Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Sep 12 01:03:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 17959 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.67 | 136 | 70378 | 0.40 | ng/ul | 0.03 |
| 6) Acenaphthene-d10 | 14.48 | 164 | 74305 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.32 | 188 | 5945657 | 0.40 | ng/ul | 0.10 |
| 16) Chrysene-d12 | 21.52 | 240 | 725 | 0.40 | ng/ul | 0.13 |
| 20) Perylene-d12 | 0.00 | 264 | 0 | 0.00 | ng/ul | -23.67 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.23 | 152 | 34658 | 0.30 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.36 | 212 | 5575 | 0.00 | ng/ul | 0.12 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.69 | 128 | 55511455 | 276.823 | ng/ul# | 91 |
| 5) 2-Methylnaphthalene | 12.31 | 142 | 28412489 | 206.672 | ng/ul | 92 |
| 7) Acenaphthylene | 14.20 | 152 | 1204490 | 3.502 | ng/ul# | 96 |
| 8) Acenaphthene | 14.55 | 153 | 13033333 | 45.264 | ng/ul | 95 |
| 9) Fluorene | 15.53 | 166 | 9655402 | 29.266 | ng/ul | 98 |
| 12) Phenanthrene | 17.35 | 178 | 1151426 | 0.061 | ng/ul | 99 |
| 17) Pyrene | 19.63 | 202 | 3086538 | 939.073 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.38 | 228 | 527822 | 190.228 | ng/ul | 98 |
| 19) Chrysene | 21.38 | 228 | 447040 | 153.133 | ng/ul | 97 |

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

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BNA_M
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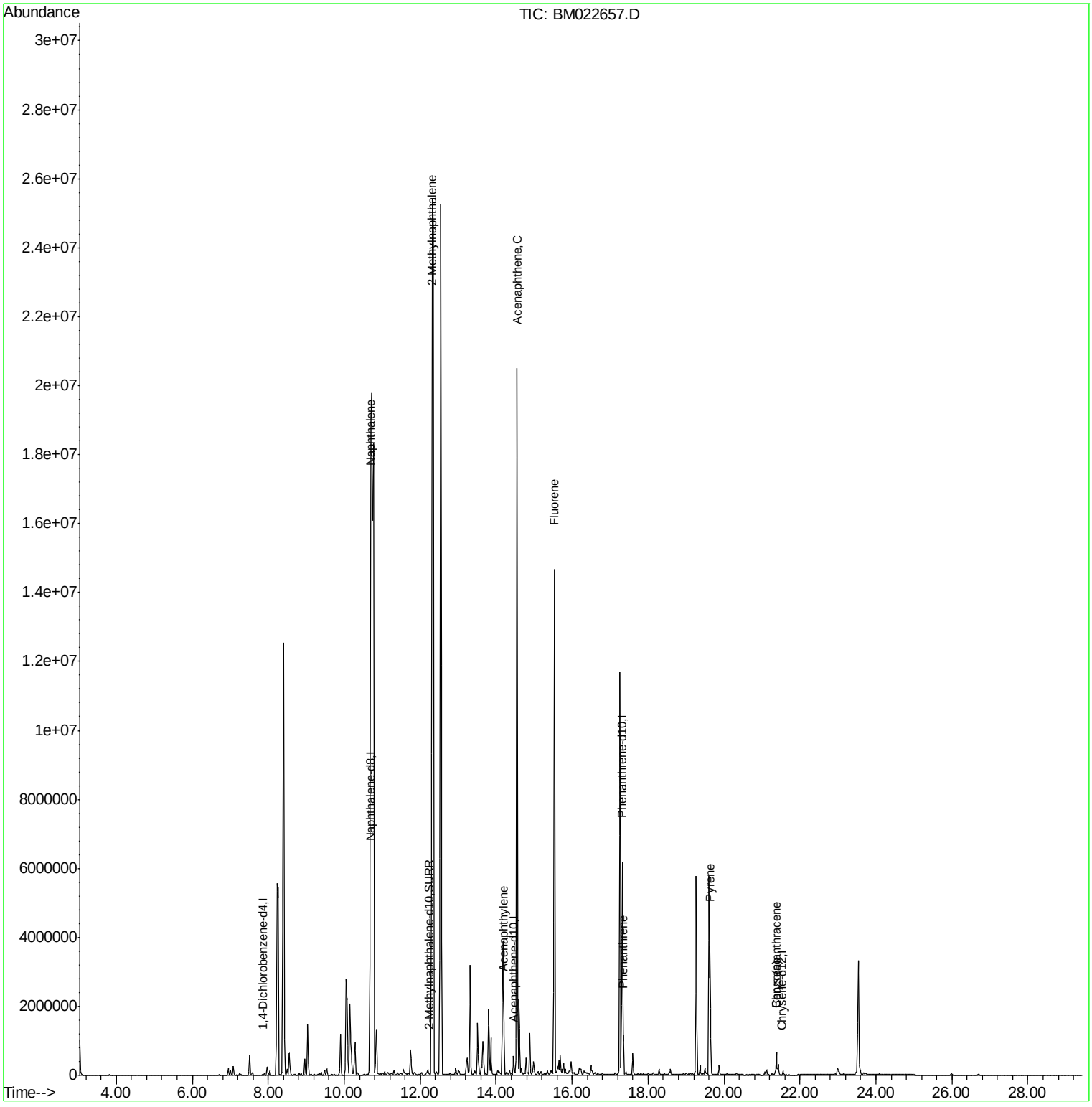
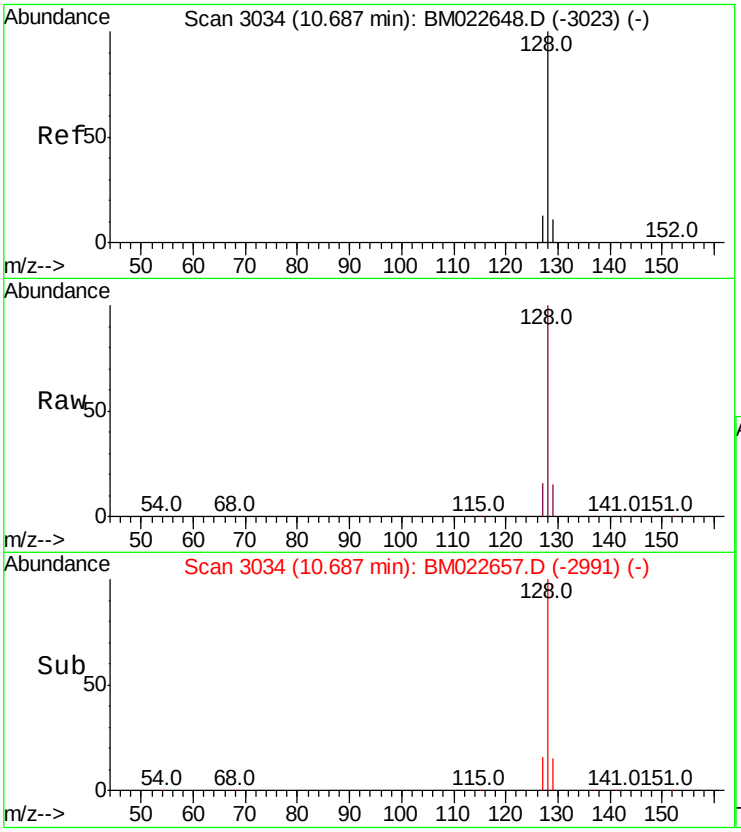


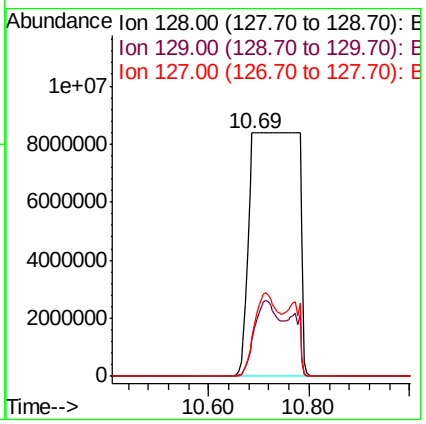


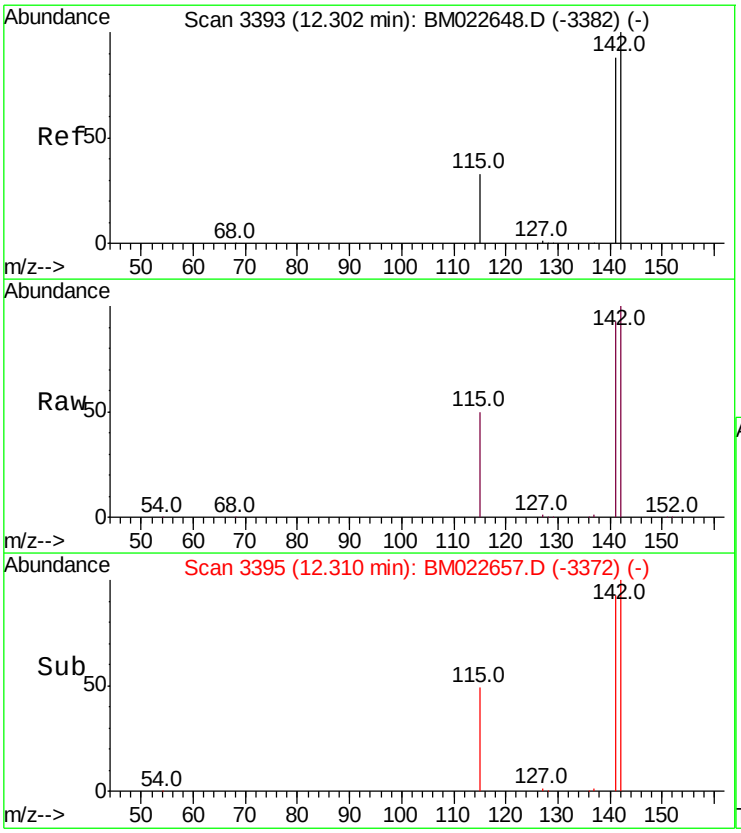

#3
Naphthalene
Concen: 276.823 ng/ul
RT: 10.69 min Scan# 3034
Delta R.T. -0.00 min
Lab File: BM022657.D
Acq: 11 Sep 2019 15:05

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

Tgt Ion:128 Resp:55511455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 15.0 | 8.8 | 13.2# |
| 127 | 16.1 | 10.4 | 15.6# |

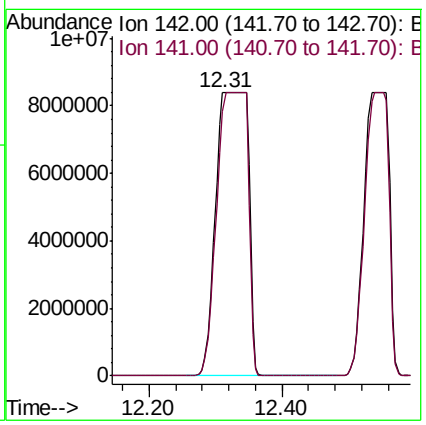


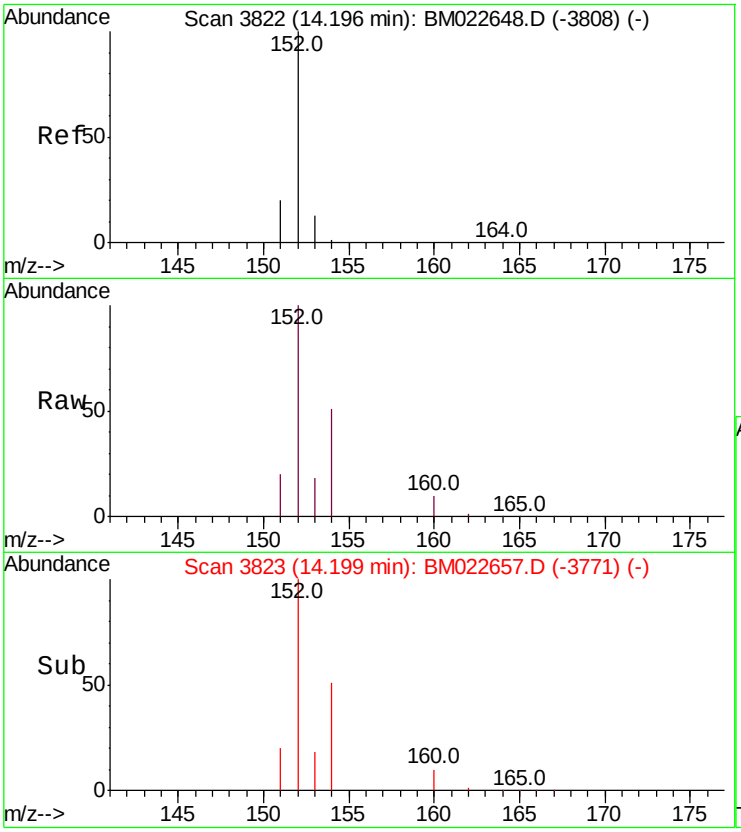




#5
2-Methylnaphthalene
Concen: 206.672 ng/ul
RT: 12.31 min Scan# 3395
Delta R.T. 0.00 min
Lab File: BM022657.D
Acq: 11 Sep 2019 15:05

Tgt Ion:142 Resp:28412489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.6 | 70.8 | 106.2 |



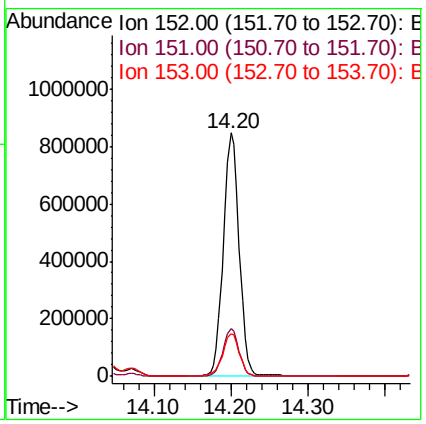


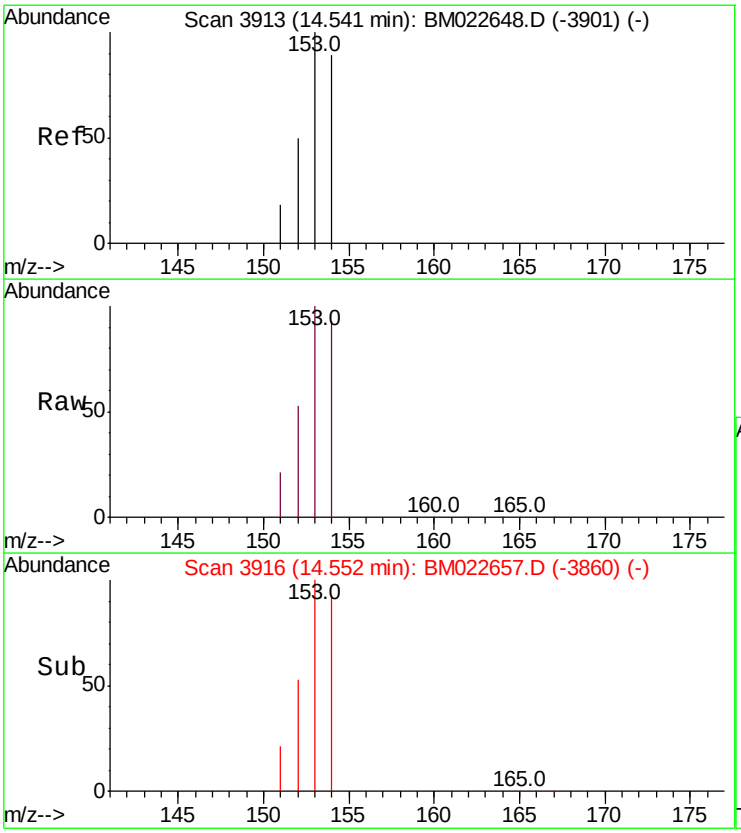

#7
Acenaphthylene
Concen: 3.502 ng/ul
RT: 14.20 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM022657.D
Acq: 11 Sep 2019 15:05

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

Tgt Ion:152 Resp: 1204490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.8 | 23.8 |
| 153 | 17.7 | 10.7 | 16.1# |

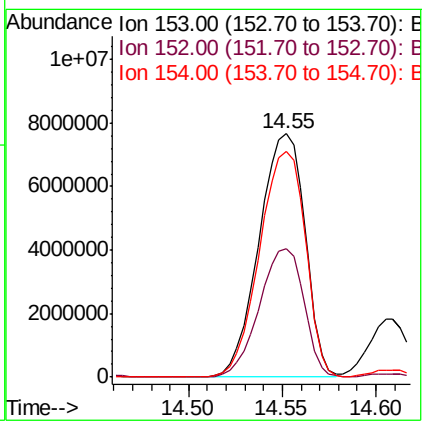


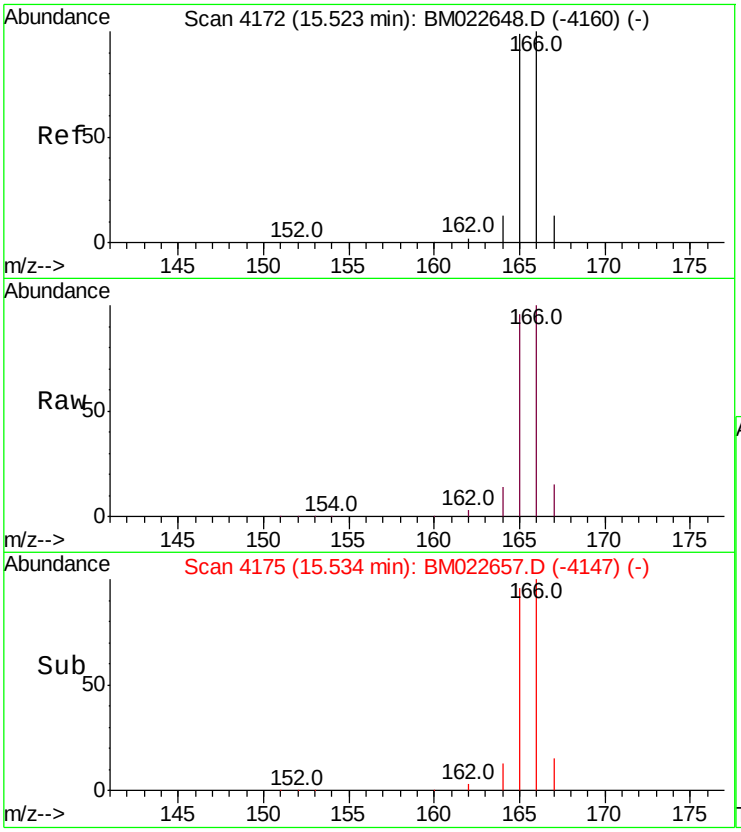




#8
Acenaphthene
Concen: 45.264 ng/ul
RT: 14.55 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BM022657.D
Acq: 11 Sep 2019 15:05

Tgt Ion:153 Resp:13033333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 52.9 | 40.7 | 61.1 |
| 154 | 92.7 | 70.0 | 105.0 |



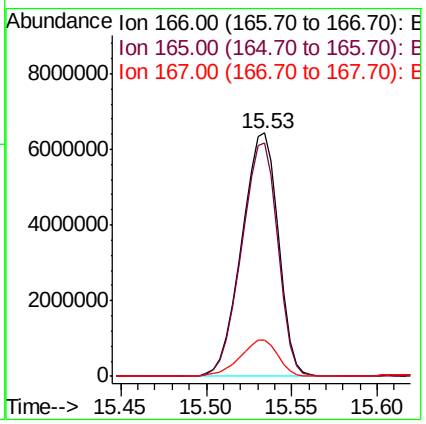


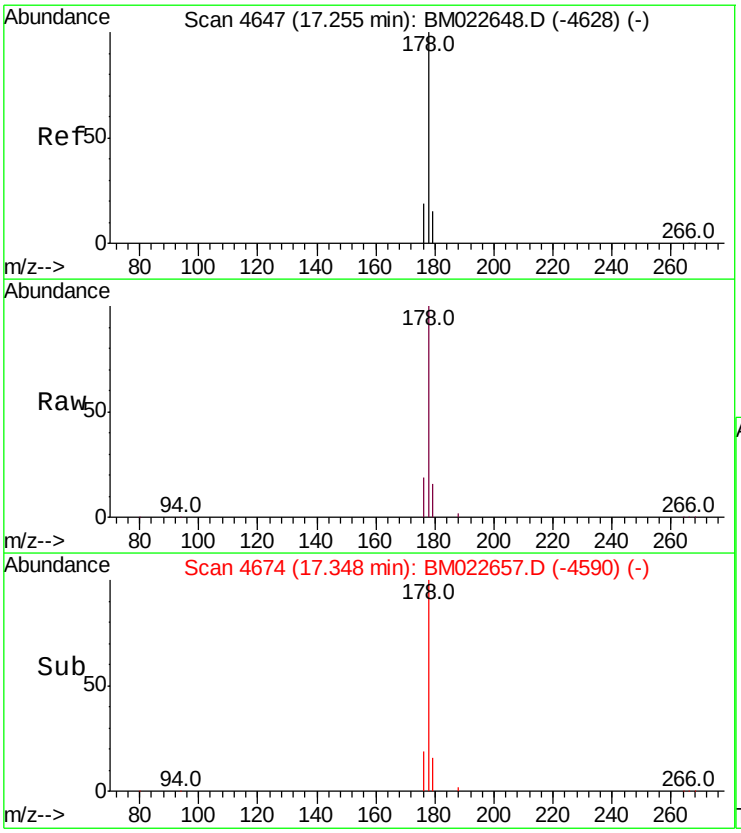

#9
Fluorene
Concen: 29.266 ng/ul
RT: 15.53 min Scan# 4175
Delta R.T. 0.01 min
Lab File: BM022657.D
Acq: 11 Sep 2019 15:05

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

Tgt Ion:166 Resp: 9655402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.7 | 78.2 | 117.2 |
| 167 | 14.9 | 10.8 | 16.2 |

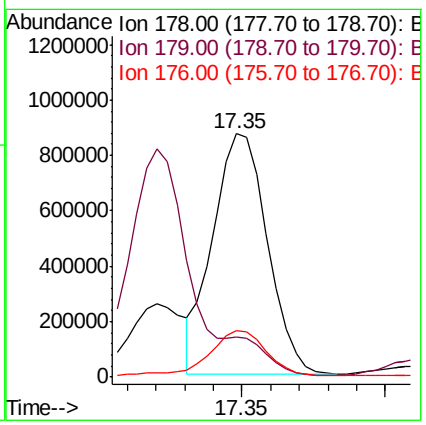


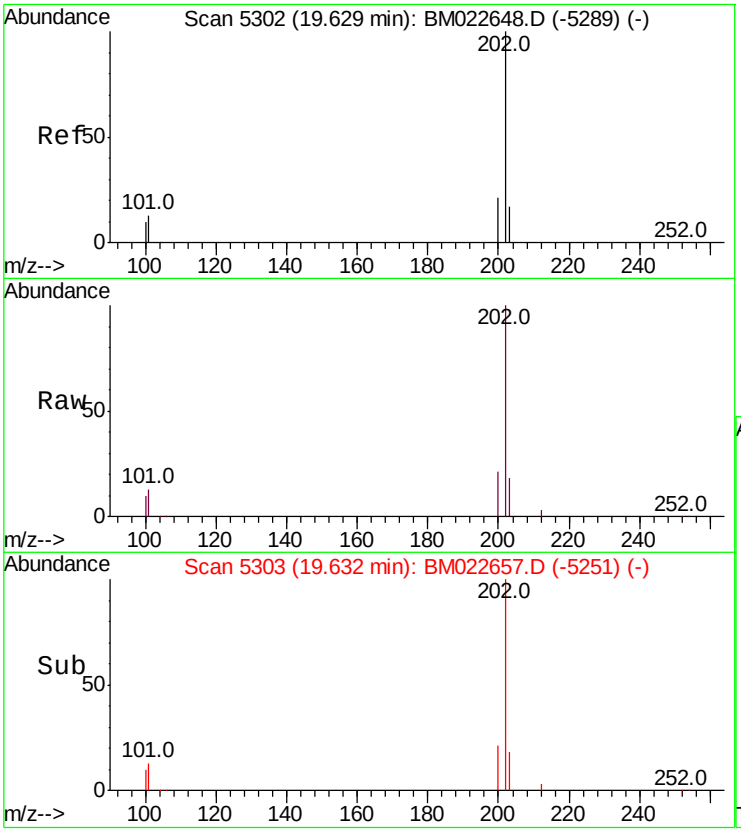




#12
Phenanthrene
Concen: 0.061 ng/ul
RT: 17.35 min Scan# 4674
Delta R.T. 0.09 min
Lab File: BM022657.D
Acq: 11 Sep 2019 15:05

Tgt Ion:178 Resp: 1151426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.4 | 12.4 | 18.6 |
| 176 | 19.0 | 15.3 | 22.9 |



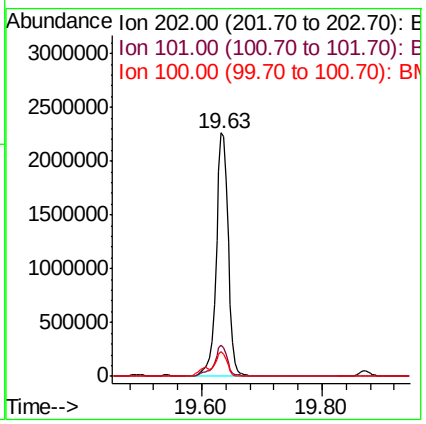


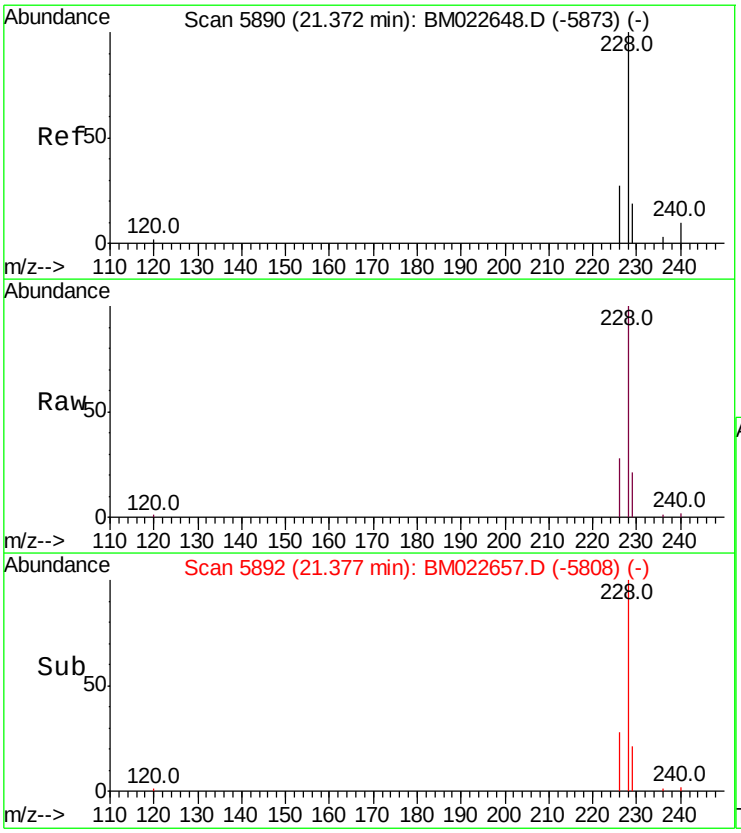

#17
Pyrene
Concen: 939.073 ng/ul
RT: 19.63 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BM022657.D
Acq: 11 Sep 2019 15:05

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

Tgt Ion:202 Resp: 3086538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.8 | 10.0 | 15.0 |
| 100 | 10.2 | 8.1 | 12.1 |

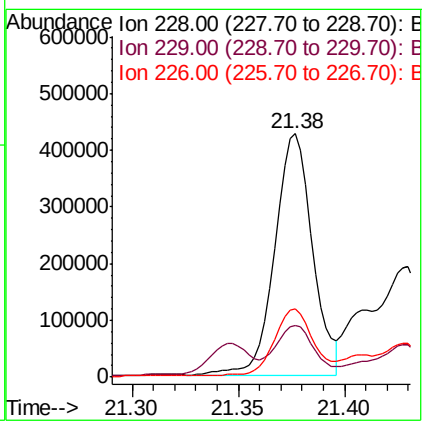


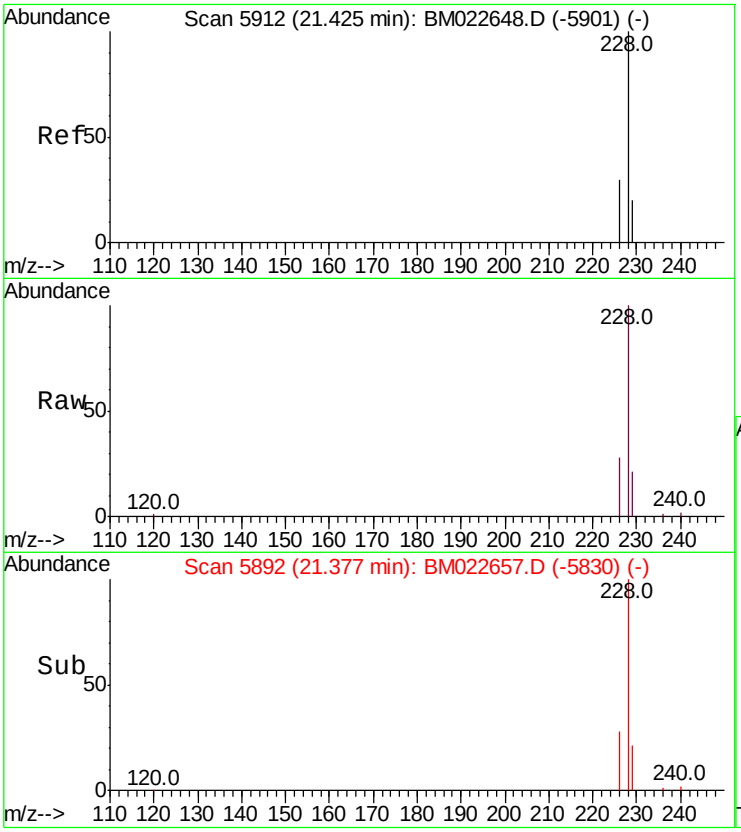




#18
Benzo(a)anthracene
Concen: 190.228 ng/ul
RT: 21.38 min Scan# 5892
Delta R.T. 0.00 min
Lab File: BM022657.D
Acq: 11 Sep 2019 15:05

Tgt Ion:228 Resp: 527822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.3 | 15.6 | 23.4 |
| 226 | 28.2 | 22.0 | 33.0 |






#19
Chrysene
Concen: 153.133 ng/ul
RT: 21.38 min Scan# 5892
Delta R.T. -0.05 min
Lab File: BM022657.D
Acq: 11 Sep 2019 15:05

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

Tgt Ion:228 Resp: 447040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 23.8 | 35.8 |
| 229 | 21.3 | 15.5 | 23.3 |