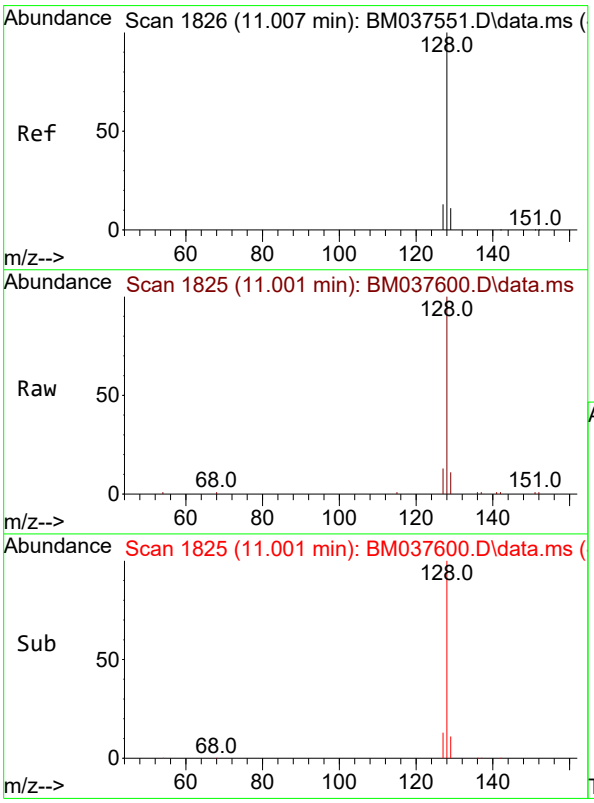

#2
1,4-Dioxane
Concen: 2.055 ng/ul
RT: 3.487 min Scan# 9
Delta R.T. -0.004 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 88 Resp: 12362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.7 | 102.8 | 154.2# |
| 58 | 78.1 | 67.3 | 100.9 |

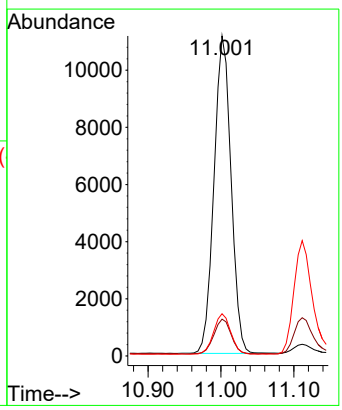


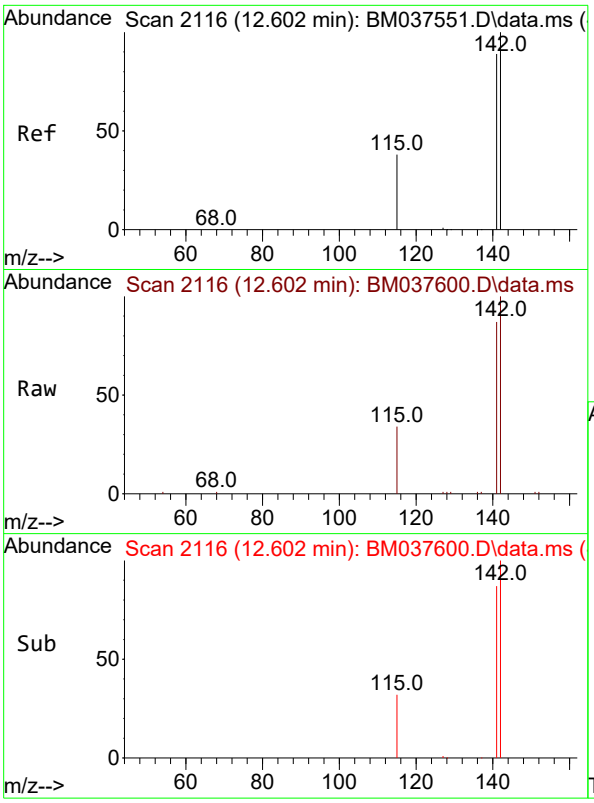




#5
Naphthalene
Concen: 0.438 ng/ul
RT: 11.001 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:128 Resp: 18112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 9.8 | 14.8 |
| 127 | 13.2 | 11.0 | 16.4 |



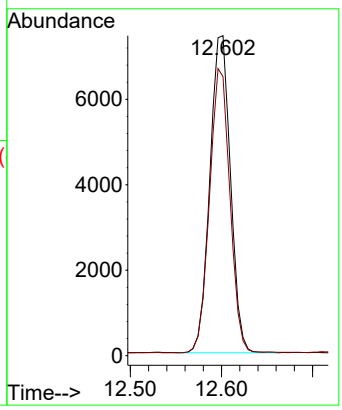


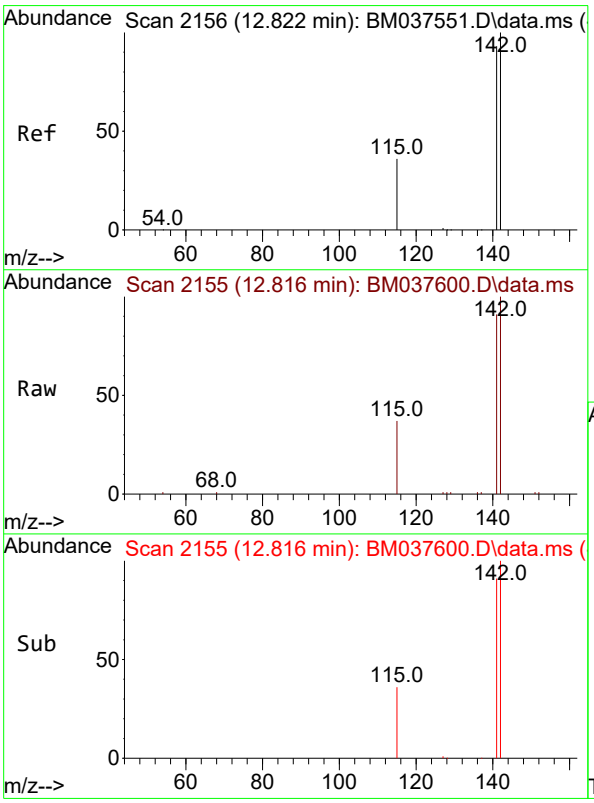

#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.602 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:142 Resp: 11691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 71.0 | 106.4 |

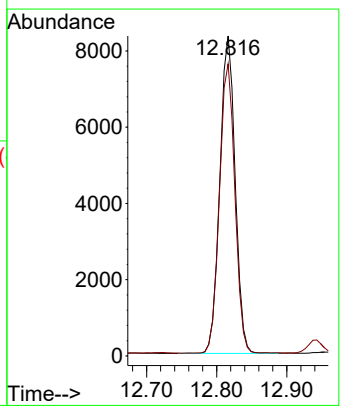


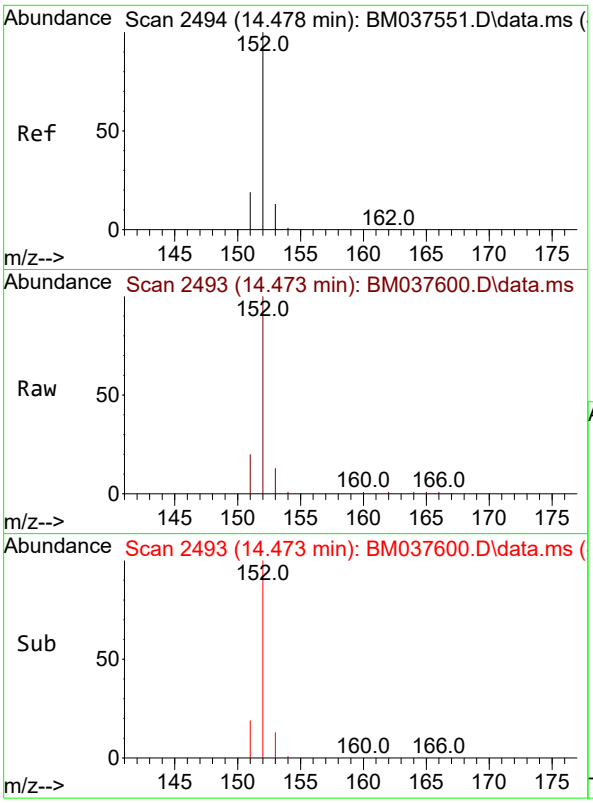




#8
1-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.816 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:142 Resp: 12591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.4 | 73.4 | 110.0 |



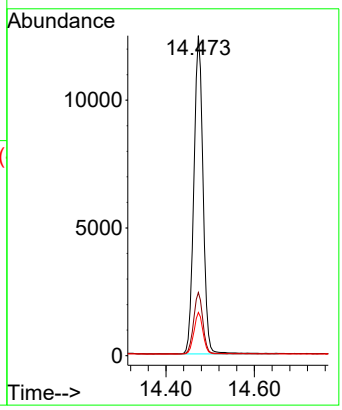


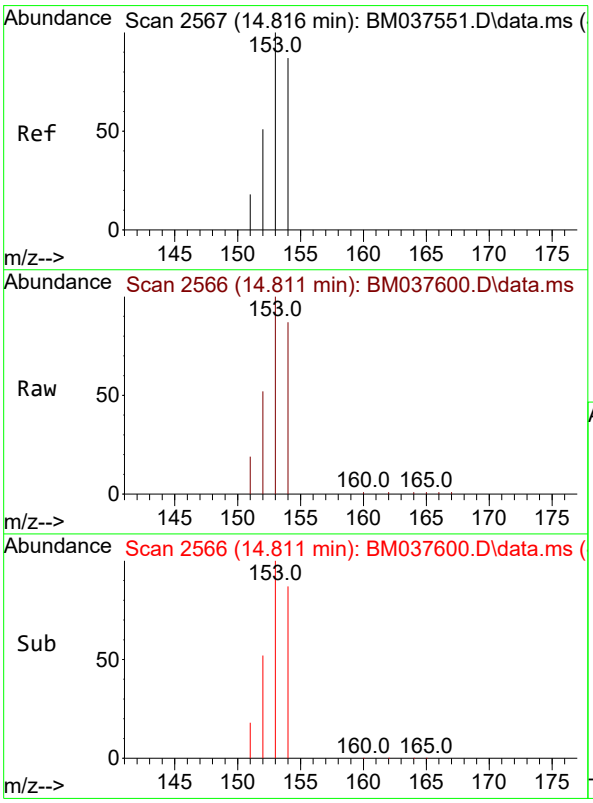

#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.473 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:152 Resp: 18039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 13.5 | 11.0 | 16.4 |

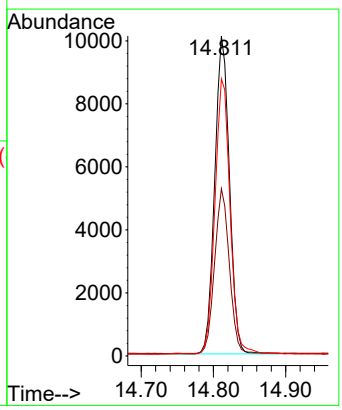


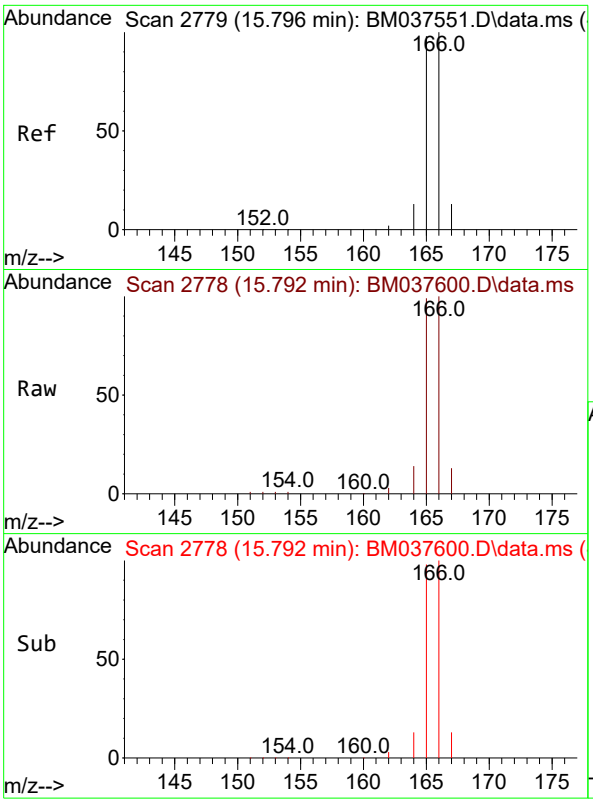




#11
Acenaphthene
Concen: 0.446 ng/ul
RT: 14.811 min Scan# 2566
Delta R.T. -0.005 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:153 Resp: 14250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 52.3 | 39.4 | 59.0 |
| 154 | 86.6 | 69.5 | 104.3 |



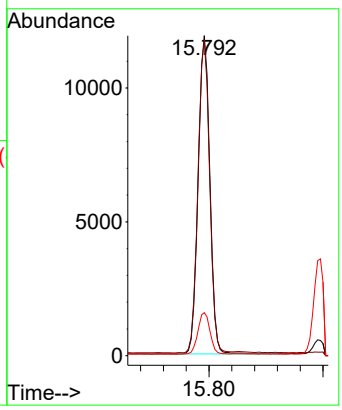


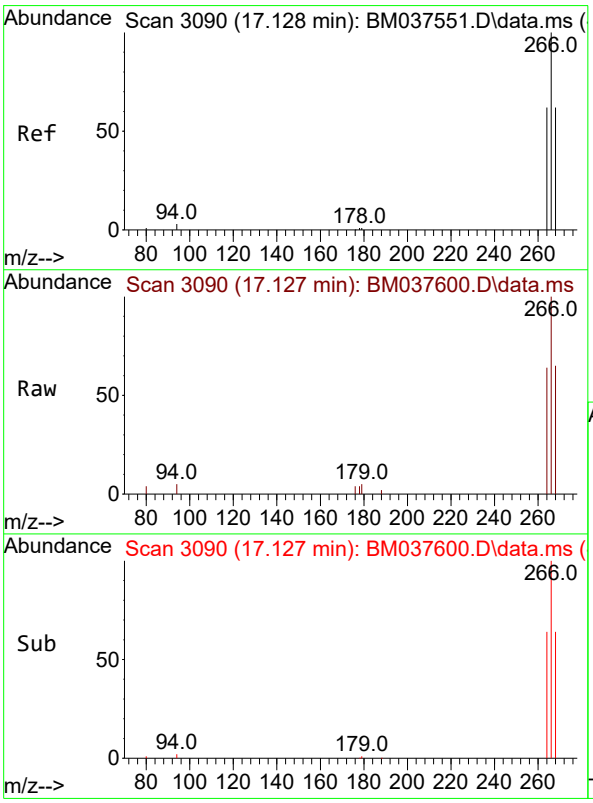

#12
Fluorene
Concen: 0.439 ng/ul
RT: 15.792 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:166 Resp: 16887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.5 | 78.7 | 118.1 |
| 167 | 13.4 | 11.3 | 16.9 |

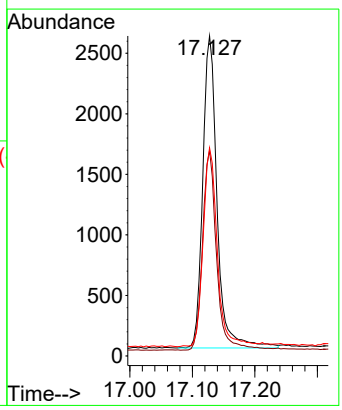


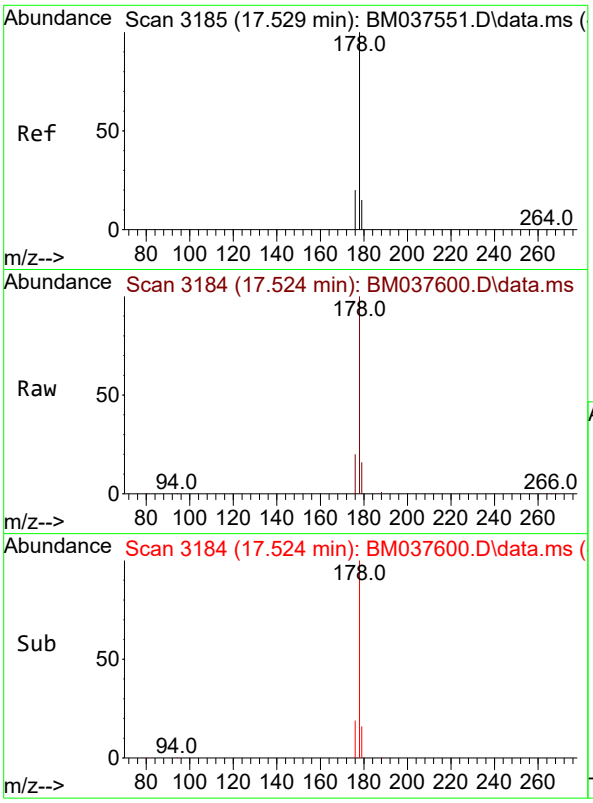




#14
Pentachlorophenol
Concen: 0.976 ng/ul
RT: 17.127 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:266 Resp: 4107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.9 | 50.2 | 75.2 |
| 268 | 64.4 | 52.0 | 78.0 |



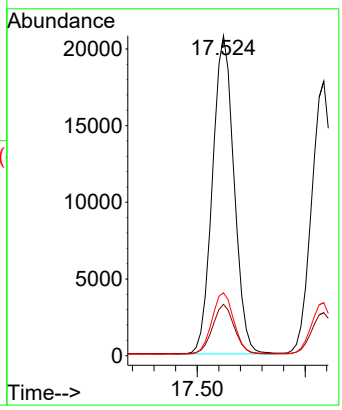


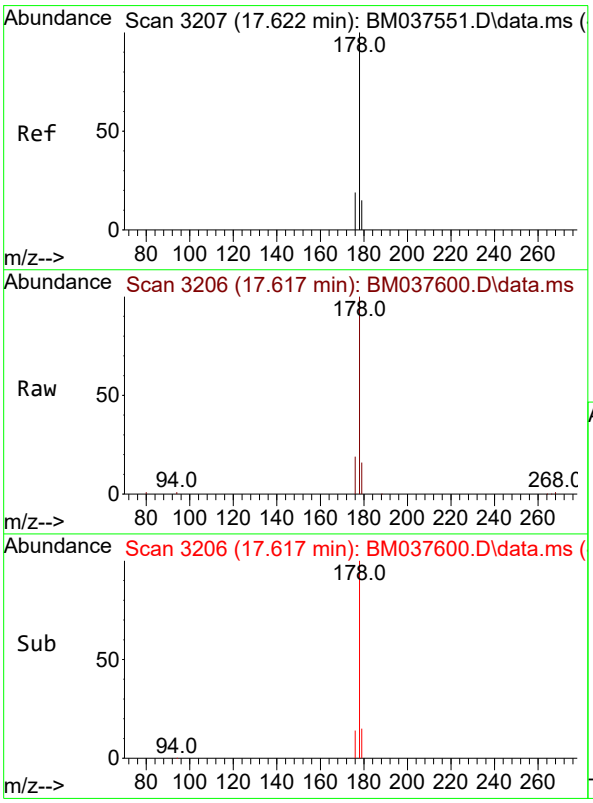

#15
Phenanthrene
Concen: 0.448 ng/ul
RT: 17.524 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:178 Resp: 28766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.0 | 12.6 | 18.8 |
| 176 | 19.7 | 16.0 | 24.0 |

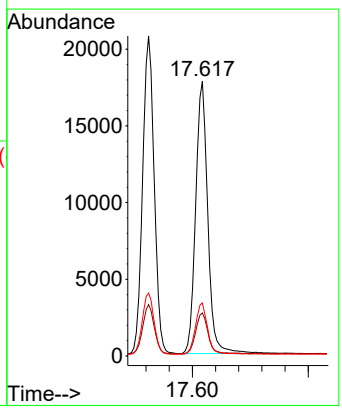


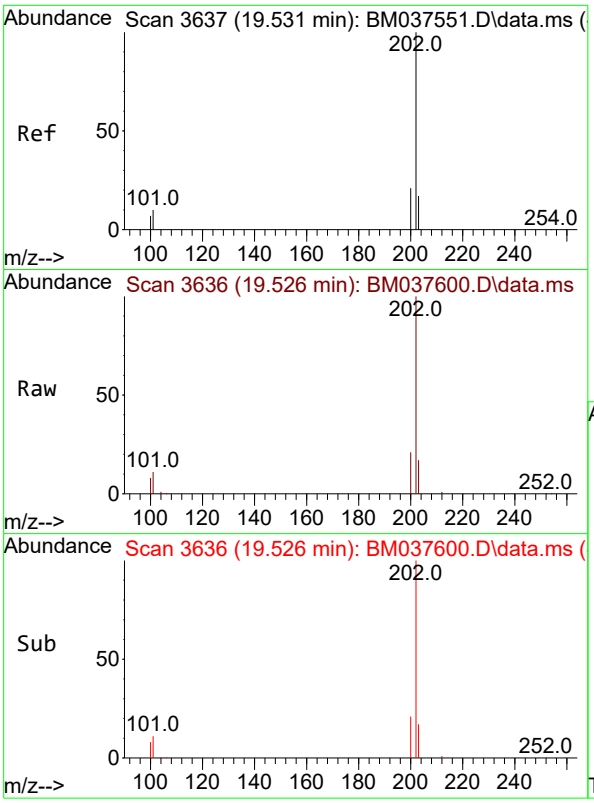




#16
Anthracene
Concen: 0.416 ng/ul
RT: 17.617 min Scan# 3206
Delta R.T. -0.000 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:178 Resp: 25739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 12.8 | 19.2 |
| 176 | 19.3 | 15.0 | 22.6 |



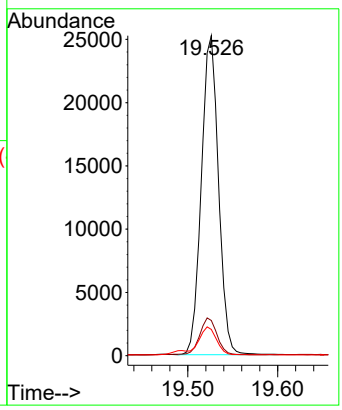


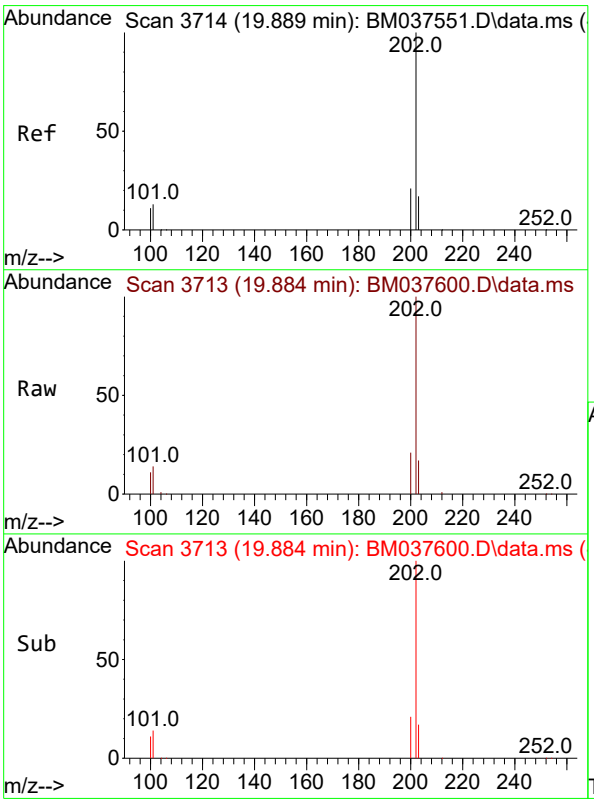

#19
Fluoranthene
Concen: 0.496 ng/ul
RT: 19.526 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:202 Resp: 33468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 8.2 | 12.2 |
| 100 | 8.2 | 6.1 | 9.1 |

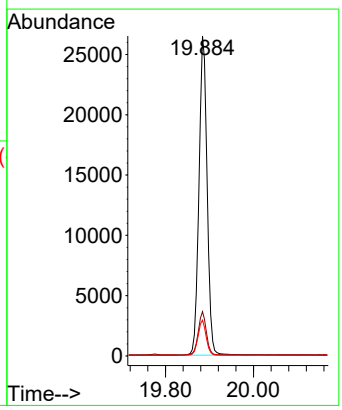


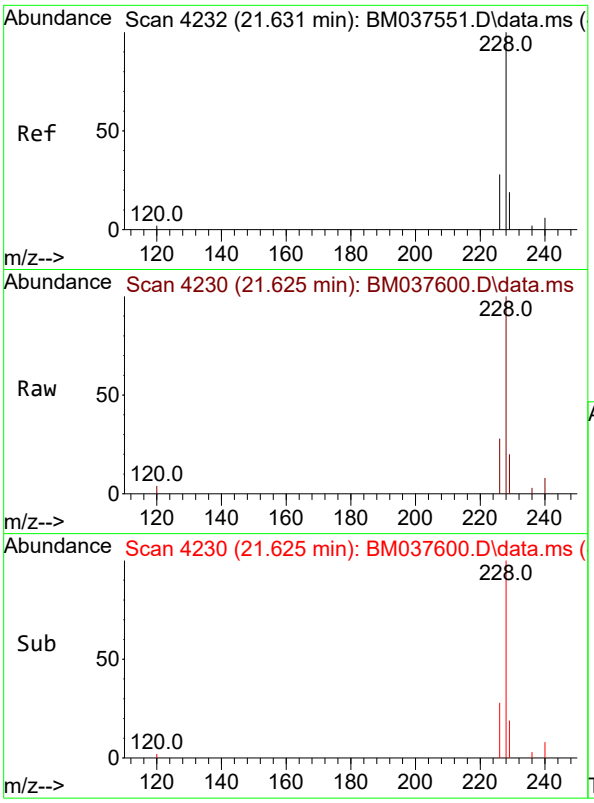




#20
Pyrene
Concen: 0.486 ng/ul
RT: 19.884 min Scan# 3713
Delta R.T. -0.005 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:202 Resp: 34093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.9 | 10.1 | 15.1 |
| 100 | 11.2 | 8.0 | 12.0 |



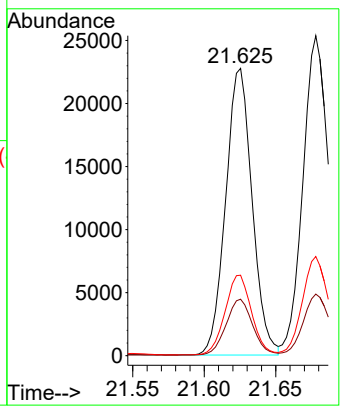


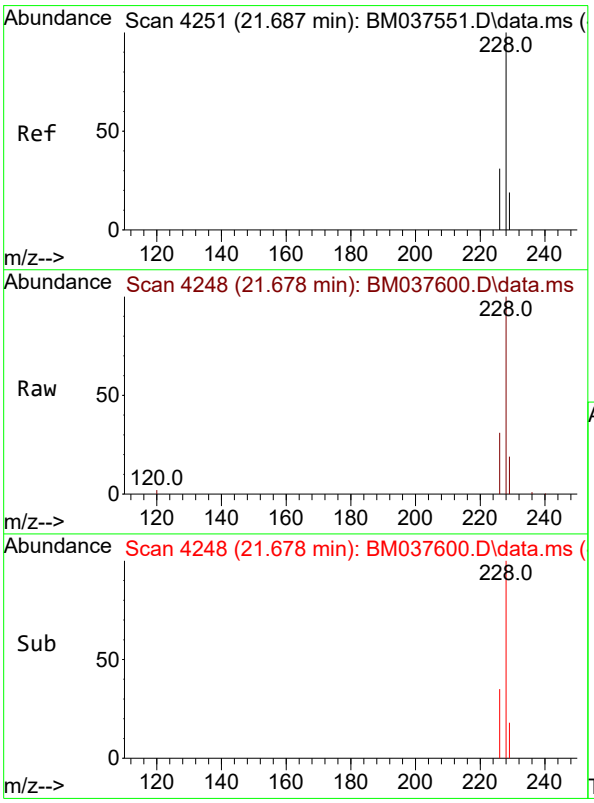

#21
Benzo(a)anthracene
Concen: 0.469 ng/ul
RT: 21.625 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:228 Resp: 29300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.7 | 15.7 | 23.5 |
| 226 | 28.0 | 22.2 | 33.2 |

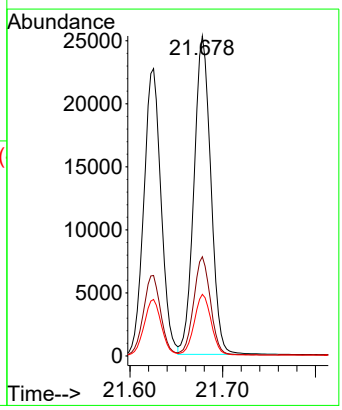


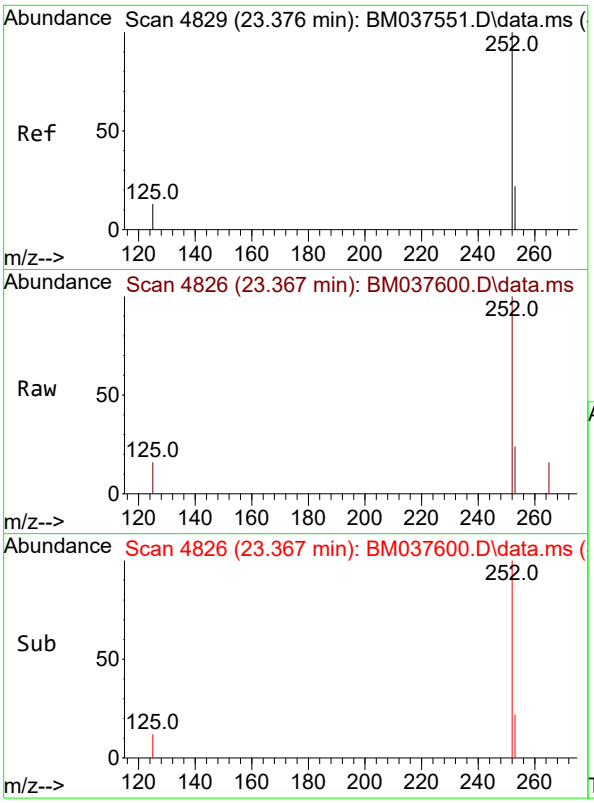




#22
Chrysene
Concen: 0.514 ng/ul
RT: 21.678 min Scan# 4248
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:228 Resp: 31923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.6 | 37.0 |
| 229 | 19.2 | 15.5 | 23.3 |



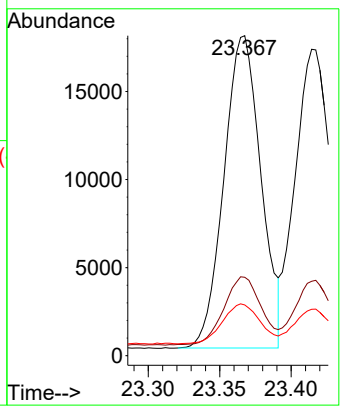


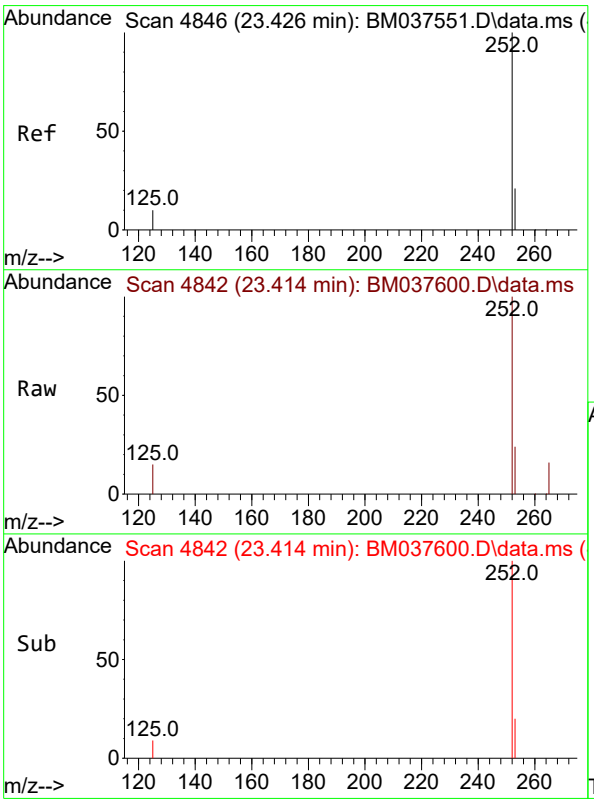

#24
Benzo(b)fluoranthene
Concen: 0.569 ng/ul
RT: 23.367 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:252 Resp: 31990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 0.0 | 46.2 |
| 125 | 15.8 | 0.0 | 23.4 |

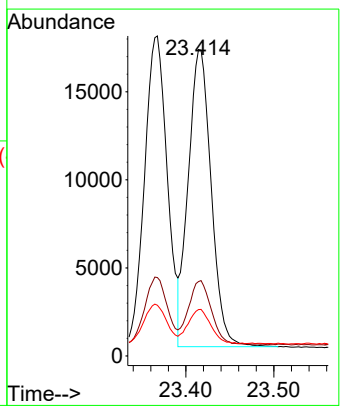


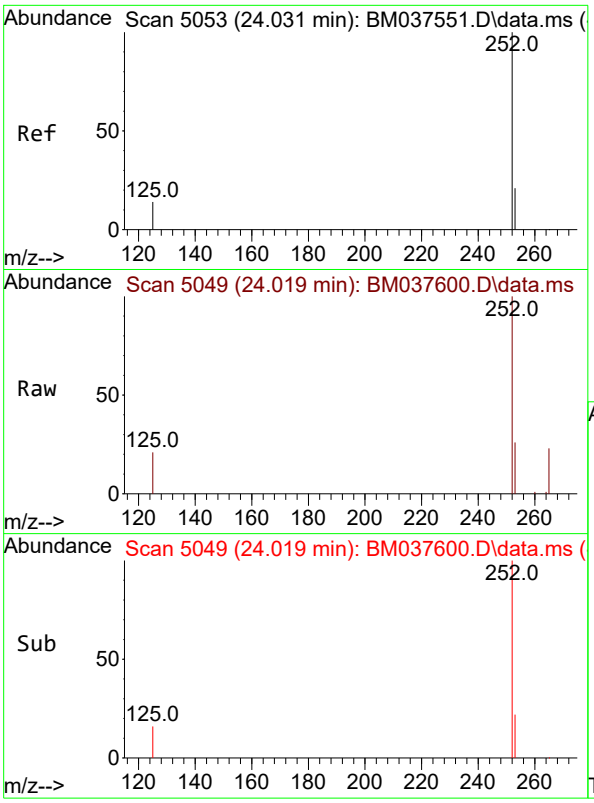




#25
Benzo(k)fluoranthene
Concen: 0.539 ng/ul
RT: 23.414 min Scan# 4842
Delta R.T. -0.012 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:252 Resp: 30547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 18.8 | 28.2 |
| 125 | 15.1 | 9.8 | 14.6# |



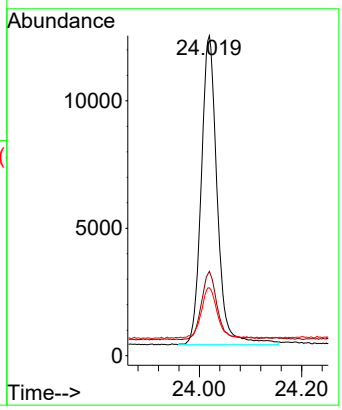


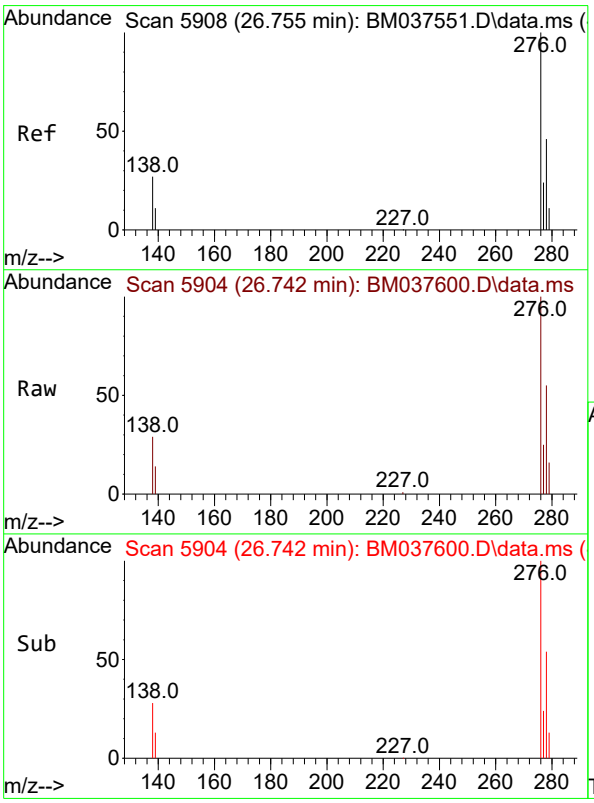

#26
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 24.019 min Scan# 5
Delta R.T. -0.009 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:252 Resp: 26140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.4 | 18.8 | 28.2 |
| 125 | 21.2 | 10.5 | 15.7# |

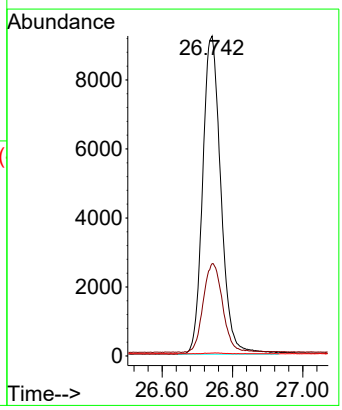


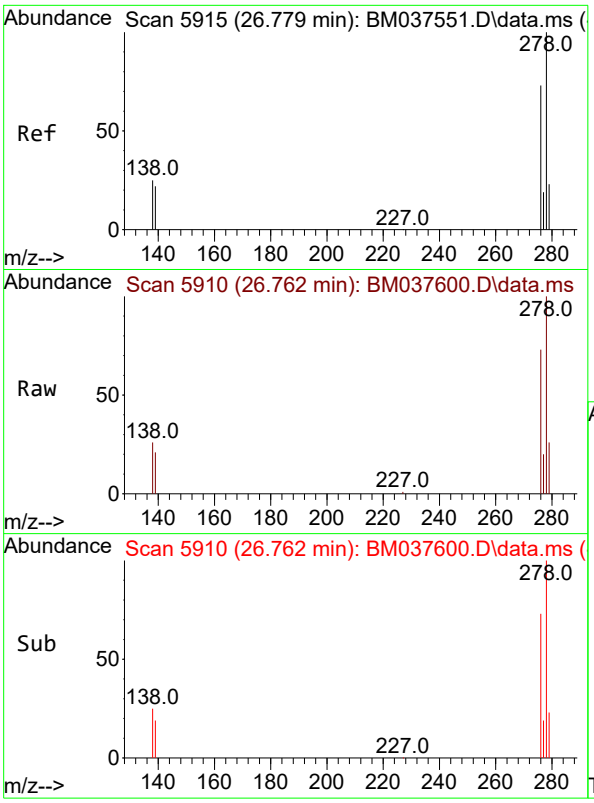




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.513 ng/ul
RT: 26.742 min Scan# 5904
Delta R.T. -0.013 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:276 Resp: 33189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.1 | 21.2 | 31.8 |
| 227 | 0.2 | 0.1 | 0.1# |



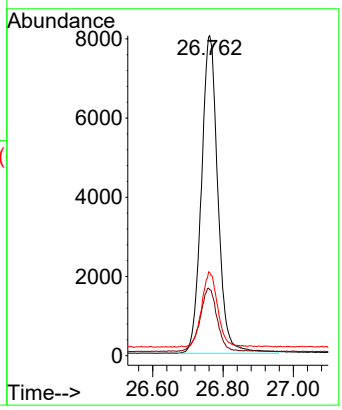


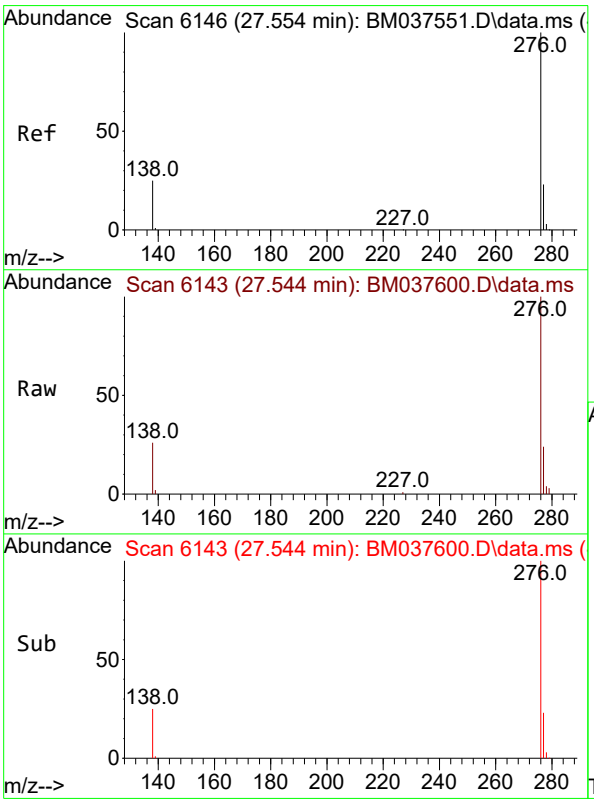

#28
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul
RT: 26.762 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:278 Resp: 26094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.7 | 15.2 | 22.8 |
| 279 | 26.0 | 20.2 | 30.2 |




#29
Benzo(g,h,i)perylene
Concen: 0.493 ng/ul
RT: 27.544 min Scan# 6143
Delta R.T. -0.017 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:276 Resp: 27071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.0 | 19.0 | 28.4 |
| 277 | 23.7 | 19.4 | 29.2 |