Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
Data File : BN022532.D
Acq On : 07 Nov 2022 18:23
Operator : CG/JU
Sample : N5407-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4Y2

Quant Time: Nov 07 23:34:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 23:30:37 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.919 | 152 | 3289 | 0.400 | ng/ul | # 0.00 |
| 4) Naphthalene-d8 | 10.744 | 136 | 8704 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.599 | 164 | 9983 | 0.400 | ng/ul | # 0.00 |
| 13) Phenanthrene-d10 | 17.356 | 188 | 13086 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.559 | 240 | 10797 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 24.014 | 264 | 8033 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.224 | 96 | 19321 | 4.520 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.344 | 152 | 7168 | 0.544 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.392 | 212 | 13672 | 0.377 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.261 | 88 | 24902 | 5.674 | ng/ul# | 82 |
| 5) Naphthalene | 10.799 | 128 | 10401 | 0.405 | ng/ul# | 55 |
| 7) 2-Methylnaphthalene | 12.415 | 142 | 5552 | 0.343 | ng/ul# | 76 |
| 8) 1-Methylnaphthalene | 12.635 | 142 | 3600 | 0.216 | ng/ul | 94 |
| 11) Acenaphthene | 14.659 | 153 | 3832 | 0.101 | ng/ul | 89 |
| 12) Fluorene | 15.654 | 166 | 2591 | 0.059 | ng/ul# | 45 |
| 14) Pentachlorophenol | 17.014 | 266 | 2332 | 0.750 | ng/ul | 99 |
| 15) Phenanthrene | 17.398 | 178 | 5796 | 0.132 | ng/ul# | 10 |
| 16) Anthracene | 17.470 | 178 | 4472 | 0.121 | ng/ul# | 1 |
| 19) Fluoranthene | 19.425 | 202 | 2705 | 0.055 | ng/ul# | 1 |
| 20) Pyrene | 19.787 | 202 | 4661 | 0.094 | ng/ul# | 1 |

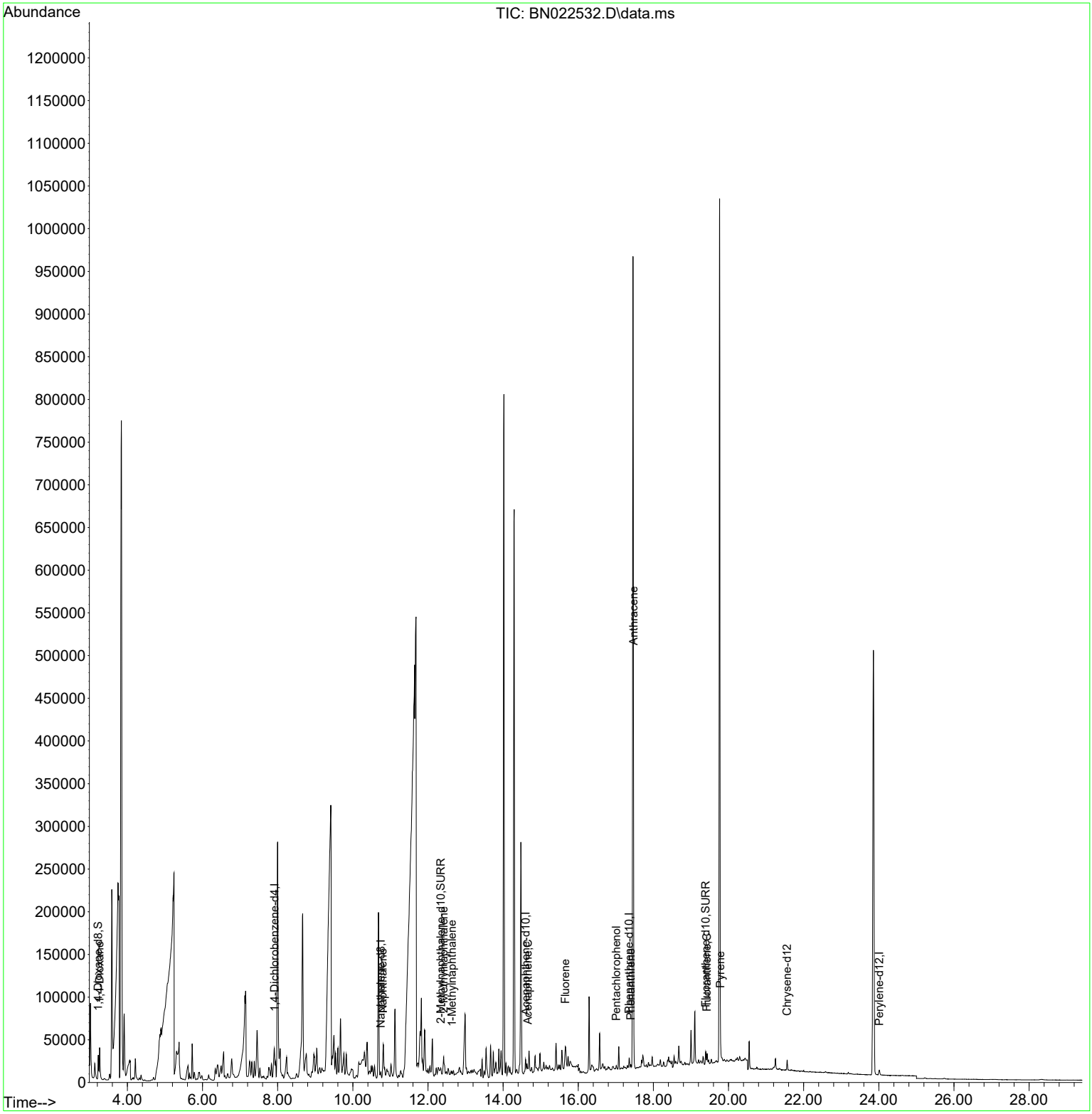
(#) = qualifier out of range (m) = manual integration (+) = signals summed

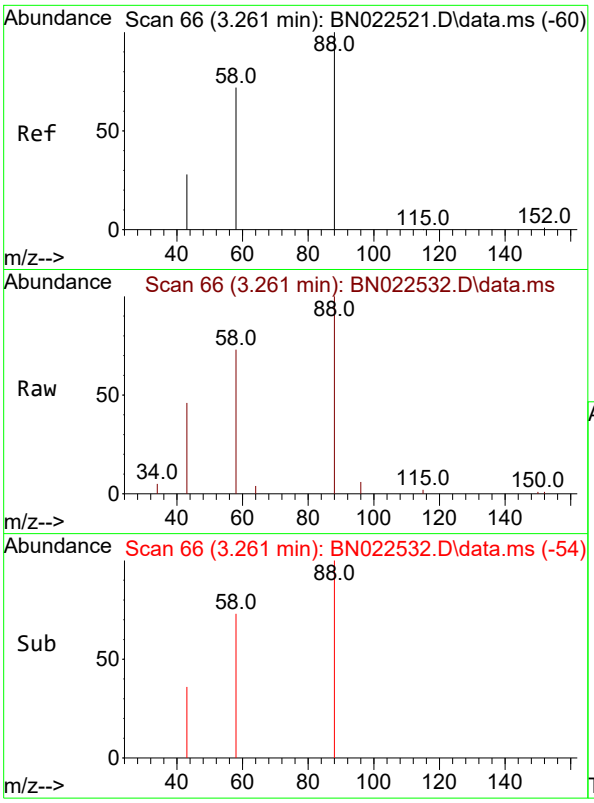
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
Data File : BN022532.D
Acq On : 07 Nov 2022 18:23
Operator : CG/JU
Sample : N5407-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4Y2

Quant Time: Nov 07 23:34:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 23:30:37 2022
Response via : Initial Calibration



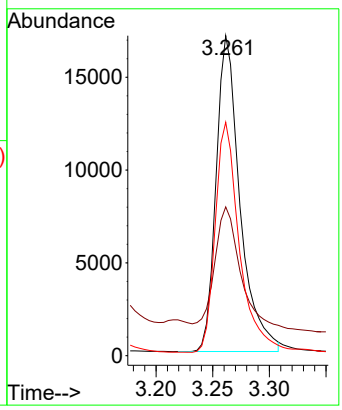


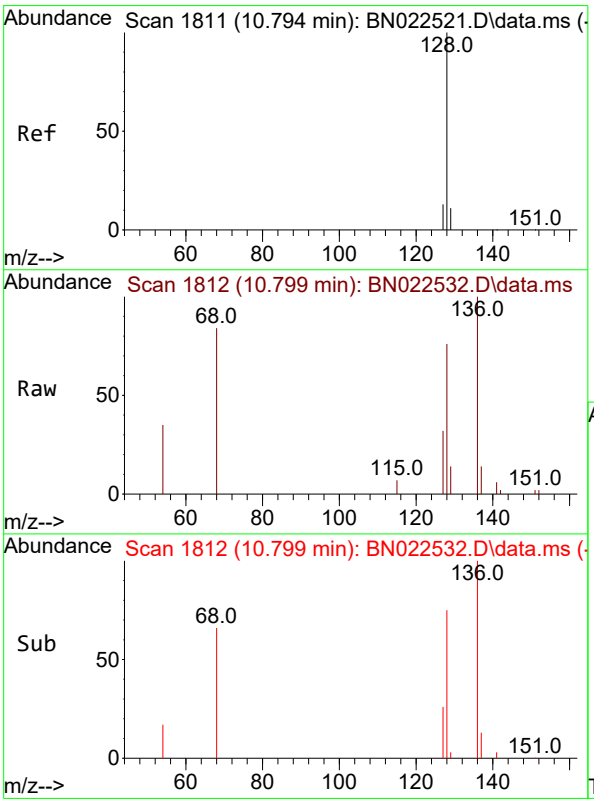

#2
1,4-Dioxane
Concen: 5.674 ng/ul
RT: 3.261 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

**Instrument :**
BNA_N
**ClientSampleId :**
EW4Y2

Tgt Ion: 88 Resp: 24902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 46.5 | 27.4 | 41.2# |
| 58 | 73.0 | 48.2 | 72.2# |

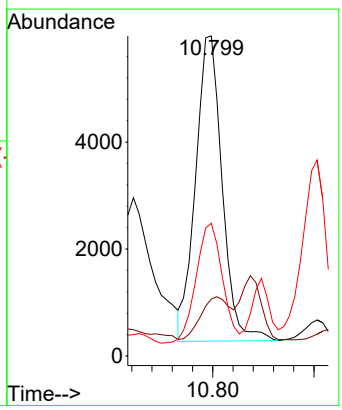


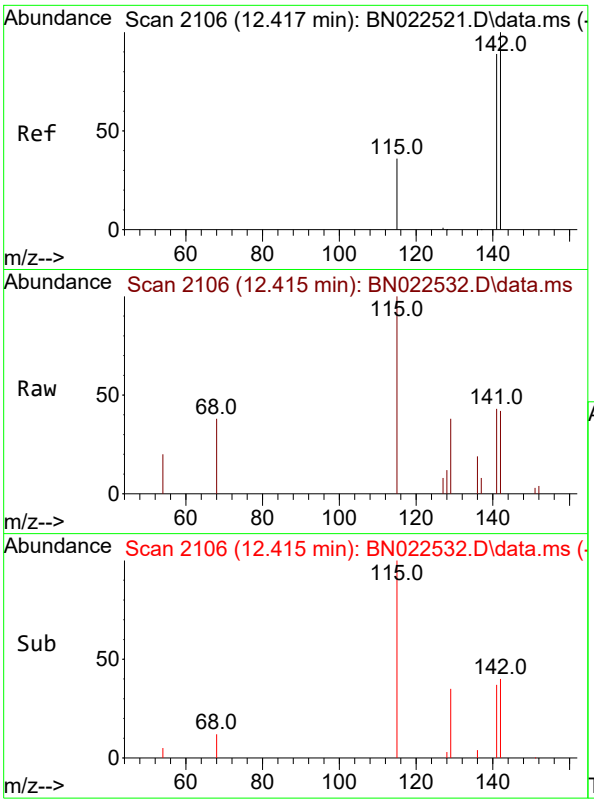




#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.799 min Scan# 1812
Delta R.T. 0.004 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

Tgt Ion:128 Resp: 10401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 17.8 | 9.3 | 13.9# |
| 127 | 41.4 | 10.7 | 16.1# |



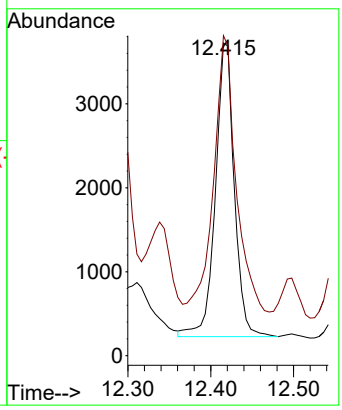


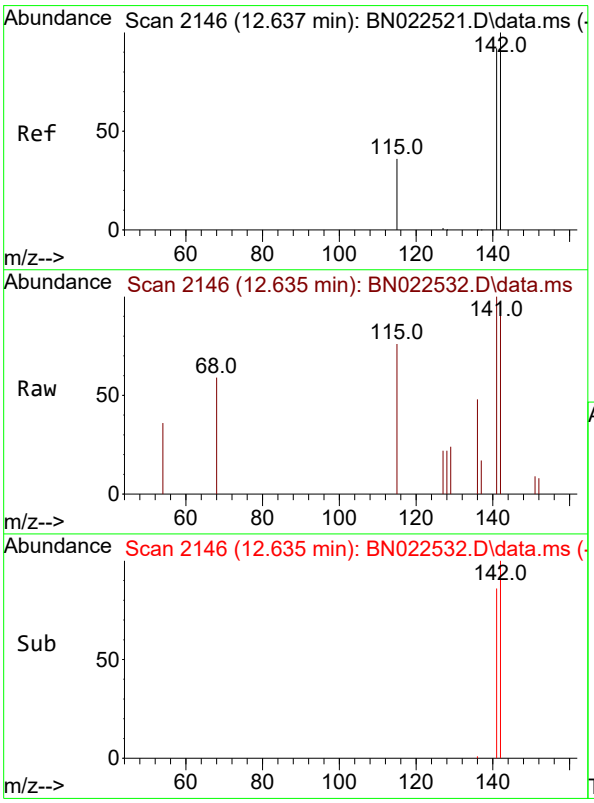

#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.415 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

**Instrument :**
BNA_N
**ClientSampleId :**
EW4Y2

Tgt Ion:142 Resp: 5552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 111.2 | 71.1 | 106.7# |

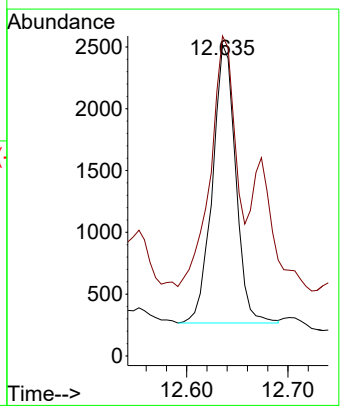


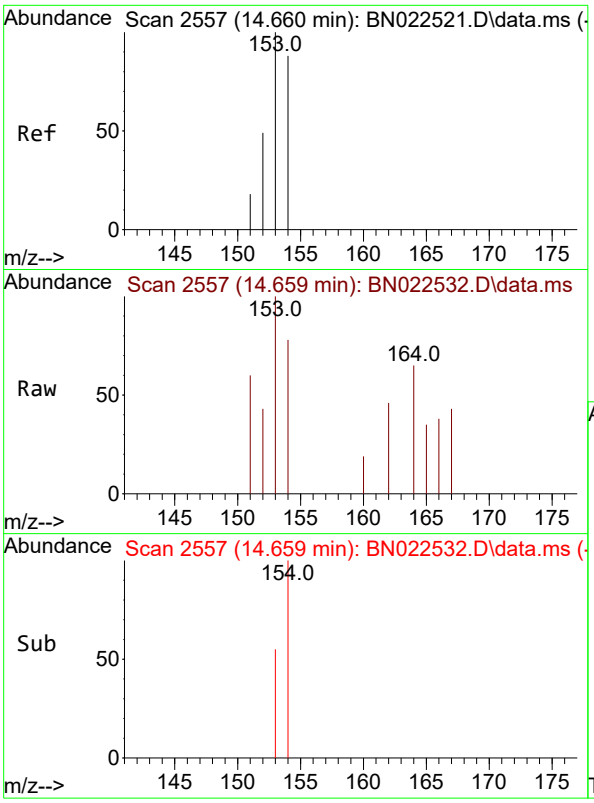




#8
1-Methylnaphthalene
Concen: 0.216 ng/ul
RT: 12.635 min Scan# 2146
Delta R.T. -0.001 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

Tgt Ion:142 Resp: 3600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 97.1 | 73.3 | 109.9 |



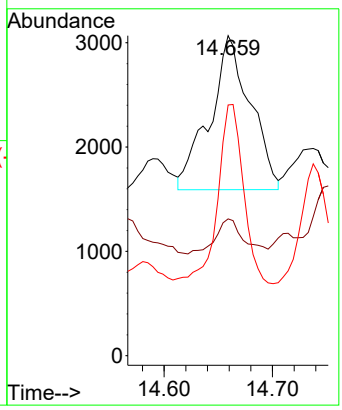


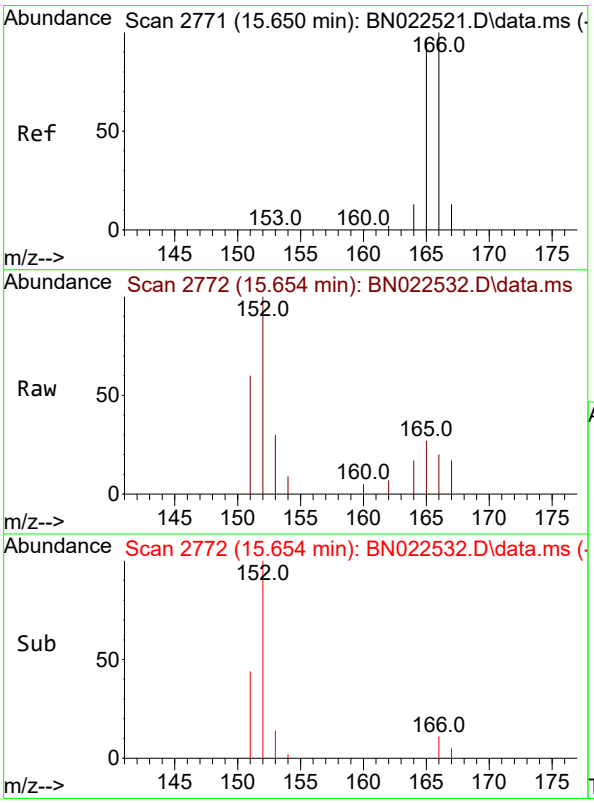

#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.659 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

**Instrument :**
BNA_N
**ClientSampleId :**
EW4Y2

Tgt Ion:153 Resp: 3832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 42.8 | 40.6 | 61.0 |
| 154 | 78.4 | 70.6 | 106.0 |

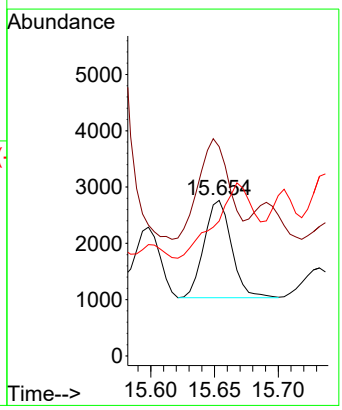


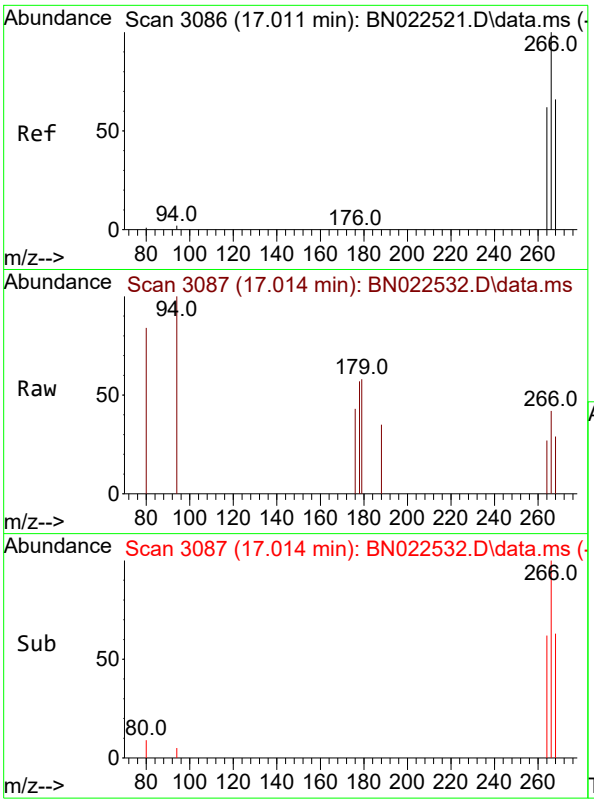




#12
Fluorene
Concen: 0.059 ng/ul
RT: 15.654 min Scan# 2772
Delta R.T. 0.003 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

Tgt Ion:166 Resp: 2591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 134.6 | 78.2 | 117.2# |
| 167 | 86.8 | 11.0 | 16.4# |



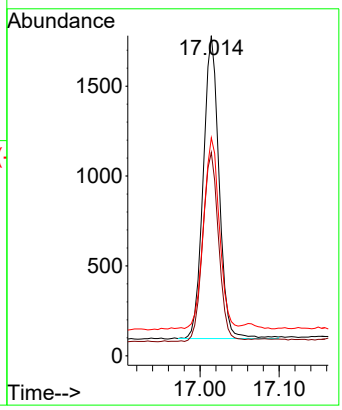


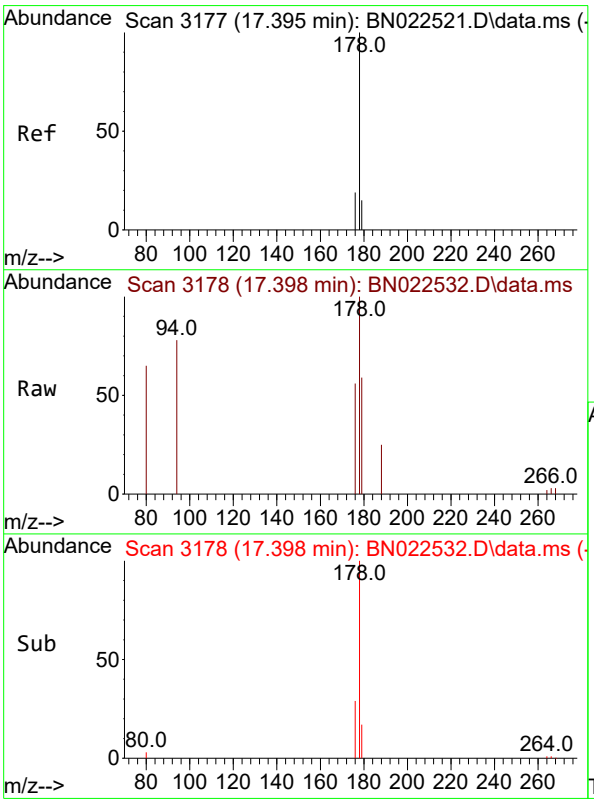

#14
Pentachlorophenol
Concen: 0.750 ng/ul
RT: 17.014 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

**Instrument :**
BNA_N
**ClientSampleId :**
EW4Y2

Tgt Ion:266 Resp: 2332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.3 | 49.8 | 74.6 |
| 268 | 64.8 | 51.4 | 77.2 |

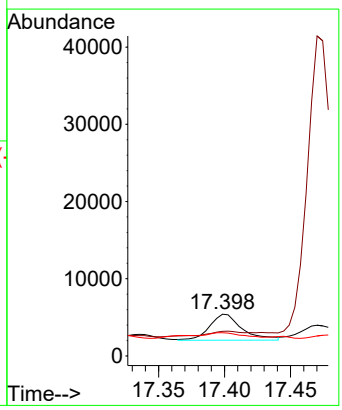


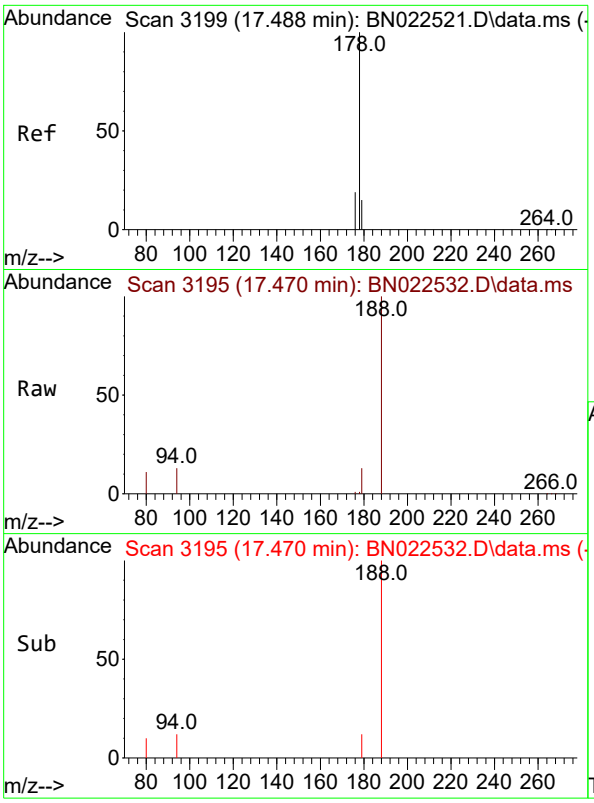




#15
Phenanthrene
Concen: 0.132 ng/ul
RT: 17.398 min Scan# 3178
Delta R.T. 0.003 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

Tgt Ion:178 Resp: 5796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 59.1 | 12.7 | 19.1# |
| 176 | 55.8 | 15.4 | 23.2# |



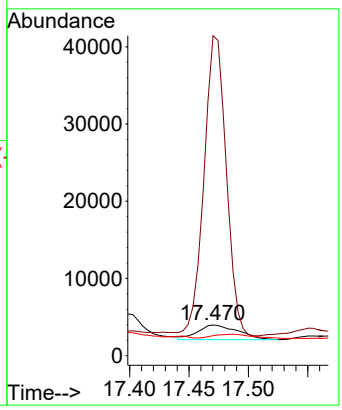


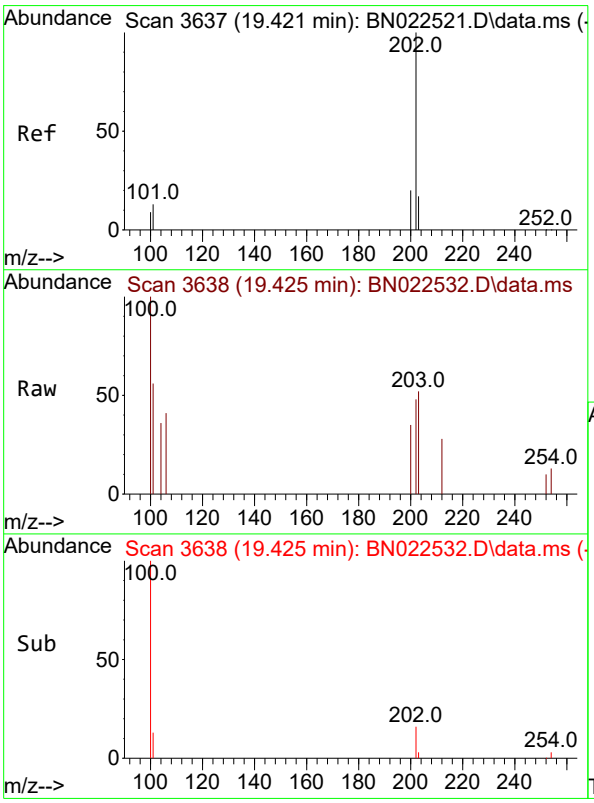

#16
Anthracene
Concen: 0.121 ng/ul
RT: 17.470 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

**Instrument :**
BNA_N
**ClientSampleId :**
EW4Y2

Tgt Ion:178 Resp: 4472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 1040.4 | 12.6 | 18.8# |
| 176 | 65.1 | 15.0 | 22.6# |

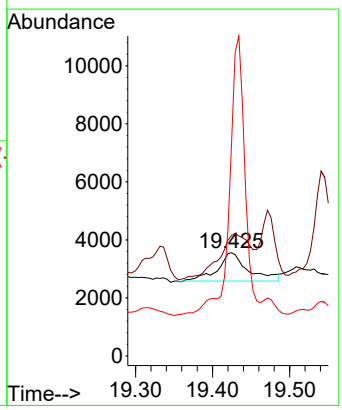


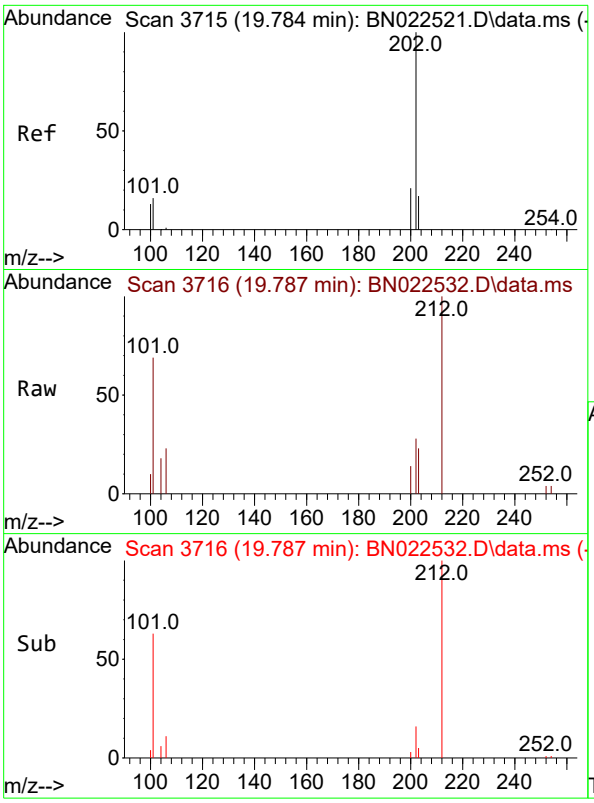




#19
Fluoranthene
Concen: 0.055 ng/ul
RT: 19.425 min Scan# 3638
Delta R.T. 0.003 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

Tgt Ion:202 Resp: 2705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 116.7 | 11.8 | 17.6# |
| 100 | 207.9 | 8.7 | 13.1# |






#20
Pyrene
Concen: 0.094 ng/ul
RT: 19.787 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022532.D
Acq: 07 Nov 2022 18:23

**Instrument :**
BNA_N
**ClientSampleId :**
EW4Y2

Tgt Ion:202 Resp: 4661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 246.3 | 13.1 | 19.7# |
| 100 | 37.1 | 10.6 | 16.0# |