Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
Data File : BM025621.D
Acq On : 17 Mar 2020 21:33
Operator : CG/JU
Sample : L1516-06DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 18 01:16:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 17 17:05:05 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 2343 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.35 | 136 | 9007 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.22 | 164 | 5813 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.96 | 188 | 13964 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.16 | 240 | 14263 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.31 | 264 | 14761 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.96 | 152 | 315 | 0.02 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.00 | 212 | 821 | 0.02 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Fluoranthene | 19.03 | 202 | 1078 | 0.022 | ng/ul | 83 |
| 17) Pyrene | 19.39 | 202 | 1396 | 0.022 | ng/ul# | 84 |
| 18) Benzo(a)anthracene | 21.15 | 228 | 1144 | 0.022 | ng/ul# | 87 |
| 19) Chrysene | 21.20 | 228 | 2623 | 0.046 | ng/ul | 95 |
| 21) Benzo(b)fluoranthene | 22.67 | 252 | 2716 | 0.046 | ng/ul# | 64 |
| 22) Benzo(k)fluoranthene | 22.71 | 252 | 1335 | 0.022 | ng/ul# | 24 |
| 23) Benzo(a)pyrene | 23.22 | 252 | 1436 | 0.030 | ng/ul# | 40 |
| 24) Indeno(1,2,3-cd)pyrene | 25.44 | 276 | 1624 | 0.025 | ng/ul# | 83 |
| 26) Benzo(g,h,i)perylene | 26.08 | 276 | 1344 | 0.024 | ng/ul# | 70 |

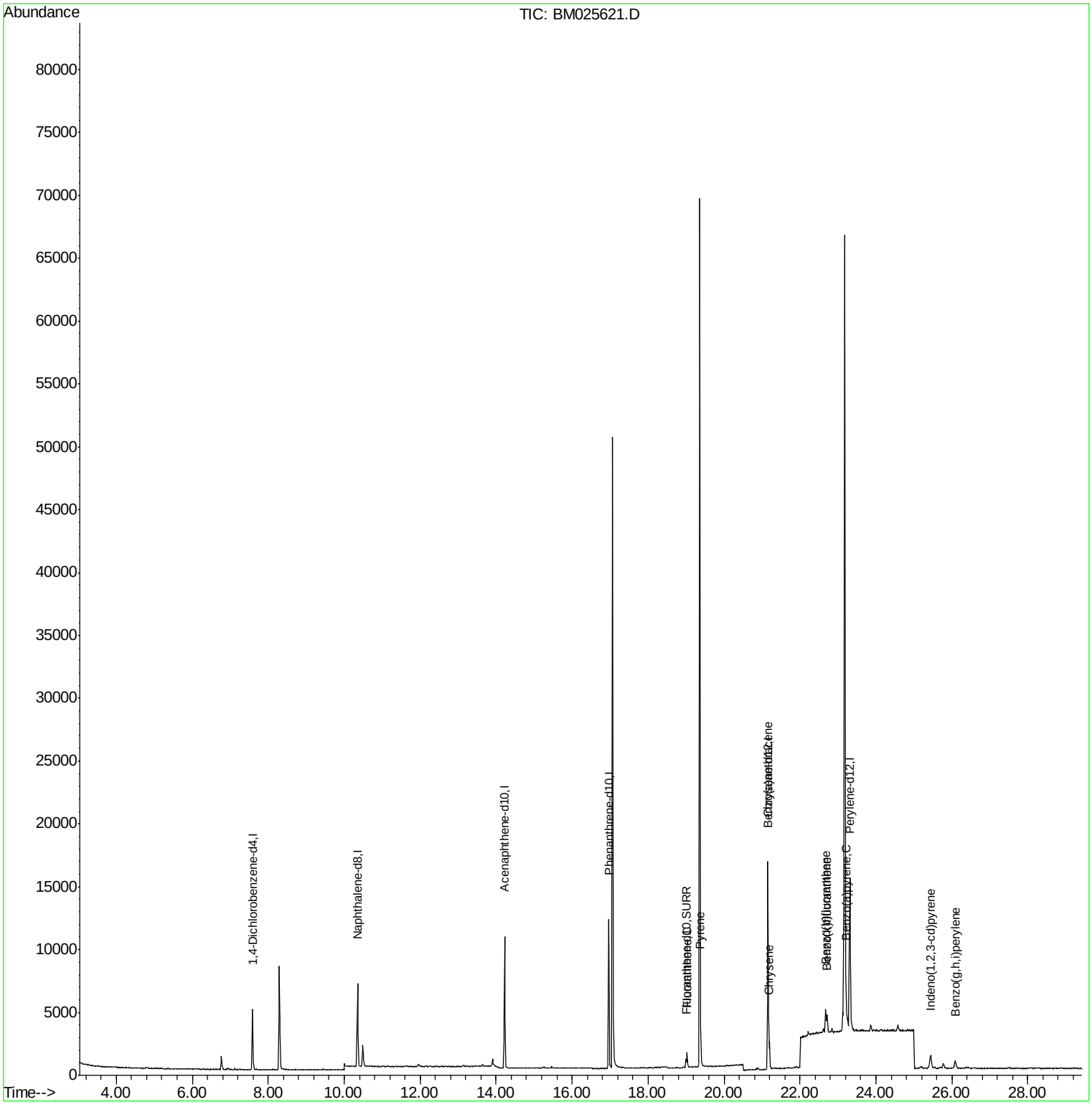
(#) = qualifier out of range (m) = manual integration (+) = signals summed

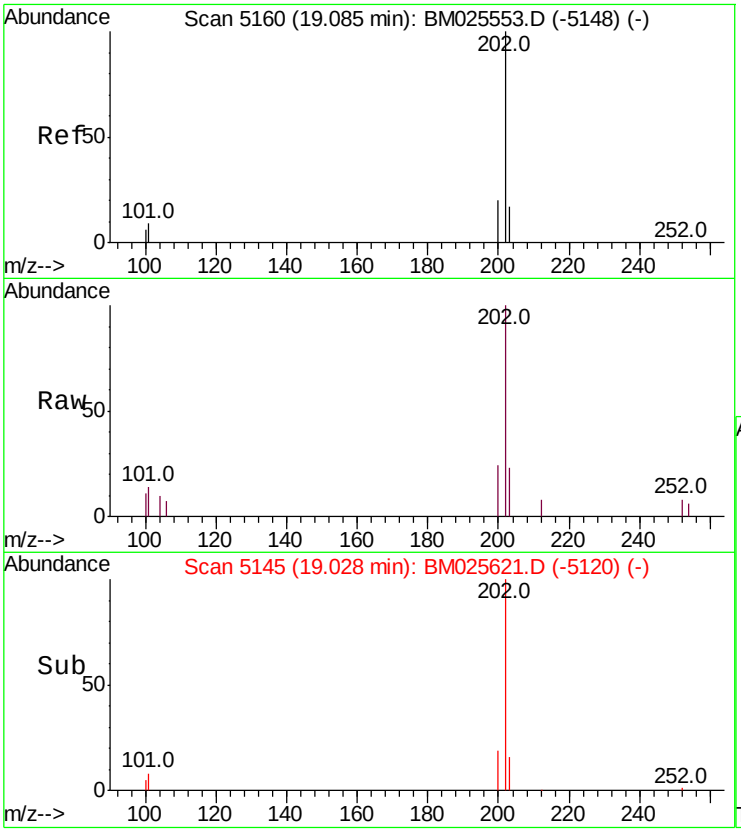
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
Data File : BM025621.D
Acq On : 17 Mar 2020 21:33
Operator : CG/JU
Sample : L1516-06DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 18 01:16:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 17 17:05:05 2020
Response via : Initial Calibration



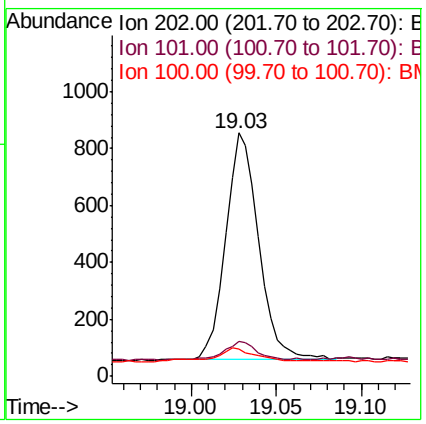


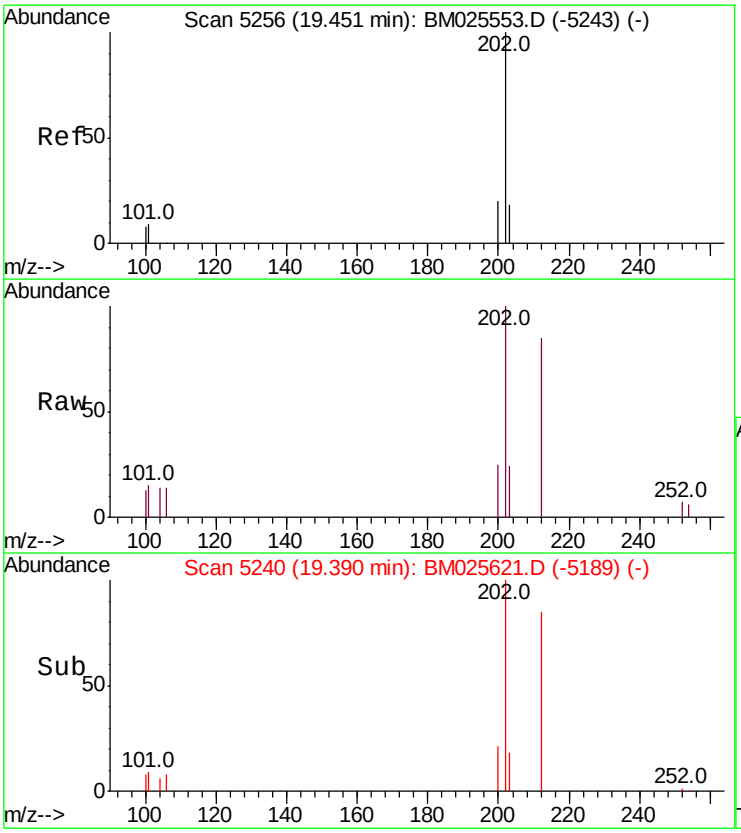

#15
Fluoranthene
Concen: 0.022 ng/ul
RT: 19.03 min Scan# 5145
Delta R.T. -0.00 min
Lab File: BM025621.D
Acq: 17 Mar 2020 21:33

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

Tgt Ion:202 Resp: 1078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.3 | 0.0 | 27.5 |
| 100 | 11.1 | 0.0 | 26.0 |

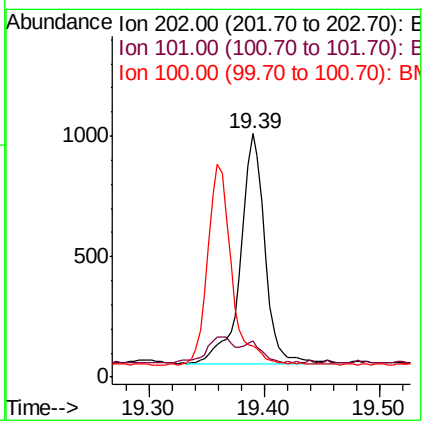


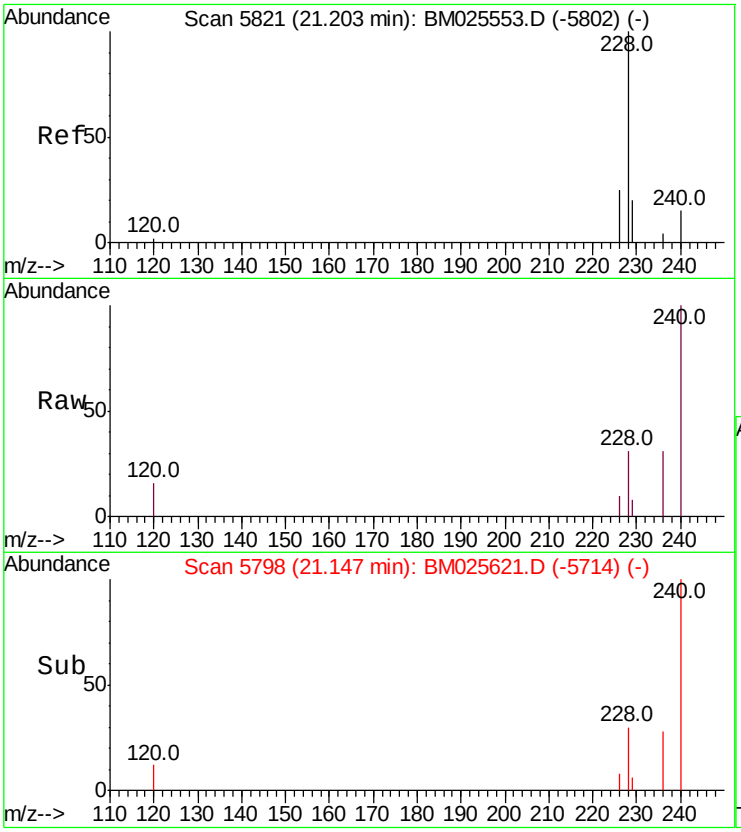




#17
Pyrene
Concen: 0.022 ng/ul
RT: 19.39 min Scan# 5240
Delta R.T. -0.00 min
Lab File: BM025621.D
Acq: 17 Mar 2020 21:33

Tgt Ion:202 Resp: 1396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.0 | 7.1 | 10.7# |
| 100 | 13.1 | 6.0 | 9.0# |



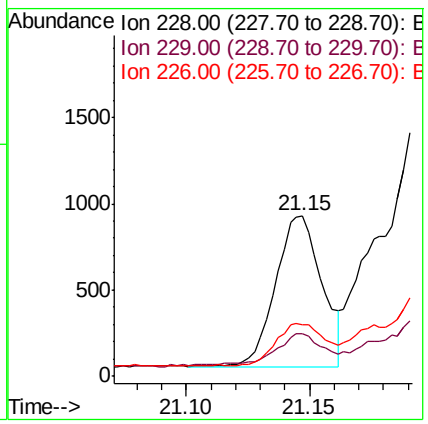


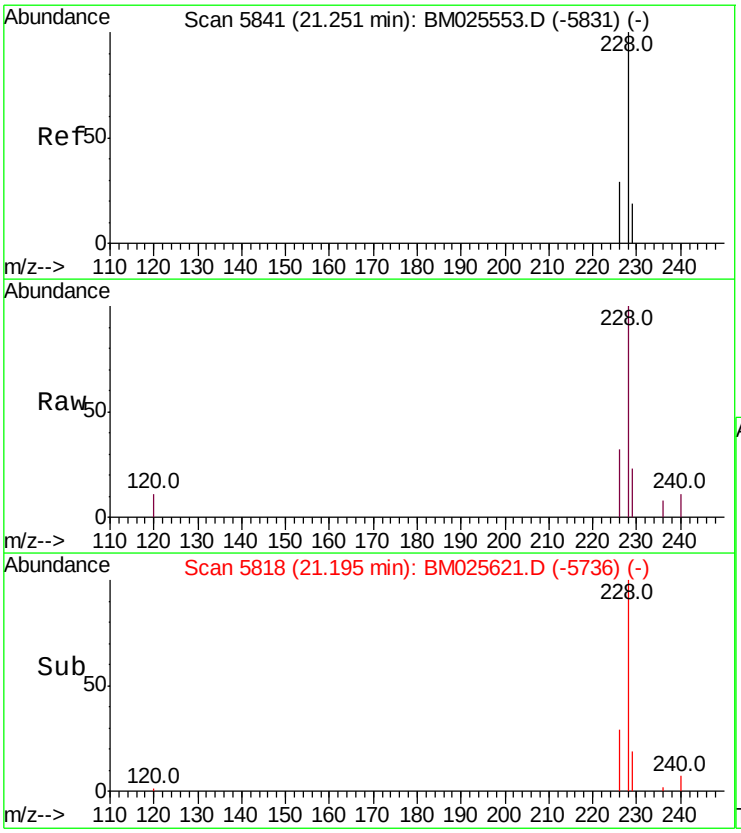

#18
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.15 min Scan# 5798
Delta R.T. 0.00 min
Lab File: BM025621.D
Acq: 17 Mar 2020 21:33

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

Tgt Ion:228 Resp: 1144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 26.7 | 15.6 | 23.4# |
| 226 | 32.0 | 21.1 | 31.7# |

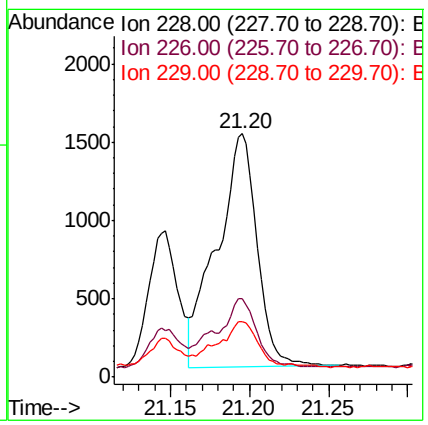


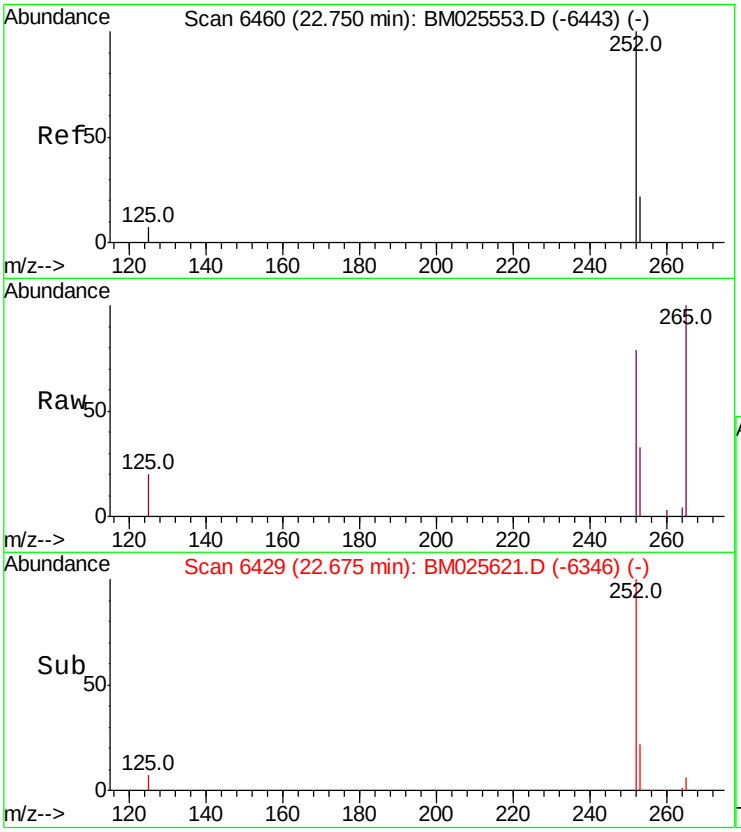




#19
Chrysene
Concen: 0.046 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.00 min
Lab File: BM025621.D
Acq: 17 Mar 2020 21:33

Tgt Ion:228 Resp: 2623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.4 | 23.6 | 35.4 |
| 229 | 22.5 | 16.3 | 24.5 |



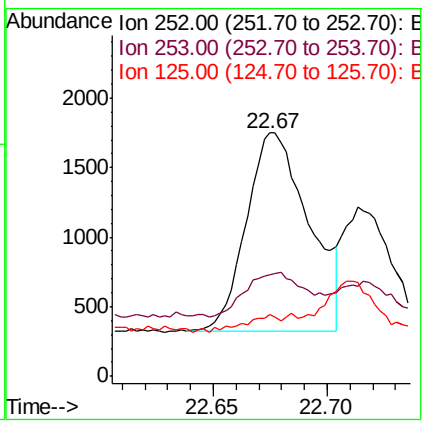


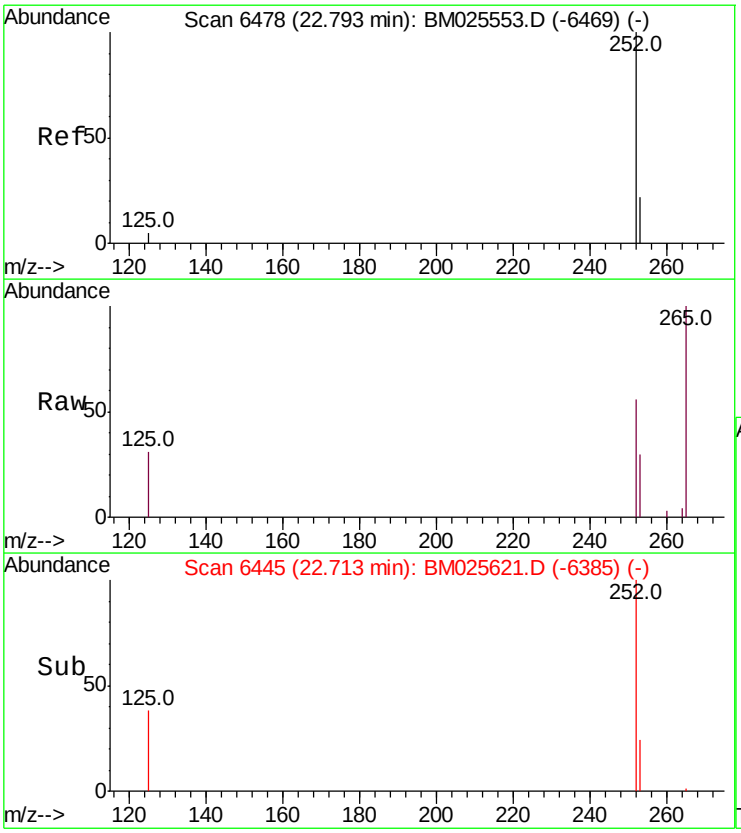

#21
Benzo(b)fluoranthene
Concen: 0.046 ng/ul
RT: 22.67 min Scan# 6429
Delta R.T. -0.00 min
Lab File: BM025621.D
Acq: 17 Mar 2020 21:33

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

Tgt Ion:252 Resp: 2716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 41.7 | 0.0 | 50.2 |
| 125 | 25.1 | 0.0 | 17.6# |

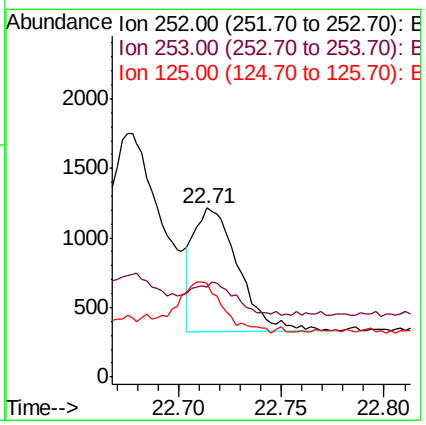


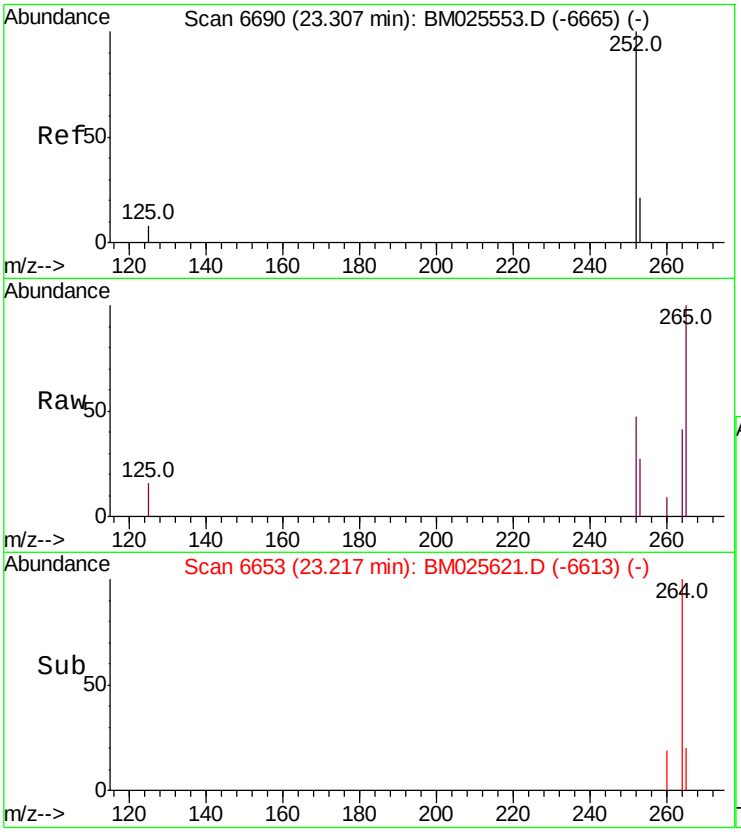




#22
Benzo(k)fluoranthene
Concen: 0.022 ng/ul
RT: 22.71 min Scan# 6445
Delta R.T. -0.00 min
Lab File: BM025621.D
Acq: 17 Mar 2020 21:33

Tgt Ion:252 Resp: 1335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 53.2 | 19.8 | 29.8# |
| 125 | 55.3 | 7.1 | 10.7# |



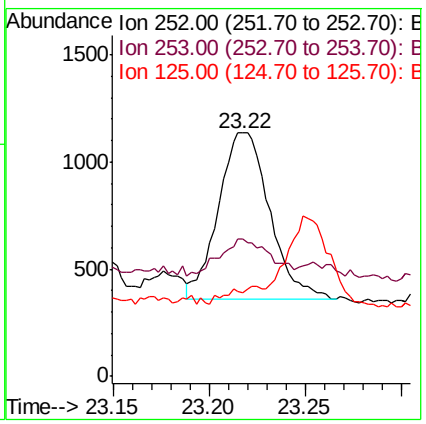


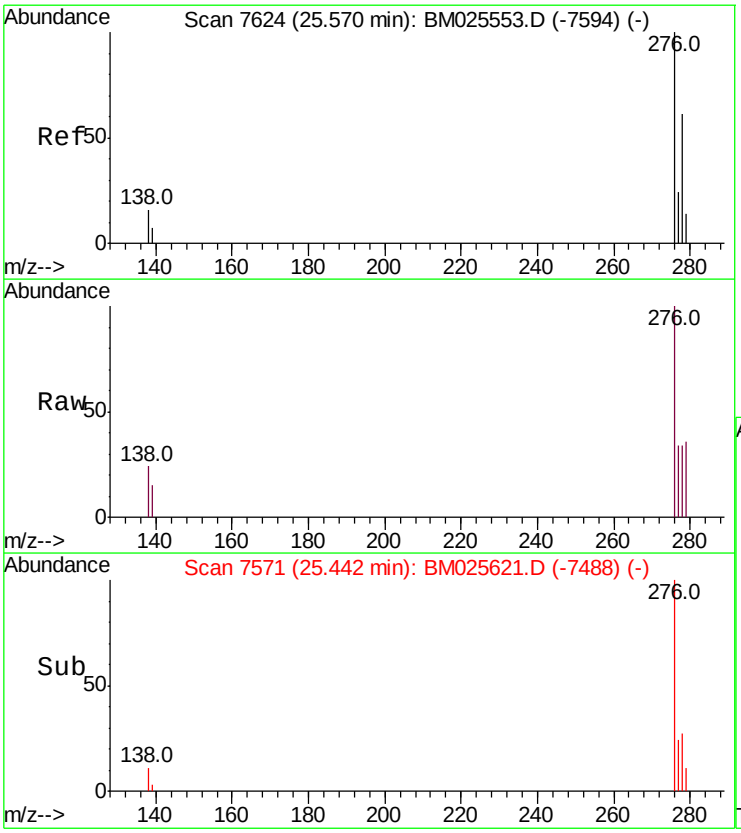

#23
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.22 min Scan# 6653
Delta R.T. -0.00 min
Lab File: BM025621.D
Acq: 17 Mar 2020 21:33

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

Tgt Ion:252 Resp: 1436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 56.6 | 21.3 | 31.9# |
| 125 | 34.2 | 8.5 | 12.7# |

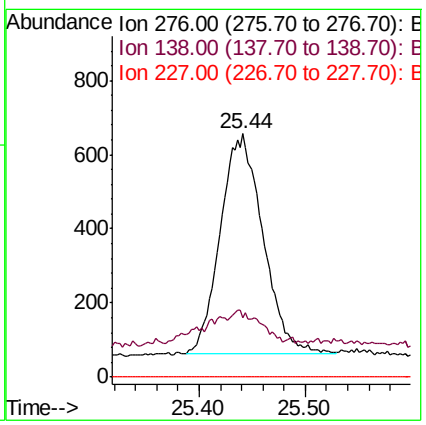


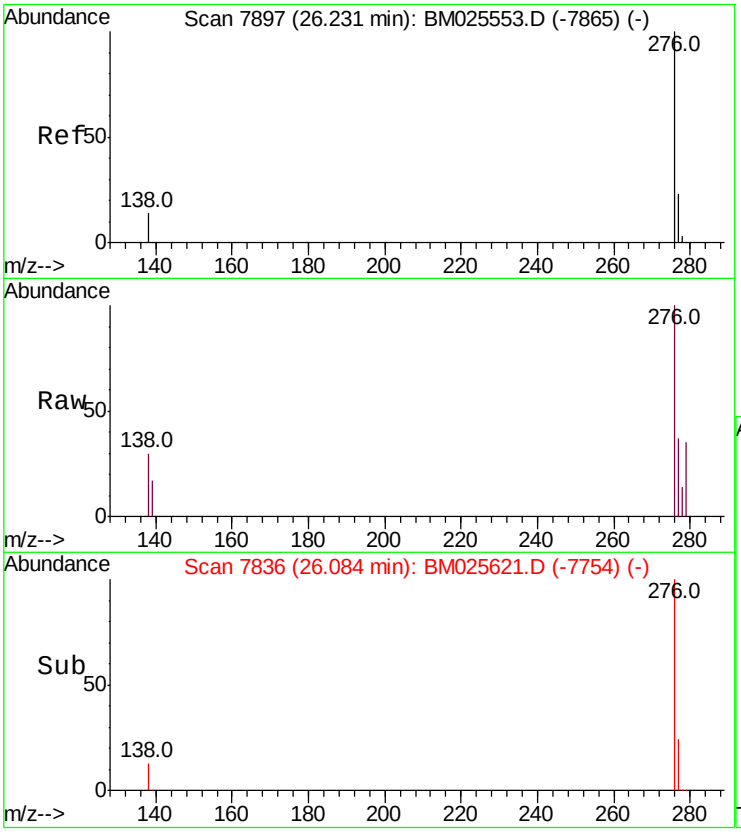




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 25.44 min Scan# 7571
Delta R.T. -0.00 min
Lab File: BM025621.D
Acq: 17 Mar 2020 21:33

Tgt Ion:276 Resp: 1624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 8.1 | 12.3 | 18.5# |
| 227 | 0.0 | 0.0 | 0.0 |






#26
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.08 min Scan# 7836
Delta R.T. -0.00 min
Lab File: BM025621.D
Acq: 17 Mar 2020 21:33

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

Tgt Ion:276 Resp: 1344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.0 | 11.0 | 16.4# |
| 277 | 36.8 | 19.8 | 29.6# |