Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030217.D
Acq On : 03 Mar 2024 13:58
Operator : MA/JU
Sample : P1512-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
E0S99

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 00:08:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.830 | 152 | 1743 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.623 | 136 | 4523 | 0.400 | ng/ul | #-0.02 |
| 9) Acenaphthene-d10 | 14.474 | 164 | 2175 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 17.230 | 188 | 4316 | 0.400 | ng/ul | -0.02 |
| 17) Chrysene-d12 | 21.444 | 240 | 3534 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.794 | 264 | 3877m | 0.400 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.302 | 96 | 11088 | 4.595 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.223 | 152 | 1657 | 0.283 | ng/ul | -0.02 |
| 18) Fluoranthene-d10 | 19.267 | 212 | 3156 | 0.274 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.672 | 128 | 52478 | 3.932 | ng/ul | 94 |
| 7) 2-Methylnaphthalene | 12.300 | 142 | 3653 | 0.505 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.515 | 142 | 2706 | 0.353 | ng/ul | 99 |
| 11) Acenaphthene | 14.539 | 153 | 2389 | 0.268 | ng/ul | 97 |
| 12) Fluorene | 15.529 | 166 | 1036 | 0.114 | ng/ul# | 98 |
| 15) Phenanthrene | 17.272 | 178 | 1183 | 0.082 | ng/ul# | 88 |
| 19) Fluoranthene | 19.300 | 202 | 931 | 0.059 | ng/ul# | 81 |
| 21) Benzo(a)anthracene | 21.427 | 228 | 352 | 0.028 | ng/ul# | 69 |
| 22) Chrysene | 21.479 | 228 | 434 | 0.029 | ng/ul# | 69 |

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

Quantitation Report (QT Reviewed)

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Acq On : 03 Mar 2024 13:58
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Sample : P1512-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

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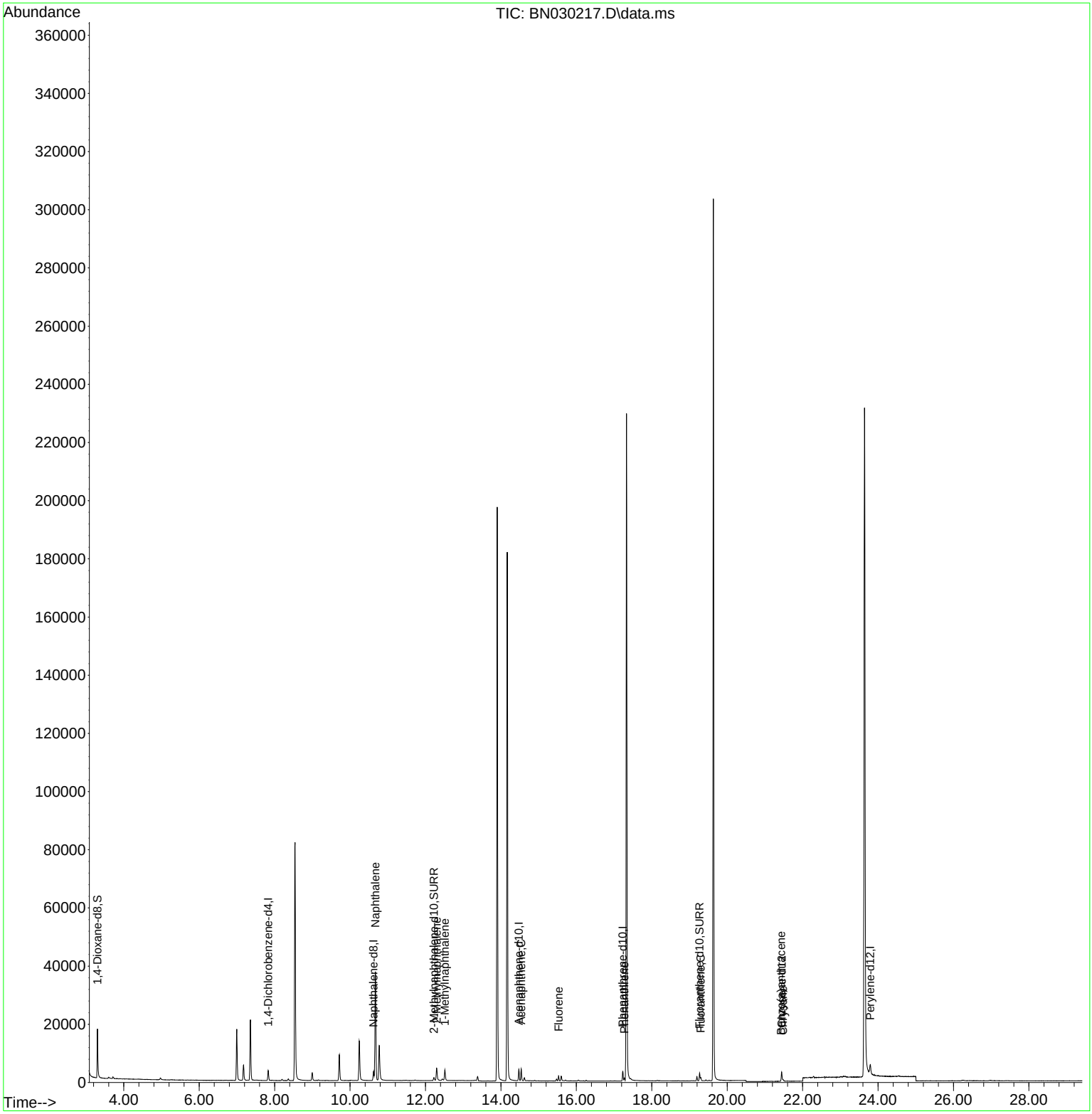
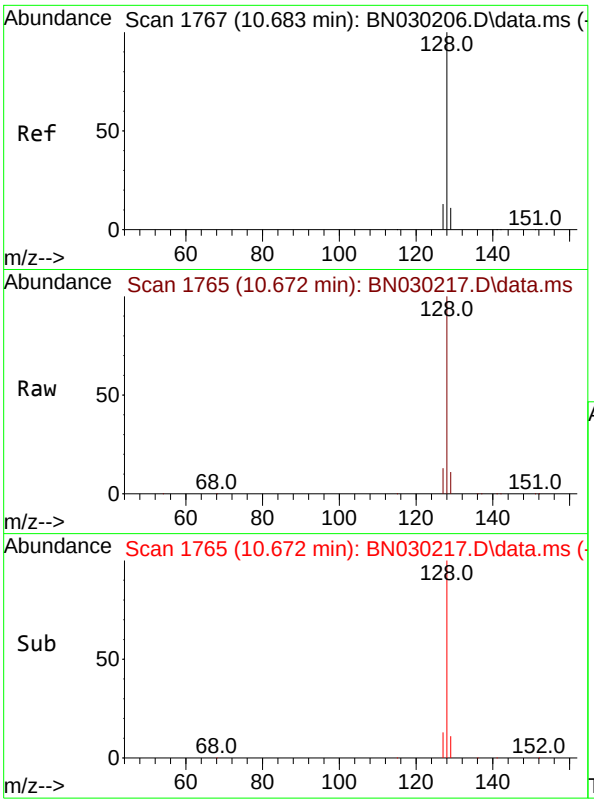
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
E0S99

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

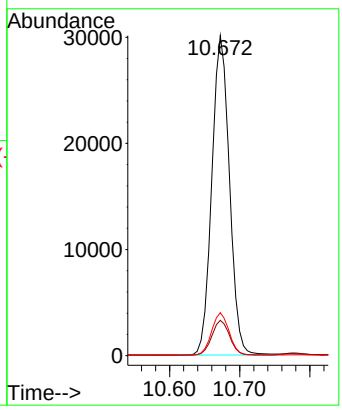





#5
Naphthalene
Concen: 3.932 ng/ul
RT: 10.672 min Scan# 1
Delta R.T. -0.016 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:128 Resp: 5247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 11.0 | 16.4 |
| 127 | 13.4 | 12.3 | 18.5 |




**Instrument :**
BNA_N
**ClientSampleId :**
E0S99

**Manual Integrations**
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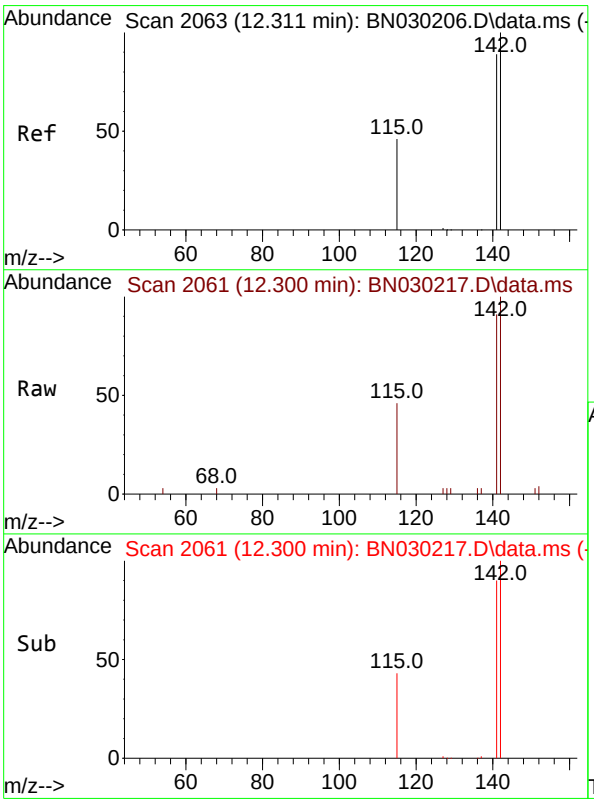
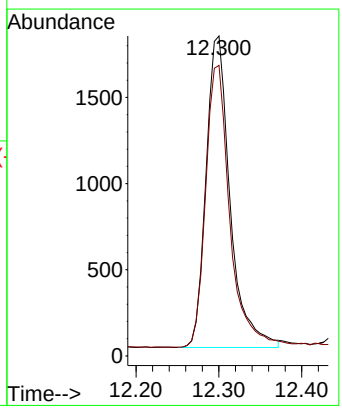
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

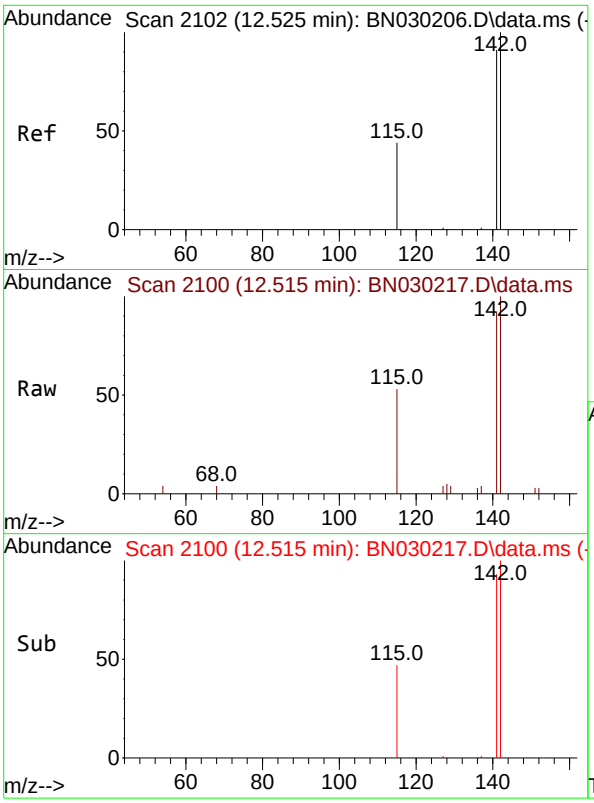



#7
2-Methylnaphthalene
Concen: 0.505 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.011 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:142 Resp: 3653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.8 | 109.2 |






#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.515 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

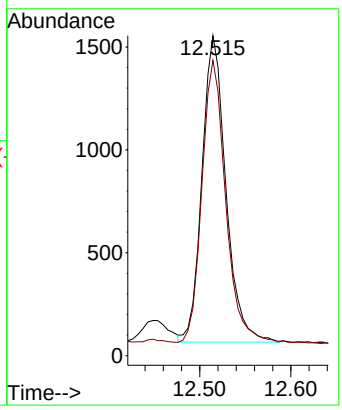
Tgt Ion:142 Resp: 270

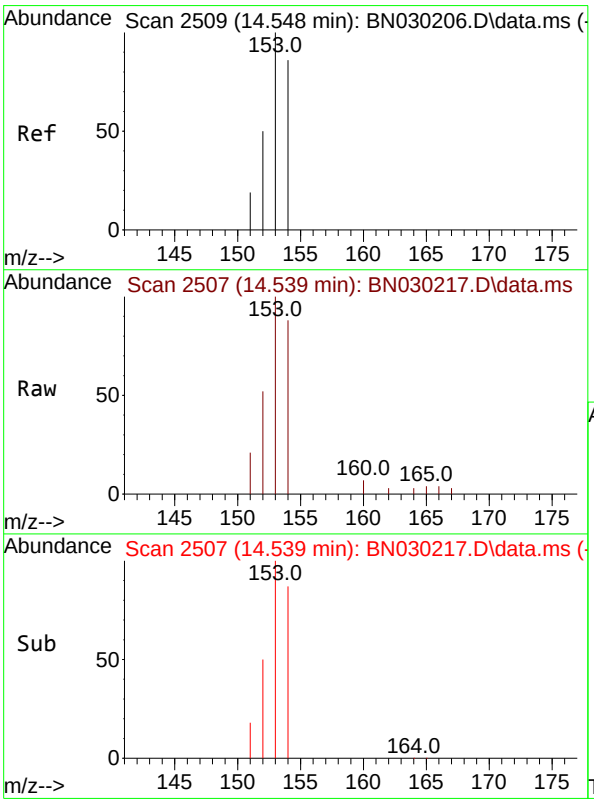
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.5 | 74.2 | 111.2 |

**Instrument :**
BNA_N
**ClientSampleId :**
E0S99

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

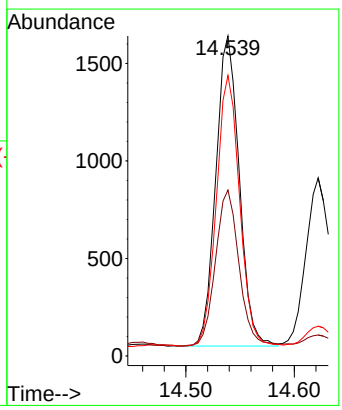


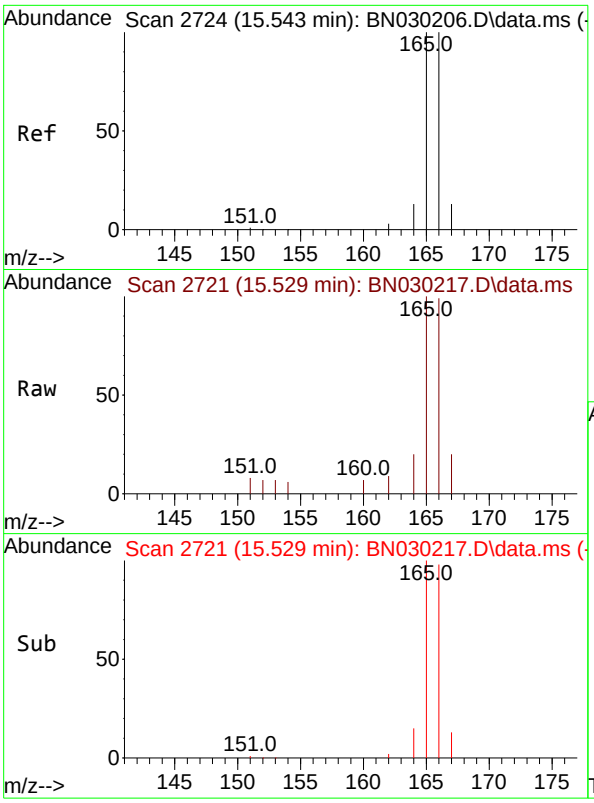




#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.010 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:153 Resp: 2389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 51.9 | 43.2 | 64.8 |
| 154 | 87.6 | 67.5 | 101.3 |

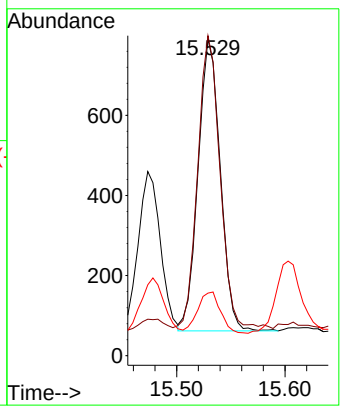





#12
Fluorene
Concen: 0.114 ng/ul
RT: 15.529 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:166 Resp: 103

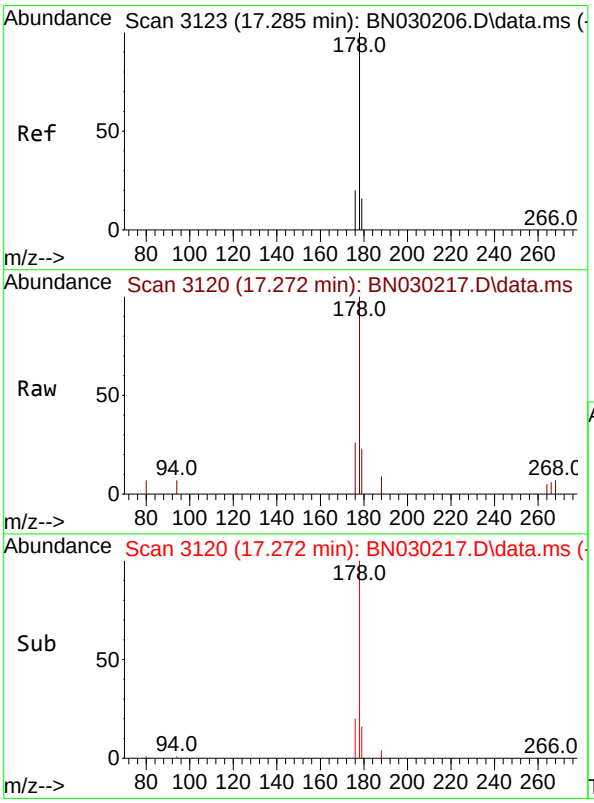
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.0 | 81.8 | 122.6 |
| 167 | 19.7 | 13.0 | 19.4# |




**Instrument :**
BNA_N
**ClientSampleId :**
E0S99

**Manual Integrations**
**APPROVED**

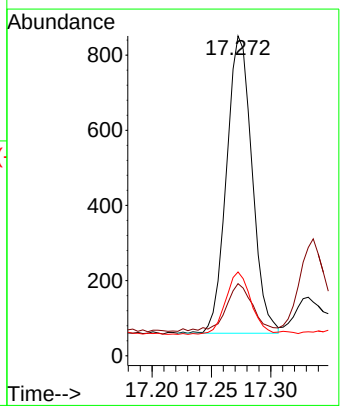
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

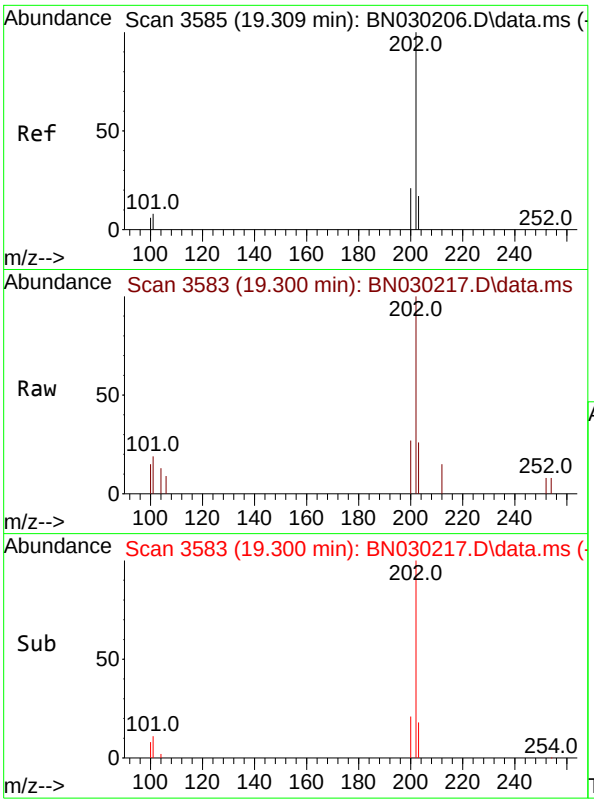



#15
Phenanthrene
Concen: 0.082 ng/ul
RT: 17.272 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:178 Resp: 1183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 22.6 | 13.8 | 20.8# |
| 176 | 26.2 | 16.6 | 25.0# |






#19
Fluoranthene
Concen: 0.059 ng/ul
RT: 19.300 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:202 Resp: 93

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 18.7 | 8.8 | 13.2# |
| 100 | 15.5 | 7.4 | 11.2# |

**Instrument :**
BNA_N
**ClientSampleId :**
E0S99

**Manual Integrations**
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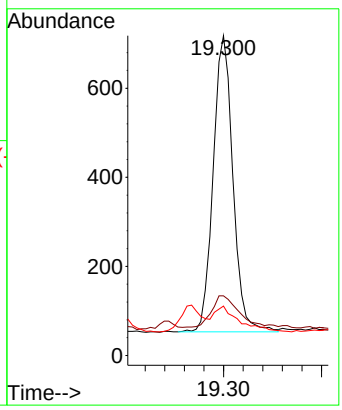
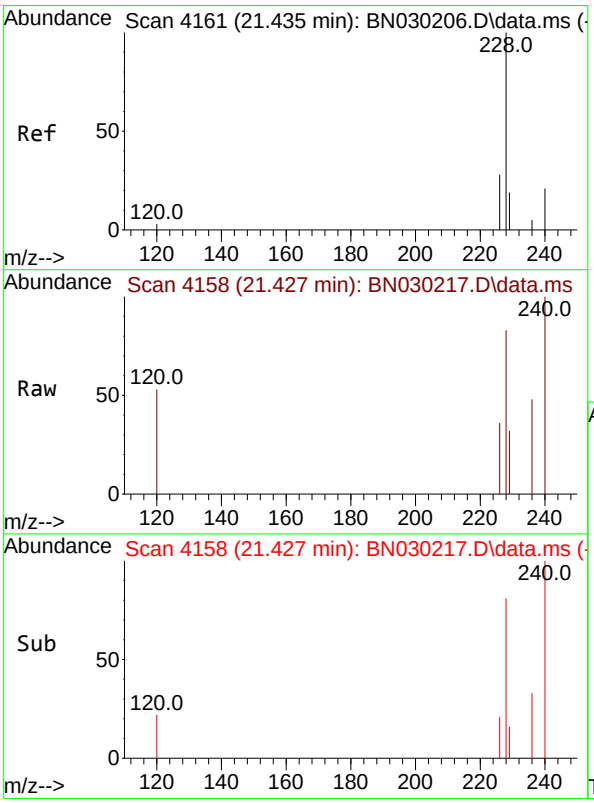
Supervised By :mohammad ahmed 03/05/2024

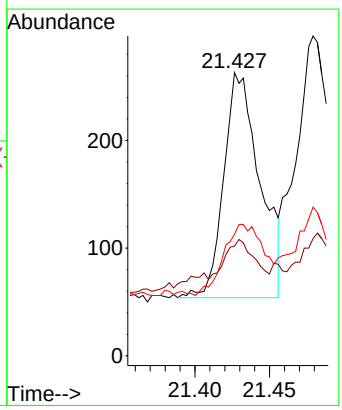


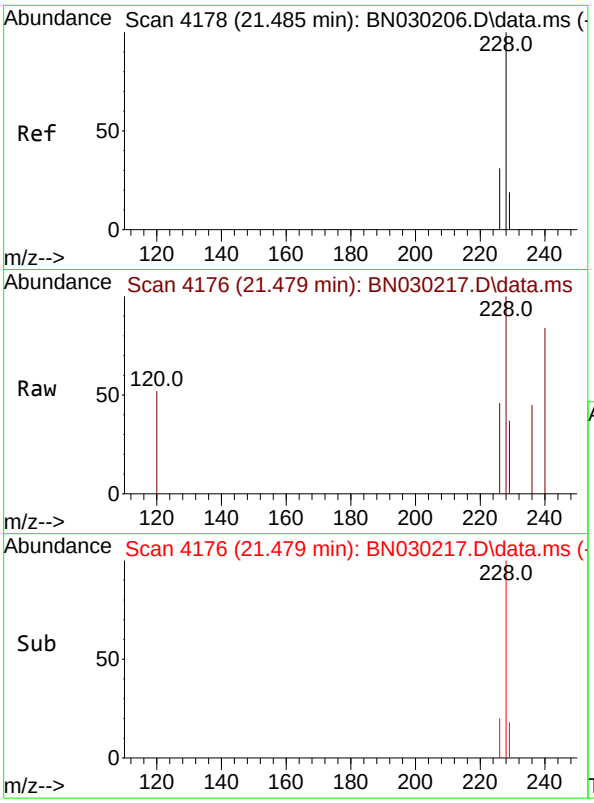




#21
Benzo(a)anthracene
Concen: 0.028 ng/ul
RT: 21.427 min Scan# 4158
Delta R.T. -0.012 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:228 Resp: 352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 38.8 | 16.6 | 24.8# |
| 226 | 43.0 | 23.7 | 35.5# |

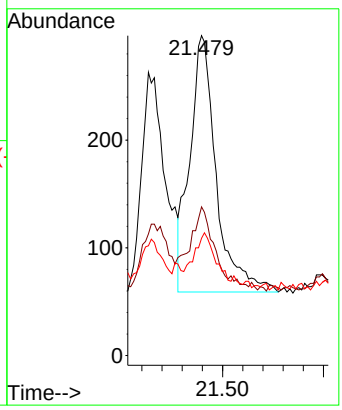





#22
Chrysene
Concen: 0.029 ng/ul
RT: 21.479 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:228 Resp: 43

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 46.5 | 24.6 | 37.0# |
| 229 | 36.7 | 16.6 | 24.8# |




**Instrument :**
BNA_N
**ClientSampleId :**
E0S99

**Manual Integrations**
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