Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020174.D
Acq On : 15 Jun 2022 14:40
Operator : CG/JU
Sample : N3298-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 16 01:11:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 00:50:14 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.799 | 152 | 140438 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.587 | 136 | 678680 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.428 | 164 | 440595 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.169 | 188 | 882726 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.357 | 240 | 832111 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.674 | 264 | 785829 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.258 | 96 | 14180 | 4.373 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.675 | 84 | 114053 | 12.869 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.981 | 99 | 119060 | 10.245 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.128 | 67 | 247447 | 34.081 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.334 | 132 | 284781 | 30.160 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.510 | 113 | 234938 | 23.368 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.952 | 128 | 178371 | 34.546 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.675 | 143 | 191167 | 34.887 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.216 | 165 | 342147 | 35.767 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.722 | 131 | 344236 | 22.222 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.845 | 166 | 1225761 | 38.235 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.122 | 160 | 1390556 | 37.403 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.651 | 143 | 52832 | 8.224 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.422 | 176 | 986096 | 37.171 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200 | 196773 | 38.483 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.269 | 188 | 1535841 | 39.867 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.563 | 212 | 1688800 | 37.437 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.527 | 264 | 1528453 | 39.753 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 29) 2,4-Dichlorophenol | 10.287 | 162 | 15933 | 1.610 | ng/ul | 93 |
| 50) Acenaphthylene | 14.145 | 152 | 125577 | 3.051 | ng/ul# | 94 |
| 52) Acenaphthene | 14.498 | 153 | 4039118 | 150.228 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.622 | 109 | 6870 | 1.253 | ng/ul# | 7 |
| 61) Fluorene | 15.475 | 166 | 1712192 | 58.089 | ng/ul | 97 |
| 72) Phenanthrene | 17.298 | 178 | 217807 | 4.676 | ng/ul | 99 |
| 74) Anthracene | 17.298 | 178 | 220927 | 4.716 | ng/ul | 100 |
| 80) Fluoranthene | 19.227 | 202 | 864002 | 15.858 | ng/ul | 95 |
| 82) Pyrene | 19.592 | 202 | 342114 | 6.121 | ng/ul | 95 |

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

Quantitation Report (Not Reviewed)

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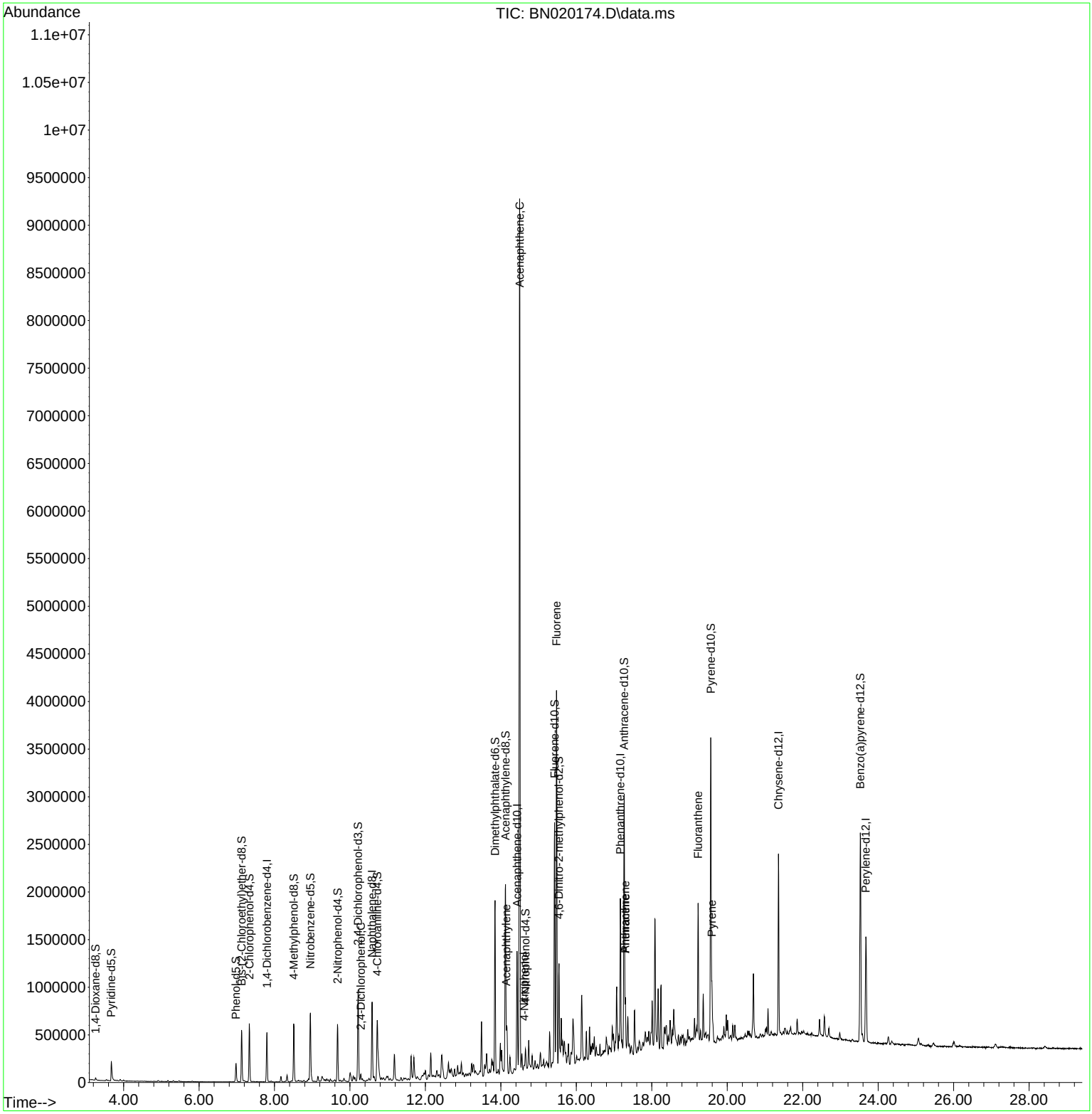
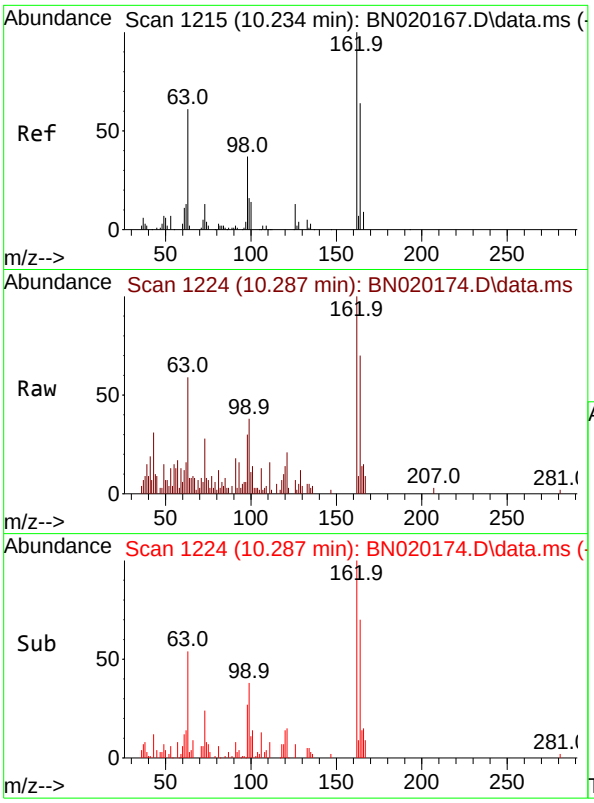
Acq On : 15 Jun 2022 14:40
Operator : CG/JU
Sample : N3298-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 16 01:11:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 00:50:14 2022
Response via : Initial Calibration



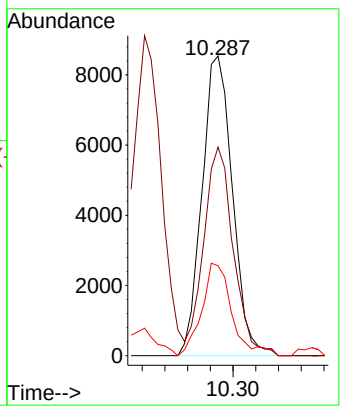


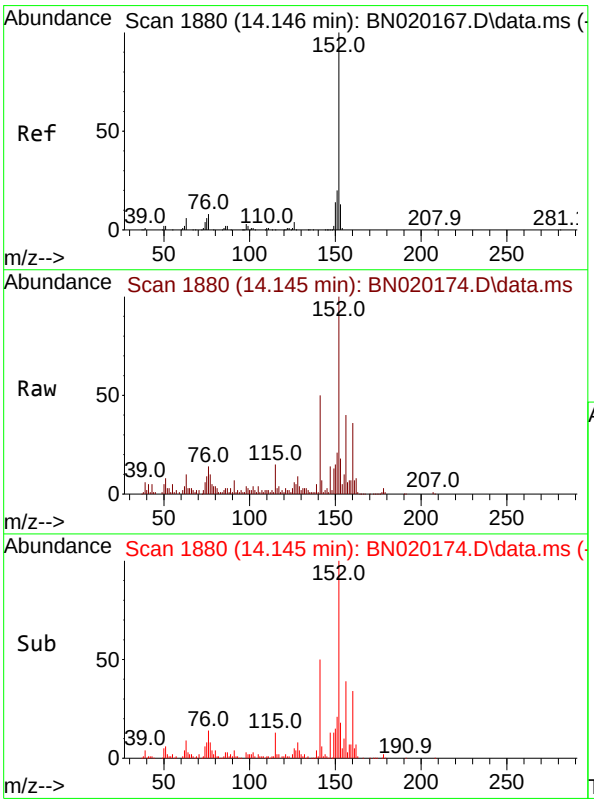

#29
2,4-Dichlorophenol
Concen: 1.610 ng/ul
RT: 10.287 min Scan# 1
Delta R.T. 0.053 min
Lab File: BN020174.D
Acq: 15 Jun 2022 14:40

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

Tgt Ion:162 Resp: 15933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 69.5 | 52.9 | 79.3 |
| 98 | 30.0 | 29.8 | 44.8 |

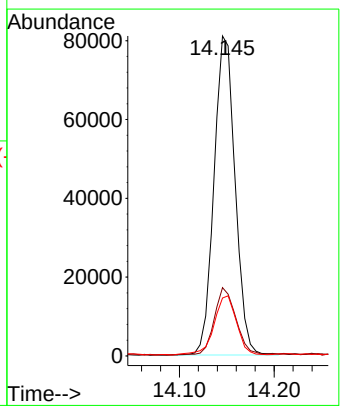


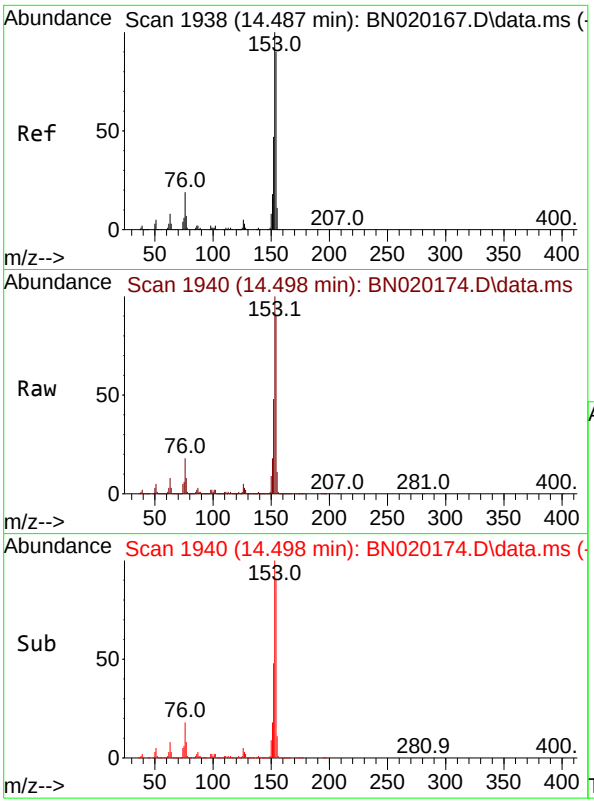




#50
Acenaphthylene
Concen: 3.051 ng/ul
RT: 14.145 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN020174.D
Acq: 15 Jun 2022 14:40

Tgt Ion:152 Resp: 125577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.4 | 16.0 | 24.0 |
| 153 | 18.1 | 10.7 | 16.1# |



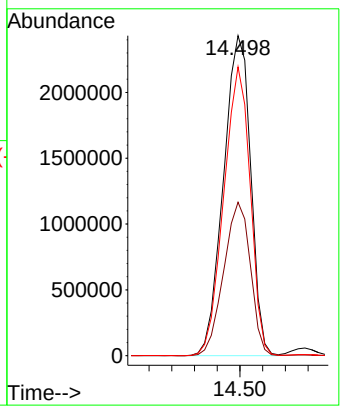


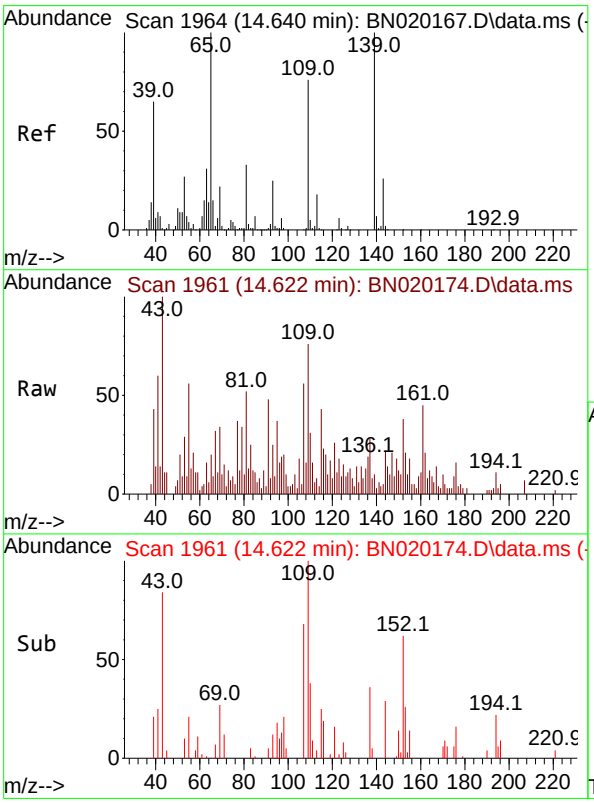

#52
Acenaphthene
Concen: 150.228 ng/ul
RT: 14.498 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN020174.D
Acq: 15 Jun 2022 14:40

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

Tgt Ion:153 Resp: 4039118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 47.9 | 38.4 | 57.6 |
| 154 | 90.3 | 69.7 | 104.5 |

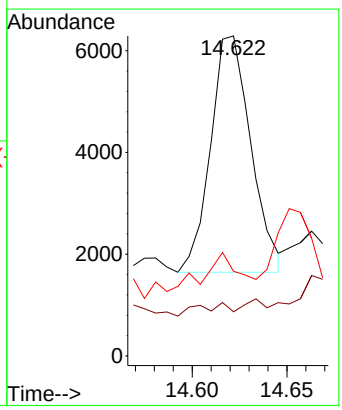


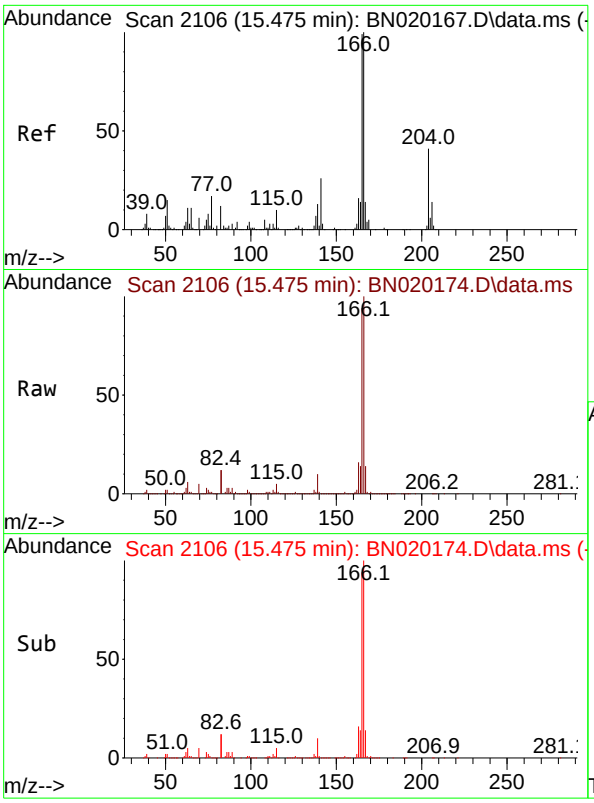




#55
4-Nitrophenol
Concen: 1.253 ng/ul
RT: 14.622 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BN020174.D
Acq: 15 Jun 2022 14:40

Tgt Ion:109 Resp: 6870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 13.8 | 100.1 | 150.1# |
| 65 | 26.5 | 104.6 | 157.0# |



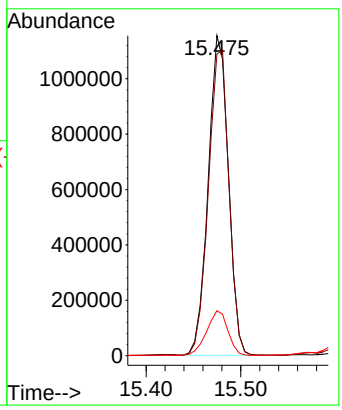


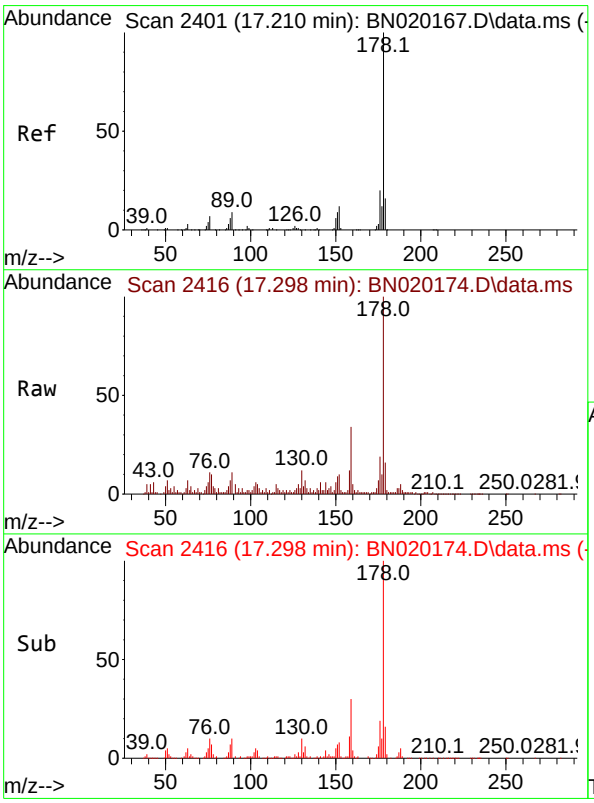

#61
Fluorene
Concen: 58.089 ng/ul
RT: 15.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020174.D
Acq: 15 Jun 2022 14:40

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

Tgt Ion:166 Resp: 1712192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 94.2 | 77.7 | 116.5 |
| 167 | 14.0 | 11.1 | 16.7 |

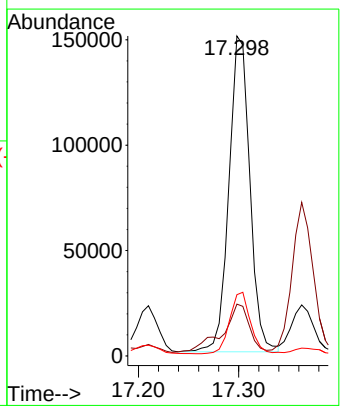


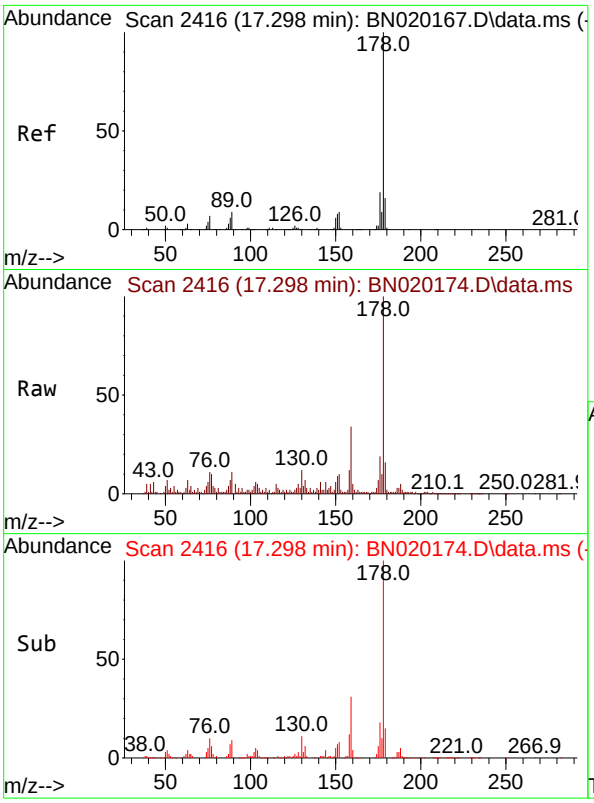




#72
Phenanthrene
Concen: 4.676 ng/ul
RT: 17.298 min Scan# 2416
Delta R.T. 0.088 min
Lab File: BN020174.D
Acq: 15 Jun 2022 14:40

Tgt Ion:178 Resp: 217807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.2 | 12.2 | 18.4 |
| 176 | 19.2 | 15.2 | 22.8 |



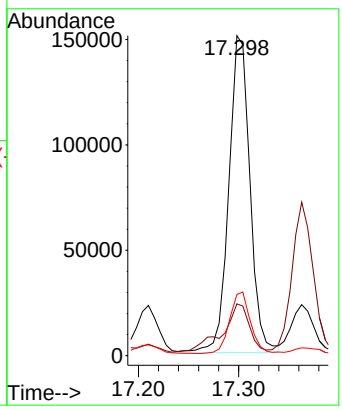


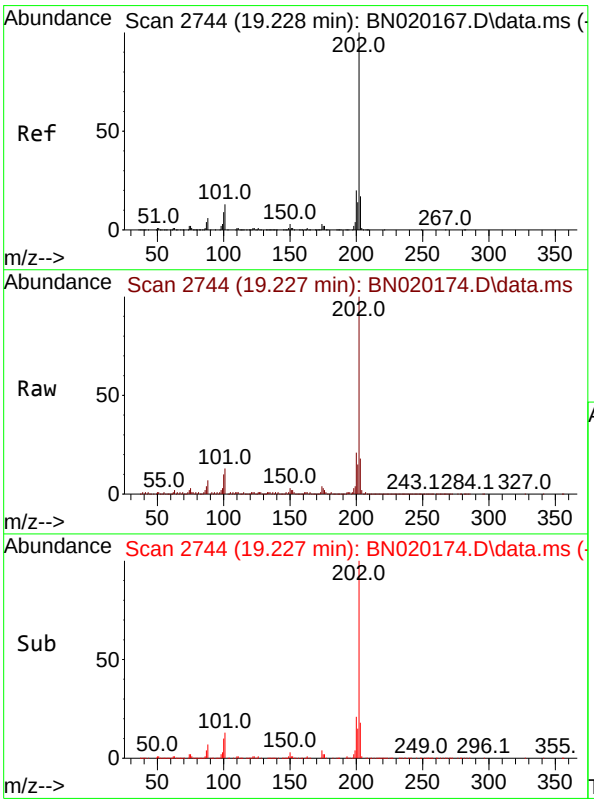

#74
Anthracene
Concen: 4.716 ng/ul
RT: 17.298 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN020174.D
Acq: 15 Jun 2022 14:40

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

Tgt Ion:178 Resp: 220927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.2 | 13.0 | 19.4 |
| 176 | 19.2 | 15.5 | 23.3 |

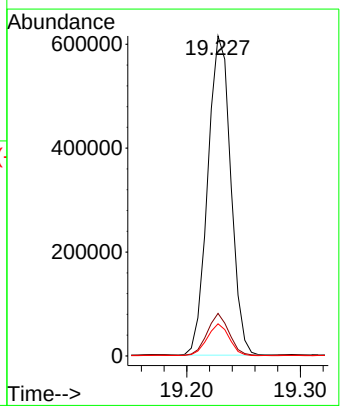


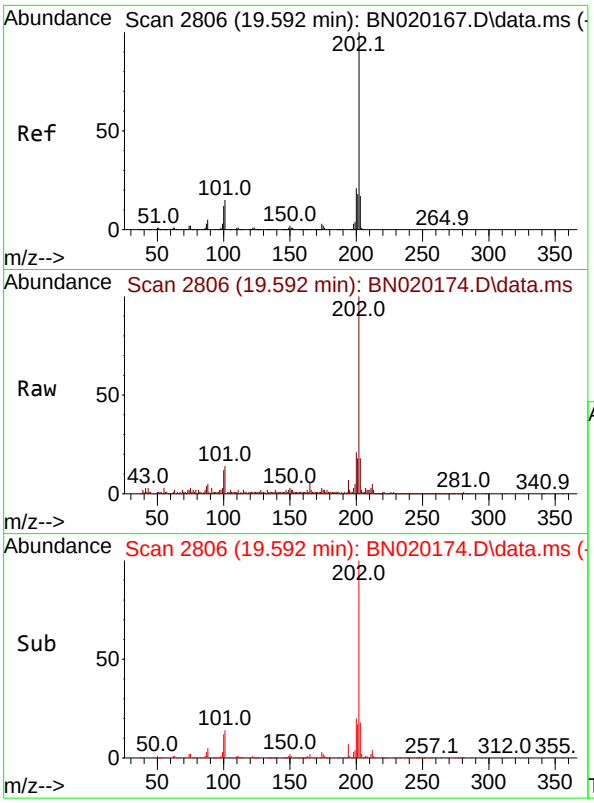




#80
Fluoranthene
Concen: 15.858 ng/ul
RT: 19.227 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BN020174.D
Acq: 15 Jun 2022 14:40

Tgt Ion:202 Resp: 864002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.3 | 8.9 | 13.3 |
| 100 | 10.0 | 6.7 | 10.1 |






#82
Pyrene
Concen: 6.121 ng/ul
RT: 19.592 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN020174.D
Acq: 15 Jun 2022 14:40

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

Tgt Ion:202 Resp: 342114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.1 | 9.7 | 14.5 |
| 100 | 11.7 | 8.0 | 12.0 |