Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
Data File : BM037512.D
Acq On : 16 Nov 2022 18:18
Operator : CG/JU
Sample : SSTD0.888
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Quant Time: Nov 17 00:34:18 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 : Thu Nov 17 00:28:35 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.149 | 152 | 6113 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.968 | 136 | 17143 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.765 | 164 | 11567 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.495 | 188 | 26122 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.658 | 240 | 21797 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.157 | 264 | 22506 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.458 | 96 | 5648 | 0.728 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.541 | 152 | 23589 | 0.915 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.508 | 212 | 59020 | 0.866 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.495 | 88 | 5824 | 0.759 | ng/ul# | 70 |
| 5) Naphthalene | 11.018 | 128 | 42954 | 0.865 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.613 | 142 | 29569 | 0.950 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.833 | 142 | 30271 | 0.945 | ng/ul | 100 |
| 10) Acenaphthylene | 14.487 | 152 | 53474 | 1.086 | ng/ul | 98 |
| 11) Acenaphthene | 14.825 | 153 | 37320 | 0.857 | ng/ul | 100 |
| 12) Fluorene | 15.806 | 166 | 44820 | 0.900 | ng/ul | 100 |
| 14) Pentachlorophenol | 17.140 | 266 | 4632 | 0.672 | ng/ul | 100 |
| 15) Phenanthrene | 17.537 | 178 | 73859 | 0.826 | ng/ul | 99 |
| 16) Anthracene | 17.630 | 178 | 71939 | 0.987 | ng/ul | 99 |
| 19) Fluoranthene | 19.540 | 202 | 87537 | 0.848 | ng/ul | 100 |
| 20) Pyrene | 19.898 | 202 | 89992 | 0.832 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.640 | 228 | 79858 | 0.849 | ng/ul | 100 |
| 22) Chrysene | 21.696 | 228 | 79627 | 0.759 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.388 | 252 | 84764 | 0.656 | ng/ul | 98 |
| 25) Benzo(k)fluoranthene | 23.441 | 252 | 86426 | 0.699 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 24.043 | 252 | 73884 | 0.684 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.782 | 276 | 97915 | 0.681 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.806 | 278 | 77415 | 0.699 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 27.584 | 276 | 82513 | 0.663 | ng/ul | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
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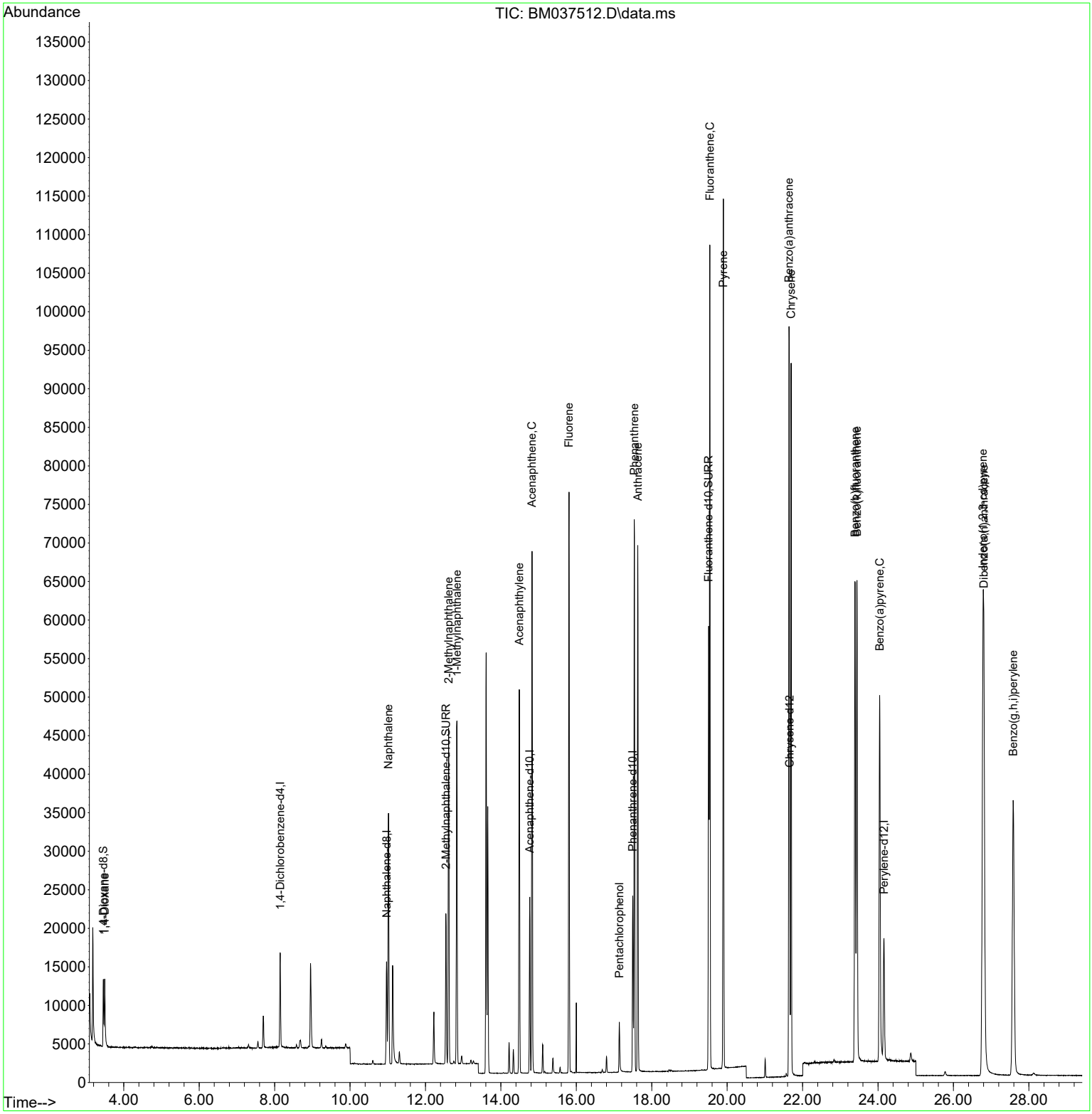
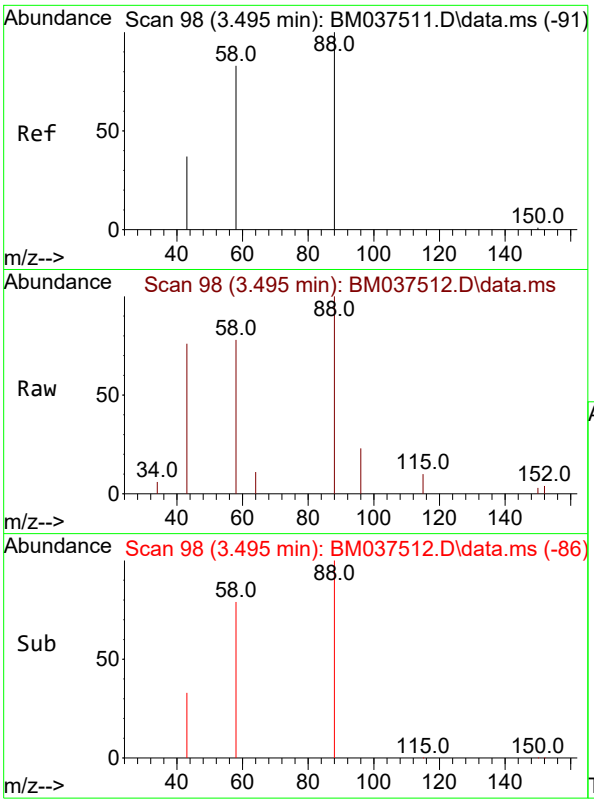
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Quant Time: Nov 17 00:34:18 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 : Thu Nov 17 00:28:35 2022
Response via : Initial Calibration



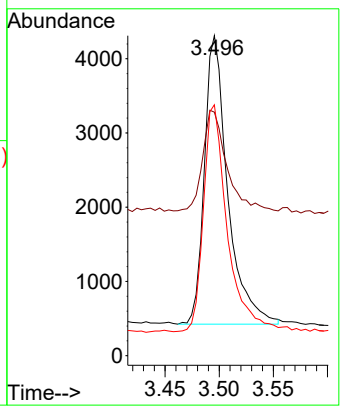


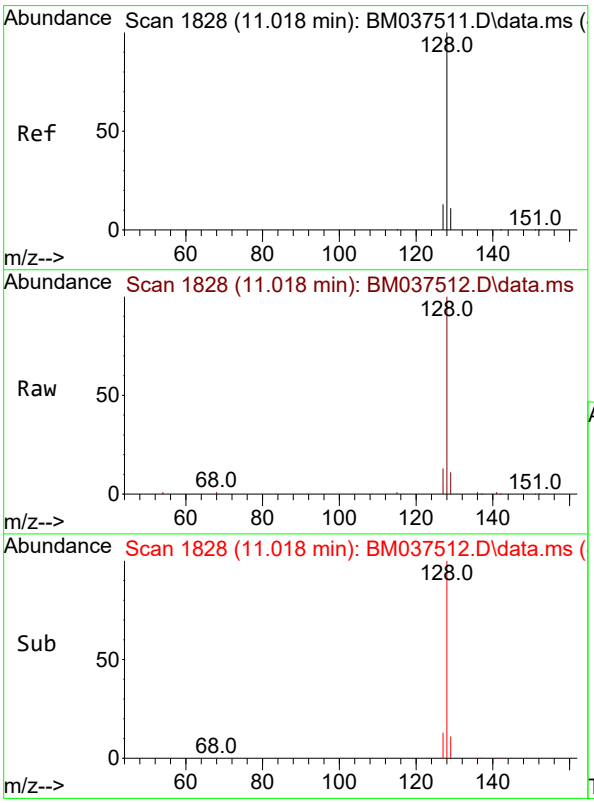

#2
1,4-Dioxane
Concen: 0.759 ng/ul
RT: 3.495 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion: 88 Resp: 5824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 76.1 | 102.8 | 154.2# |
| 58 | 78.4 | 67.3 | 100.9 |

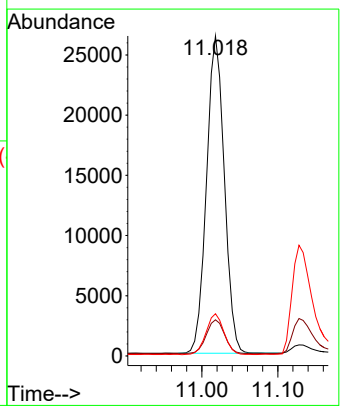


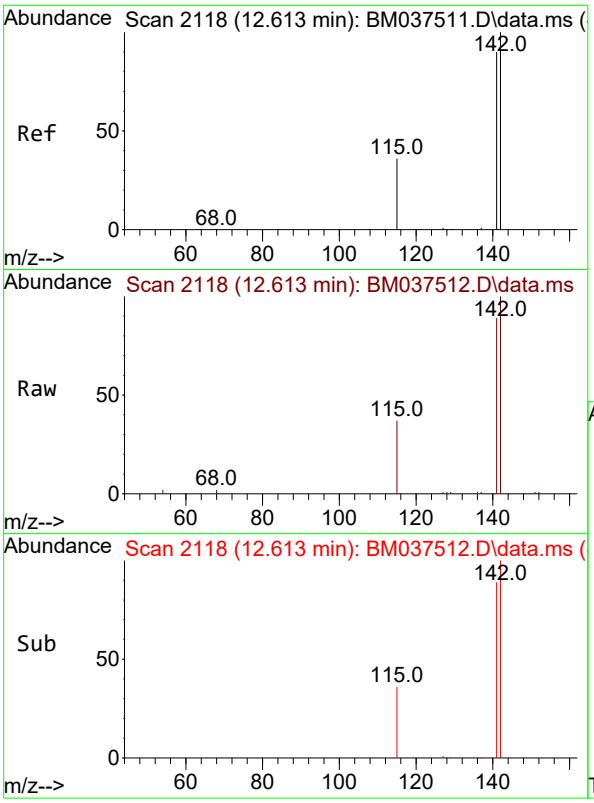




#5
Naphthalene
Concen: 0.865 ng/ul
RT: 11.018 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:128 Resp: 42954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.8 | 14.8 |
| 127 | 13.2 | 11.0 | 16.4 |



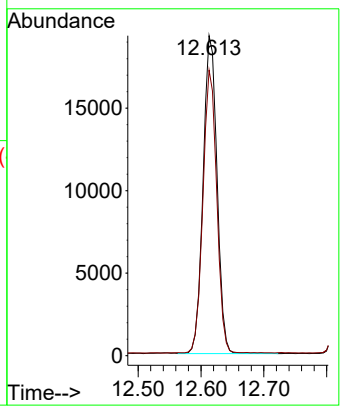


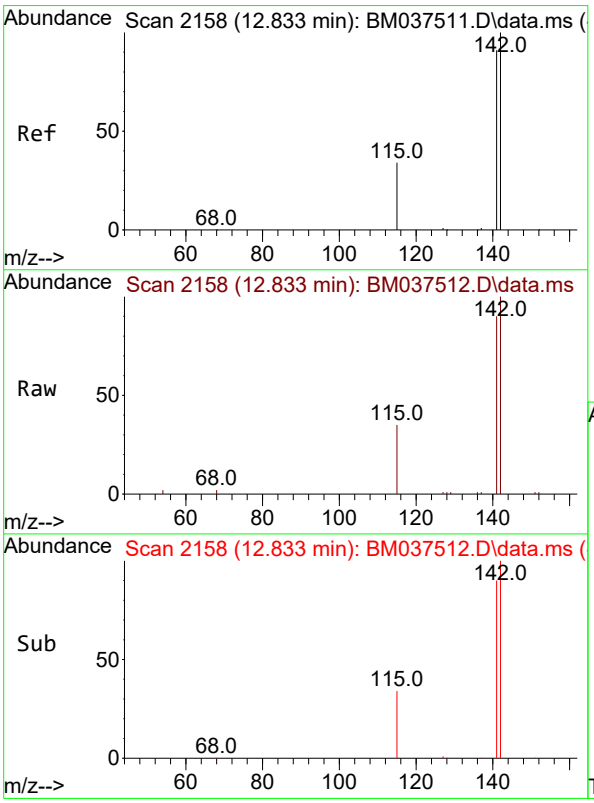

#7
2-Methylnaphthalene
Concen: 0.950 ng/ul
RT: 12.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion:142 Resp: 29569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 71.0 | 106.4 |

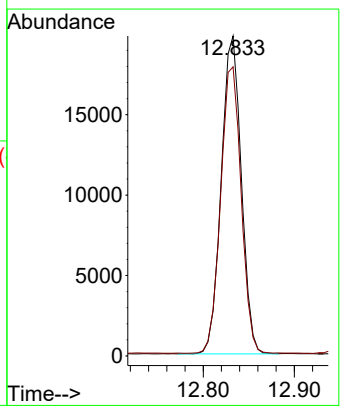


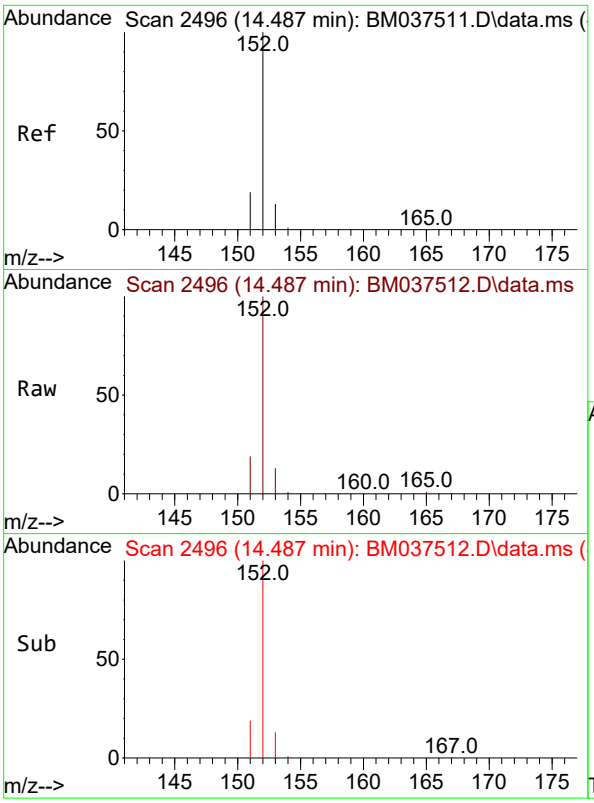




#8
1-Methylnaphthalene
Concen: 0.945 ng/ul
RT: 12.833 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:142 Resp: 30271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 73.4 | 110.0 |



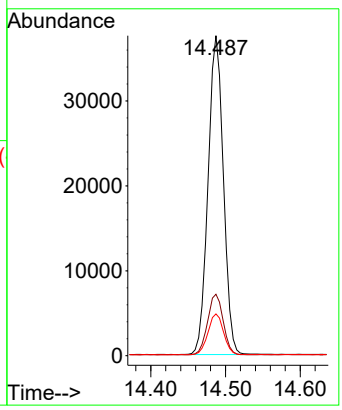


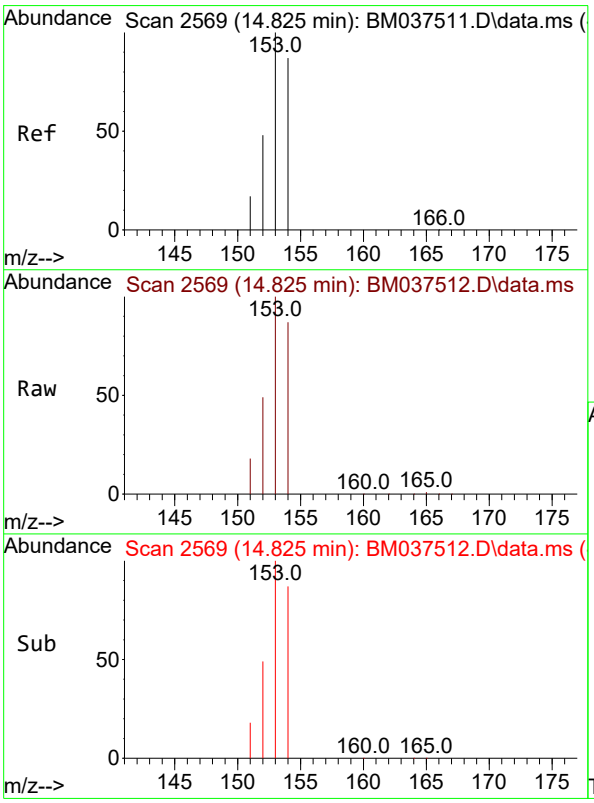

#10
Acenaphthylene
Concen: 1.086 ng/ul
RT: 14.487 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion:152 Resp: 53474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.9 | 23.9 |
| 153 | 13.1 | 11.0 | 16.4 |

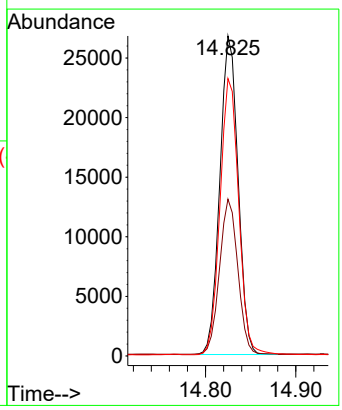


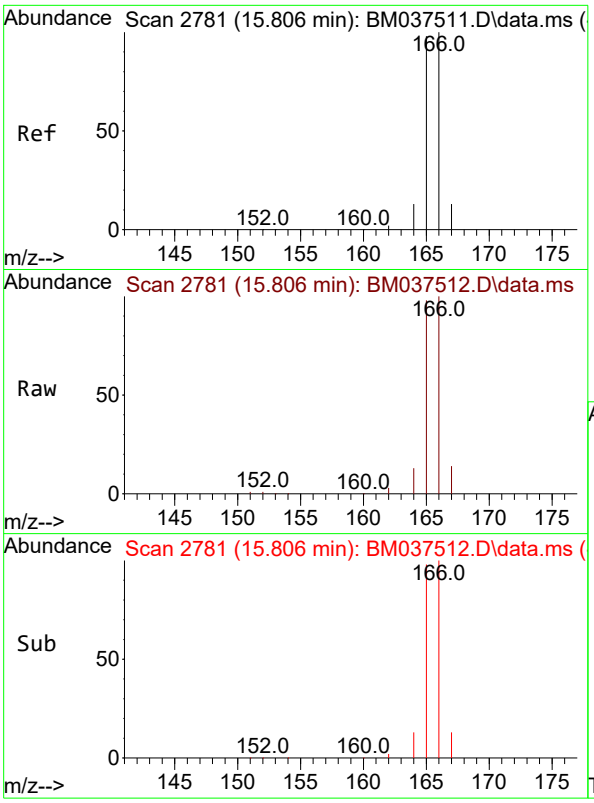




#11
Acenaphthene
Concen: 0.857 ng/ul
RT: 14.825 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:153 Resp: 37320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 49.0 | 39.4 | 59.0 |
| 154 | 86.7 | 69.5 | 104.3 |



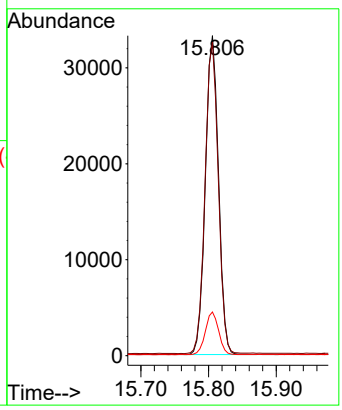


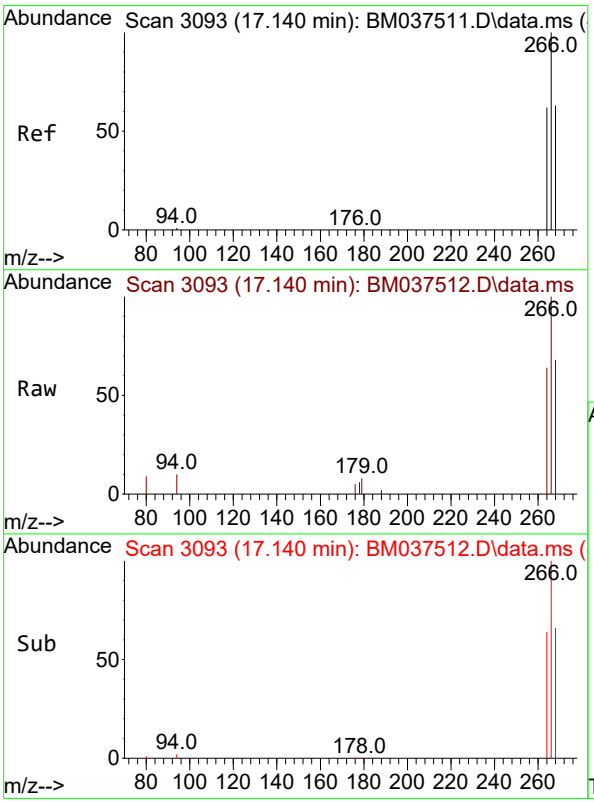

#12
Fluorene
Concen: 0.900 ng/ul
RT: 15.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion:166 Resp: 44820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 78.7 | 118.1 |
| 167 | 13.7 | 11.3 | 16.9 |

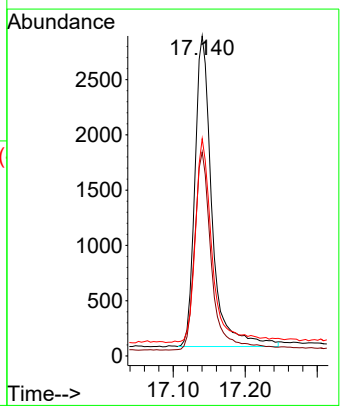


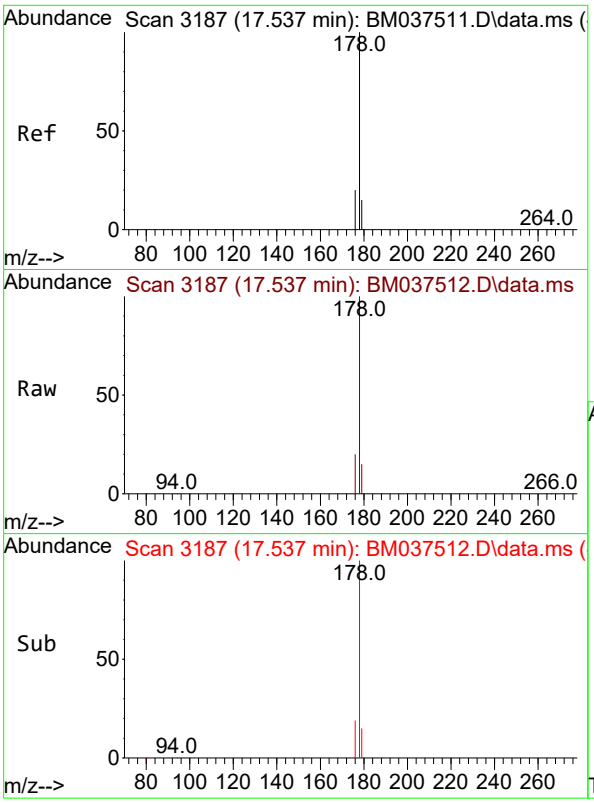




#14
Pentachlorophenol
Concen: 0.672 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:266 Resp: 4632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.3 | 50.2 | 75.2 |
| 268 | 65.1 | 52.0 | 78.0 |



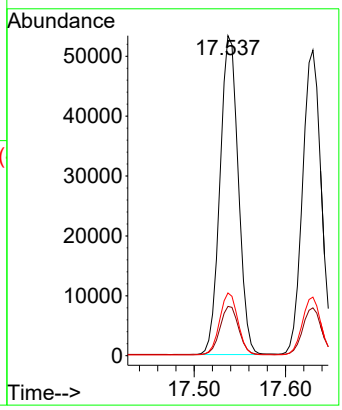


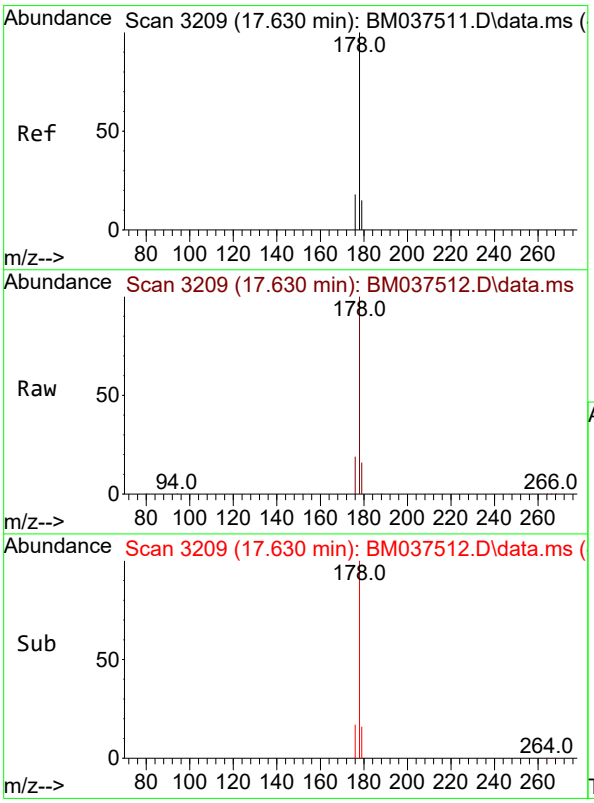

#15
Phenanthrene
Concen: 0.826 ng/ul
RT: 17.537 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion:178 Resp: 73859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.4 | 12.6 | 18.8 |
| 176 | 19.6 | 16.0 | 24.0 |

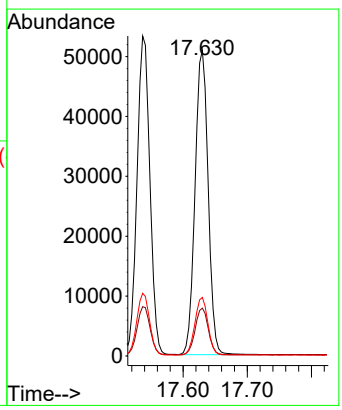


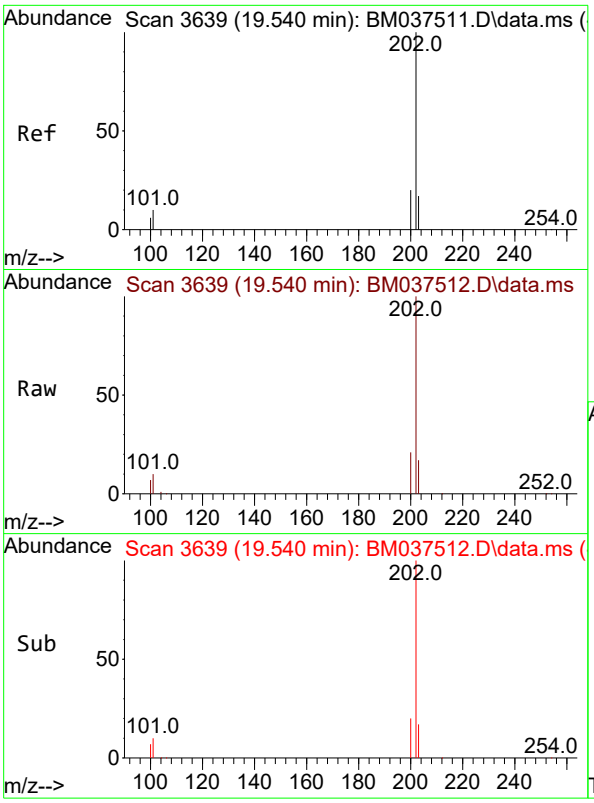




#16
Anthracene
Concen: 0.987 ng/ul
RT: 17.630 min Scan# 3209
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:178 Resp: 71939

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



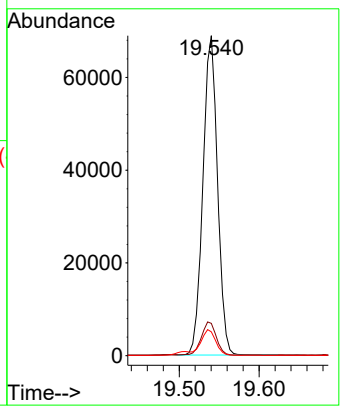


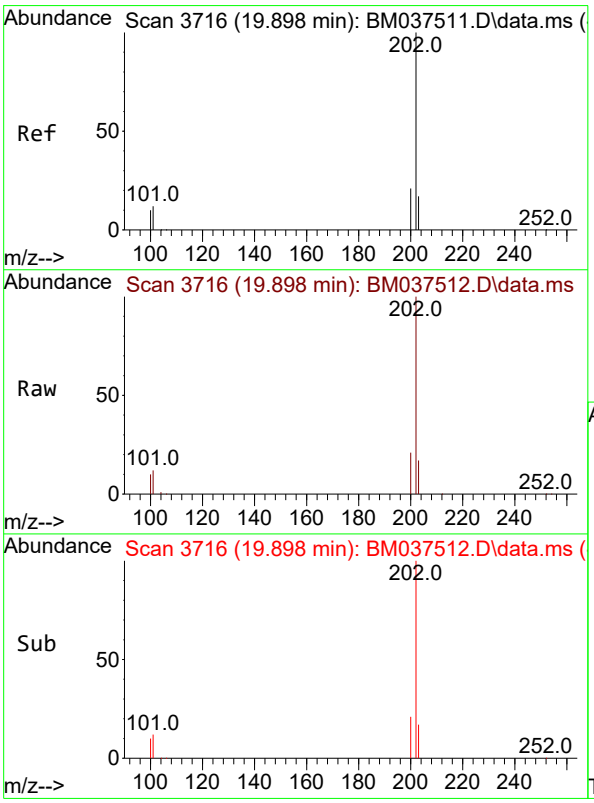

#19
Fluoranthene
Concen: 0.848 ng/ul
RT: 19.540 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion:202 Resp: 87537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.1 | 8.2 | 12.2 |
| 100 | 7.5 | 6.1 | 9.1 |

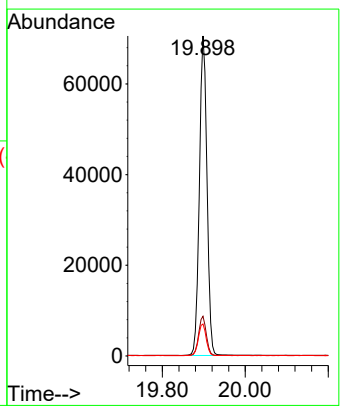


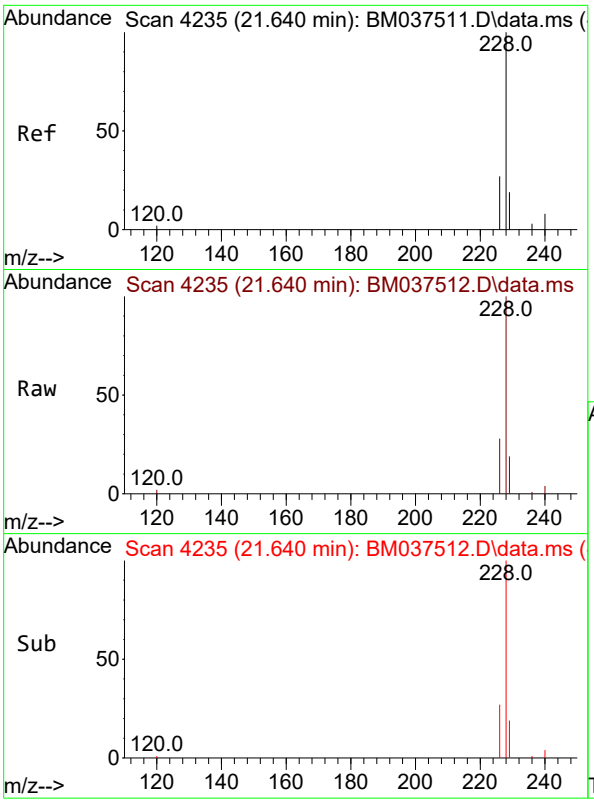




#20
Pyrene
Concen: 0.832 ng/ul
RT: 19.898 min Scan# 3716
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:202 Resp: 89992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.4 | 10.1 | 15.1 |
| 100 | 10.0 | 8.0 | 12.0 |



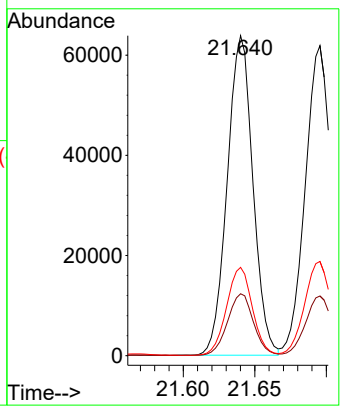


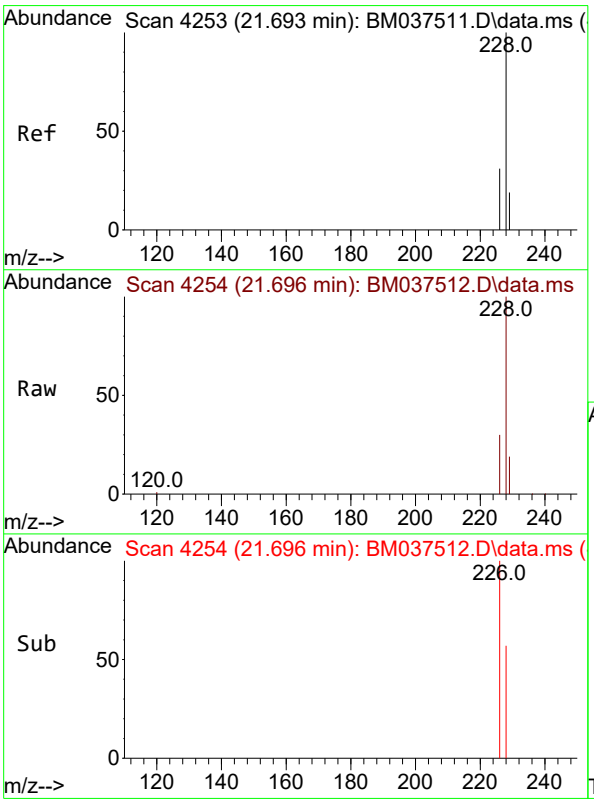

#21
Benzo(a)anthracene
Concen: 0.849 ng/ul
RT: 21.640 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion:228 Resp: 79858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.4 | 15.7 | 23.5 |
| 226 | 27.6 | 22.2 | 33.2 |

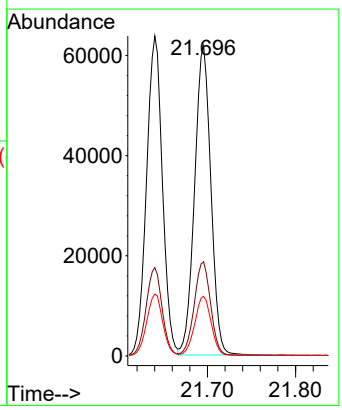


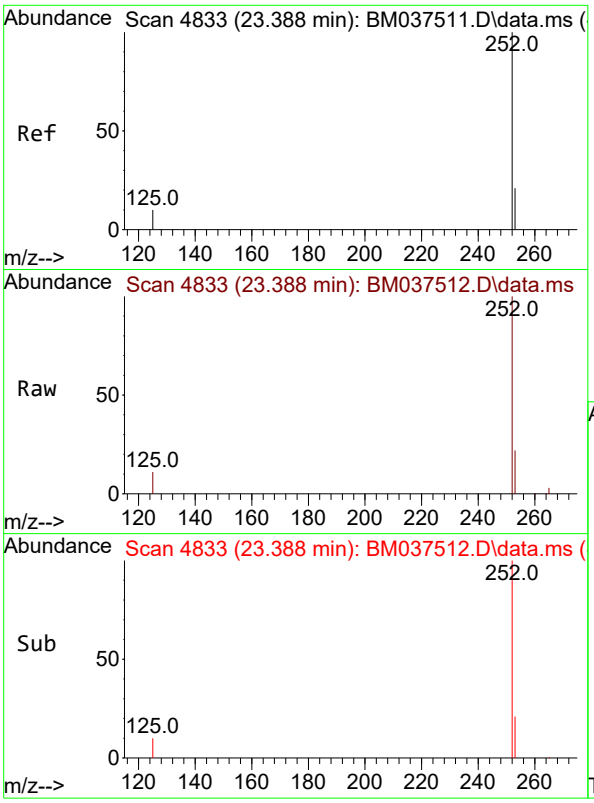




#22
Chrysene
Concen: 0.759 ng/ul
RT: 21.696 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:228 Resp: 79627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 24.6 | 37.0 |
| 229 | 19.3 | 15.5 | 23.3 |



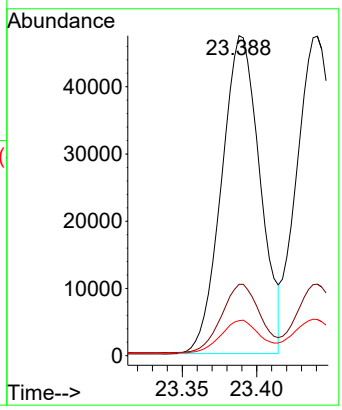


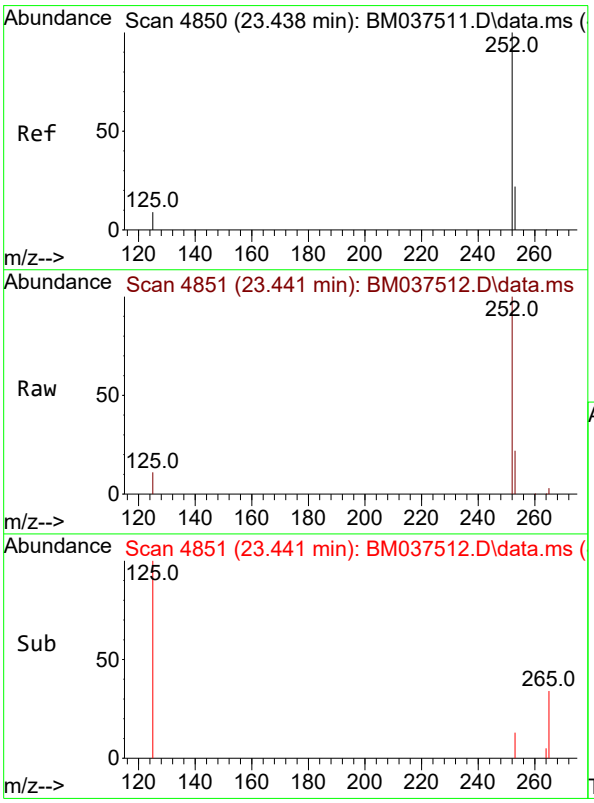

#24
Benzo(b)fluoranthene
Concen: 0.656 ng/ul
RT: 23.388 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion:252 Resp: 84764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 0.0 | 46.2 |
| 125 | 11.0 | 0.0 | 23.4 |

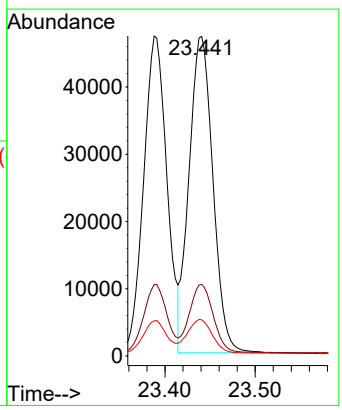


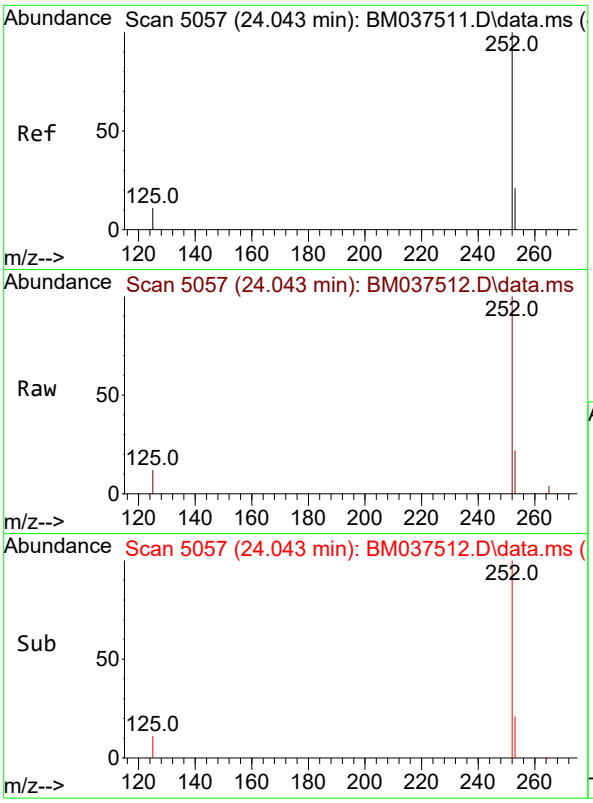




#25
Benzo(k)fluoranthene
Concen: 0.699 ng/ul
RT: 23.441 min Scan# 4851
Delta R.T. 0.003 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:252 Resp: 86426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.8 | 28.2 |
| 125 | 11.3 | 9.8 | 14.6 |



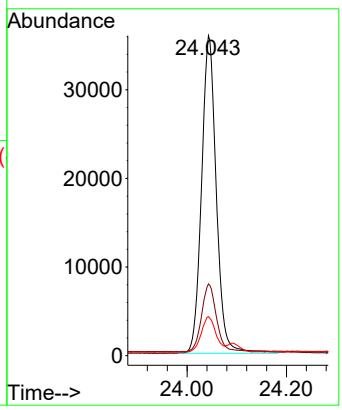


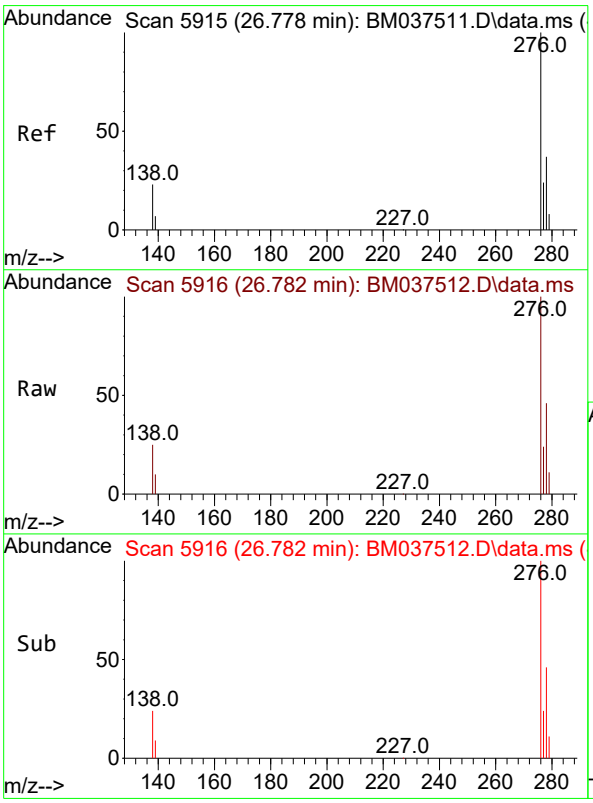

#26
Benzo(a)pyrene
Concen: 0.684 ng/ul
RT: 24.043 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion:252 Resp: 73884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.8 | 28.2 |
| 125 | 12.2 | 10.5 | 15.7 |

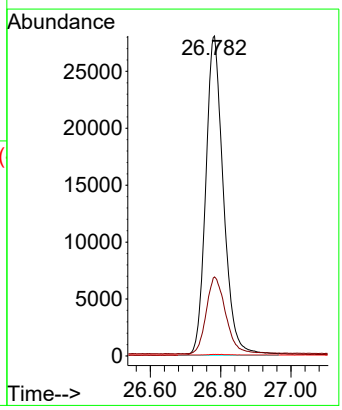


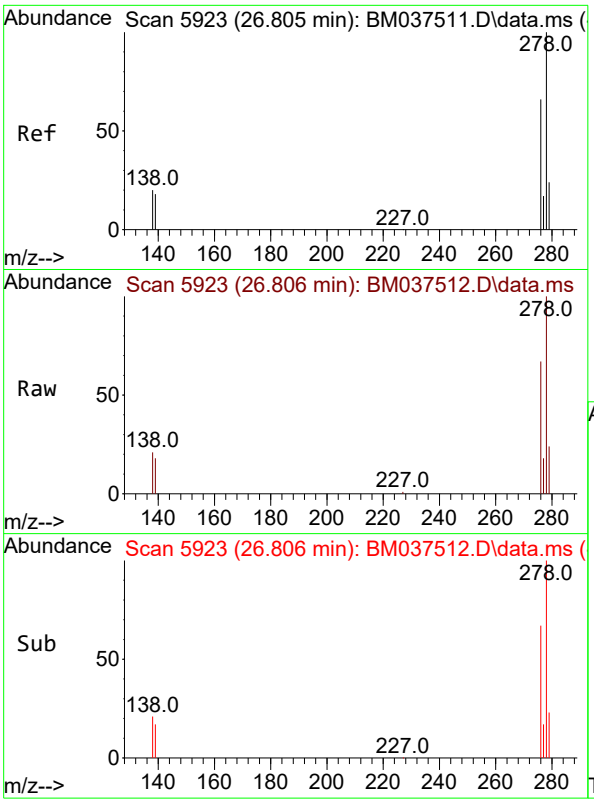




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.681 ng/ul
RT: 26.782 min Scan# 5916
Delta R.T. 0.004 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:276 Resp: 97915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.6 | 21.2 | 31.8 |
| 227 | 0.2 | 0.1 | 0.1# |



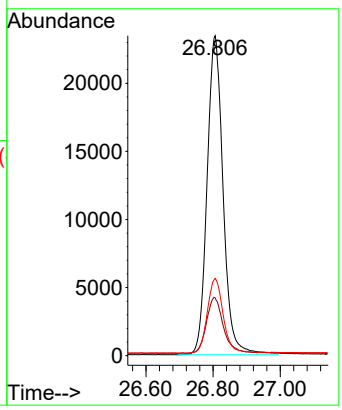


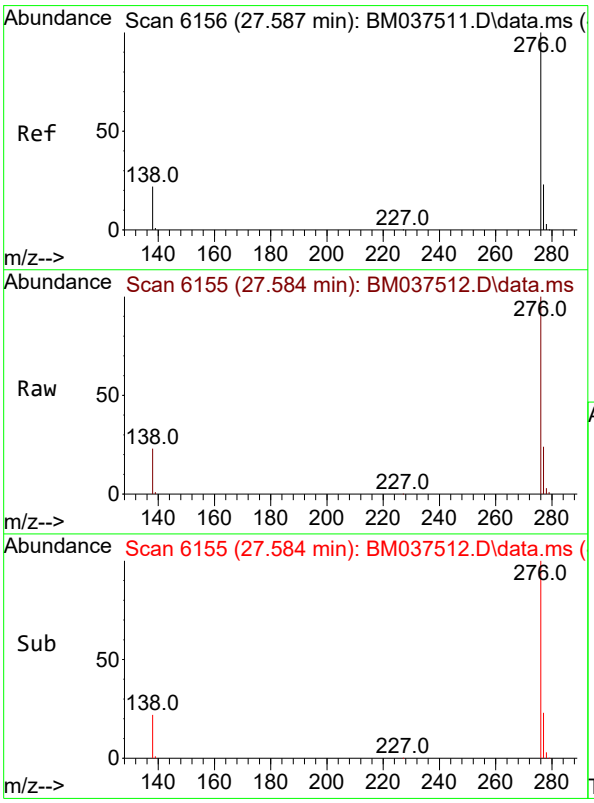

#28
Dibenzo(a,h)anthracene
Concen: 0.699 ng/ul
RT: 26.806 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8046

Tgt Ion:278 Resp: 77415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.0 | 15.2 | 22.8 |
| 279 | 24.1 | 20.2 | 30.2 |




#29
Benzo(g,h,i)perylene
Concen: 0.663 ng/ul
RT: 27.584 min Scan# 6155
Delta R.T. -0.003 min
Lab File: BM037512.D
Acq: 16 Nov 2022 18:18

Tgt Ion:276 Resp: 82513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.9 | 19.0 | 28.4 |
| 277 | 23.7 | 19.4 | 29.2 |