Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062321\
Data File : BM030564.D
Acq On : 24 Jun 2021 01:28
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SICV701

Quant Time: Jun 24 02:02:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 01:55:26 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 3723 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.59 | 136 | 13382 | 0.40 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.43 | 164 | 7450 | 0.40 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.17 | 188 | 13967 | 0.40 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.33 | 240 | 11148 | 0.40 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.59 | 264 | 11294 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 1477 | 0.37 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.18 | 152 | 7946 | 0.37 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.19 | 212 | 14227 | 0.42 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 1509 | 0.363 | ng/ul | 98 |
| 5) Naphthalene | 10.64 | 128 | 14091 | 0.354 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.26 | 142 | 9531 | 0.355 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.47 | 142 | 8890 | 0.341 | ng/ul | 100 |
| 10) Acenaphthylene | 14.15 | 152 | 12967 | 0.372 | ng/ul | 99 |
| 11) Acenaphthene | 14.49 | 153 | 10174 | 0.358 | ng/ul | 98 |
| 12) Fluorene | 15.48 | 166 | 11205 | 0.356 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.87 | 266 | 1160 | 0.285 | ng/ul | 94 |
| 15) Phenanthrene | 17.21 | 178 | 17587 | 0.354 | ng/ul | 100 |
| 16) Anthracene | 17.30 | 178 | 14846 | 0.341 | ng/ul | 99 |
| 19) Fluoranthene | 19.22 | 202 | 19281 | 0.376 | ng/ul | 99 |
| 20) Pyrene | 19.58 | 202 | 19603 | 0.373 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.32 | 228 | 15475 | 0.349 | ng/ul | 99 |
| 22) Chrysene | 21.37 | 228 | 17967 | 0.365 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 22.91 | 252 | 17964 | 0.366 | ng/ul | 95 |
| 25) Benzo(k)fluoranthene | 22.95 | 252 | 18637 | 0.362 | ng/ul | 95 |
| 26) Benzo(a)pyrene | 23.49 | 252 | 17233 | 0.395 | ng/ul | 94 |
| 27) Indeno(1,2,3-cd)pyrene | 25.87 | 276 | 19285 | 0.348 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 25.89 | 278 | 15358 | 0.347 | ng/ul | 95 |
| 29) Benzo(g,h,i)perylene | 26.58 | 276 | 17094 | 0.357 | ng/ul | 97 |

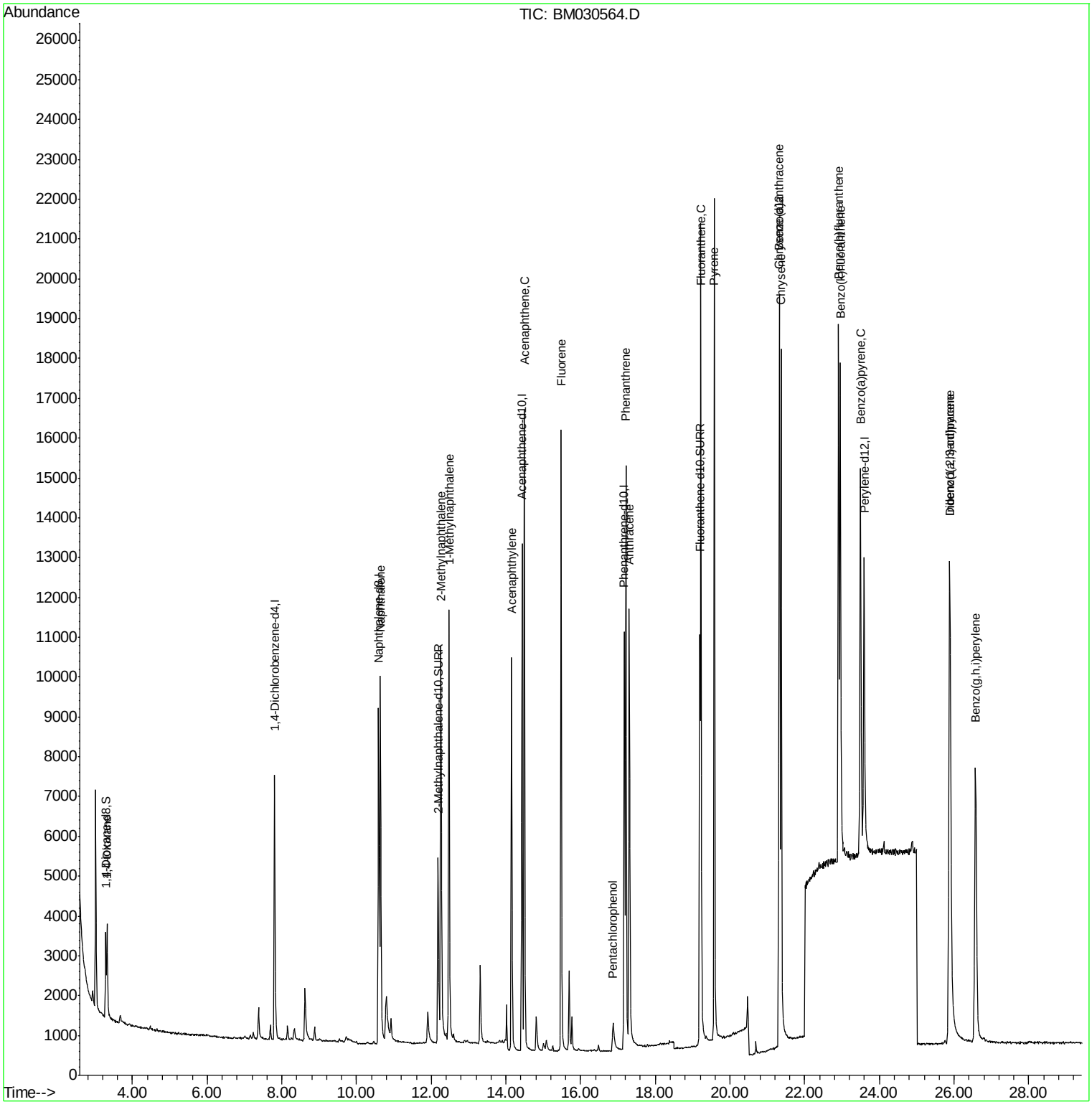
(#) = qualifier out of range (m) = manual integration (+) = signals summed

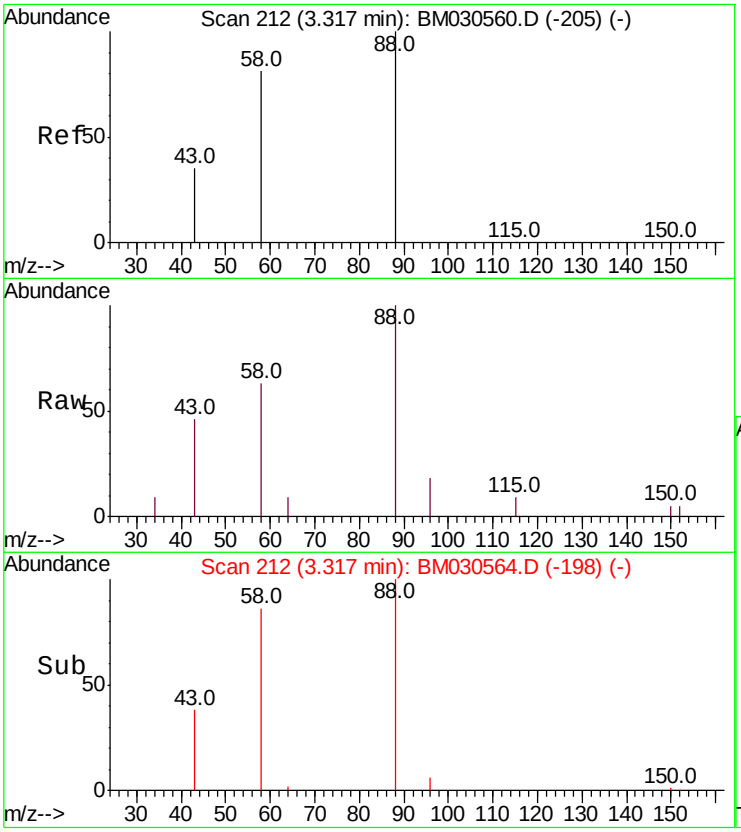
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062321\
Data File : BM030564.D
Acq On : 24 Jun 2021 01:28
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Quant Time: Jun 24 02:02:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 01:55:26 2021
Response via : Initial Calibration



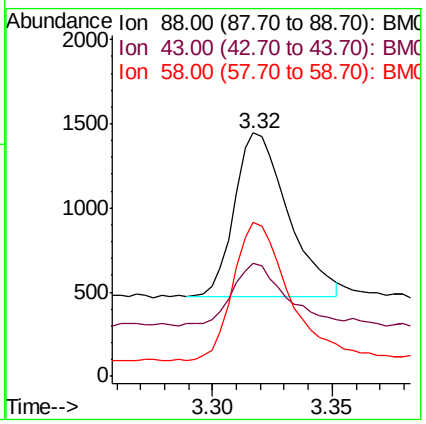


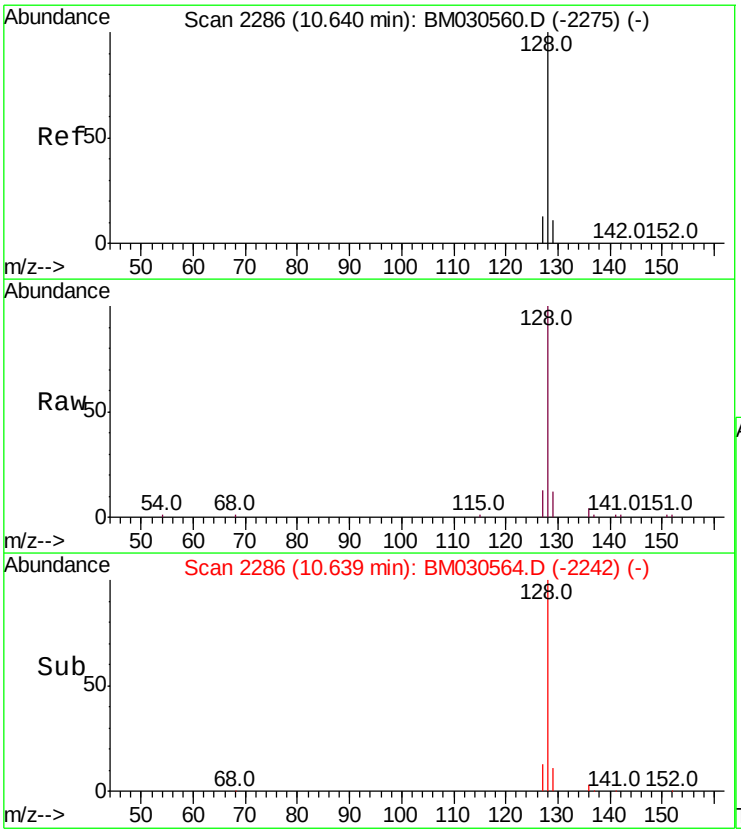

#2
1,4-Dioxane
Concen: 0.363 ng/ul
RT: 3.32 min Scan# 212
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion: 88 Resp: 1509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 46.5 | 37.7 | 56.5 |
| 58 | 63.3 | 48.5 | 72.7 |

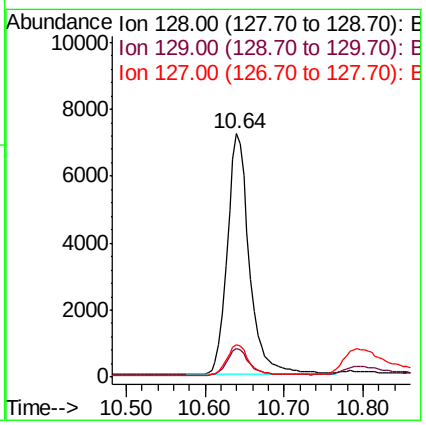


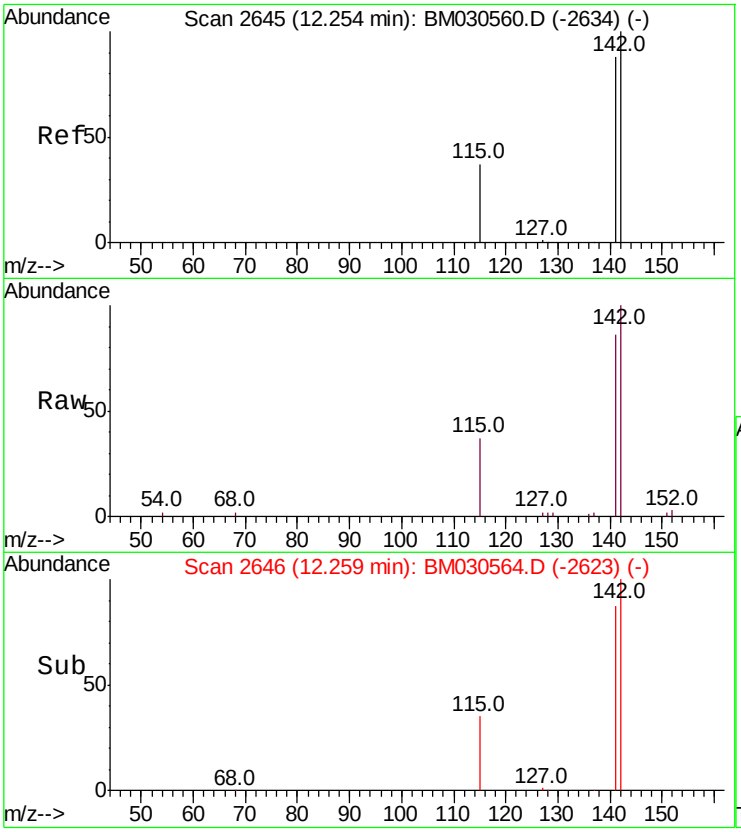




#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.64 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:128 Resp: 14091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.9 | 9.0 | 13.6 |
| 127 | 13.4 | 10.9 | 16.3 |



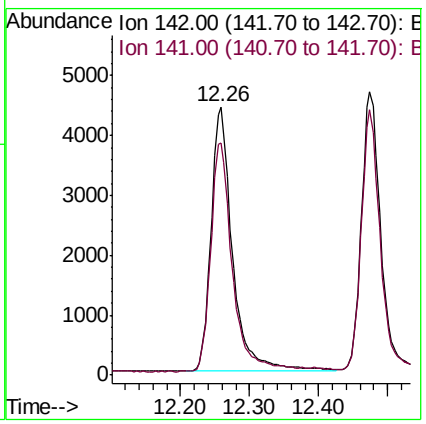


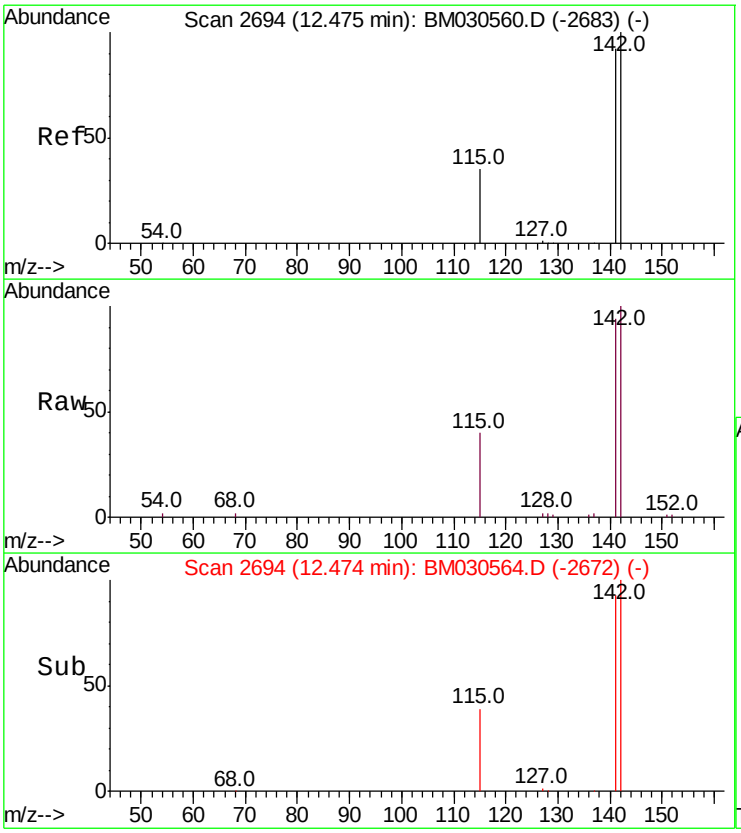

#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.26 min Scan# 2646
Delta R.T. 0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion:142 Resp: 9531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 71.4 | 107.0 |

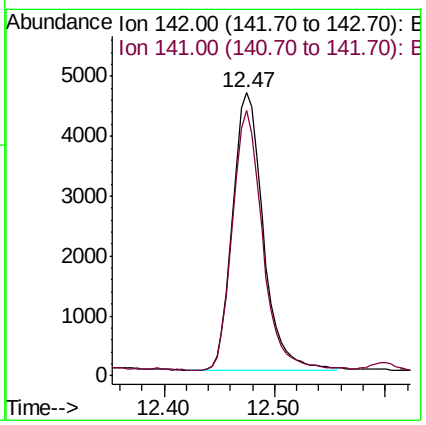


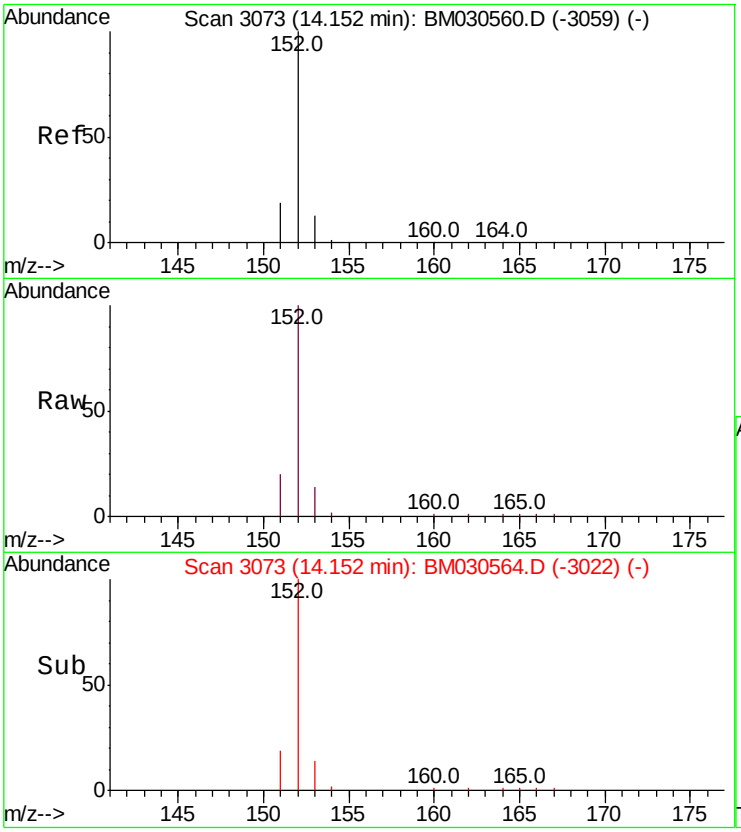




#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.47 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:142 Resp: 8890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.3 | 73.4 | 110.0 |



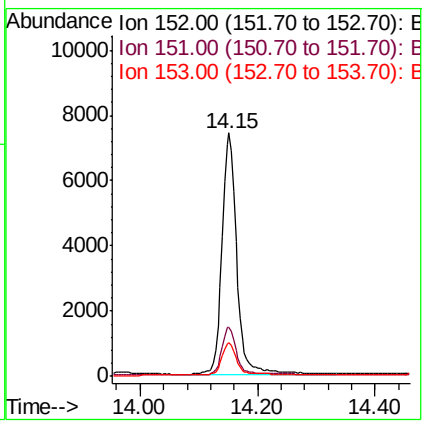


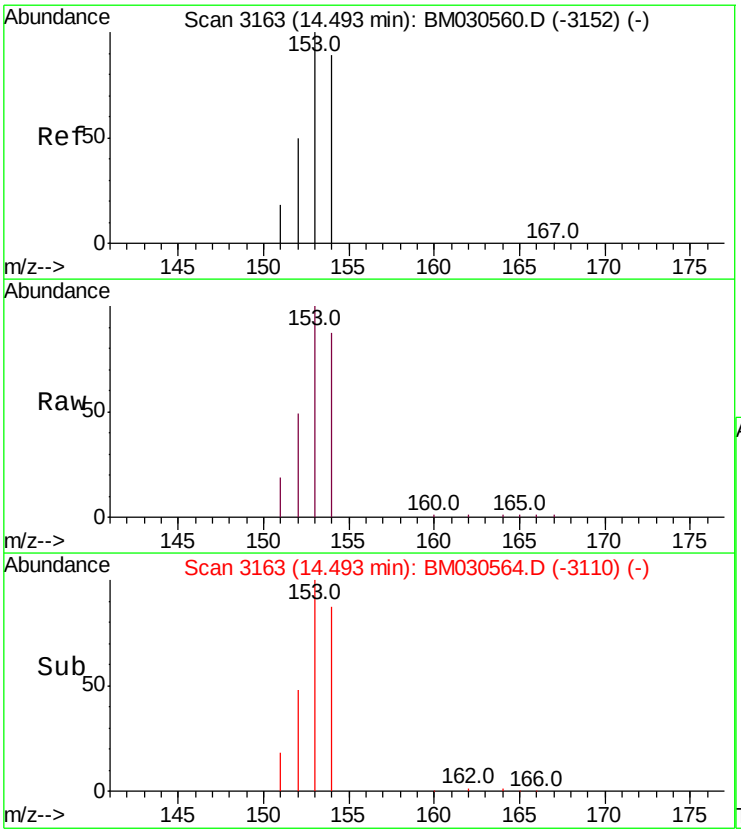

#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.15 min Scan# 3073
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion:152 Resp: 12967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.5 | 23.3 |
| 153 | 14.0 | 10.7 | 16.1 |

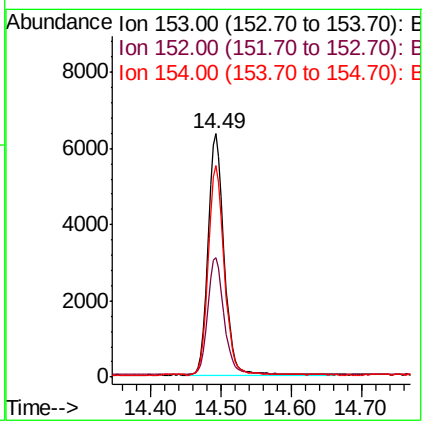


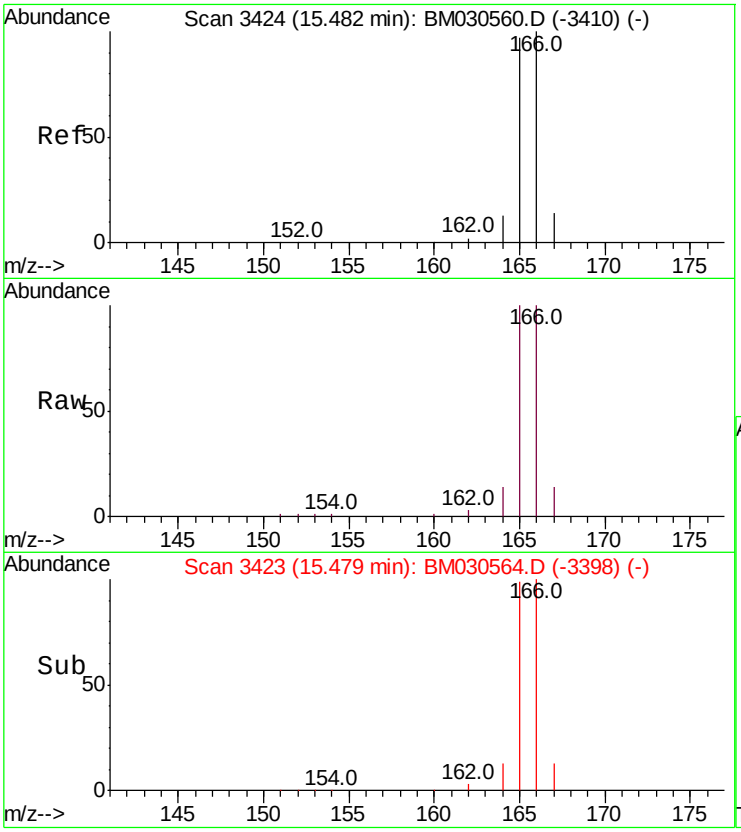




#11
Acenaphthene
Concen: 0.358 ng/ul
RT: 14.49 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:153 Resp: 10174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 49.2 | 40.2 | 60.2 |
| 154 | 87.1 | 71.2 | 106.8 |



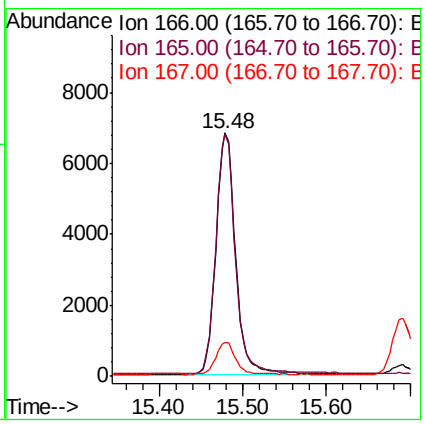


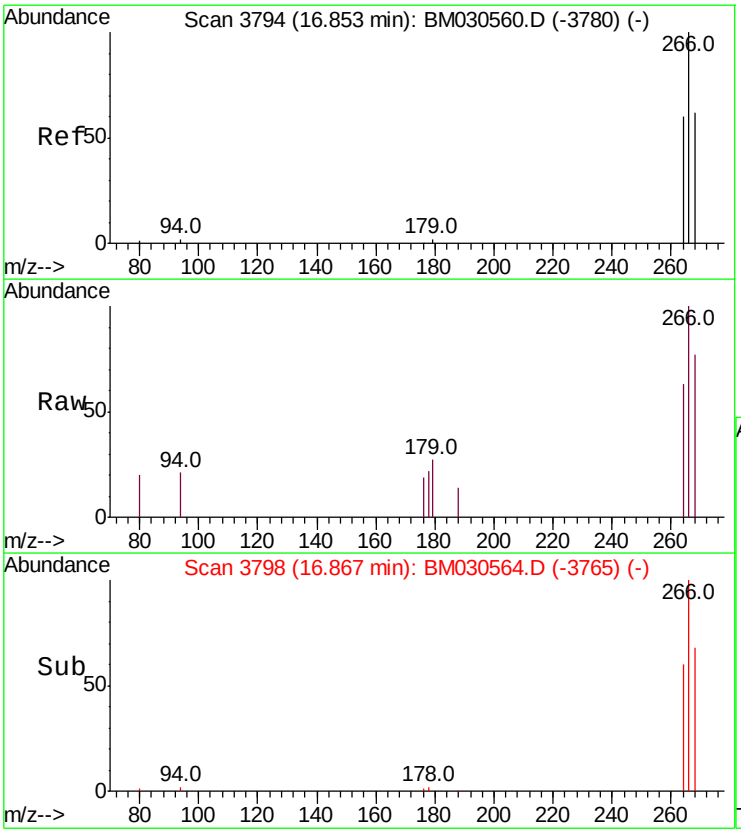

#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.48 min Scan# 3423
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion:166 Resp: 11205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.7 | 77.7 | 116.5 |
| 167 | 14.0 | 11.3 | 16.9 |

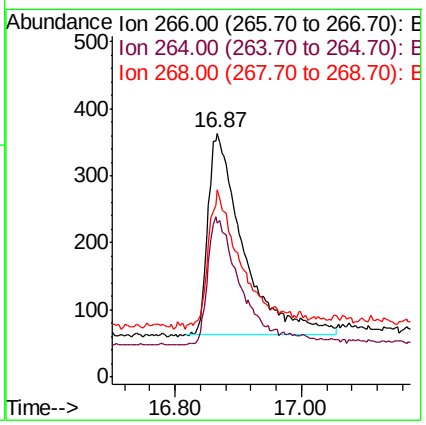


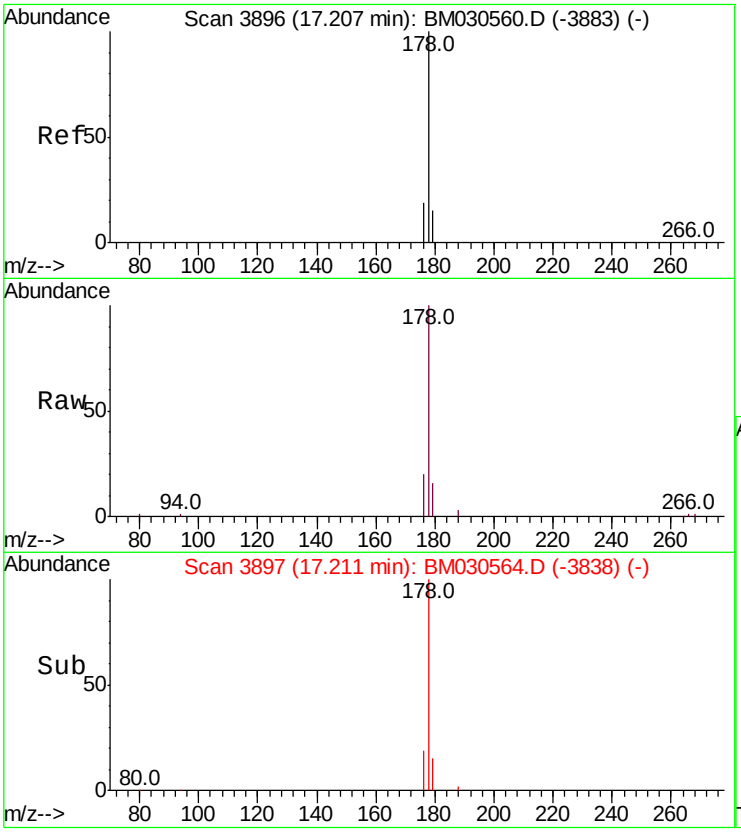




#14
Pentachlorophenol
Concen: 0.285 ng/ul
RT: 16.87 min Scan# 3798
Delta R.T. 0.01 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:266 Resp: 1160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 60.9 | 47.7 | 71.5 |
| 268 | 66.5 | 47.5 | 71.3 |



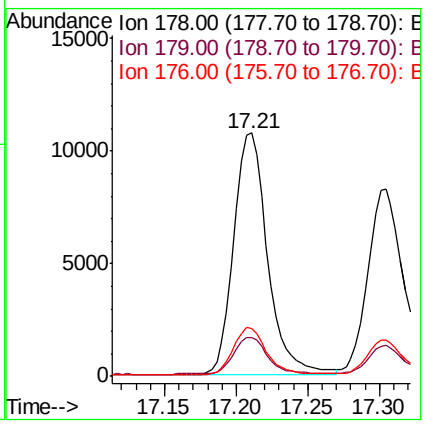


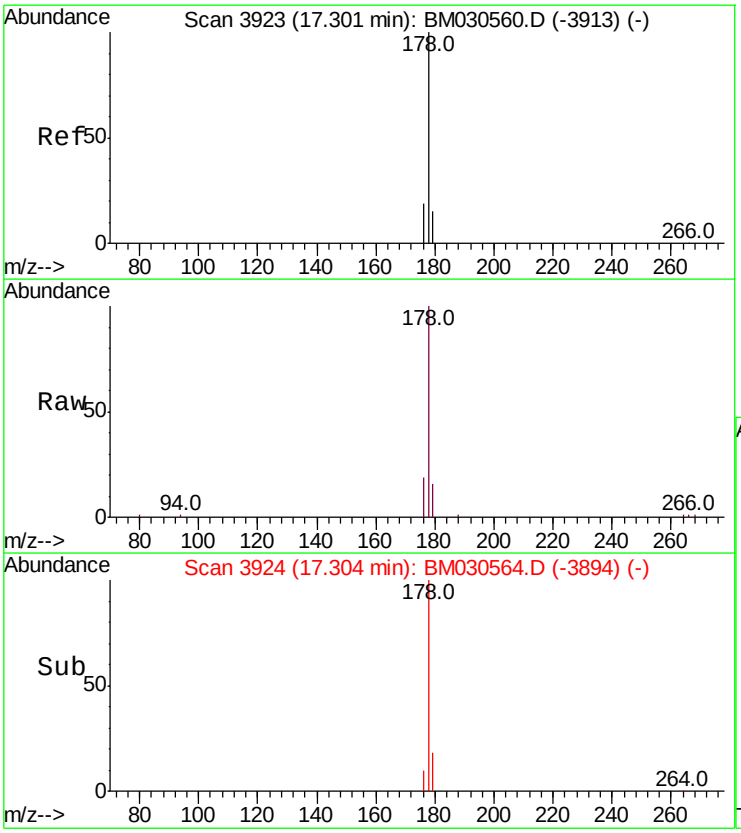

#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.21 min Scan# 3897
Delta R.T. 0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion:178 Resp: 17587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.9 | 12.6 | 19.0 |
| 176 | 19.5 | 15.5 | 23.3 |

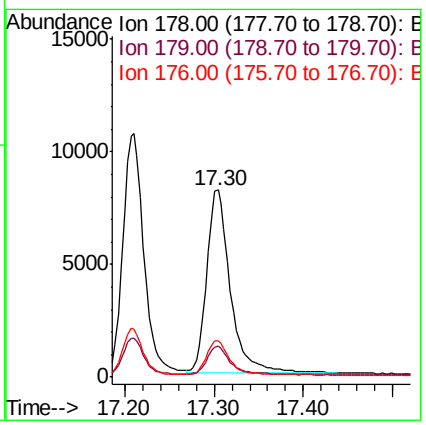


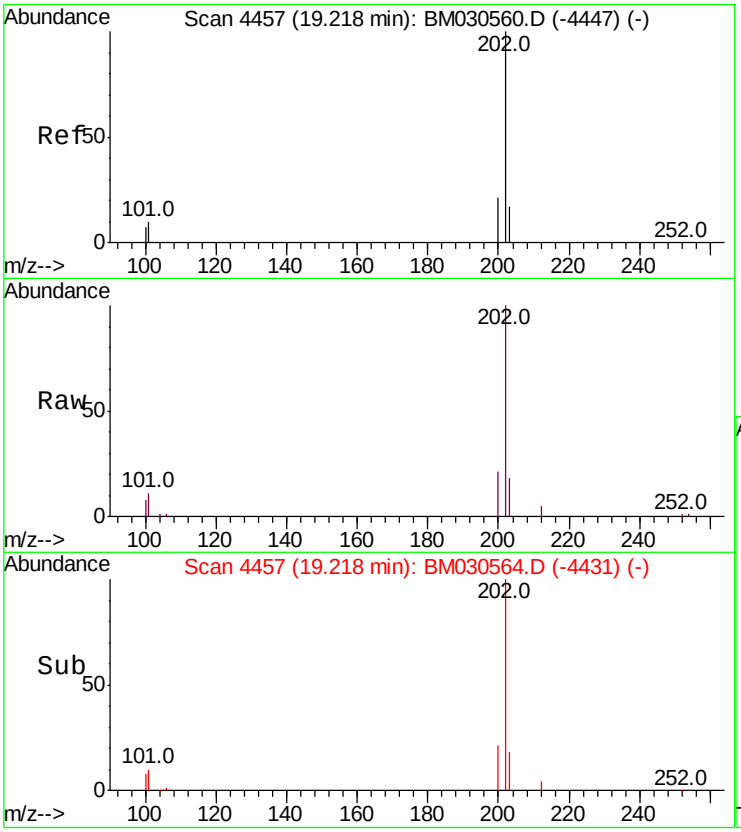




#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.30 min Scan# 3924
Delta R.T. 0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:178 Resp: 14846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.4 | 12.7 | 19.1 |
| 176 | 19.4 | 15.2 | 22.8 |



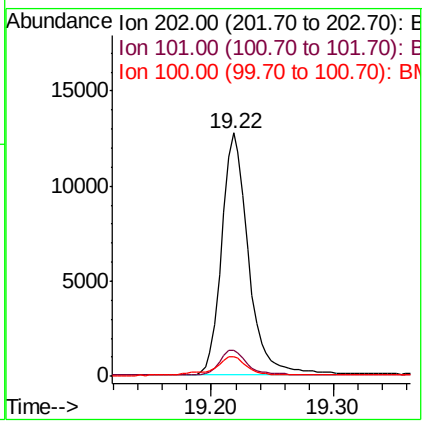


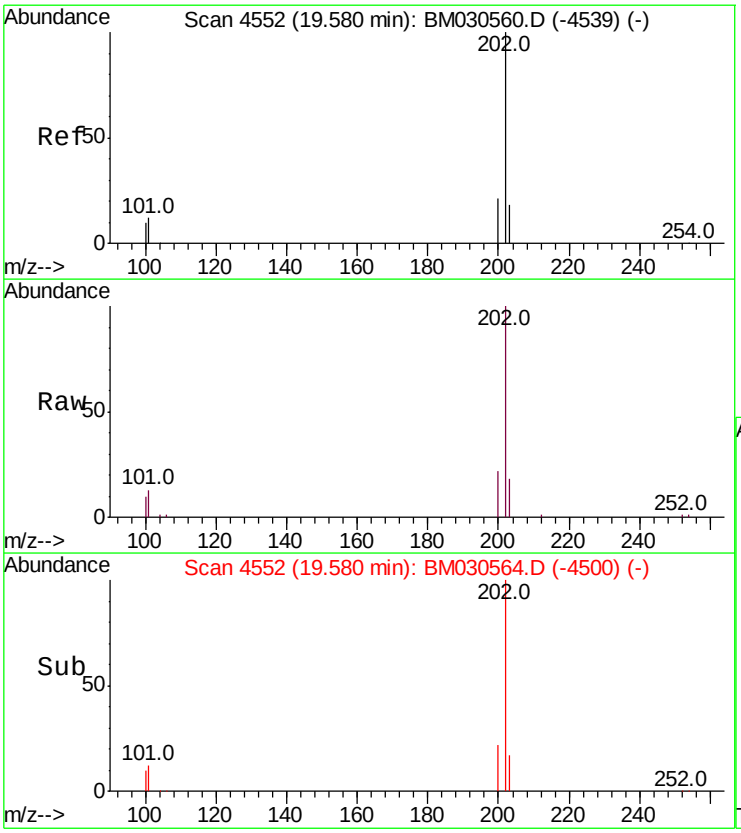

#19
Fluoranthene
Concen: 0.376 ng/ul
RT: 19.22 min Scan# 4457
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion:202 Resp: 19281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 8.8 | 13.2 |
| 100 | 8.3 | 6.9 | 10.3 |

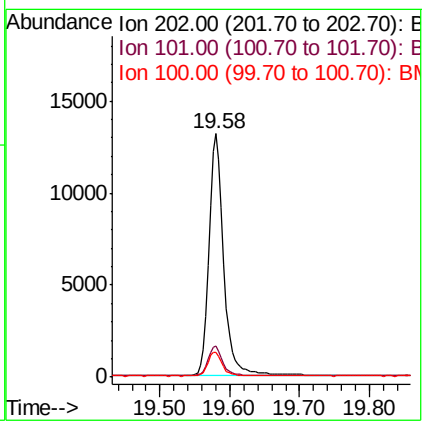


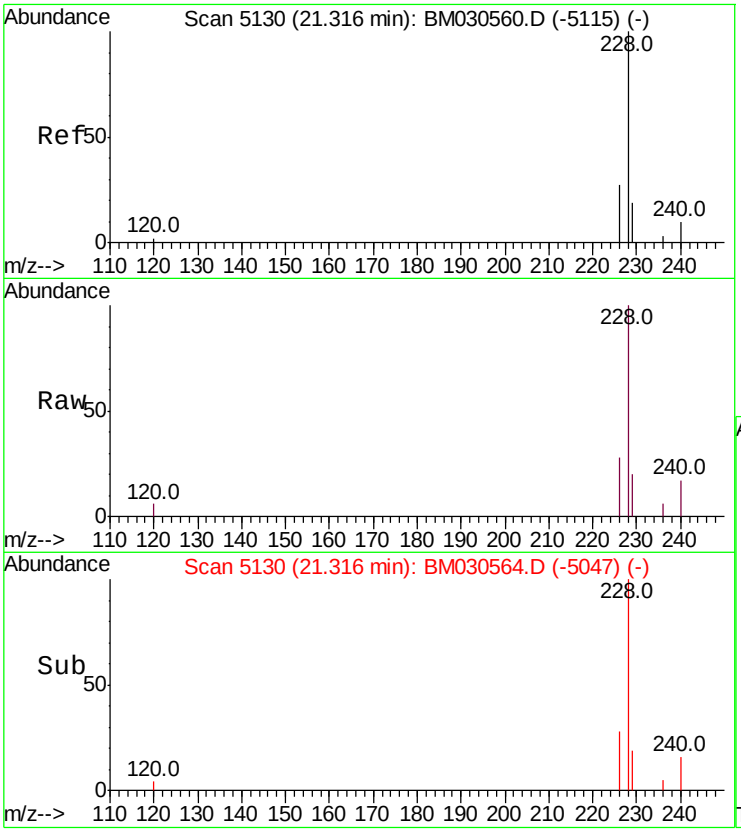




#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.58 min Scan# 4552
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:202 Resp: 19603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.6 | 10.1 | 15.1 |
| 100 | 10.2 | 8.2 | 12.2 |



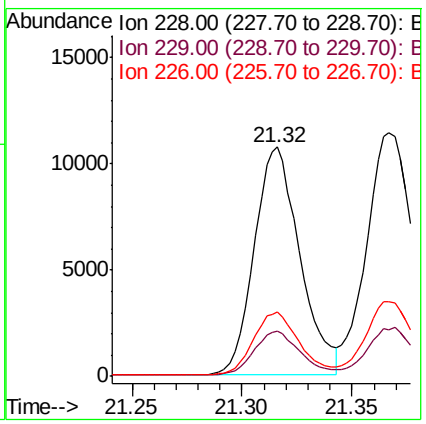


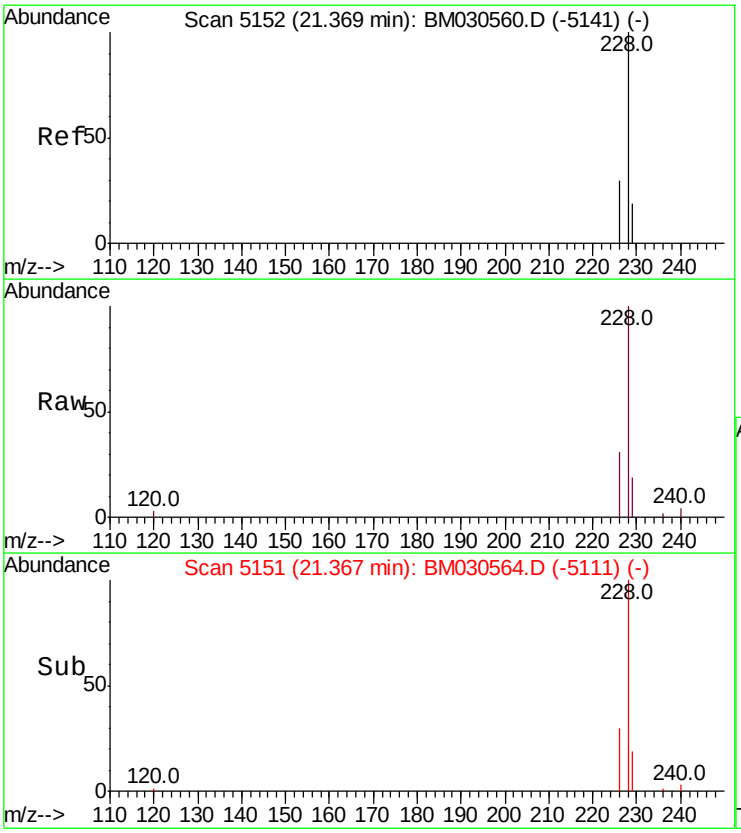

#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.32 min Scan# 5130
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion:228 Resp: 15475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.7 | 15.8 | 23.6 |
| 226 | 28.3 | 22.2 | 33.4 |

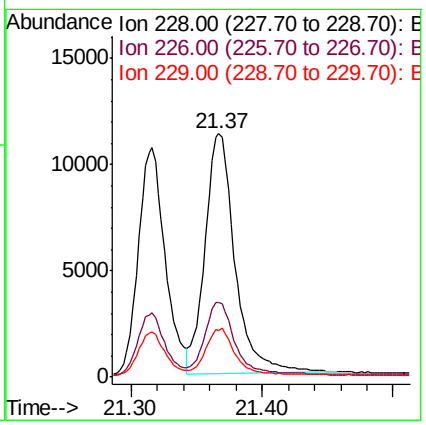


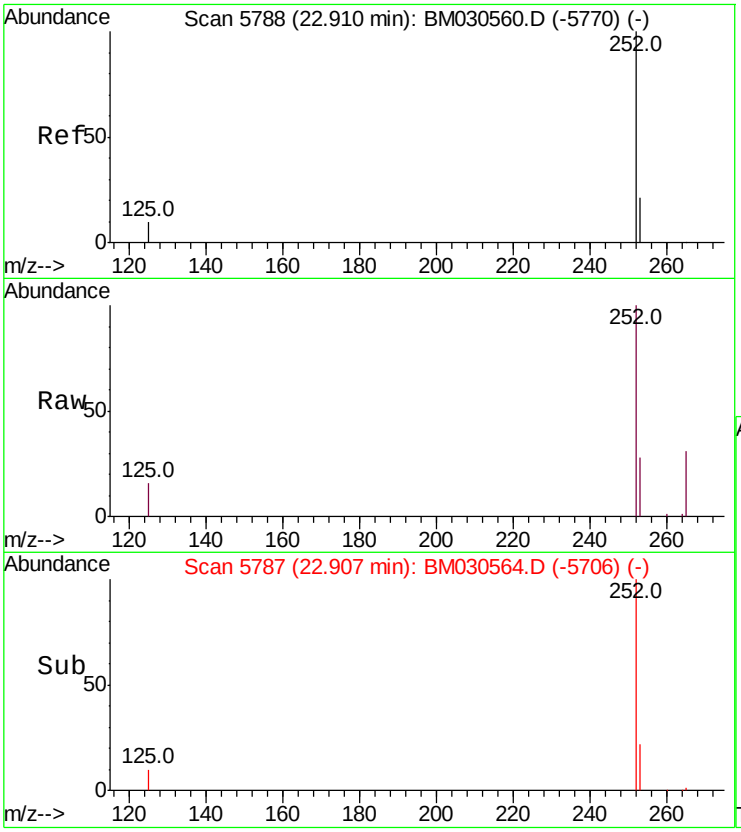




#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.37 min Scan# 5151
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:228 Resp: 17967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.4 | 36.6 |
| 229 | 19.2 | 15.4 | 23.0 |



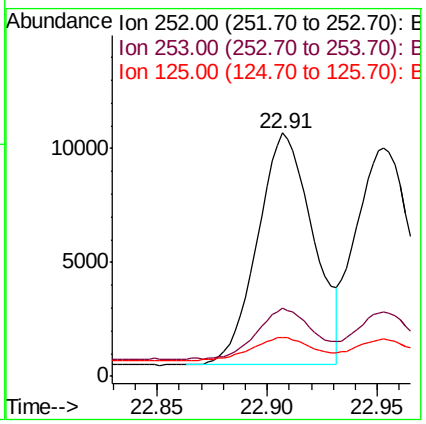


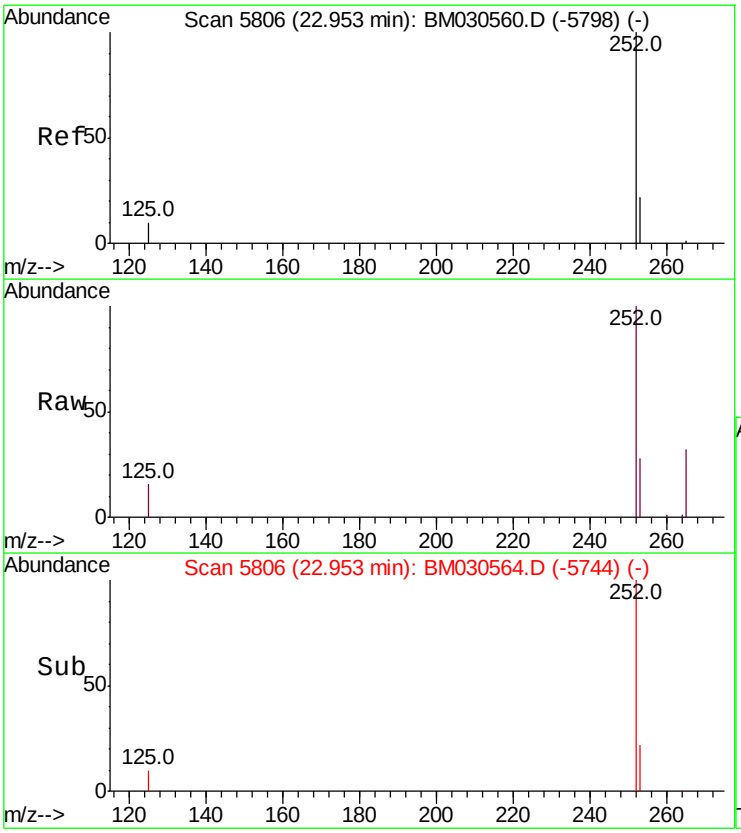

#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 22.91 min Scan# 5787
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion:252 Resp: 17964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.8 | 0.0 | 50.2 |
| 125 | 16.1 | 0.0 | 27.8 |

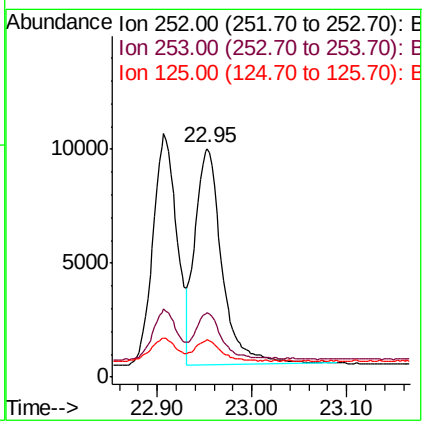


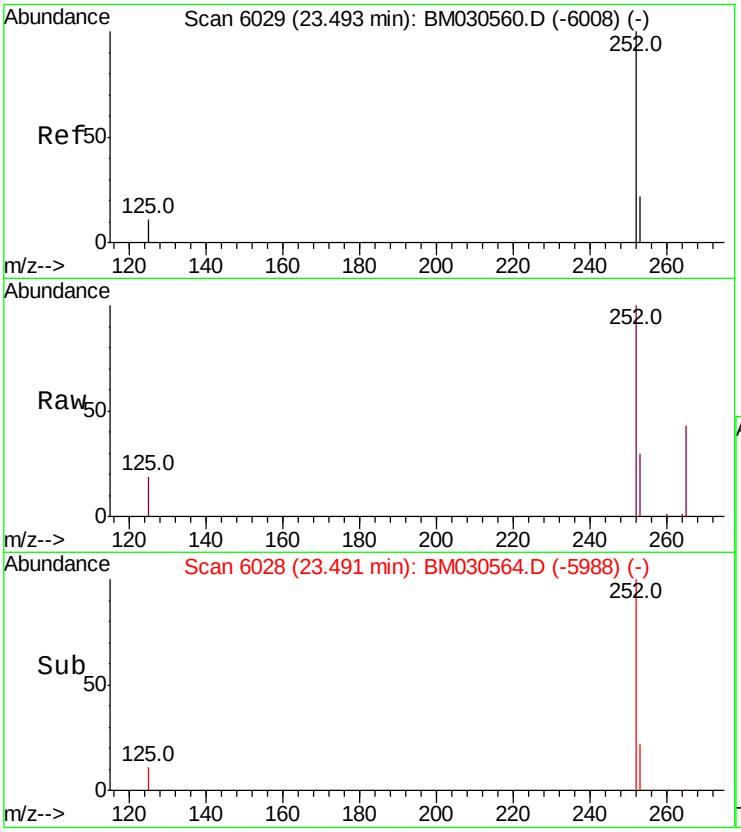




#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 22.95 min Scan# 5806
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:252 Resp: 18637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.2 | 20.6 | 31.0 |
| 125 | 16.2 | 11.0 | 16.4 |



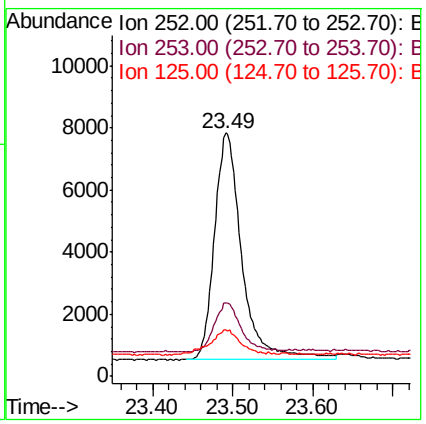


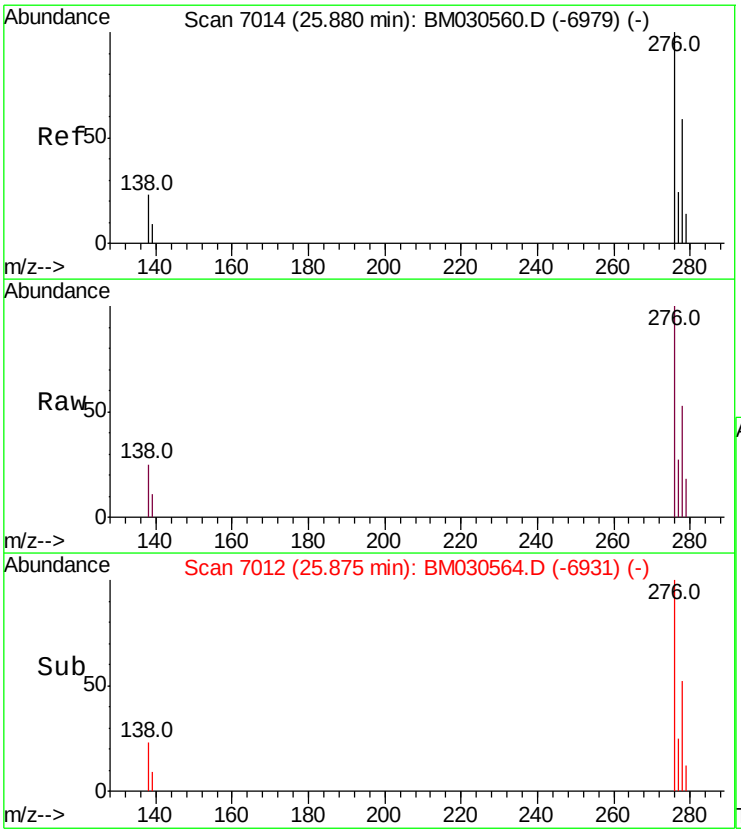

#26
Benzo(a)pyrene
Concen: 0.395 ng/ul
RT: 23.49 min Scan# 6028
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion:252 Resp: 17233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 30.4 | 22.0 | 33.0 |
| 125 | 19.4 | 13.4 | 20.2 |

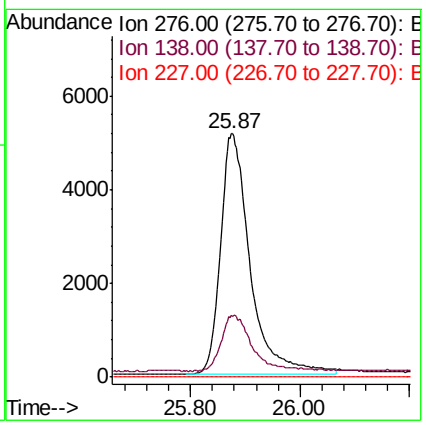


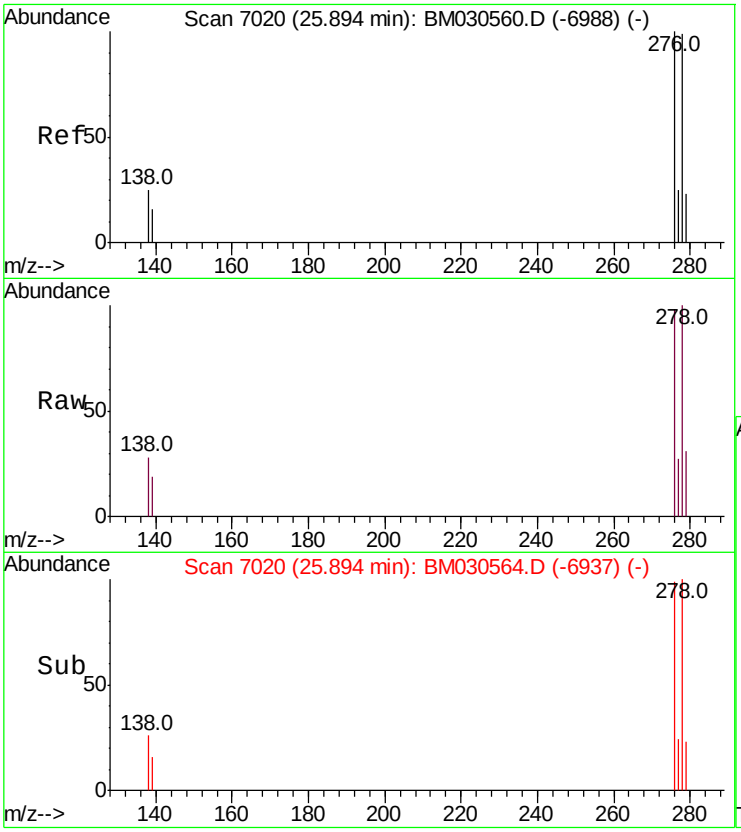




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 25.87 min Scan# 7012
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:276 Resp: 19285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.3 | 19.1 | 28.7 |
| 227 | 0.0 | 0.0 | 0.0 |



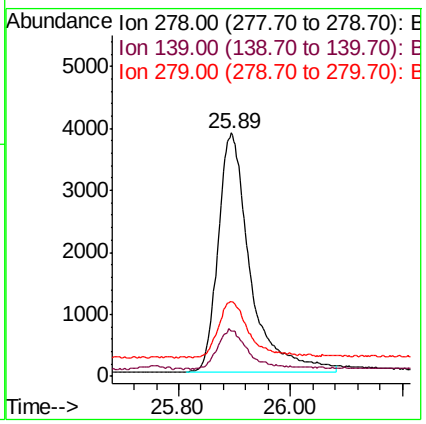


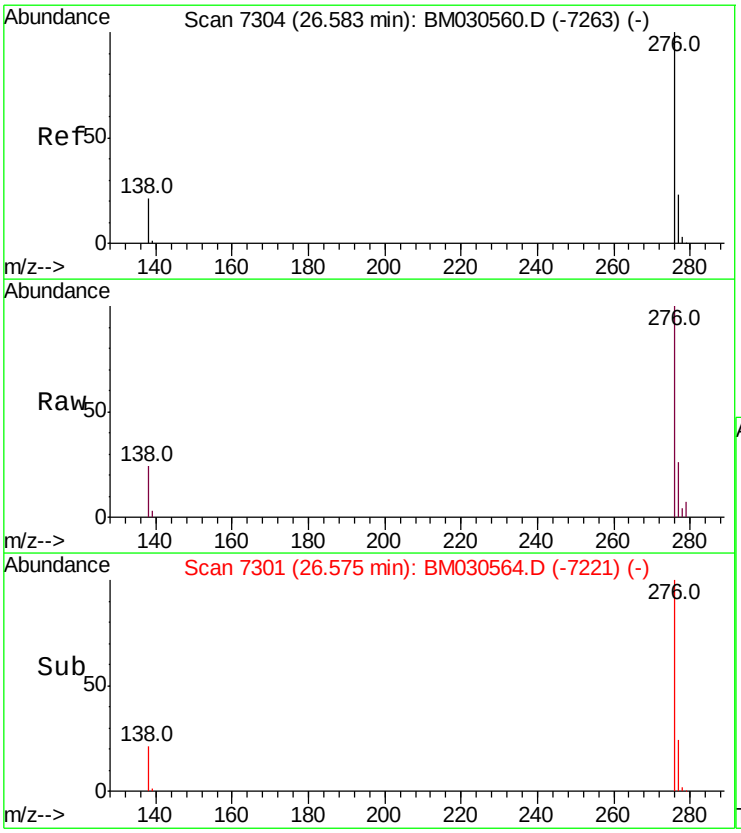

#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 25.89 min Scan# 7020
Delta R.T. -0.00 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

**Instrument :**
BNA_M
**ClientSampleId :**
SICV701

Tgt Ion:278 Resp: 15358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.7 | 14.2 | 21.4 |
| 279 | 30.6 | 21.6 | 32.4 |




#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 26.58 min Scan# 7301
Delta R.T. -0.01 min
Lab File: BM030564.D
Acq: 24 Jun 2021 01:28

Tgt Ion:276 Resp: 17094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.6 | 18.0 | 27.0 |
| 277 | 26.1 | 19.5 | 29.3 |