Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024211.D
Acq On : 09 Mar 2023 22:09
Operator : CG/JU
Sample : 01746-07DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE1DL

Quant Time: Mar 10 02:25:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 08:02:24 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.055 | 152 | 8499 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.872 | 136 | 25958 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.689 | 164 | 14663 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.430 | 188 | 30417 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.618 | 240 | 20759 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.114 | 264 | 18183 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.405 | 96 | 3851 | 0.412 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.451 | 152 | 2303 | 0.075 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.455 | 212 | 5204 | 0.094 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.922 | 128 | 345440 | 5.331 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.528 | 142 | 11168 | 0.284 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.742 | 142 | 34705 | 0.840 | ng/ul | 100 |
| 10) Acenaphthylene | 14.407 | 152 | 19240 | 0.314 | ng/ul | 98 |
| 11) Acenaphthene | 14.749 | 153 | 326244 | 6.922 | ng/ul | 98 |
| 12) Fluorene | 15.734 | 166 | 65826 | 1.251 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.076 | 266 | 3587 | 0.425 | ng/ul# | 73 |
| 15) Phenanthrene | 17.472 | 178 | 62839 | 0.721 | ng/ul | 100 |
| 16) Anthracene | 17.565 | 178 | 9122 | 0.119 | ng/ul | 96 |
| 19) Fluoranthene | 19.483 | 202 | 4854 | 0.059 | ng/ul# | 93 |
| 20) Pyrene | 19.845 | 202 | 3510 | 0.042 | ng/ul# | 84 |
| 26) Benzo(a)pyrene | 23.951 | 252 | 1606 | 0.027 | ng/ul# | 17 |

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

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**Instrument :**
BNA_N
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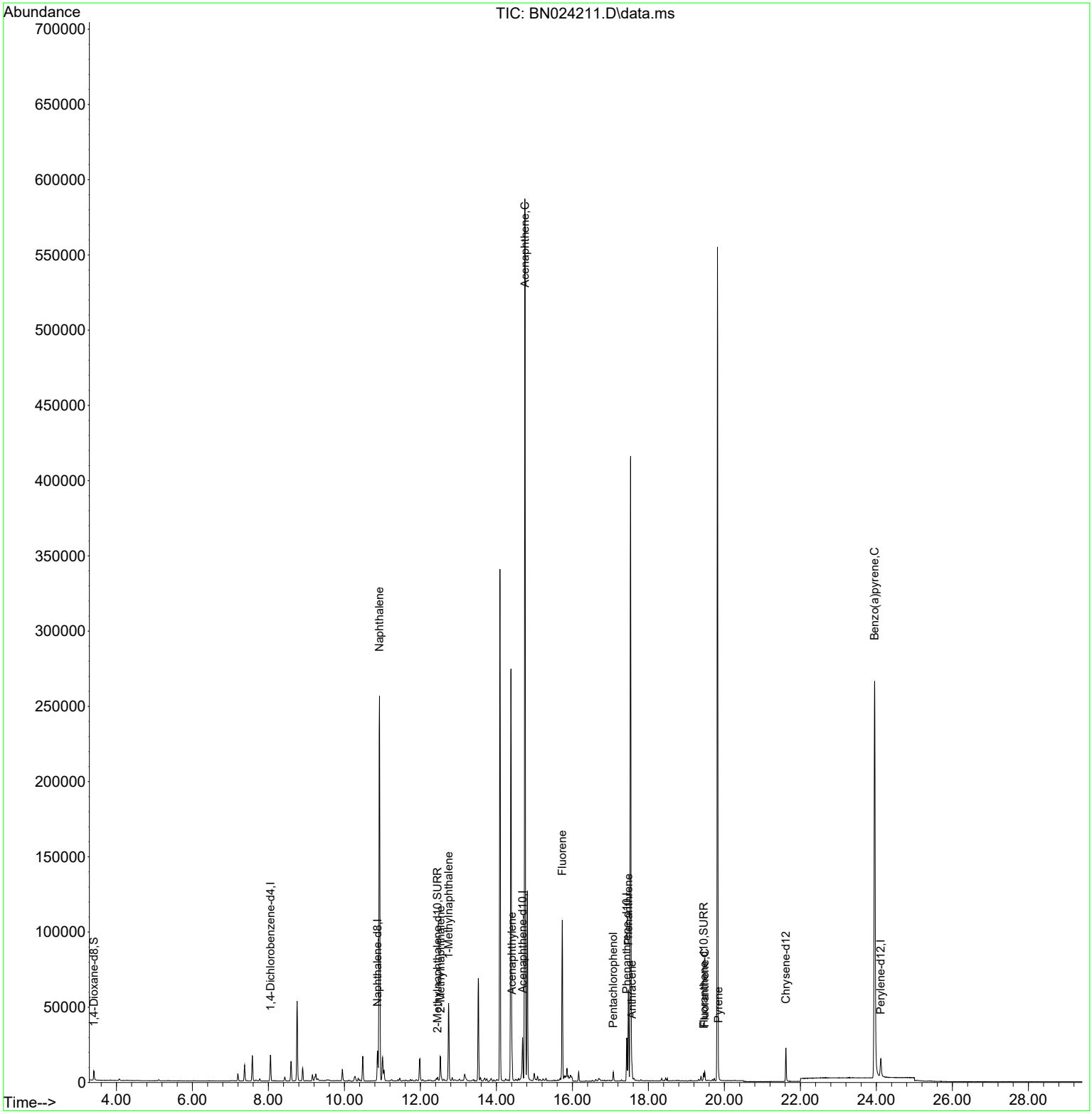
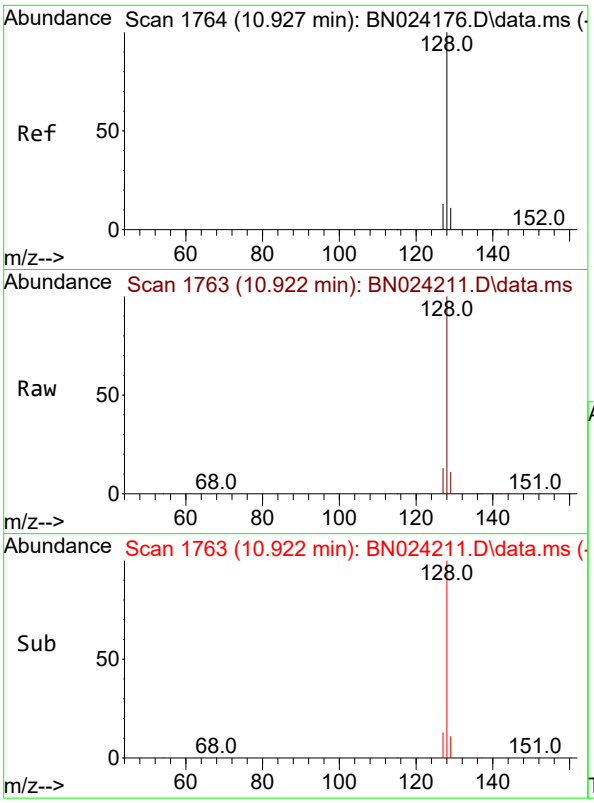


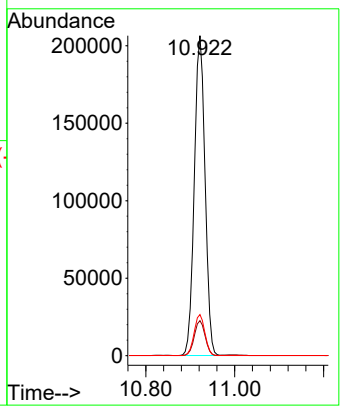


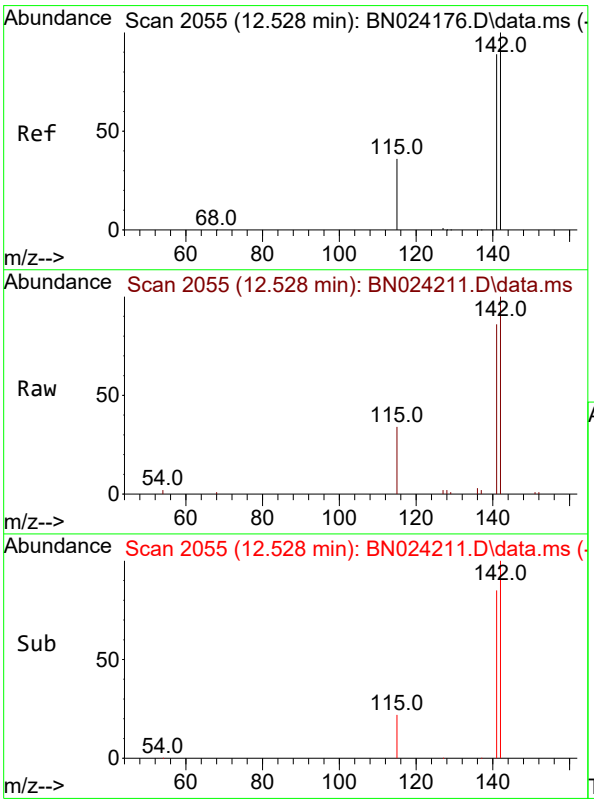

#5
Naphthalene
Concen: 5.331 ng/ul
RT: 10.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE1DL

Tgt Ion:128 Resp: 345440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.6 |
| 127 | 12.8 | 10.5 | 15.7 |

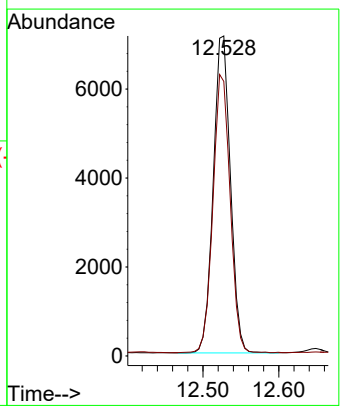


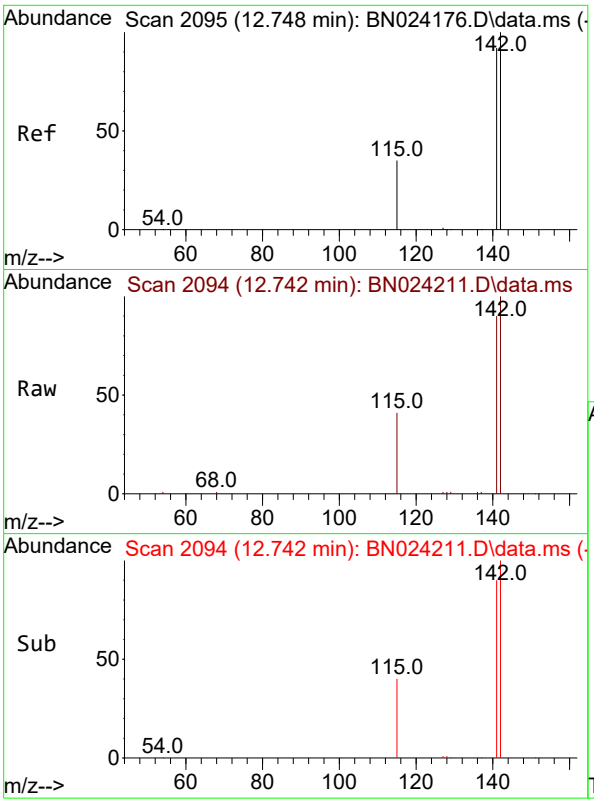




#7
2-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

Tgt Ion:142 Resp: 11168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 70.3 | 105.5 |



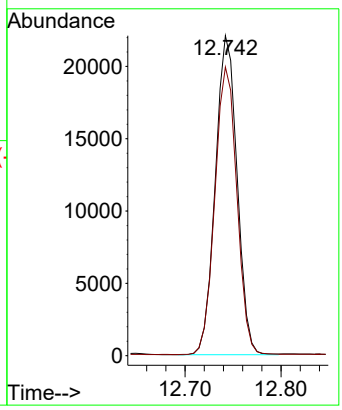


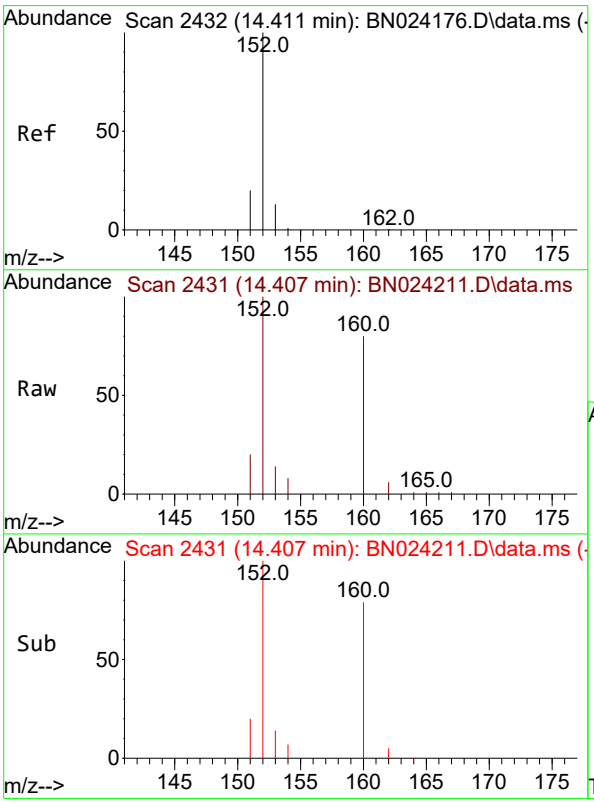

#8
1-Methylnaphthalene
Concen: 0.840 ng/ul
RT: 12.742 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE1DL

Tgt Ion:142 Resp: 34705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 73.0 | 109.6 |

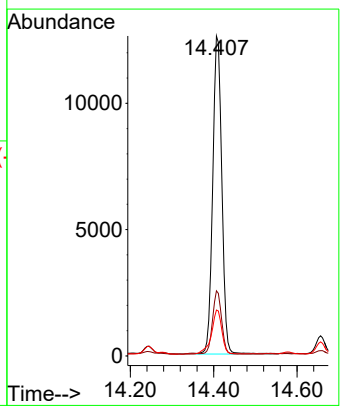


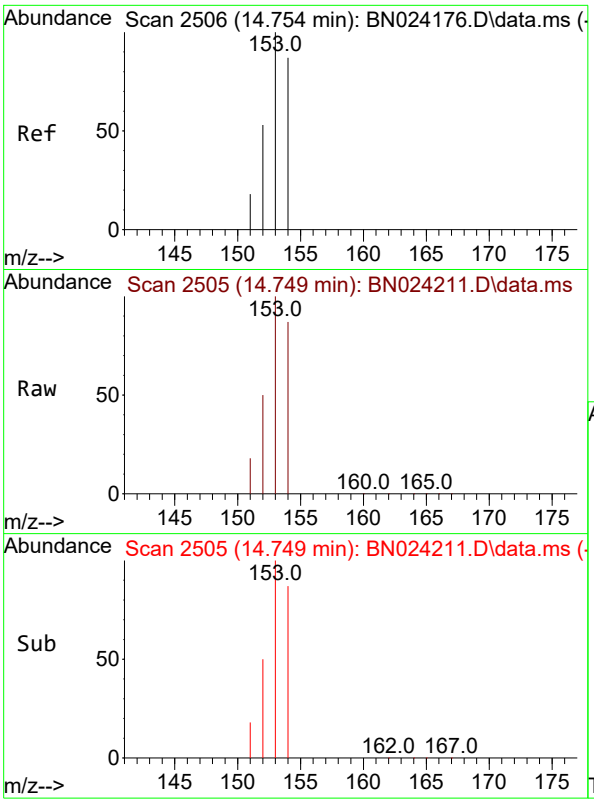




#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

Tgt Ion:152 Resp: 19240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 15.9 | 23.9 |
| 153 | 14.4 | 10.6 | 16.0 |



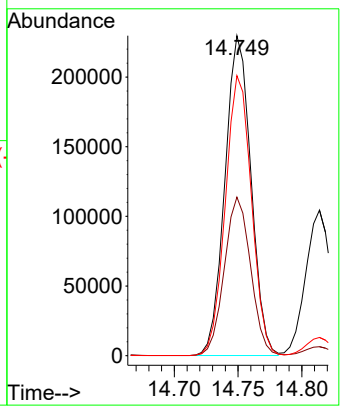


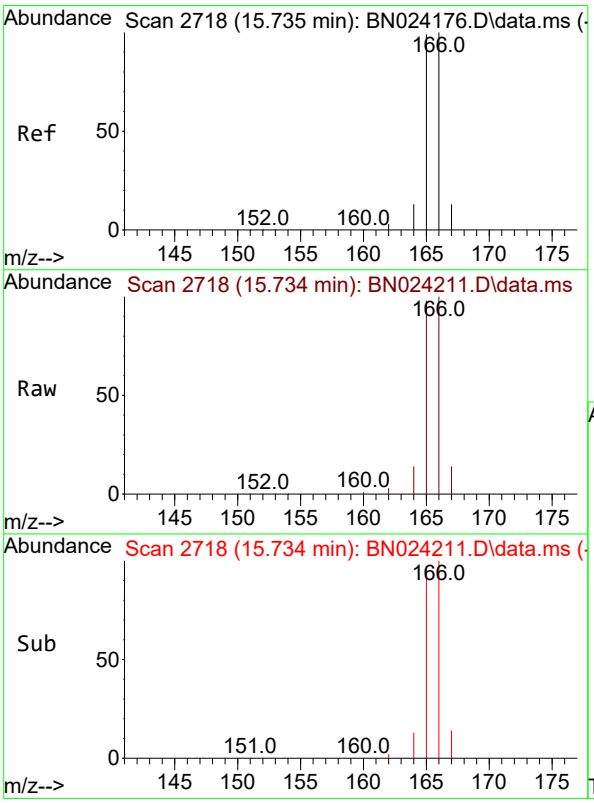

#11
Acenaphthene
Concen: 6.922 ng/ul
RT: 14.749 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE1DL

Tgt Ion:153 Resp: 326244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 49.5 | 42.6 | 64.0 |
| 154 | 87.5 | 70.6 | 105.8 |

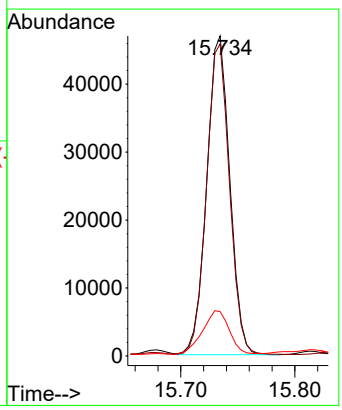


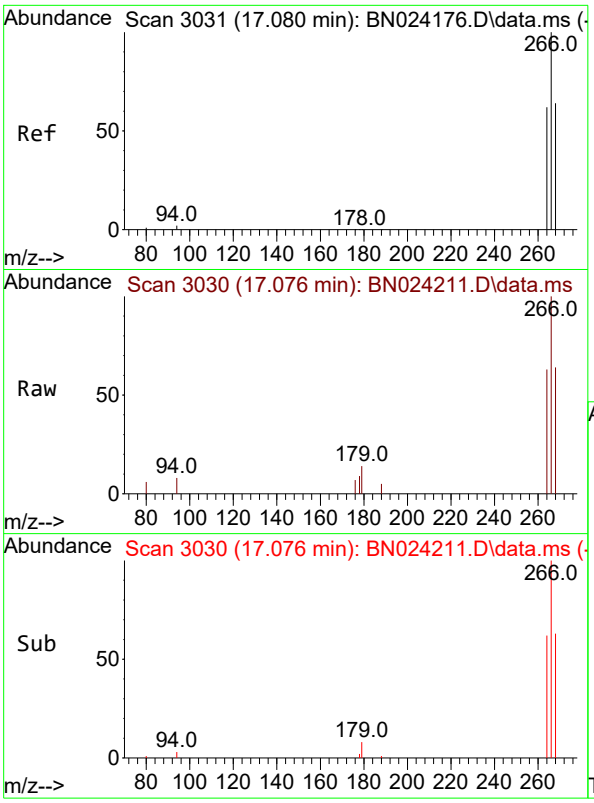




#12
Fluorene
Concen: 1.251 ng/ul
RT: 15.734 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

Tgt Ion:166 Resp: 65826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.6 | 77.4 | 116.0 |
| 167 | 13.9 | 10.9 | 16.3 |



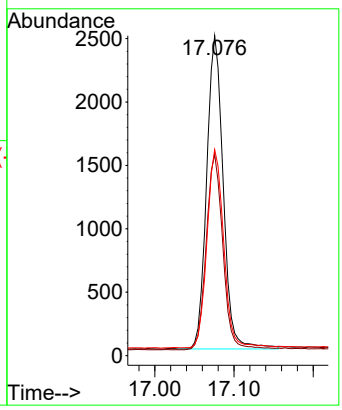


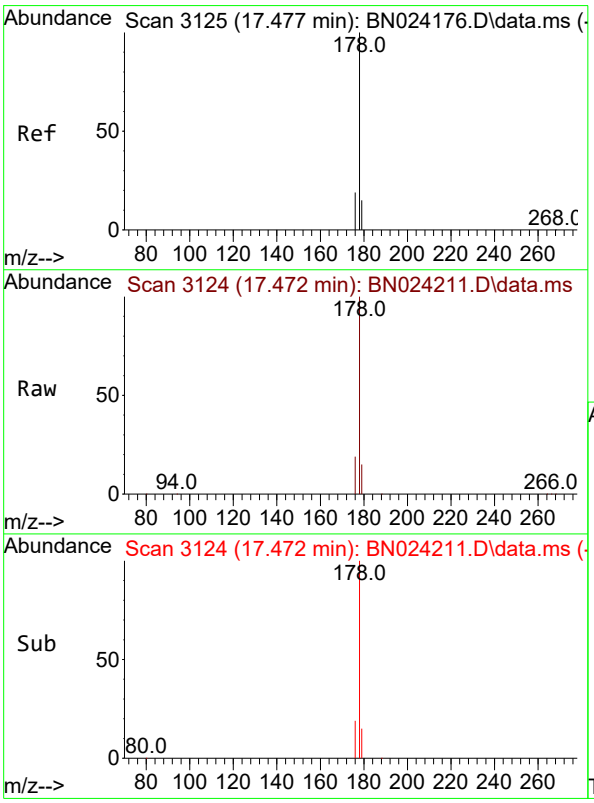

#14
Pentachlorophenol
Concen: 0.425 ng/ul
RT: 17.076 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE1DL

Tgt Ion:266 Resp: 3587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.6 | 0.0 | 0.0# |
| 268 | 63.7 | 0.1 | 0.1# |

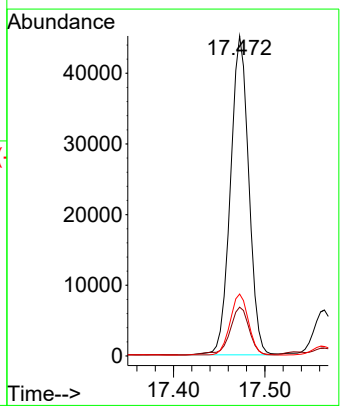


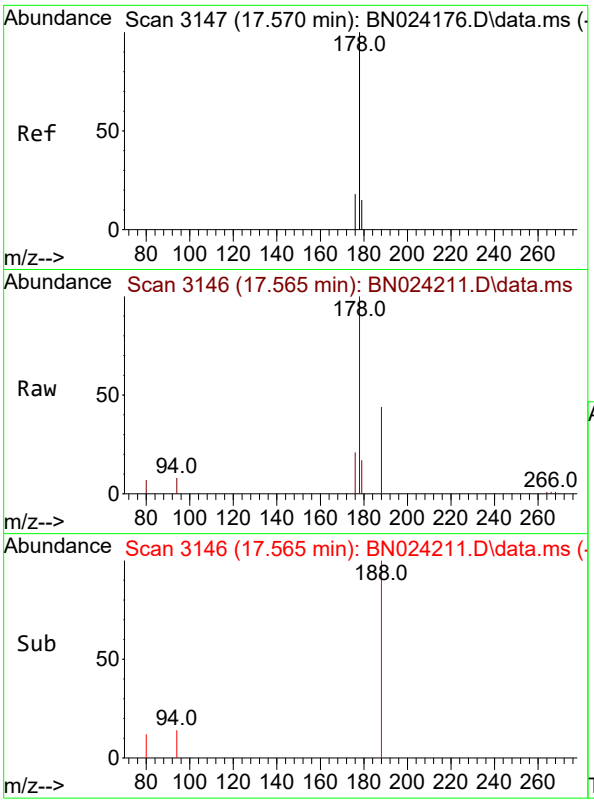




#15
Phenanthrene
Concen: 0.721 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

Tgt Ion:178 Resp: 62839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.2 | 12.2 | 18.2 |
| 176 | 19.3 | 15.7 | 23.5 |



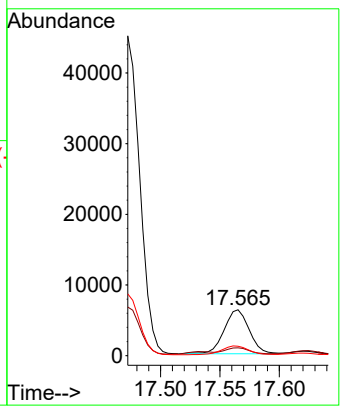


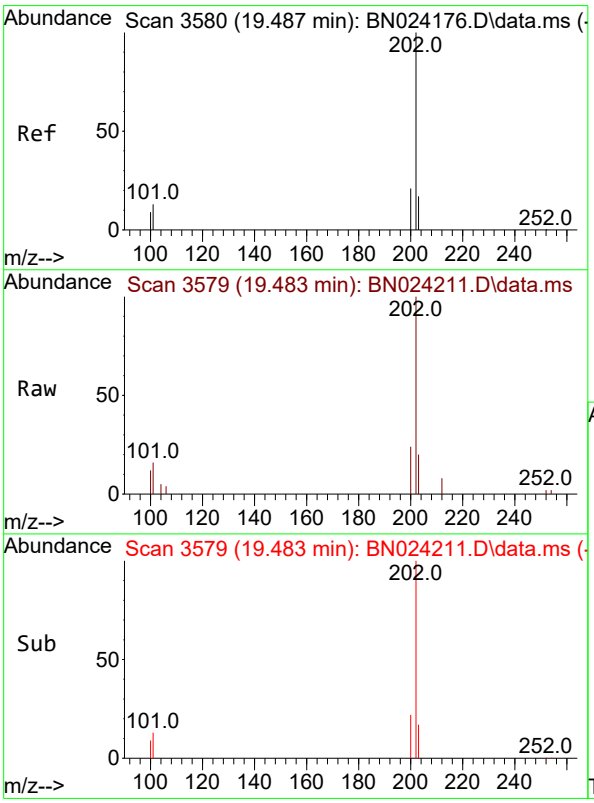

#16
Anthracene
Concen: 0.119 ng/ul
RT: 17.565 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE1DL

Tgt Ion:178 Resp: 9122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 17.2 | 12.3 | 18.5 |
| 176 | 20.6 | 15.3 | 22.9 |

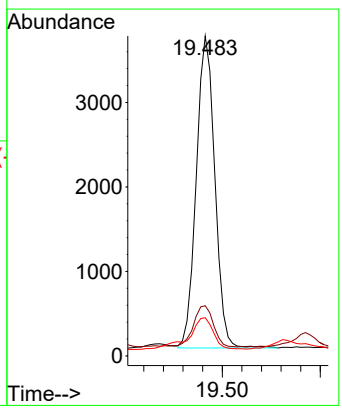


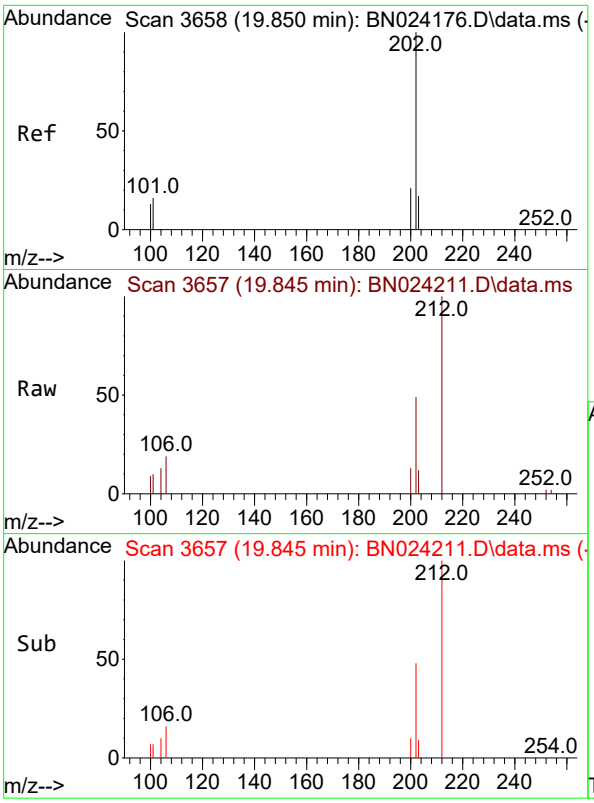




#19
Fluoranthene
Concen: 0.059 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

Tgt Ion:202 Resp: 4854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.7 | 10.4 | 15.6# |
| 100 | 12.0 | 7.7 | 11.5# |



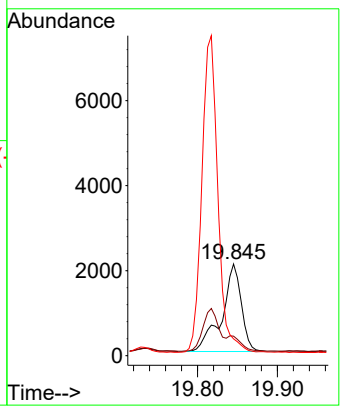


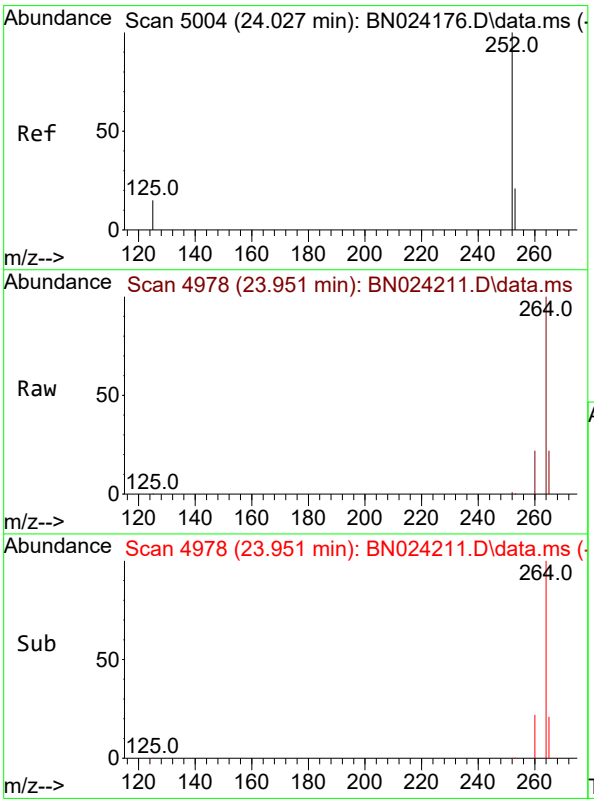

#20
Pyrene
Concen: 0.042 ng/ul
RT: 19.845 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE1DL

Tgt Ion:202 Resp: 3510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 21.3 | 12.1 | 18.1# |
| 100 | 18.4 | 9.4 | 14.0# |




#26
Benzo(a)pyrene
Concen: 0.027 ng/ul
RT: 23.951 min Scan# 4978
Delta R.T. -0.053 min
Lab File: BN024211.D
Acq: 09 Mar 2023 22:09

Tgt Ion:252 Resp: 1606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 58.2 | 19.2 | 28.8# |
| 125 | 65.7 | 15.8 | 23.6# |