Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041583.D
Acq On : 30 Aug 2023 17:05
Operator : MA/JU
Sample : 04134-04RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCHJ7RE

Quant Time: Aug 31 02:18:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration

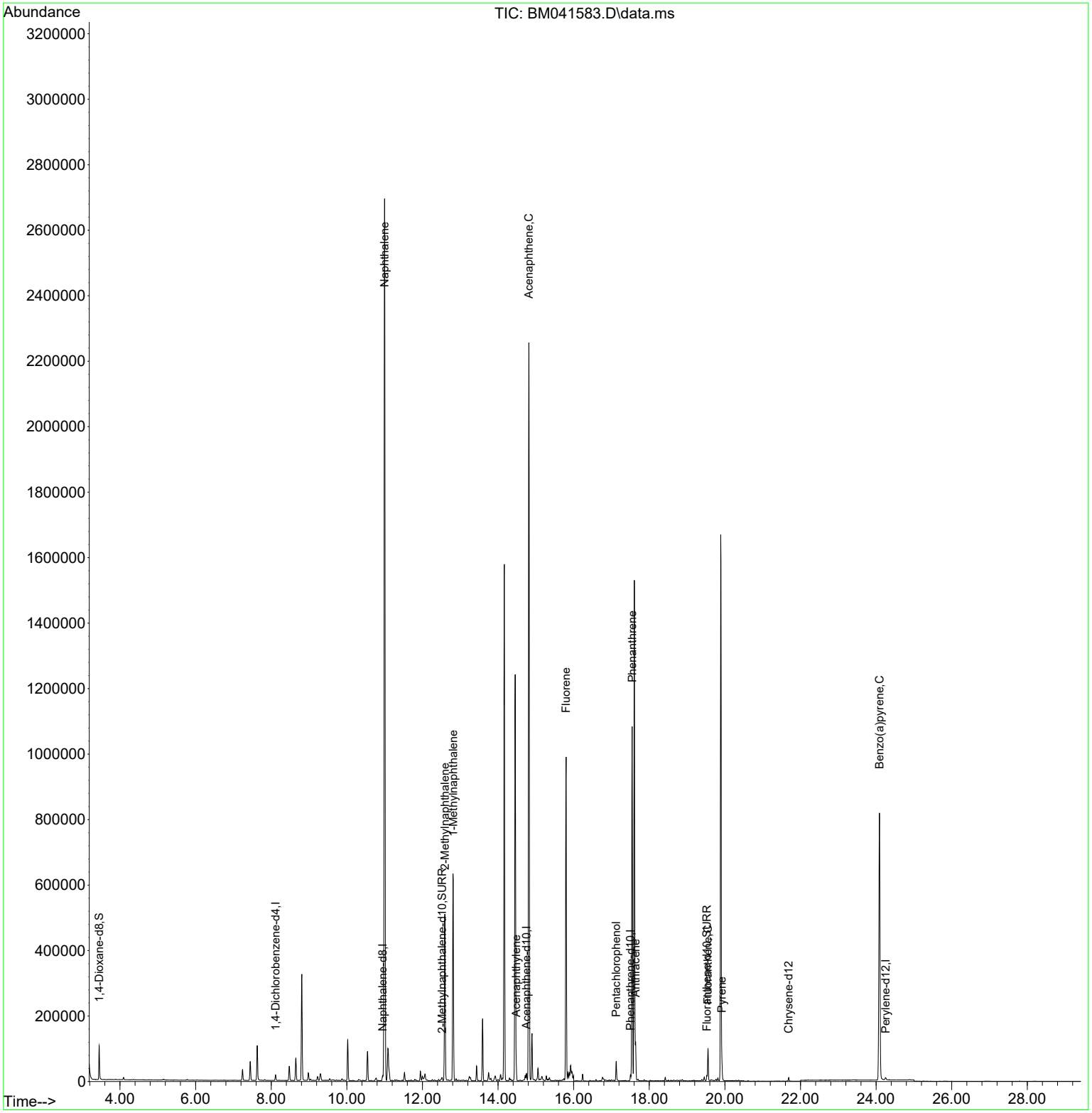
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.118 | 152 | 8419 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.950 | 136 | 21467 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.754 | 164 | 10501 | 0.400 | ng/ul | # 0.00 |
| 13) Phenanthrene-d10 | 17.502 | 188 | 19847 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.688 | 240 | 7939 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.252 | 264 | 9551 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.452 | 96 | 57453 | 4.624 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.522 | 152 | 8780 | 0.339 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.524 | 212 | 13620 | 0.348 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.999 | 128 | 3753587 | 54.690 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.594 | 142 | 332433 | 8.539 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.814 | 142 | 417535 | 10.613 | ng/ul | 100 |
| 10) Acenaphthylene | 14.481 | 152 | 42895 | 0.586 | ng/ul | 98 |
| 11) Acenaphthene | 14.814 | 153 | 1336552 | 26.472 | ng/ul | 97 |
| 12) Fluorene | 15.800 | 166 | 602789 | 10.968 | ng/ul | 96 |
| 14) Pentachlorophenol | 17.126 | 266 | 38026 | 4.986 | ng/ul | 98 |
| 15) Phenanthrene | 17.548 | 178 | 1147646 | 13.243 | ng/ul | 100 |
| 16) Anthracene | 17.637 | 178 | 114121 | 1.515 | ng/ul | 98 |
| 19) Fluoranthene | 19.552 | 202 | 78891 | 0.758 | ng/ul | 99 |
| 20) Pyrene | 19.919 | 202 | 47665 | 0.455 | ng/ul | 96 |
| 26) Benzo(a)pyrene | 24.088 | 252 | 8009 | 0.101 | ng/ul# | 54 |

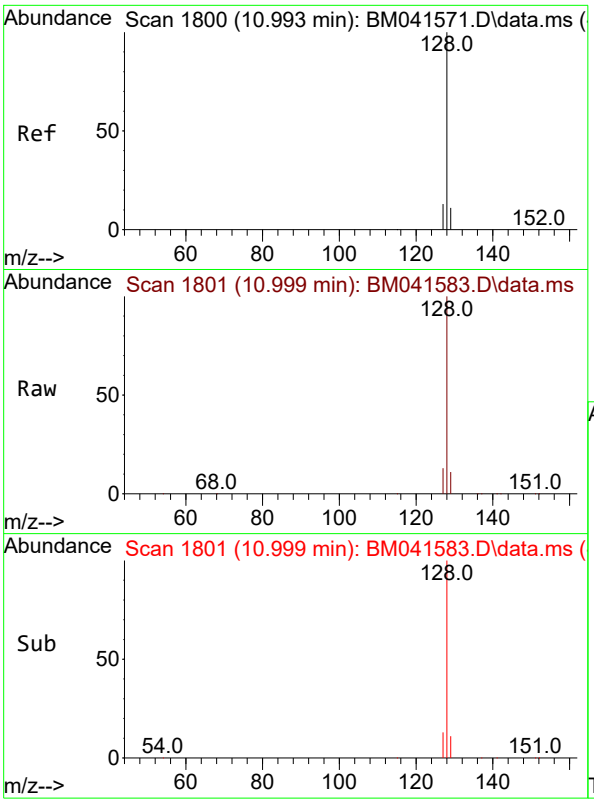
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041583.D
Acq On : 30 Aug 2023 17:05
Operator : MA/JU
Sample : 04134-04RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCHJ7RE

Quant Time: Aug 31 02:18:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration



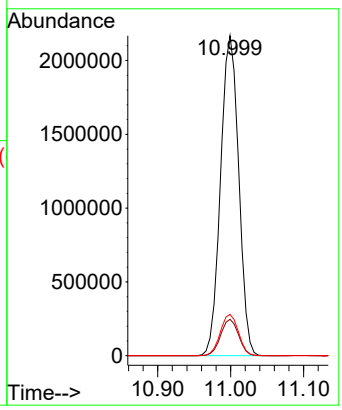


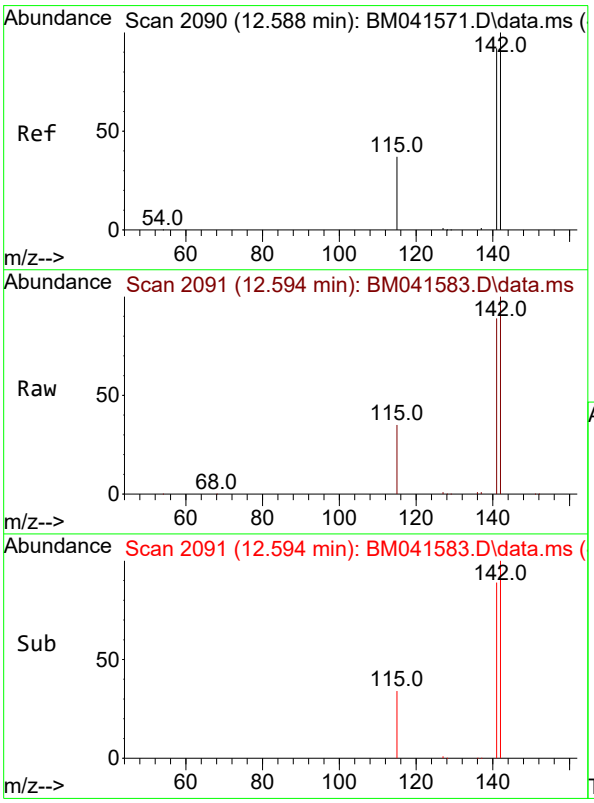

#5
Naphthalene
Concen: 54.690 ng/ul
RT: 10.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

**Instrument :**
BNA_M
**ClientSampleId :**
DCHJ7RE

Tgt Ion:128 Resp: 3753587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.1 | 13.7 |
| 127 | 12.9 | 10.6 | 15.8 |

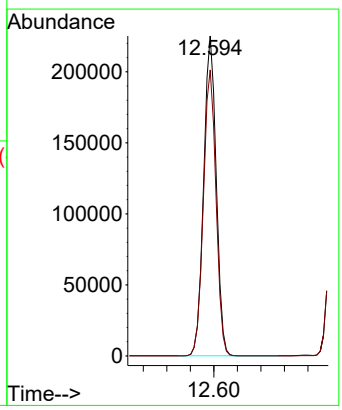


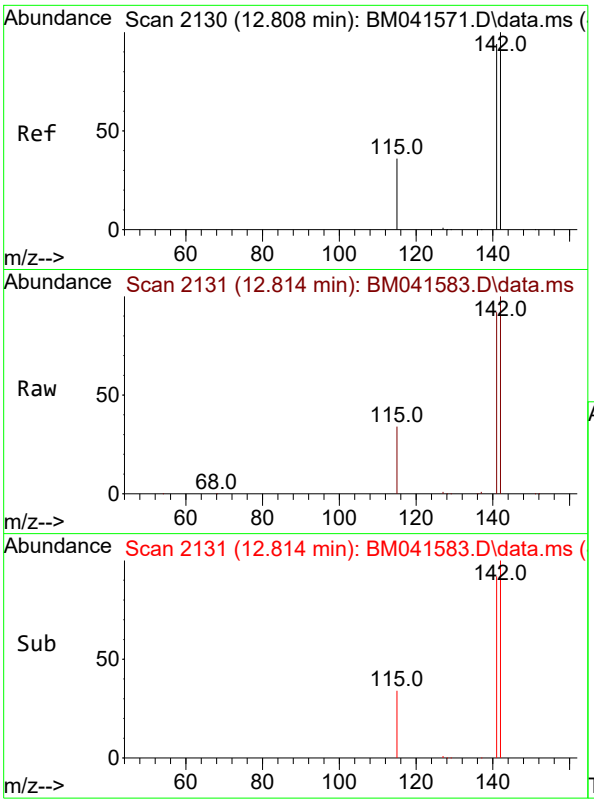




#7
2-Methylnaphthalene
Concen: 8.539 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

Tgt Ion:142 Resp: 332433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.8 | 71.8 | 107.8 |



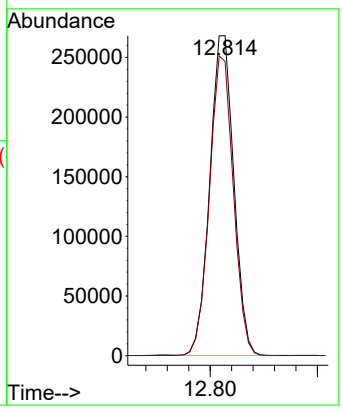


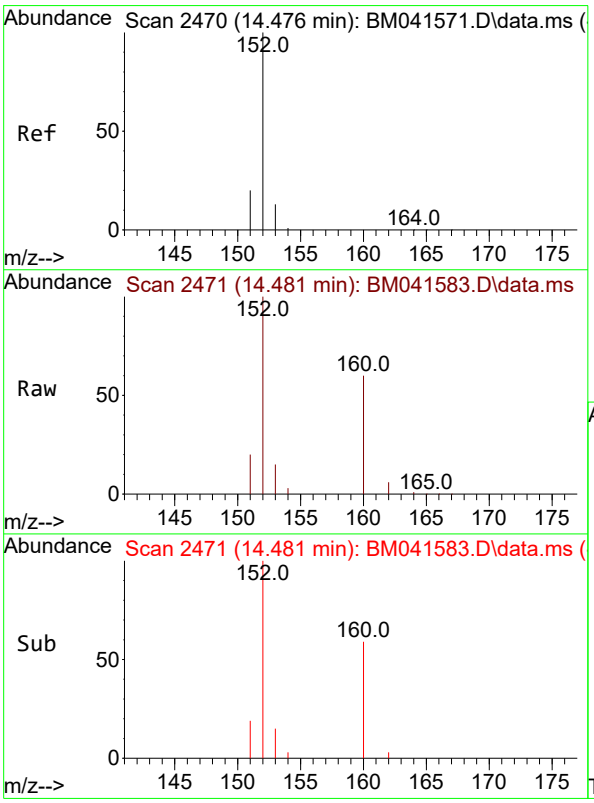

#8
1-Methylnaphthalene
Concen: 10.613 ng/ul
RT: 12.814 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

**Instrument :**
BNA_M
**ClientSampleId :**
DCHJ7RE

Tgt Ion:142 Resp: 417535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.0 | 74.2 | 111.2 |

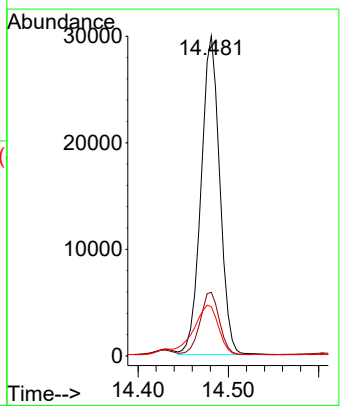


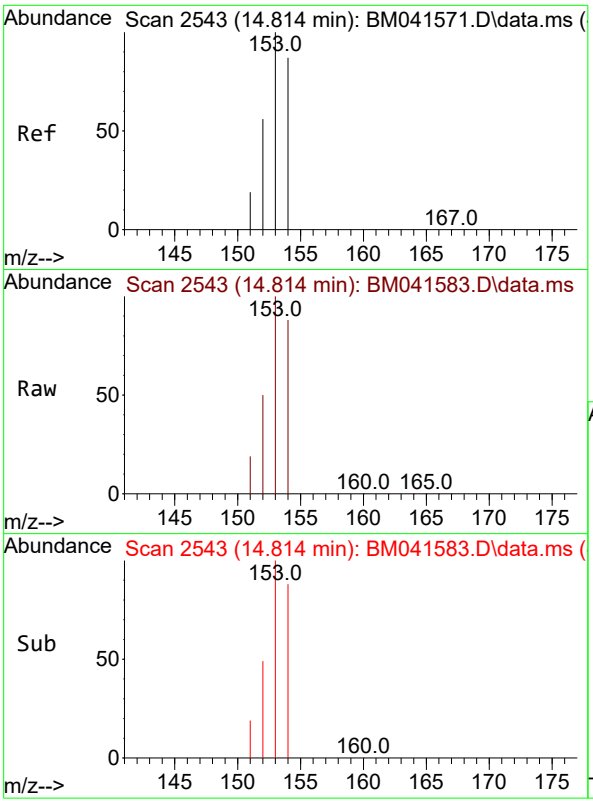




#10
Acenaphthylene
Concen: 0.586 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

Tgt Ion:152 Resp: 42895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.9 | 23.9 |
| 153 | 15.4 | 10.6 | 15.8 |



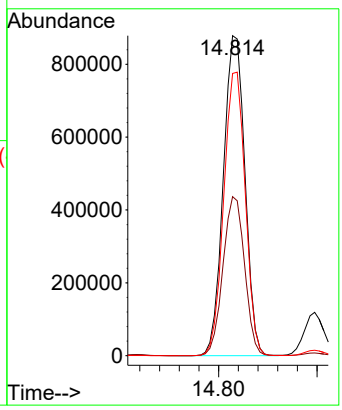


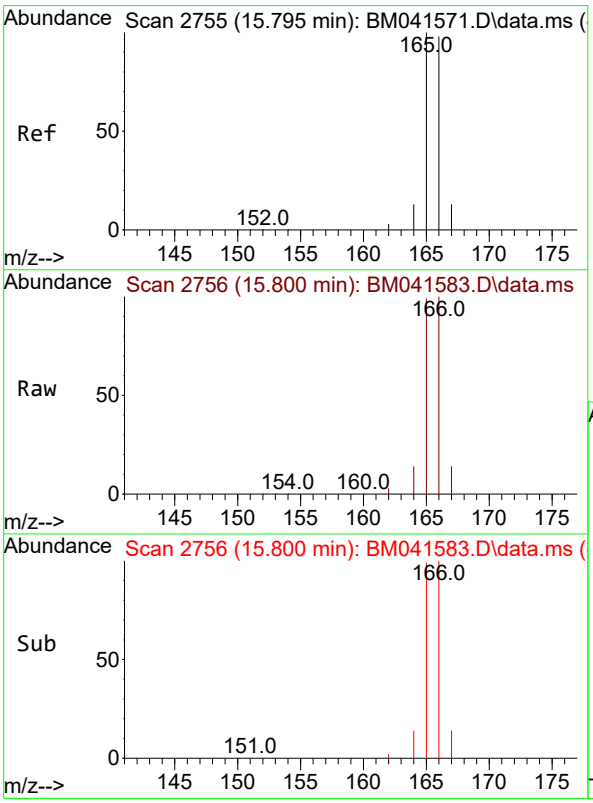

#11
Acenaphthene
Concen: 26.472 ng/ul
RT: 14.814 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

**Instrument :**
BNA_M
**ClientSampleId :**
DCHJ7RE

Tgt Ion:153 Resp: 1336552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 49.7 | 43.4 | 65.2 |
| 154 | 88.2 | 70.2 | 105.2 |

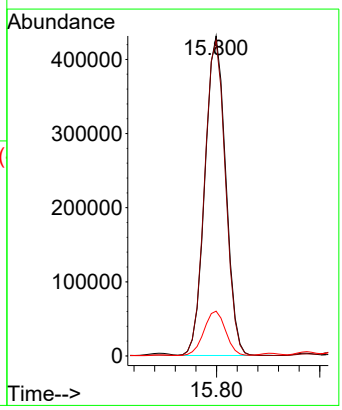


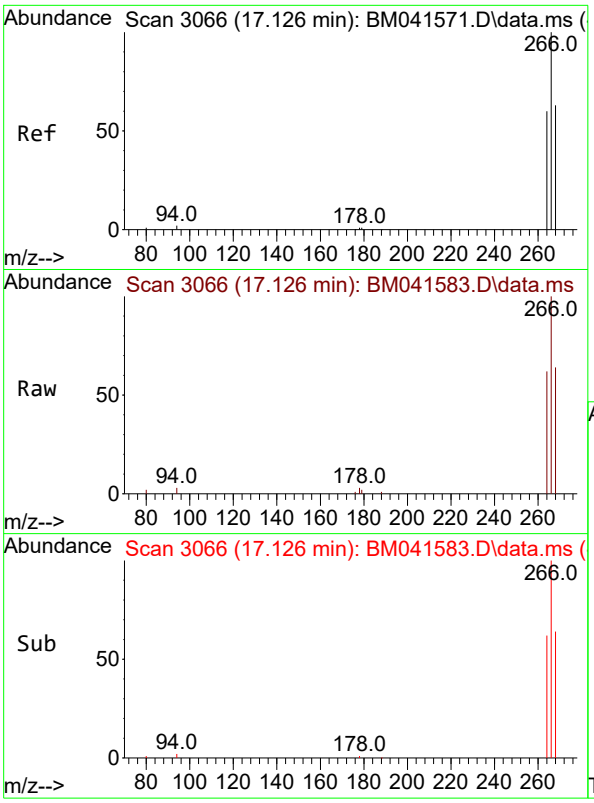




#12
Fluorene
Concen: 10.968 ng/ul
RT: 15.800 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

Tgt Ion:166 Resp: 602789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.6 | 82.2 | 123.2 |
| 167 | 14.0 | 11.5 | 17.3 |



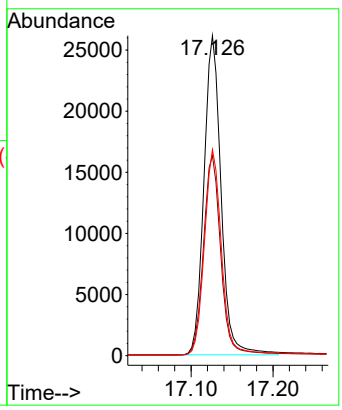


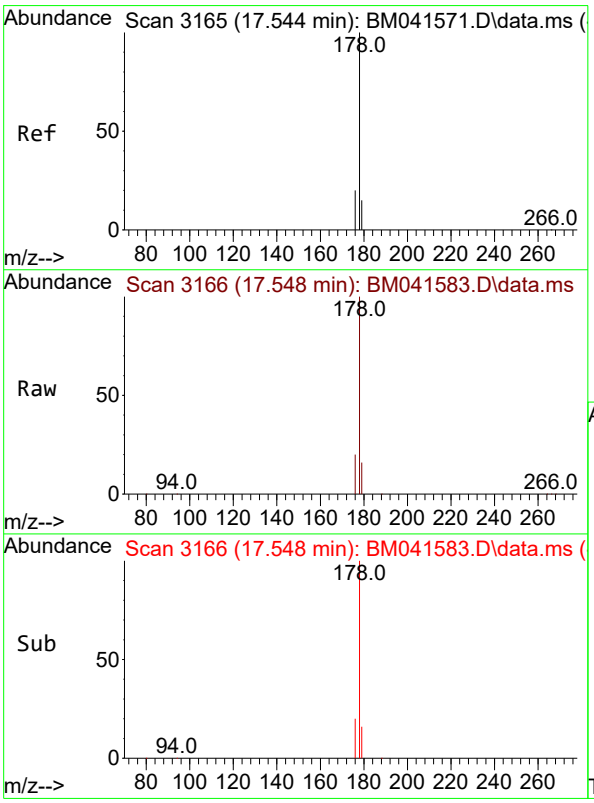

#14
Pentachlorophenol
Concen: 4.986 ng/ul
RT: 17.126 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

**Instrument :**
BNA_M
**ClientSampleId :**
DCHJ7RE

Tgt Ion:266 Resp: 38026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.9 | 49.3 | 73.9 |
| 268 | 64.0 | 50.2 | 75.4 |

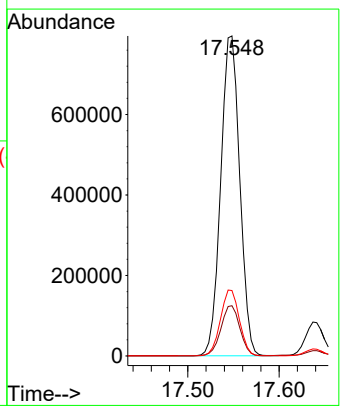


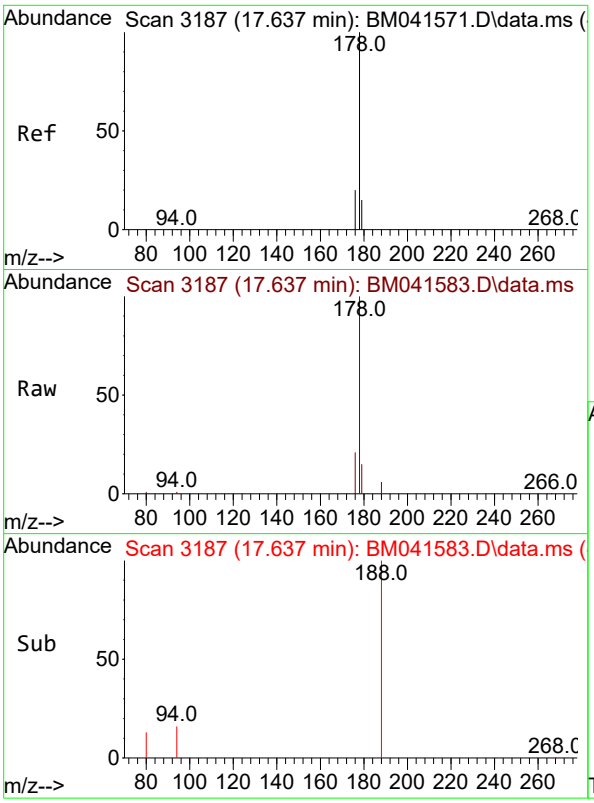




#15
Phenanthrene
Concen: 13.243 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

Tgt Ion:178 Resp: 1147646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 12.6 | 19.0 |
| 176 | 20.4 | 16.2 | 24.4 |



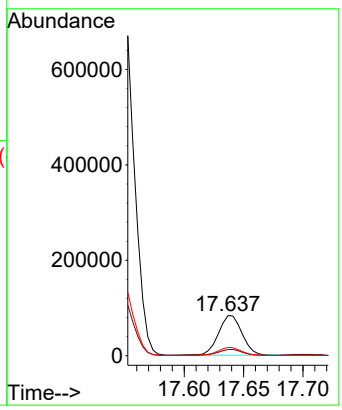


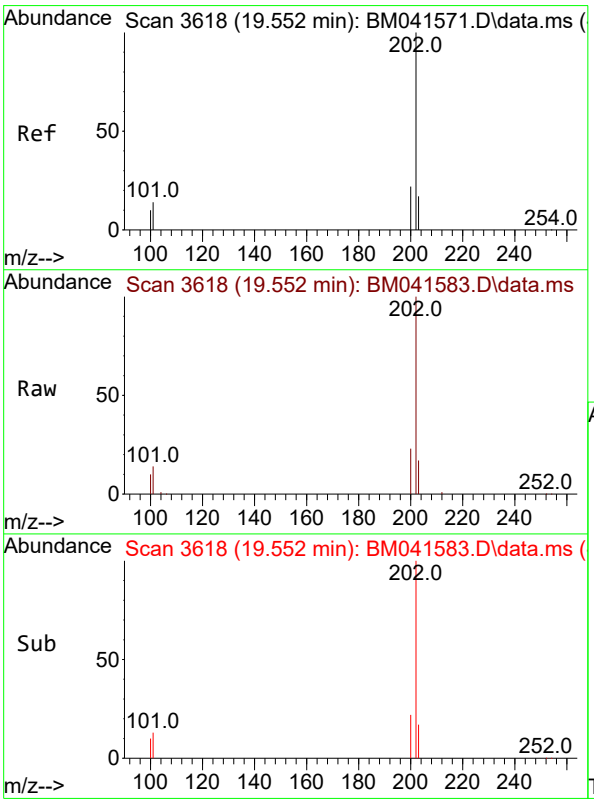

#16
Anthracene
Concen: 1.515 ng/ul
RT: 17.637 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

**Instrument :**
BNA_M
**ClientSampleId :**
DCHJ7RE

Tgt Ion:178 Resp: 114121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.4 | 12.9 | 19.3 |
| 176 | 20.8 | 15.6 | 23.4 |

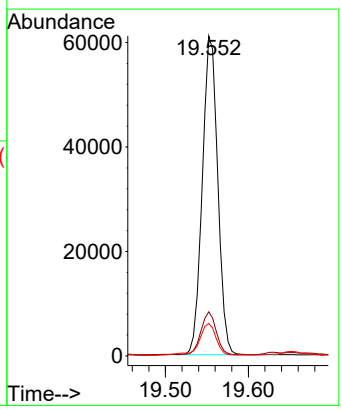


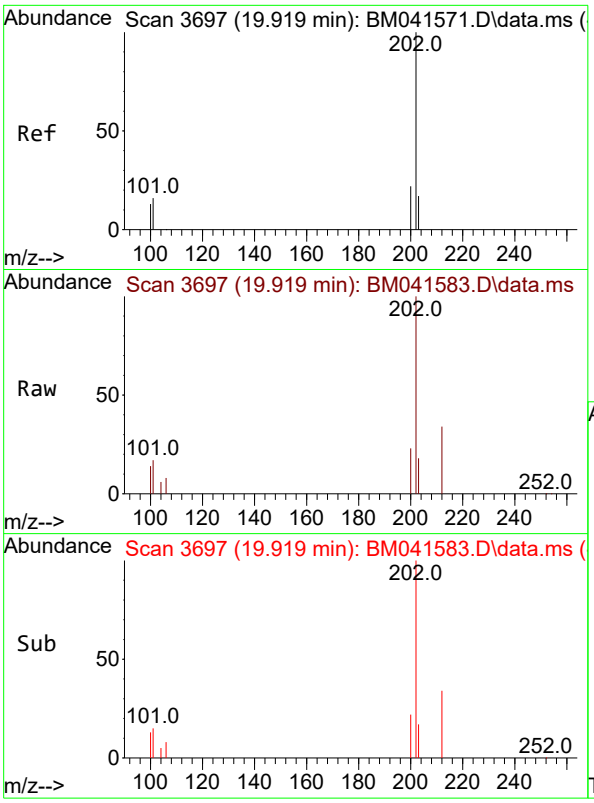




#19
Fluoranthene
Concen: 0.758 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.004 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

Tgt Ion:202 Resp: 78891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.8 | 10.7 | 16.1 |
| 100 | 10.2 | 8.1 | 12.1 |



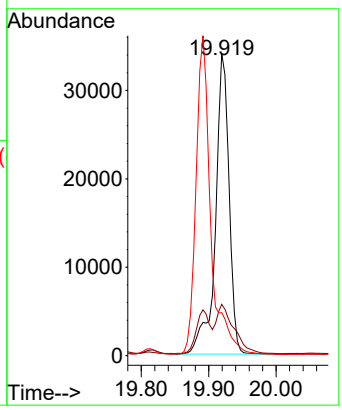


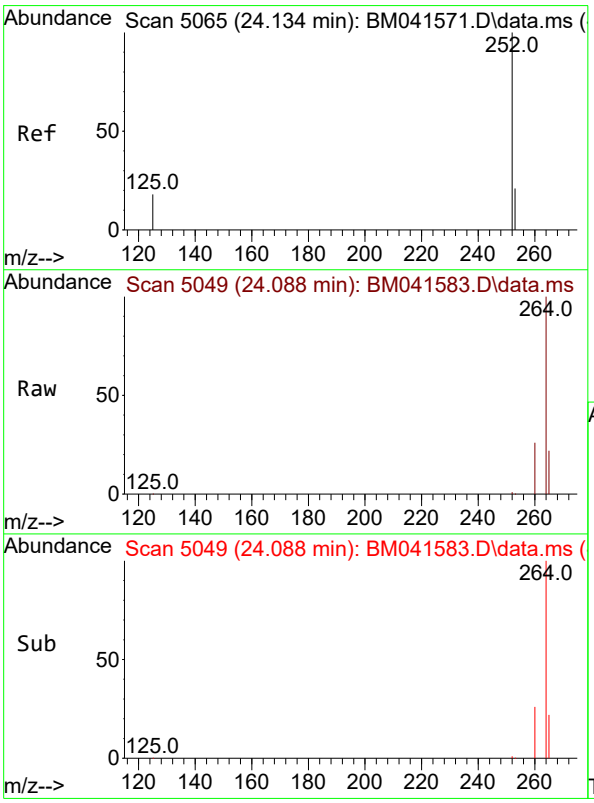

#20
Pyrene
Concen: 0.455 ng/ul
RT: 19.919 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

**Instrument :**
BNA_M
**ClientSampleId :**
DCHJ7RE

Tgt Ion:202 Resp: 47665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 17.0 | 12.2 | 18.4 |
| 100 | 14.2 | 9.8 | 14.8 |




#26
Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 24.088 min Scan# 5049
Delta R.T. -0.049 min
Lab File: BM041583.D
Acq: 30 Aug 2023 17:05

Tgt Ion:252 Resp: 8009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 40.3 | 20.9 | 31.3# |
| 125 | 59.3 | 21.1 | 31.7# |