Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024240.D
Acq On : 10 Mar 2023 17:08
Operator : CG/JU
Sample : 01746-16DL 5X
Misc :
ALS Vial : 81 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DCAF5DL

Quant Time: Mar 11 00:09:08 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 : Fri Mar 10 03:43:59 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.051 | 152 | 8889 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.872 | 136 | 27274 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.684 | 164 | 16418 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.430 | 188 | 32719 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.618 | 240 | 21090 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.135 | 264 | 16755 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.406 | 96 | 3746 | 0.383 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.451 | 152 | 2301 | 0.071 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.455 | 212 | 4877 | 0.087 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.927 | 128 | 10083500 | 148.118 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.522 | 142 | 752425 | 18.218 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.742 | 142 | 495948 | 11.426 | ng/ul | 100 |
| 10) Acenaphthylene | 14.407 | 152 | 76374 | 1.115 | ng/ul | 98 |
| 11) Acenaphthene | 14.749 | 153 | 662830 | 12.560 | ng/ul | 97 |
| 12) Fluorene | 15.730 | 166 | 317266 | 5.383 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.076 | 266 | 77549 | 8.533 | ng/ul# | 73 |
| 15) Phenanthrene | 17.472 | 178 | 398662 | 4.254 | ng/ul | 100 |
| 16) Anthracene | 17.561 | 178 | 30236 | 0.368 | ng/ul | 98 |
| 19) Fluoranthene | 19.483 | 202 | 13147 | 0.157 | ng/ul | 97 |
| 20) Pyrene | 19.845 | 202 | 6147 | 0.072 | ng/ul# | 88 |
| 26) Benzo(a)pyrene | 23.974 | 252 | 1382 | 0.025 | ng/ul# | 2 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
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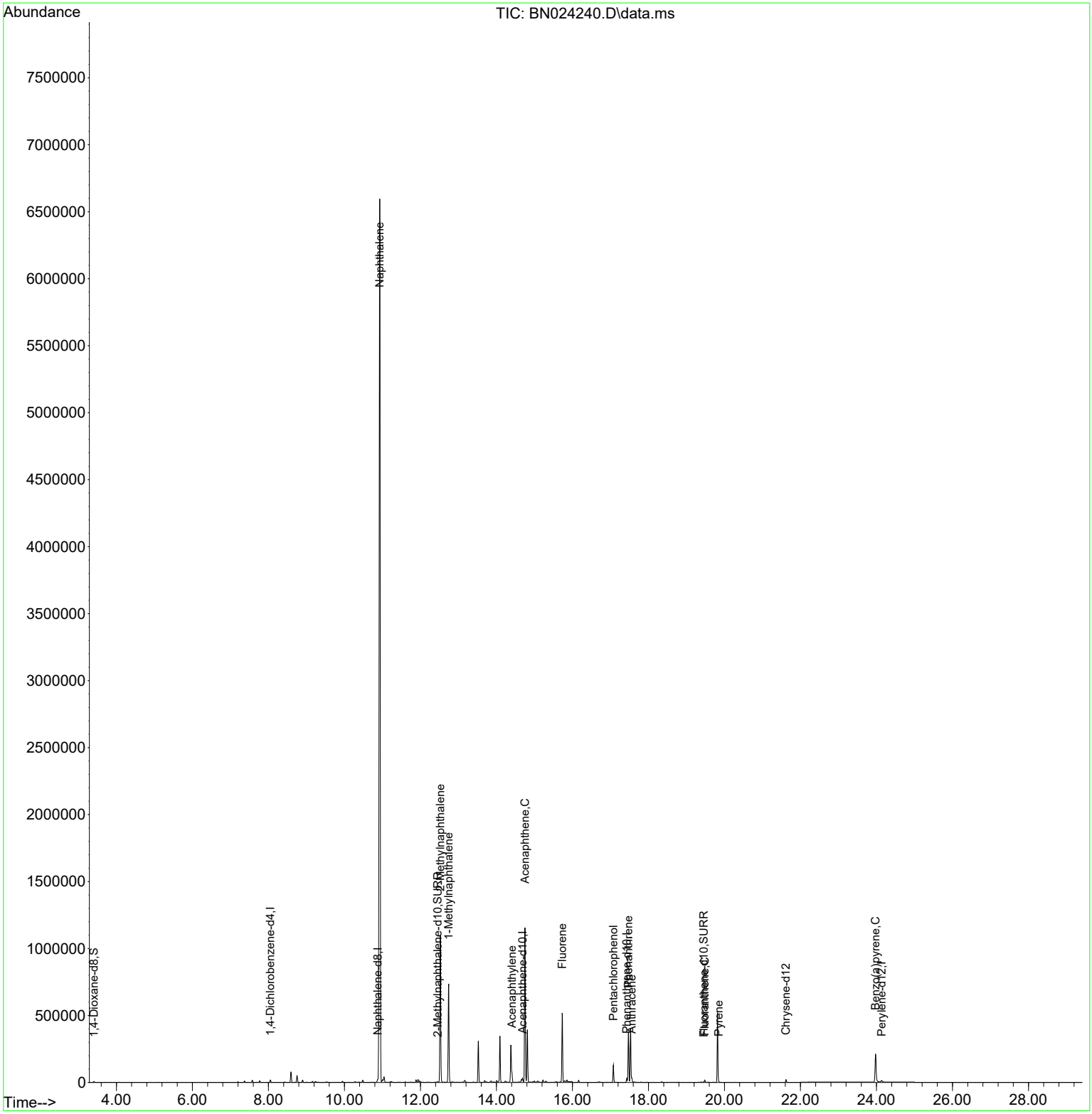
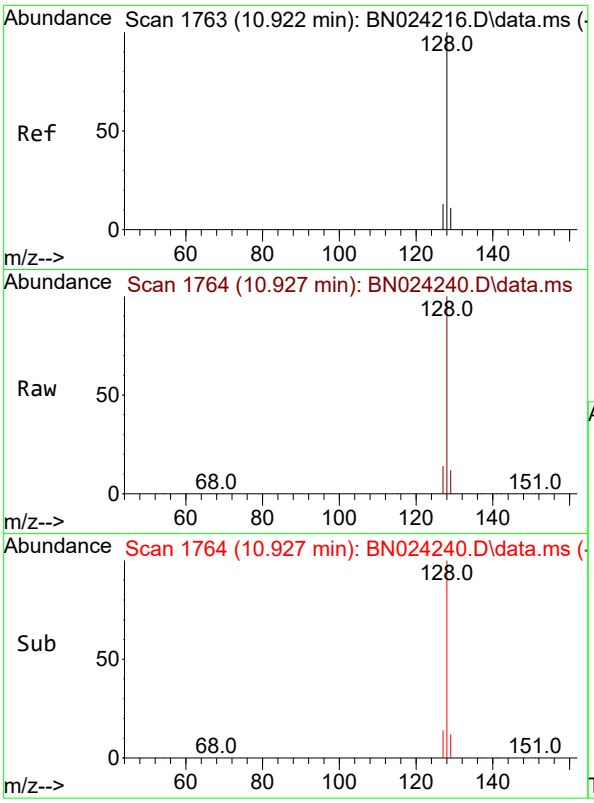
Operator : CG/JU
Sample : 01746-16DL 5X
Misc :
ALS Vial : 81 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DCAF5DL

Quant Time: Mar 11 00:09:08 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 : Fri Mar 10 03:43:59 2023
Response via : Initial Calibration



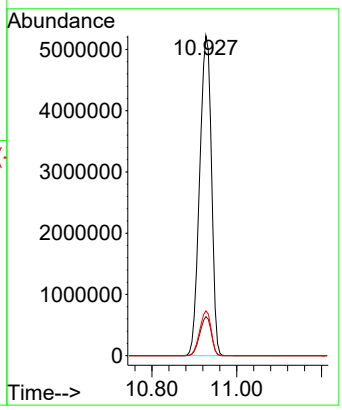


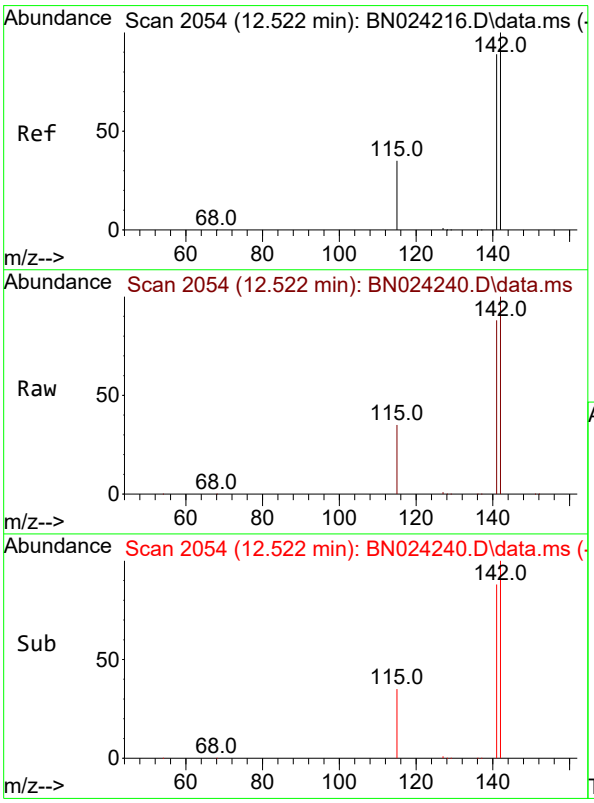

#5
Naphthalene
Concen: 148.118 ng/ul
RT: 10.927 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

**Instrument :**
BNA_N
**ClientSampleId :**
DCAF5DL

Tgt Ion:128 Resp:10083500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.2 | 9.0 | 13.6 |
| 127 | 14.0 | 10.5 | 15.7 |

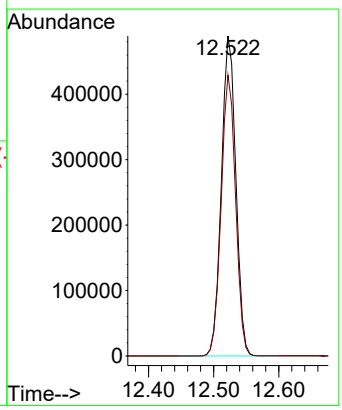


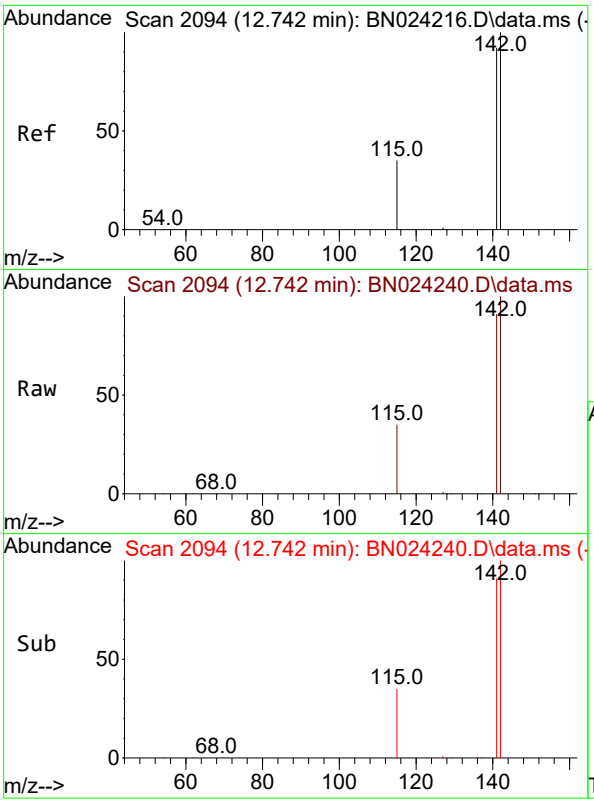




#7
2-Methylnaphthalene
Concen: 18.218 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

Tgt Ion:142 Resp: 752425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 70.3 | 105.5 |



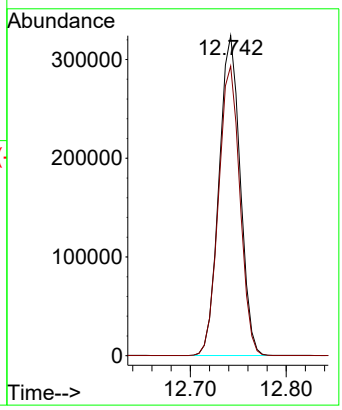


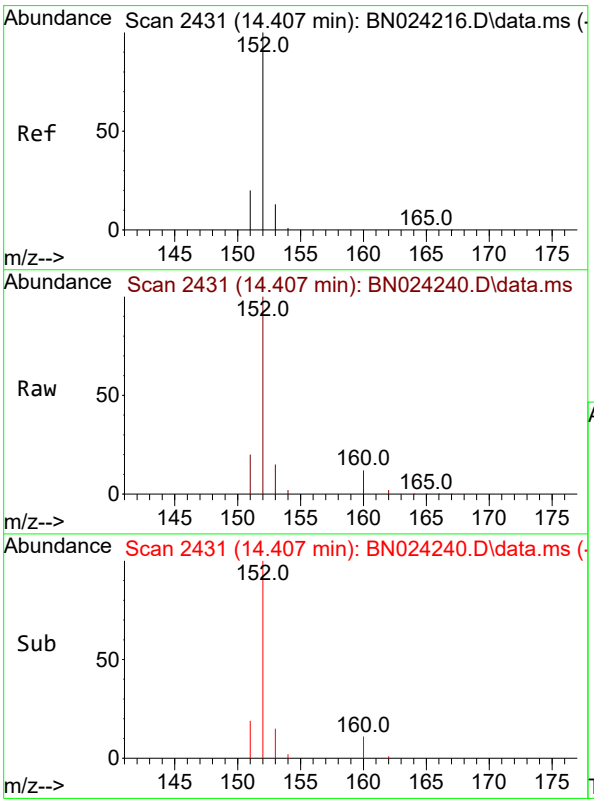

#8
1-Methylnaphthalene
Concen: 11.426 ng/ul
RT: 12.742 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

**Instrument :**
BNA_N
**ClientSampleId :**
DCAF5DL

Tgt Ion:142 Resp: 495948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.1 | 73.0 | 109.6 |

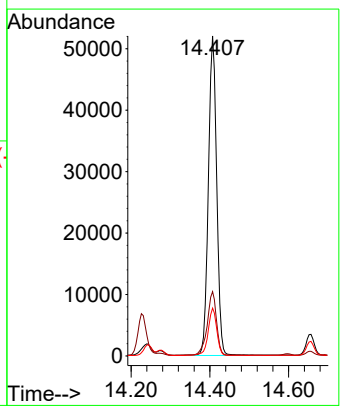


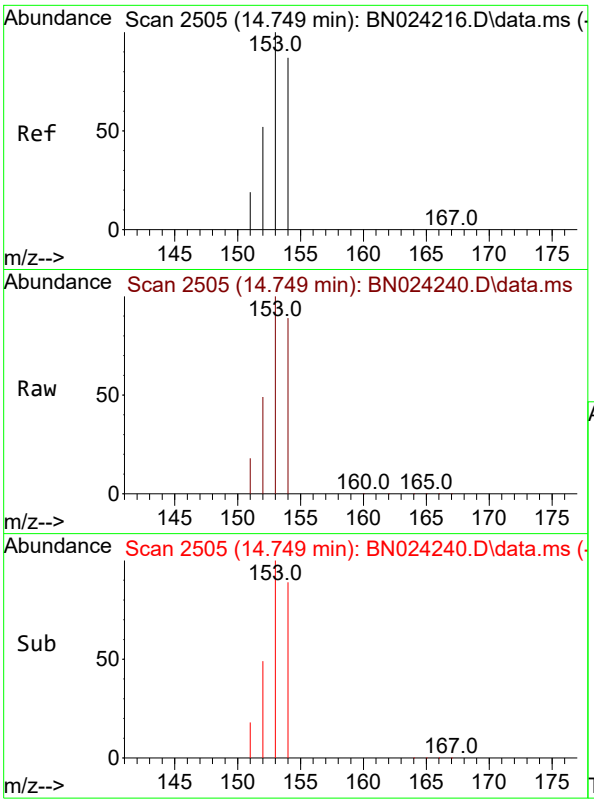




#10
Acenaphthylene
Concen: 1.115 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

Tgt Ion:152 Resp: 76374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 15.9 | 23.9 |
| 153 | 14.9 | 10.6 | 16.0 |



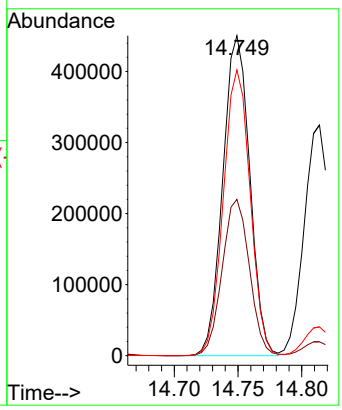


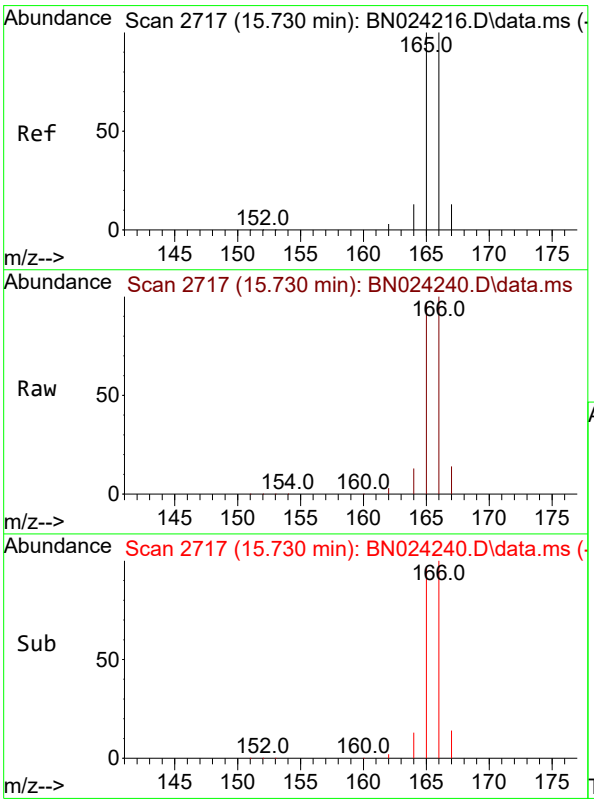

#11
Acenaphthene
Concen: 12.560 ng/ul
RT: 14.749 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

**Instrument :**
BNA_N
**ClientSampleId :**
DCAF5DL

Tgt Ion:153 Resp: 662830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 48.9 | 42.6 | 64.0 |
| 154 | 89.3 | 70.6 | 105.8 |

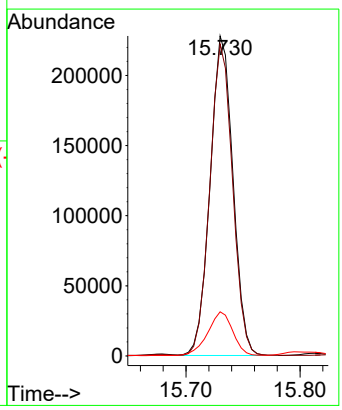


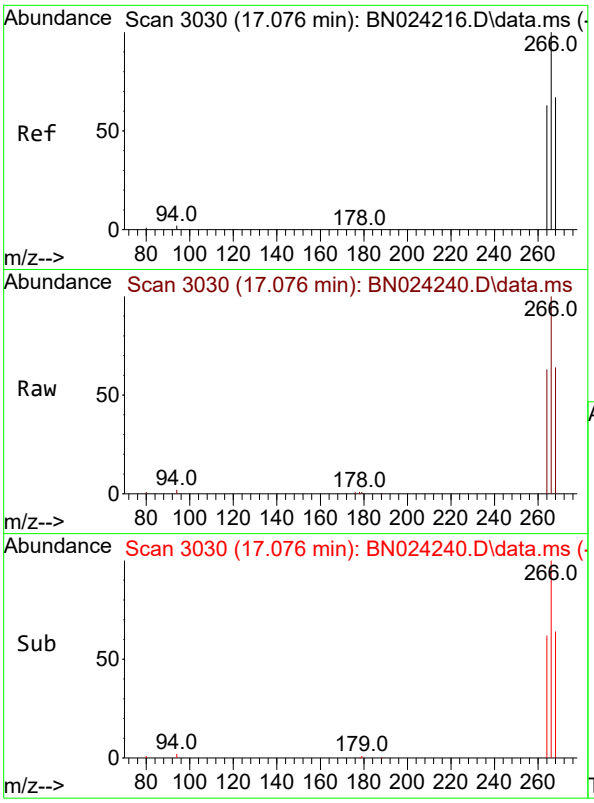




#12
Fluorene
Concen: 5.383 ng/ul
RT: 15.730 min Scan# 2717
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

Tgt Ion:166 Resp: 317266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.5 | 77.4 | 116.0 |
| 167 | 13.8 | 10.9 | 16.3 |



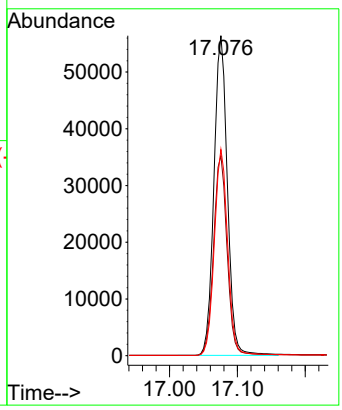


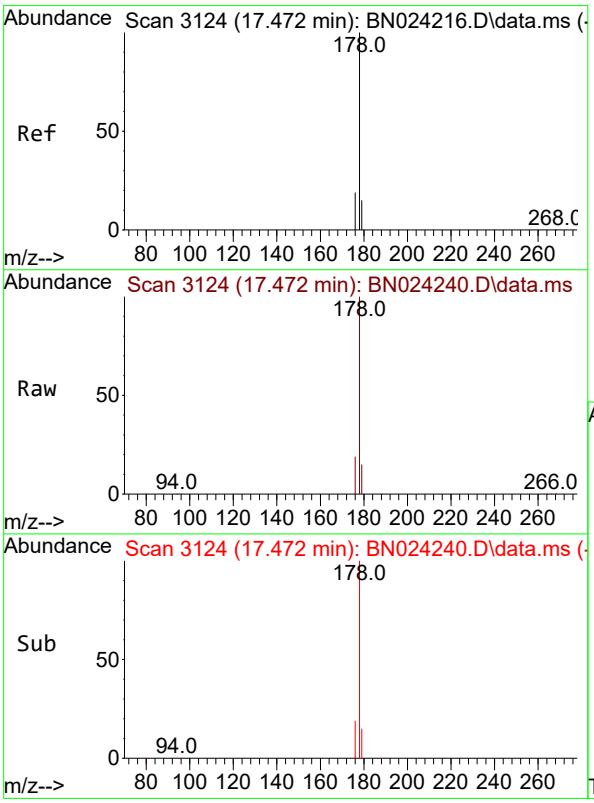

#14
Pentachlorophenol
Concen: 8.533 ng/ul
RT: 17.076 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

**Instrument :**
BNA_N
**ClientSampleId :**
DCAF5DL

Tgt Ion:266 Resp: 77549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.8 | 0.0 | 0.0# |
| 268 | 64.1 | 0.1 | 0.1# |

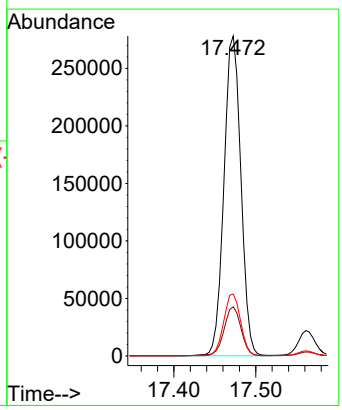


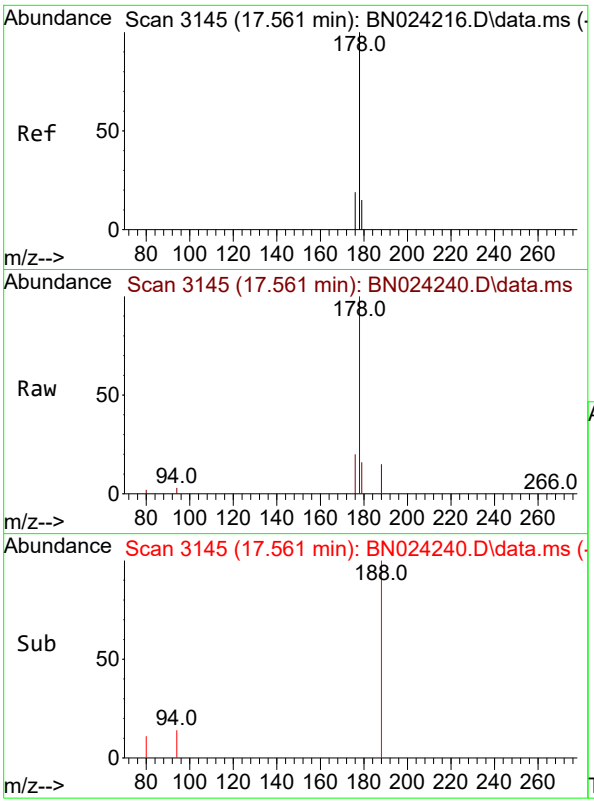




#15
Phenanthrene
Concen: 4.254 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

Tgt Ion:178 Resp: 398662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.4 | 12.2 | 18.2 |
| 176 | 19.4 | 15.7 | 23.5 |



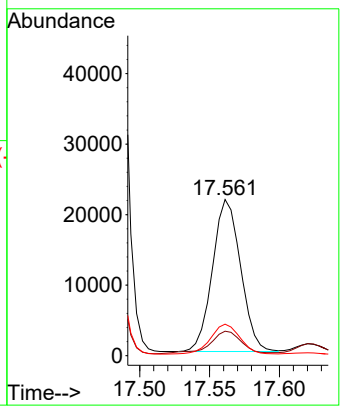


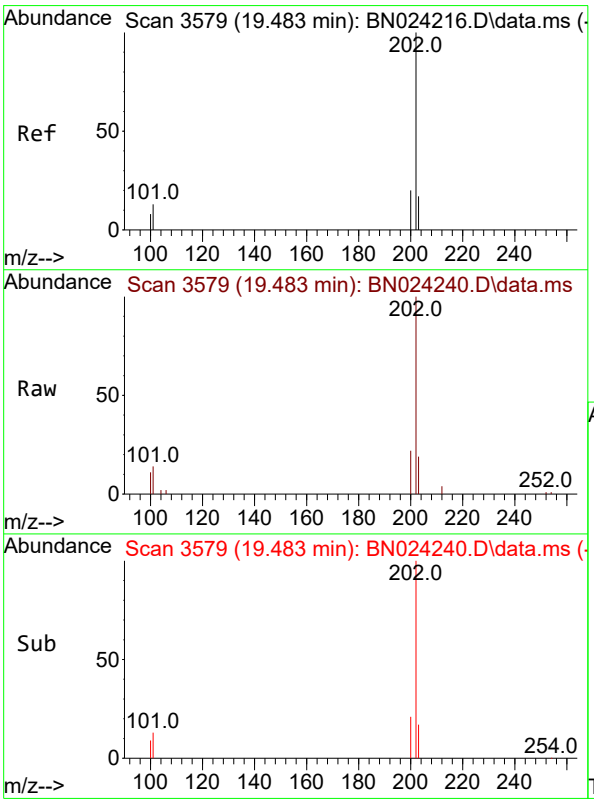

#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.561 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

**Instrument :**
BNA_N
**ClientSampleId :**
DCAF5DL

Tgt Ion:178 Resp: 30236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 12.3 | 18.5 |
| 176 | 20.2 | 15.3 | 22.9 |

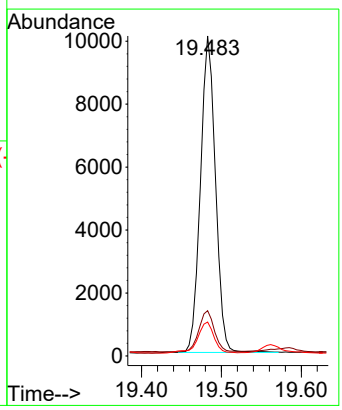


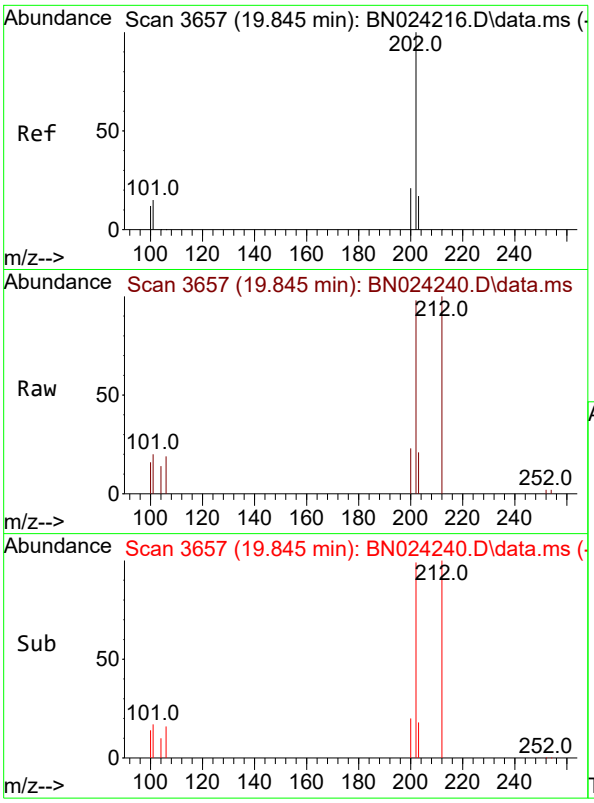




#19
Fluoranthene
Concen: 0.157 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

Tgt Ion:202 Resp: 13147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.2 | 10.4 | 15.6 |
| 100 | 10.6 | 7.7 | 11.5 |



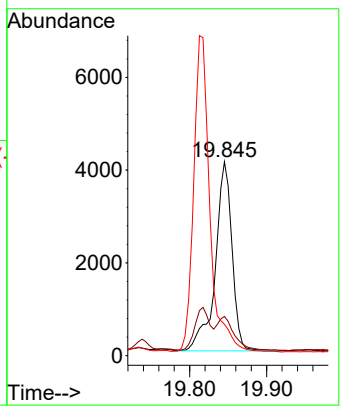


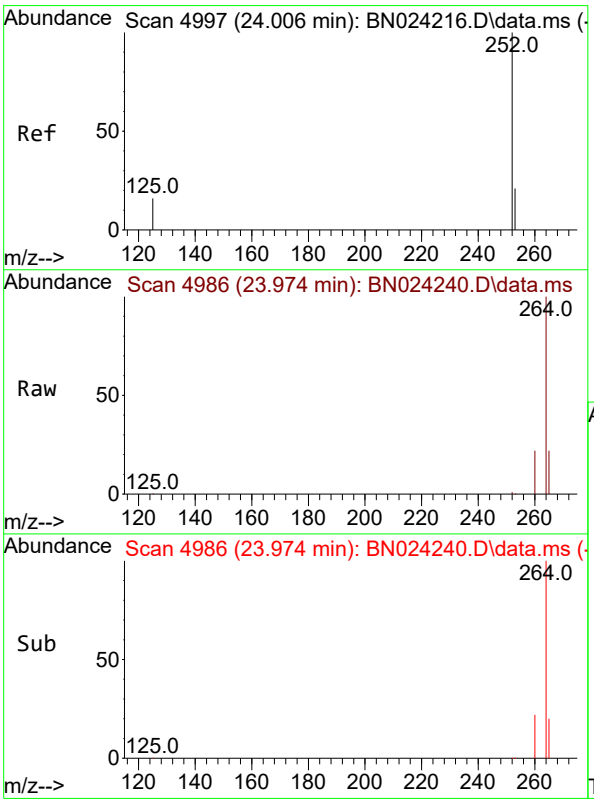

#20
Pyrene
Concen: 0.072 ng/ul
RT: 19.845 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

**Instrument :**
BNA_N
**ClientSampleId :**
DCAF5DL

Tgt Ion:202 Resp: 6147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 20.2 | 12.1 | 18.1# |
| 100 | 16.2 | 9.4 | 14.0# |




#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.974 min Scan# 4986
Delta R.T. -0.032 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

Tgt Ion:252 Resp: 1382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 63.1 | 19.2 | 28.8# |
| 125 | 75.1 | 15.8 | 23.6# |