Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024235.D
Acq On : 10 Mar 2023 13:57
Operator : CG/JU
Sample : 01746-06RE
Misc :
ALS Vial : 76 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE0

Quant Time: Mar 11 00:08:21 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 | 8.050 | 152 | 6625 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.867 | 136 | 20375 | 0.400 | ng/ul | | 0.00 |
| 9) Acenaphthene-d10 | 14.684 | 164 | 11959 | 0.400 | ng/ul | # | 0.00 |
| 13) Phenanthrene-d10 | 17.430 | 188 | 24857 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.618 | 240 | 19813 | 0.400 | ng/ul | | 0.00 |
| 23) Perylene-d12 | 24.135 | 264 | 19933 | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.401 | 96 | 29273 | 4.015 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.450 | 152 | 7038 | 0.291 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.450 | 212 | 19359 | 0.367 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.435 | 88 | 218 | 0.027 | ng/ul | # | 34 |
| 5) Naphthalene | 10.916 | 128 | 28627 | 0.563 | ng/ul | | 100 |
| 7) 2-Methylnaphthalene | 12.522 | 142 | 4389 | 0.142 | ng/ul | | 100 |
| 8) 1-Methylnaphthalene | 12.742 | 142 | 3811 | 0.118 | ng/ul | | 96 |
| 11) Acenaphthene | 14.749 | 153 | 7052 | 0.183 | ng/ul | | 99 |
| 12) Fluorene | 15.730 | 166 | 2874 | 0.067 | ng/ul | # | 93 |
| 14) Pentachlorophenol | 17.075 | 266 | 3226 | 0.467 | ng/ul | # | 72 |
| 15) Phenanthrene | 17.472 | 178 | 3829 | 0.054 | ng/ul | # | 90 |
| 20) Pyrene | 19.817 | 202 | 4048 | 0.051 | ng/ul | # | 1 |
| 26) Benzo(a)pyrene | 23.974 | 252 | 6170 | 0.094 | ng/ul | # | 61 |

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

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Misc :
ALS Vial : 76 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE0

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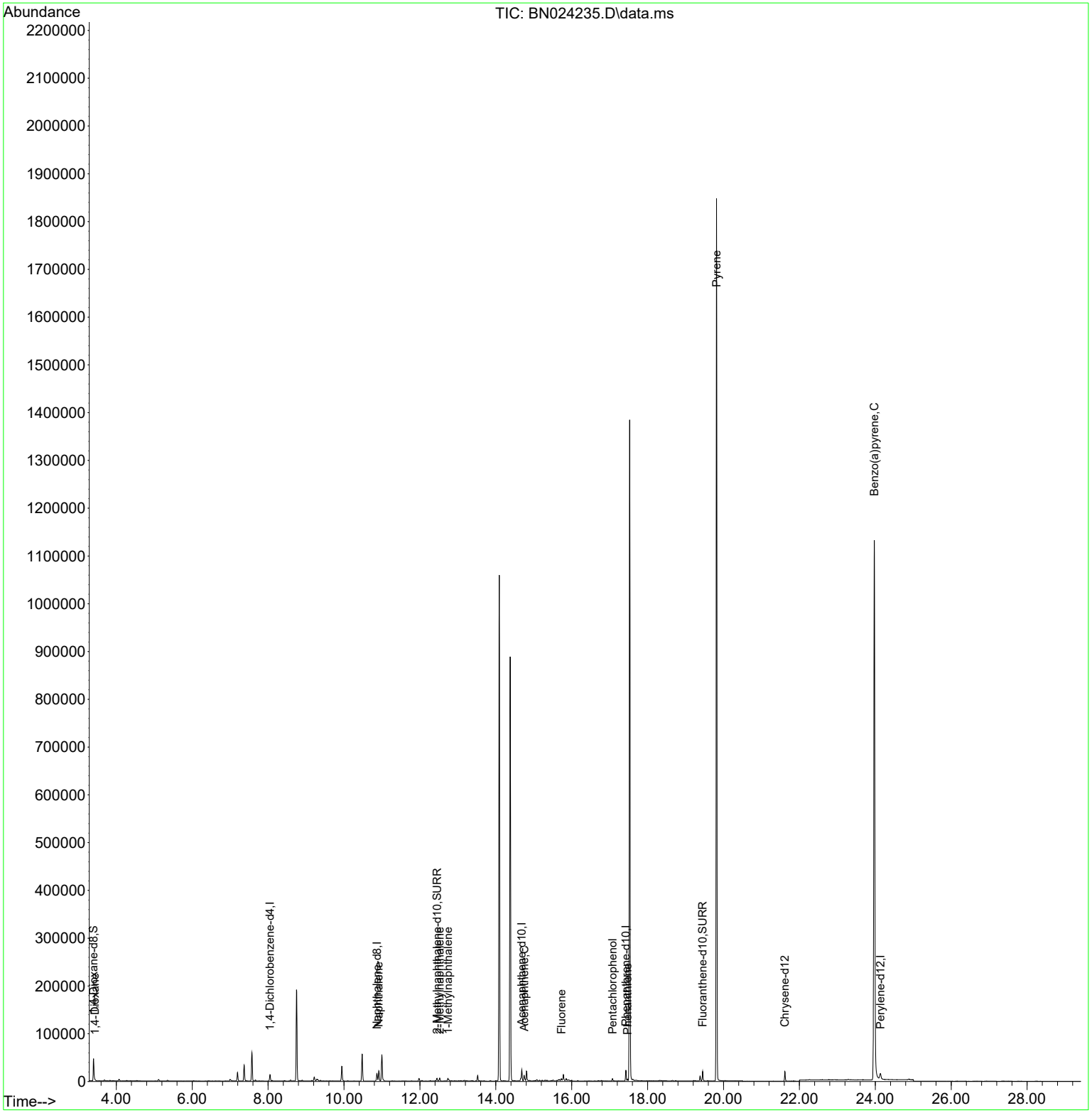
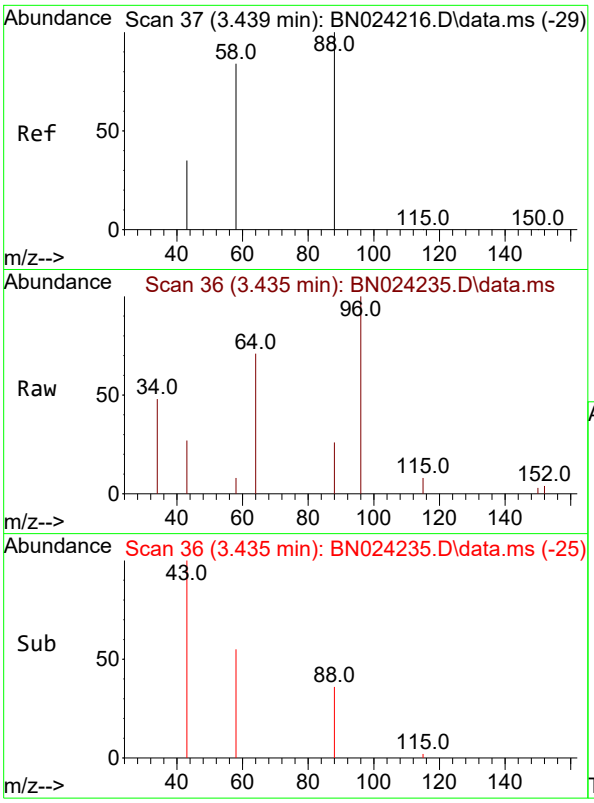


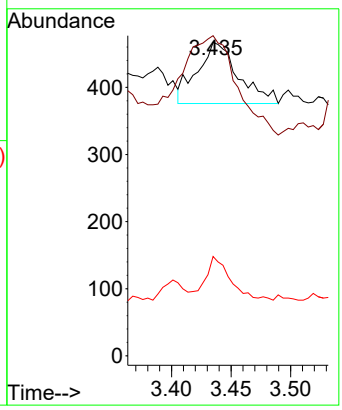


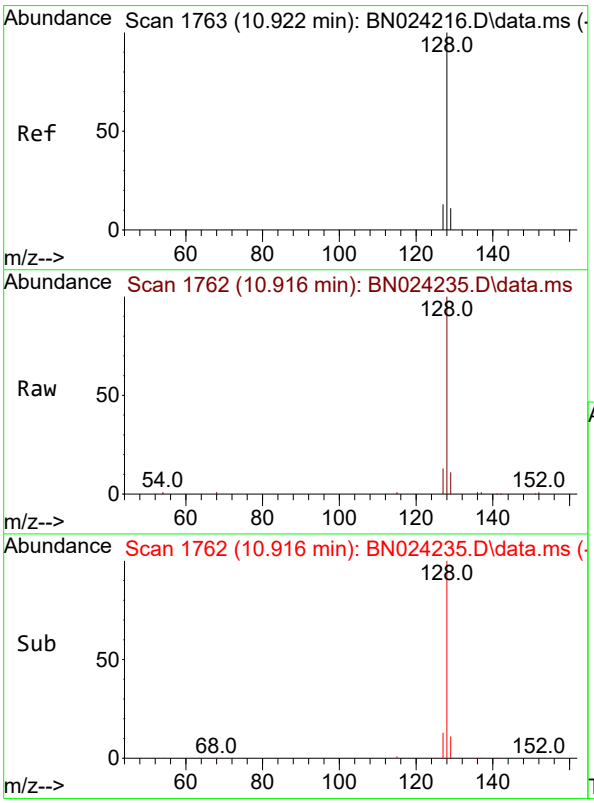

#2
1,4-Dioxane
Concen: 0.027 ng/ul
RT: 3.435 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE0

Tgt Ion: 88 Resp: 218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 102.1 | 32.1 | 48.1# |
| 58 | 31.7 | 55.1 | 82.7# |

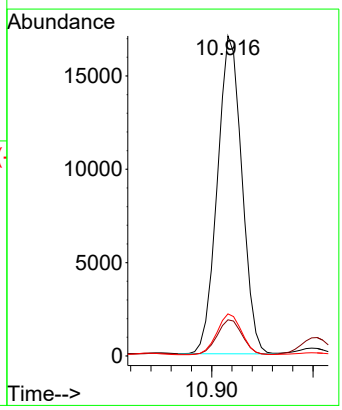


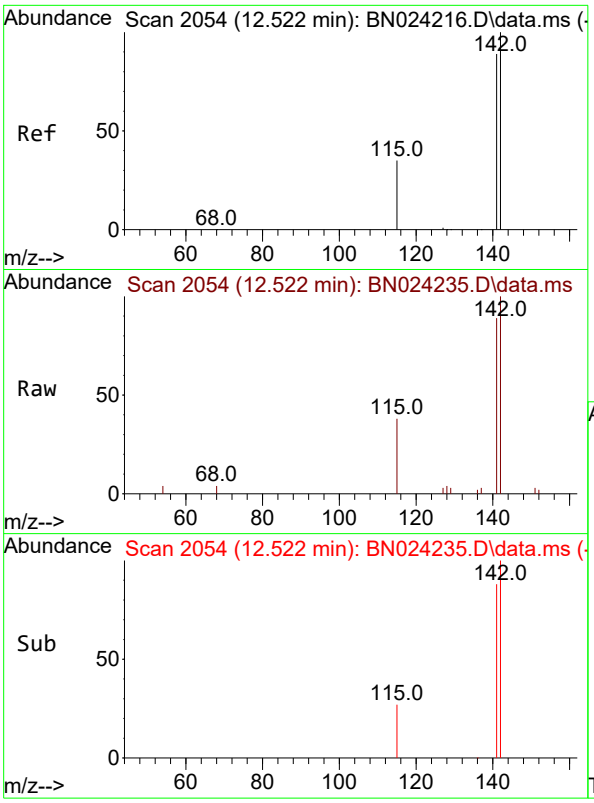




#5
Naphthalene
Concen: 0.563 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

Tgt Ion:128 Resp: 28627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.0 | 13.6 |
| 127 | 13.2 | 10.5 | 15.7 |



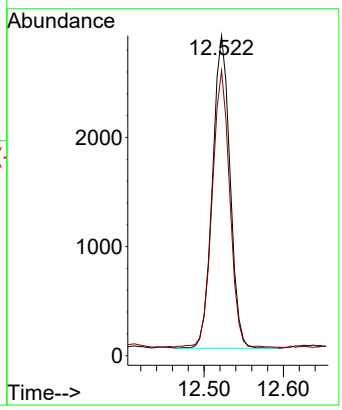


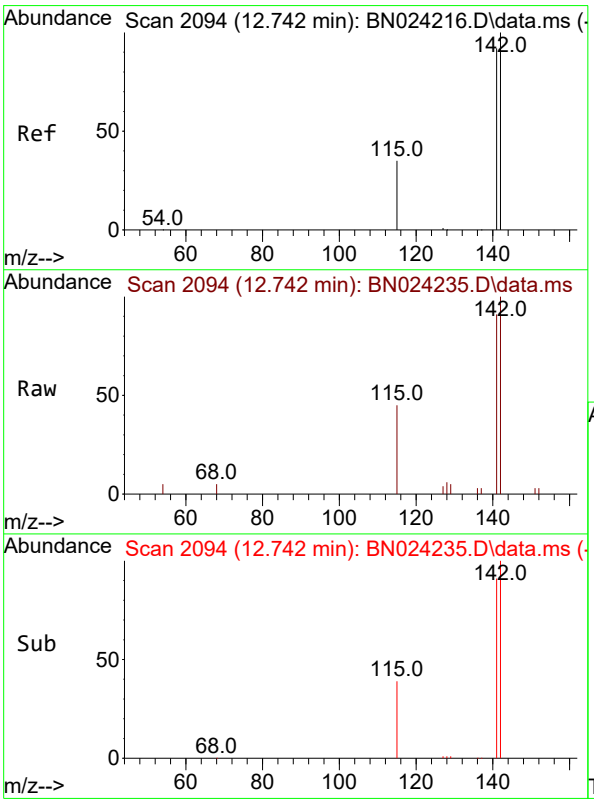

#7
2-Methylnaphthalene
Concen: 0.142 ng/ul
RT: 12.522 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE0

Tgt Ion:142 Resp: 4389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.3 | 70.3 | 105.5 |

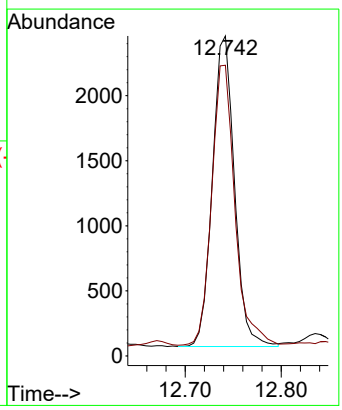


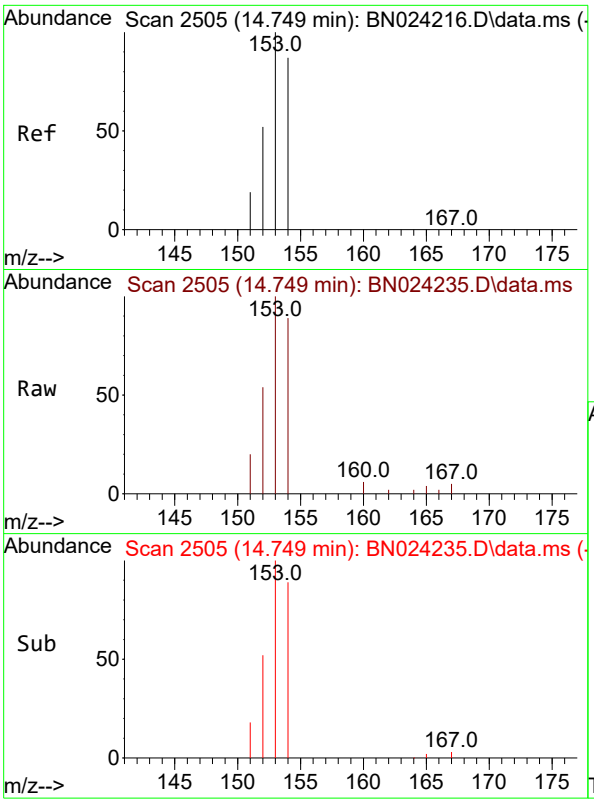




#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

Tgt Ion:142 Resp: 3811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.8 | 73.0 | 109.6 |



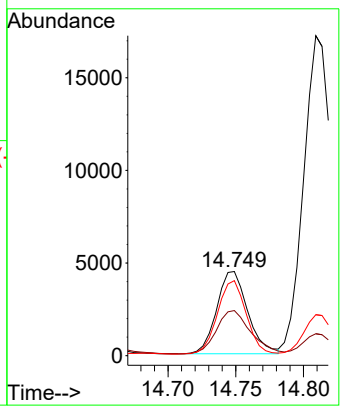


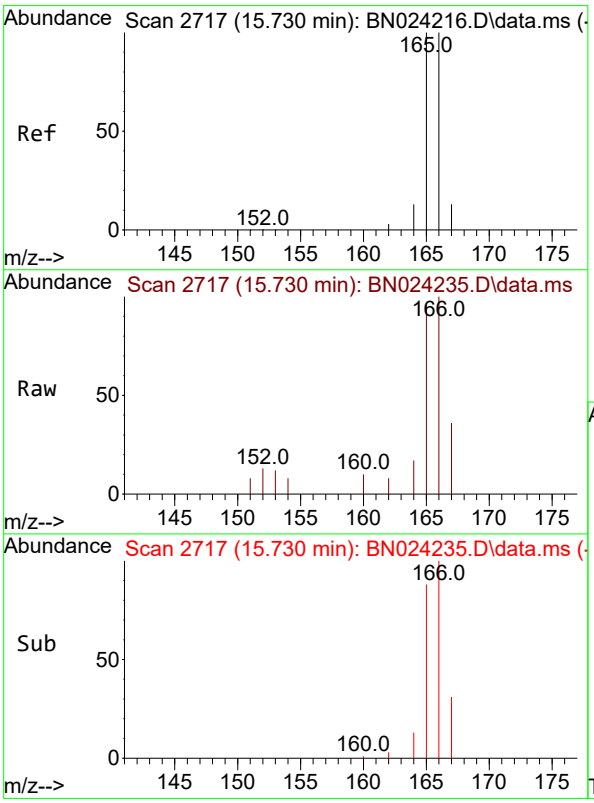

#11
Acenaphthene
Concen: 0.183 ng/ul
RT: 14.749 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE0

Tgt Ion:153 Resp: 7052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 53.6 | 42.6 | 64.0 |
| 154 | 89.1 | 70.6 | 105.8 |

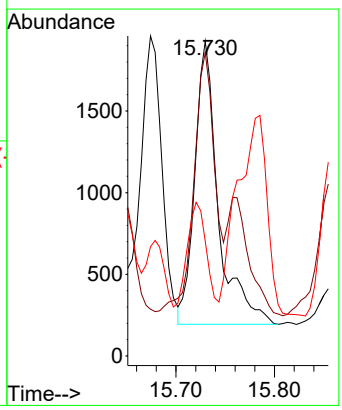


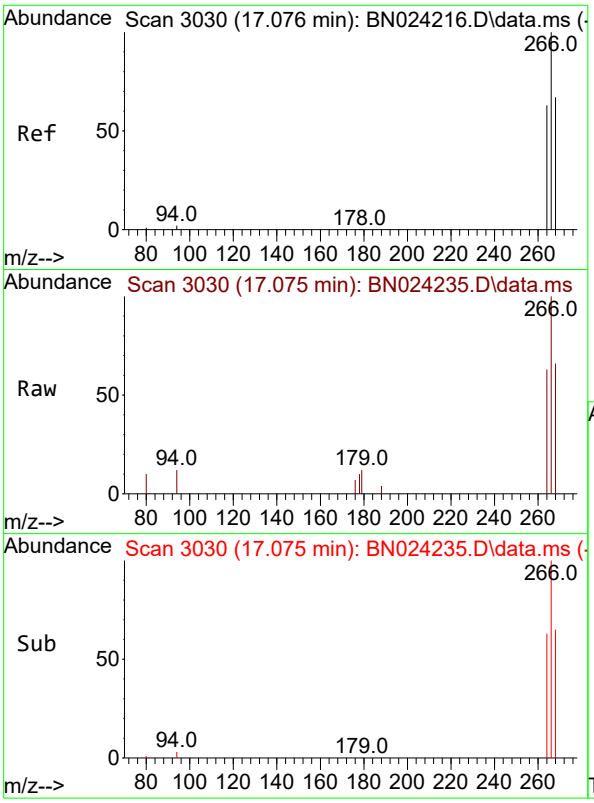




#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.730 min Scan# 2717
Delta R.T. -0.000 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

Tgt Ion:166 Resp: 2874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.4 | 77.4 | 116.0 |
| 167 | 36.5 | 10.9 | 16.3# |



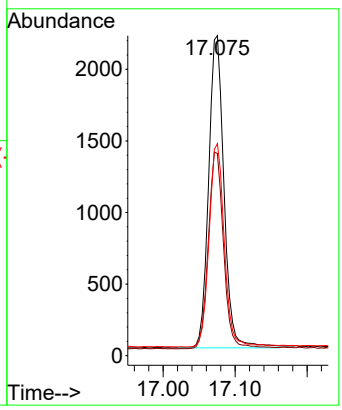


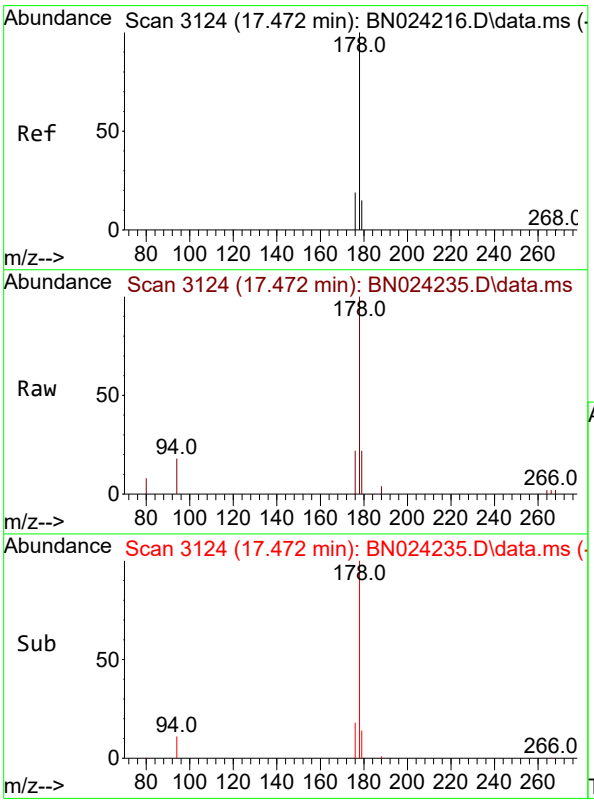

#14
Pentachlorophenol
Concen: 0.467 ng/ul
RT: 17.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE0

Tgt Ion:266 Resp: 3226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.1 | 0.0 | 0.0# |
| 268 | 64.9 | 0.1 | 0.1# |

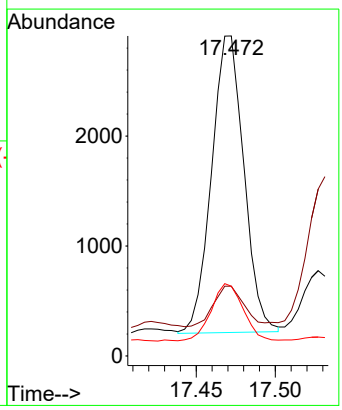


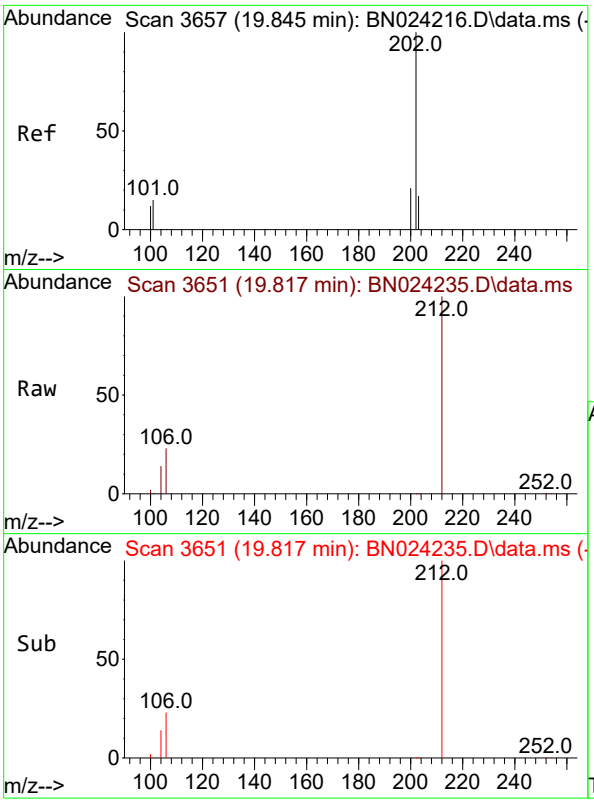




#15
Phenanthrene
Concen: 0.054 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

Tgt Ion:178 Resp: 3829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 21.8 | 12.2 | 18.2# |
| 176 | 21.8 | 15.7 | 23.5 |



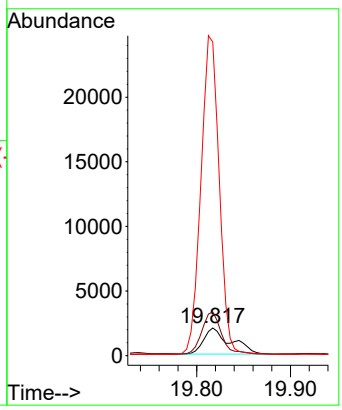


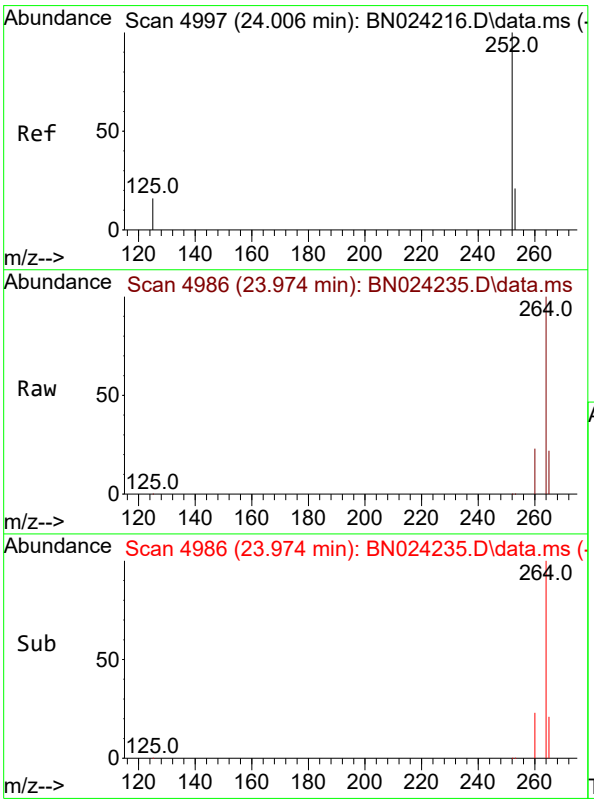

#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.817 min Scan# 3
Delta R.T. -0.028 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

**Instrument :**
BNA_N
**ClientSampleId :**
DCAE0

Tgt Ion:202 Resp: 4048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 158.8 | 12.1 | 18.1# |
| 100 | 1134.9 | 9.4 | 14.0# |




#26
Benzo(a)pyrene
Concen: 0.094 ng/ul
RT: 23.974 min Scan# 4986
Delta R.T. -0.032 min
Lab File: BN024235.D
Acq: 10 Mar 2023 13:57

Tgt Ion:252 Resp: 6170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 41.0 | 19.2 | 28.8# |
| 125 | 40.0 | 15.8 | 23.6# |