Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007230.D
Acq On : 16 Aug 2019 19:25
Operator : HP/JU
Sample : K4282-16MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED

Quant Time: Aug 17 02:05:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.42 | 152 | 7110 | 0.40 | ng | | -0.02 |
| 6) Naphthalene-d8 | 10.17 | 136 | 27388 | 0.40 | ng | | -0.01 |
| 12) Acenaphthene-d10 | 14.07 | 164 | 15639 | 0.40 | ng | | -0.01 |
| 18) Phenanthrene-d10 | 16.81 | 188 | 35117 | 0.40 | ng | | -0.01 |
| 26) Chrysene-d12 | 21.03 | 240 | 34400 | 0.40 | ng | | -0.02 |
| 32) Perylene-d12 | 23.15 | 264 | 37106 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 3) 2-Fluorophenol | 5.05 | 112 | 7075 | 0.41 | ng | | 0.00 |
| 4) Phenol-d6 | 6.61 | 99 | 9451 | 0.45 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.55 | 82 | 7268 | 0.33 | ng | | -0.01 |
| 10) 2-Methylnaphthalene-d10 | 11.78 | 152 | 15186m | 0.30 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 15.57 | 330 | 2413 | 0.29 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.71 | 172 | 623 | 0.03 | ng | | 0.00 |
| 24) Fluoranthene-d10 | 18.86 | 212 | 29721 | 0.24 | ng | | -0.01 |
| 28) Terphenyl-d14 | 19.48 | 244 | 21104 | 0.23 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) n-Nitrosodimethylamine | 3.34 | 42 | 1670 | 0.357 | ng | # | 95 |
| 5) bis(2-Chloroethyl)ether | 6.85 | 93 | 6479 | 0.346 | ng | | 97 |
| 8) Naphthalene | 10.22 | 128 | 48583 | 0.633 | ng | | 99 |
| 9) Hexachlorobutadiene | 10.53 | 225 | 4366 | 0.267 | ng | # | 99 |
| 11) 2-Methylnaphthalene | 11.85 | 142 | 40475 | 0.744 | ng | | 97 |
| 15) Acenaphthylene | 13.78 | 152 | 61428 | 0.751 | ng | | 98 |
| 16) Acenaphthene | 14.13 | 154 | 77321 | 1.477 | ng | | 99 |
| 17) Fluorene | 15.12 | 166 | 100794 | 1.287 | ng | | 98 |
| 19) 4-Bromophenyl-phenylether | 16.03 | 248 | 6411 | 0.295 | ng | | 95 |
| 20) Hexachlorobenzene | 16.13 | 284 | 5936 | 0.284 | ng | | 98 |
| 21) Pentachlorophenol | 16.47 | 266 | 2044 | 0.263 | ng | | 99 |
| 22) Phenanthrene | 16.86 | 178 | 1126988 | 10.708 | ng | | 100 |
| 23) Anthracene | 16.95 | 178 | 288334 | 2.999 | ng | # | 94 |
| 25) Fluoranthene | 18.89 | 202 | 1122222 | 8.336 | ng | | 99 |
| 27) Pyrene | 19.25 | 202 | 960940 | 7.966 | ng | # | 94 |
| 29) Benzo(a)anthracene | 21.02 | 228 | 571116 | 4.540 | ng | | 97 |
| 30) Chrysene | 21.07 | 228 | 454281 | 3.717 | ng | | 97 |
| 31) Indeno(1,2,3-cd)pyrene | 25.22 | 276 | 221067 | 1.641 | ng | | 99 |
| 33) Benzo(b)fluoranthene | 22.53 | 252 | 466233m | 3.664 | ng | | |
| 34) Benzo(k)fluoranthene | 22.57 | 252 | 207810m | 1.654 | ng | | |
| 35) Benzo(a)pyrene | 23.05 | 252 | 376211 | 3.261 | ng | | 99 |
| 36) Dibenzo(a,h)anthracene | 25.23 | 278 | 85354 | 0.742 | ng | | 95 |
| 37) Benzo(g,h,i)perylene | 25.85 | 276 | 193814 | 1.637 | ng | | 99 |

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

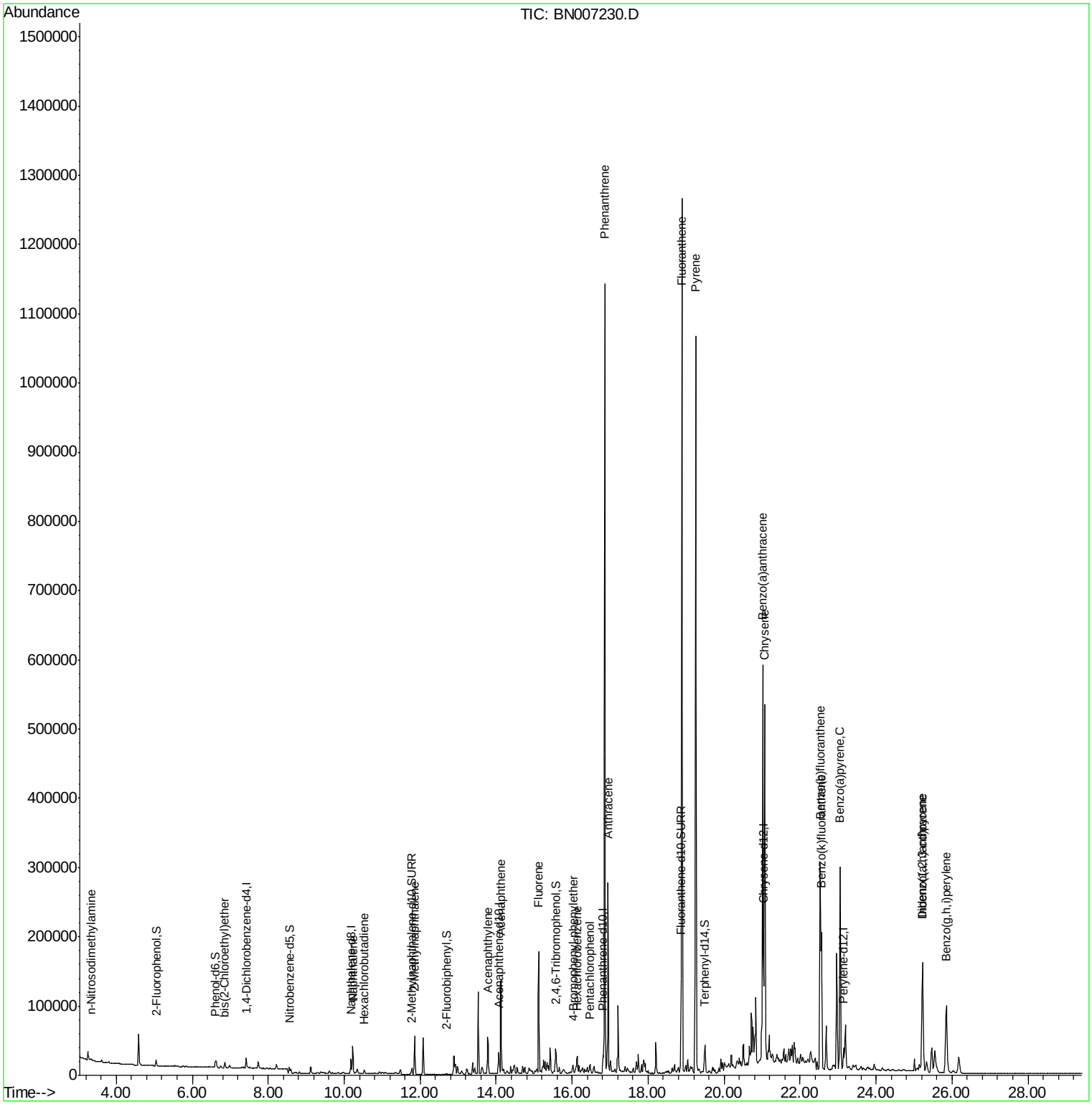
Quantitation Report (QT Reviewed)

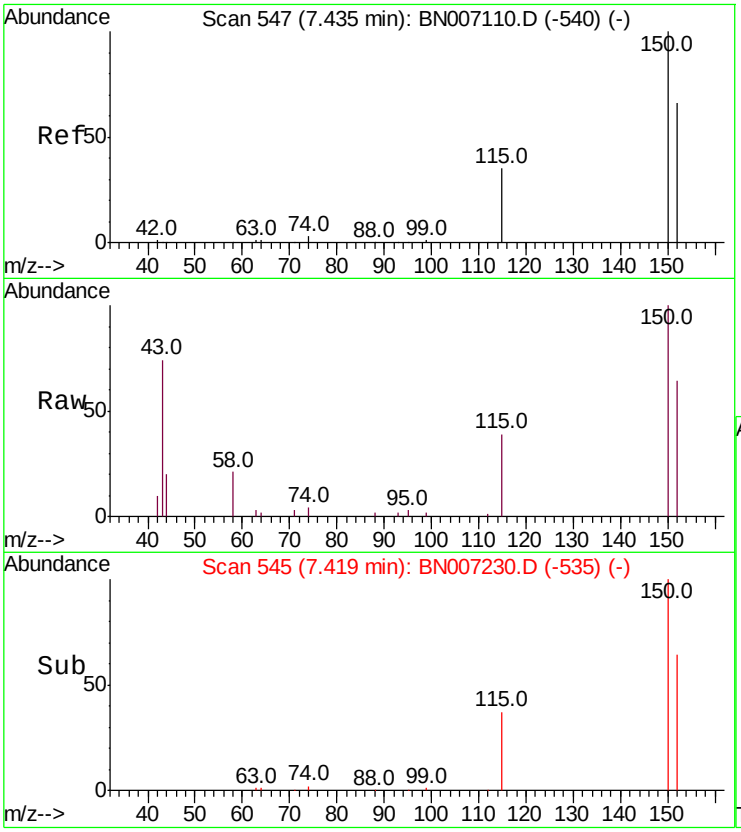
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007230.D
Acq On : 16 Aug 2019 19:25
Operator : HP/JU
Sample : K4282-16MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 17 02:05:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

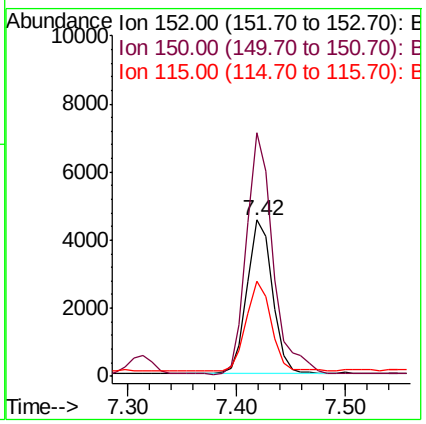





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

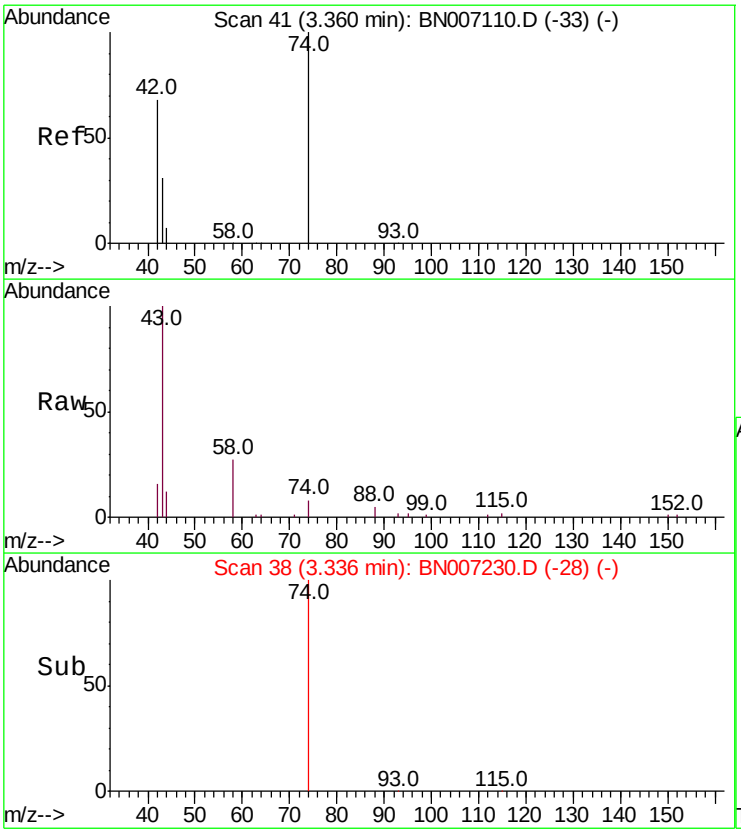
Tgt Ion:152 Resp: 7110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.8 | 121.7 | 182.5 |
| 115 | 60.9 | 46.2 | 69.4 |




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

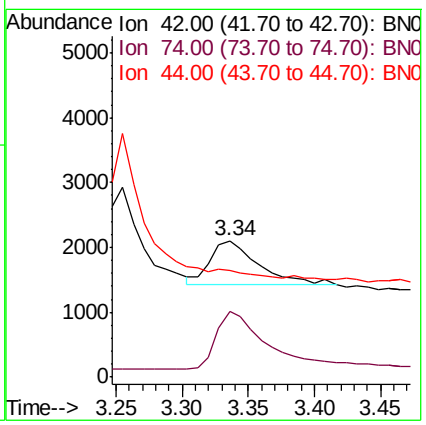
**Manual Integrations APPROVED**

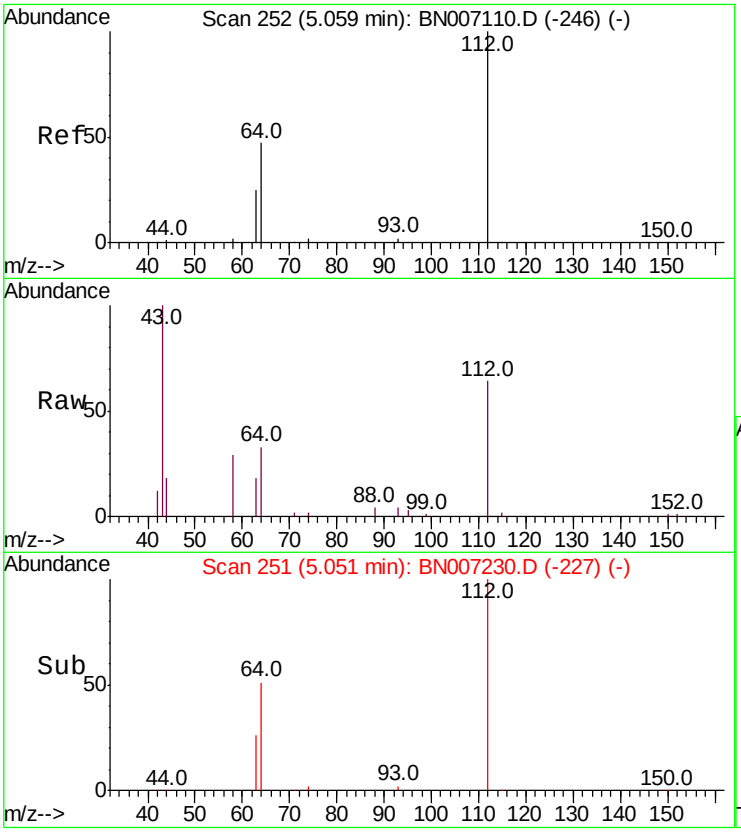



#2
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion: 42 Resp: 1670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.8 | 110.6 | 166.0 |
| 44 | 0.0 | 0.0 | 0.0 |

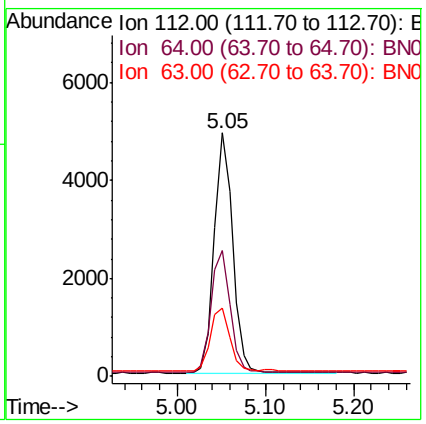





#3
2-Fluorophenol
Concen: 0.414 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

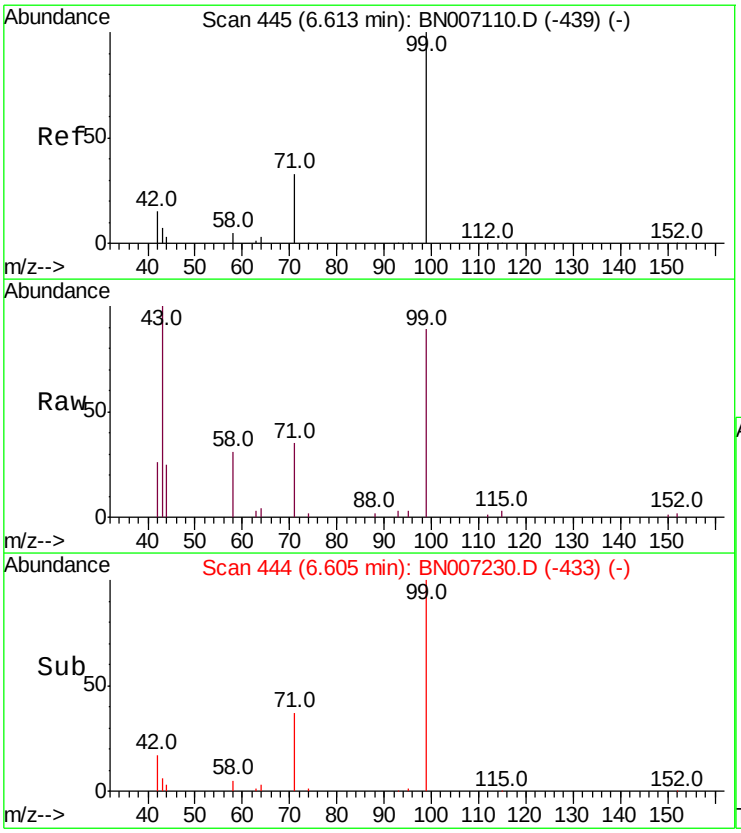
Tgt Ion:112 Resp: 7075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.0 | 42.6 | 63.8 |
| 63 | 27.7 | 22.2 | 33.2 |




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

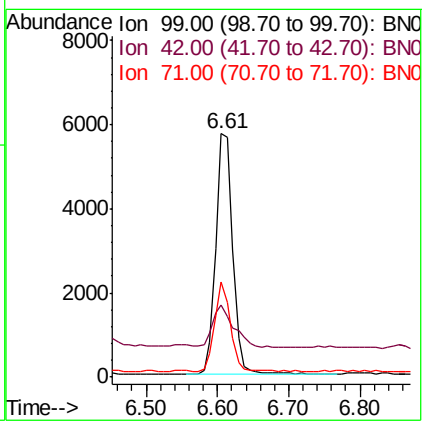
**Manual Integrations APPROVED**

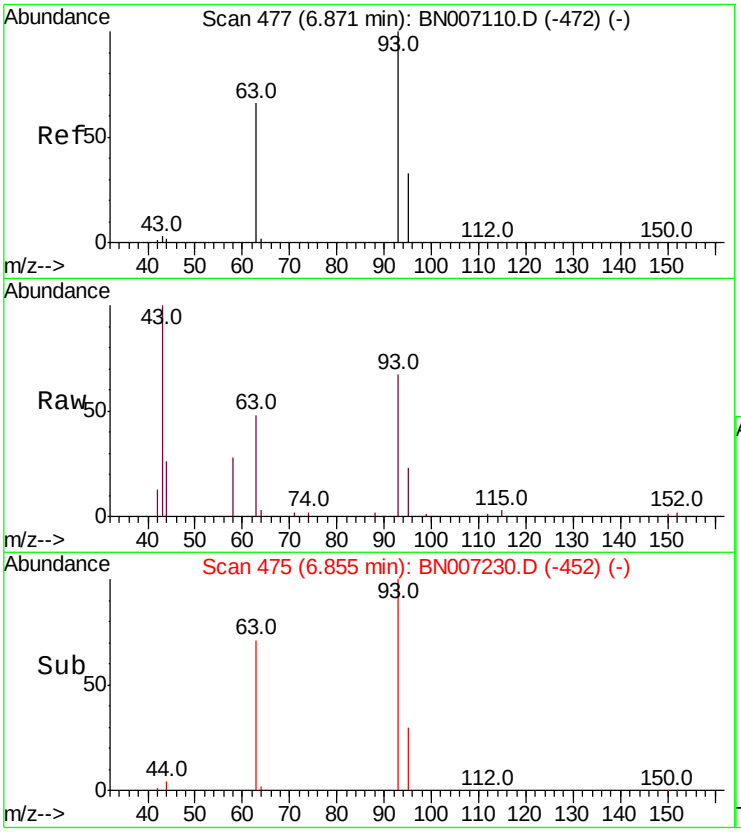



#4
Phenol-d6
Concen: 0.447 ng
RT: 6.61 min Scan# 444
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion: 99 Resp: 9451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.2 | 15.8 | 23.6 |
| 71 | 34.3 | 27.0 | 40.4 |

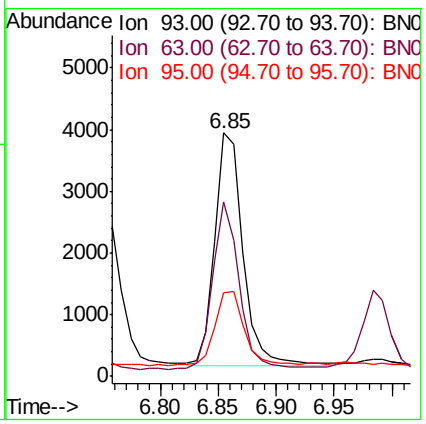





#5
bis(2-Chloroethyl)ether
Concen: 0.346 ng
RT: 6.85 min Scan# 475
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

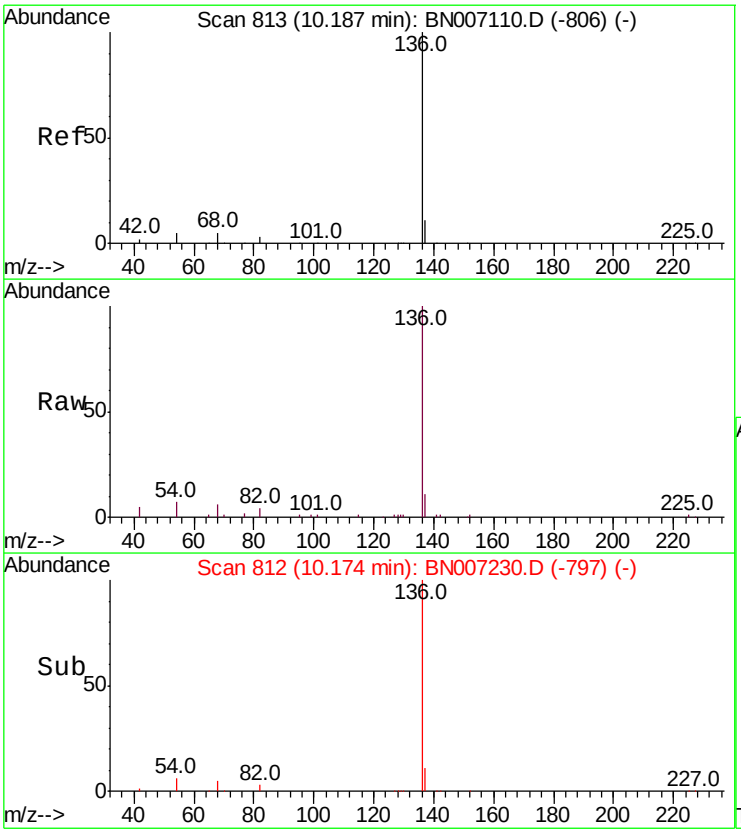
Tgt Ion: 93 Resp: 6479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 65.7 | 55.6 | 83.4 |
| 95 | 32.9 | 26.7 | 40.1 |




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

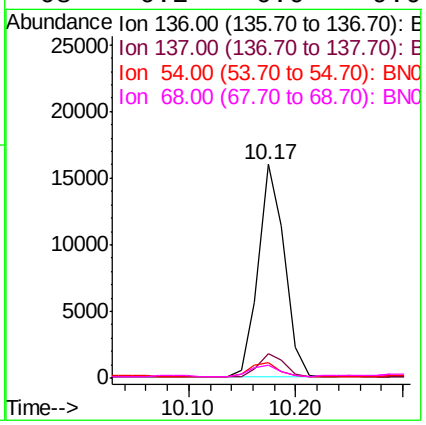
**Manual Integrations APPROVED**

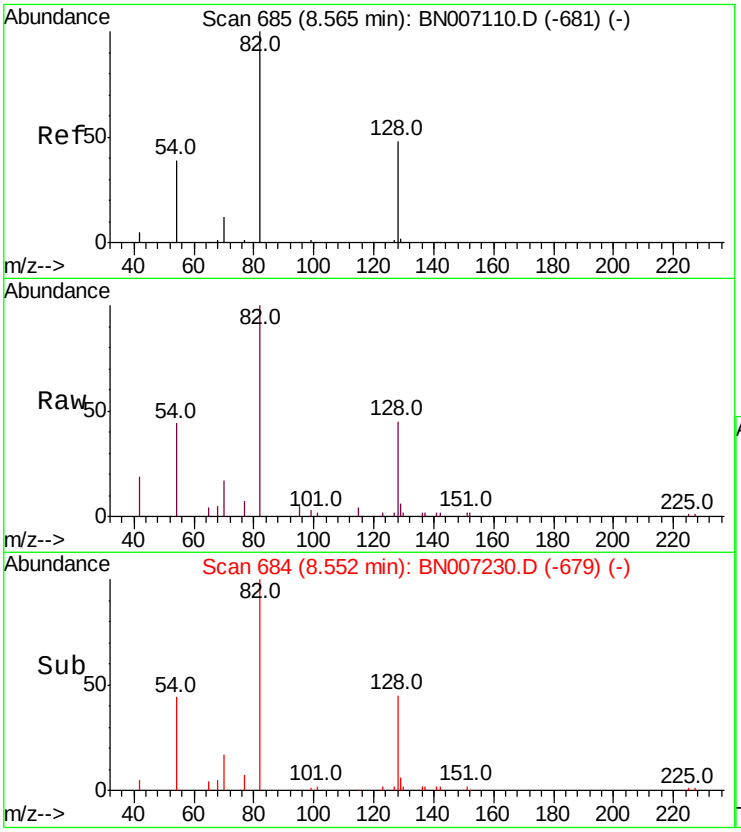



#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:136 Resp: 27388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.4 | 14.0 |
| 54 | 6.9 | 6.6 | 9.8 |
| 68 | 6.2 | 6.0 | 9.0 |

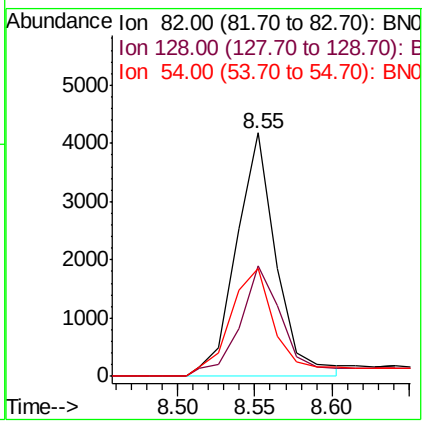





#7
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

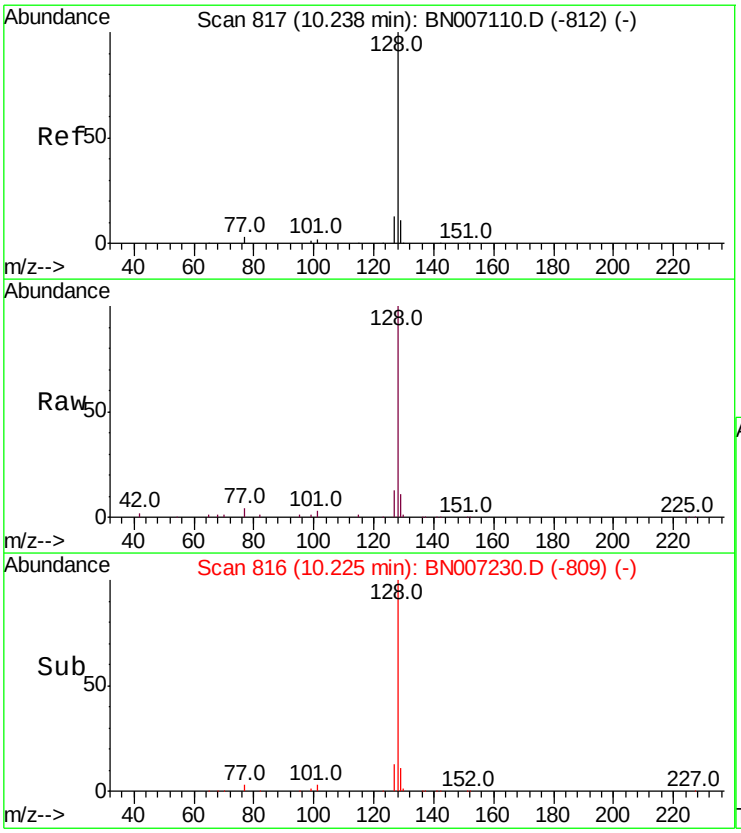
Tgt Ion: 82 Resp: 7268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.3 | 34.6 | 51.8 |
| 54 | 44.3 | 36.2 | 54.4 |




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

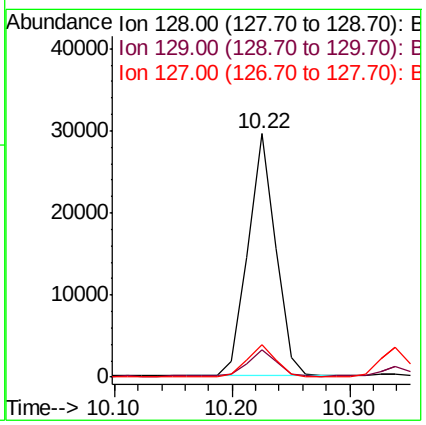
**Manual Integrations APPROVED**

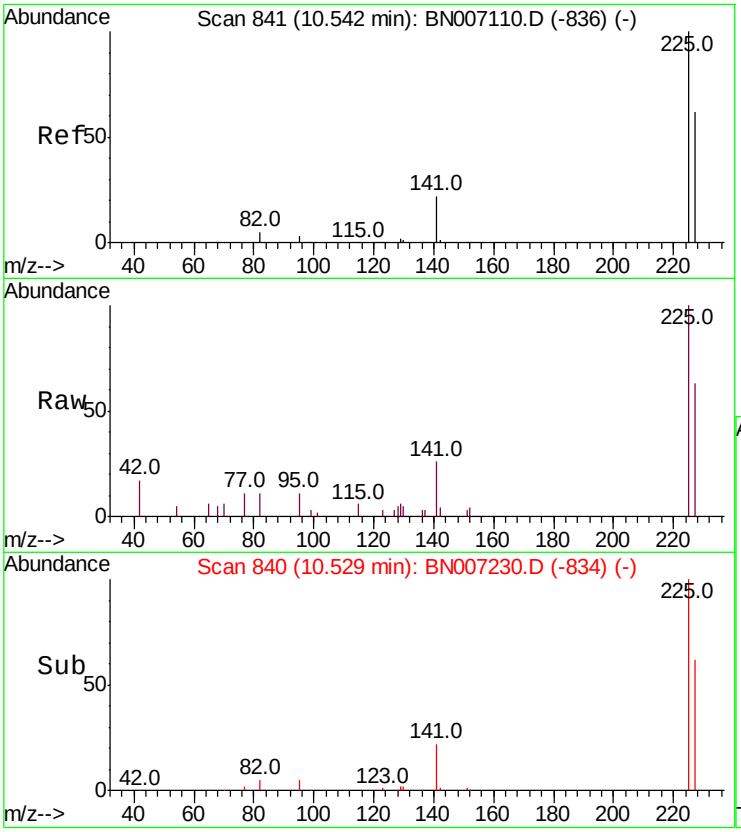



#8
Naphthalene
Concen: 0.633 ng
RT: 10.22 min Scan# 816
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:128 Resp: 48583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.4 | 14.2 |
| 127 | 13.4 | 11.0 | 16.6 |

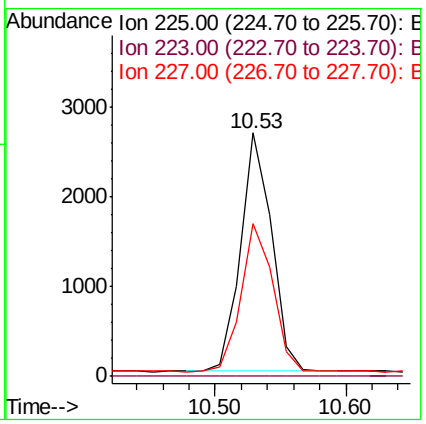





#9
Hexachlorobutadiene
Concen: 0.267 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.03 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

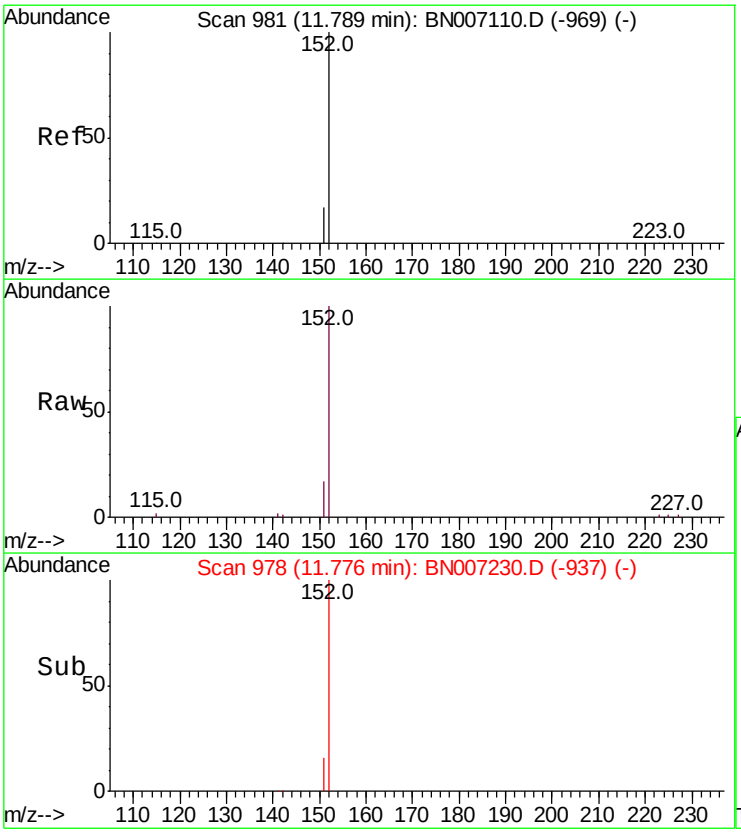
Tgt Ion:225 Resp: 4366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 63.3 | 51.1 | 76.7 |




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

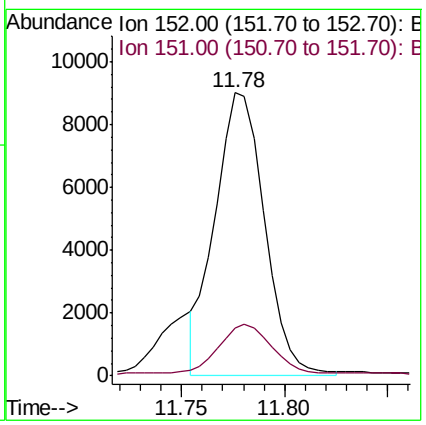
**Manual Integrations APPROVED**

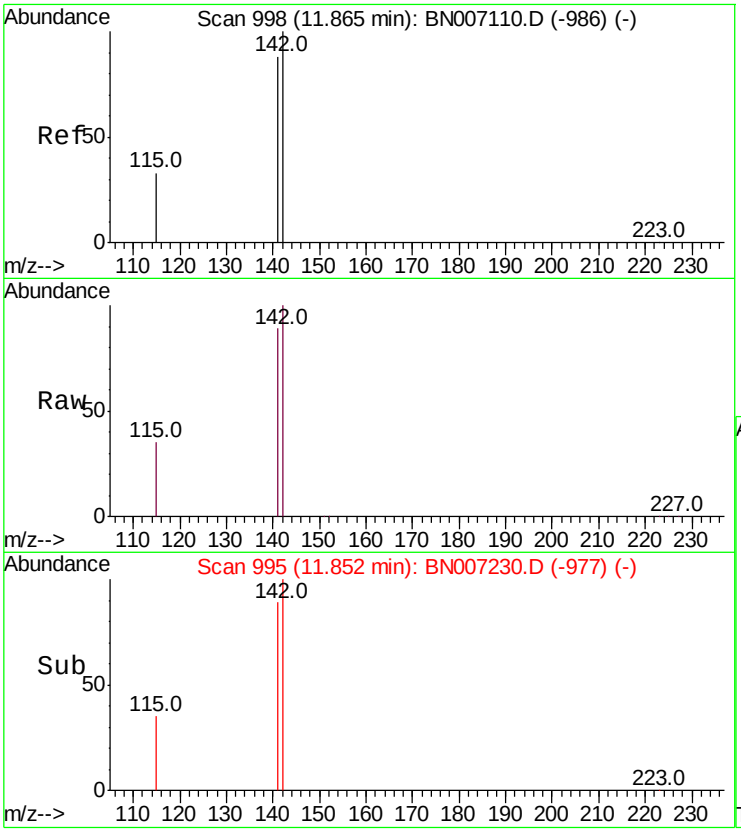



#10
2-Methylnaphthalene-d10
Concen: 0.297 ng m
RT: 11.78 min Scan# 978
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:152 Resp: 15186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.3 | 15.5 | 23.3 |

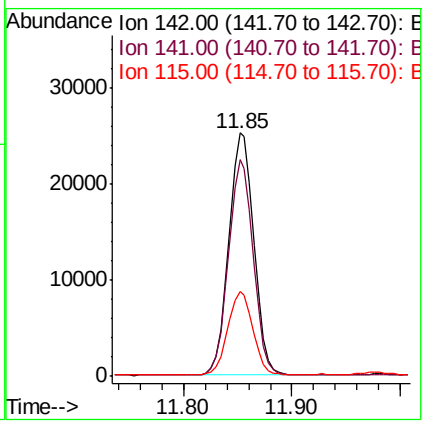





#11
2-Methylnaphthalene
Concen: 0.744 ng
RT: 11.85 min Scan# 995
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

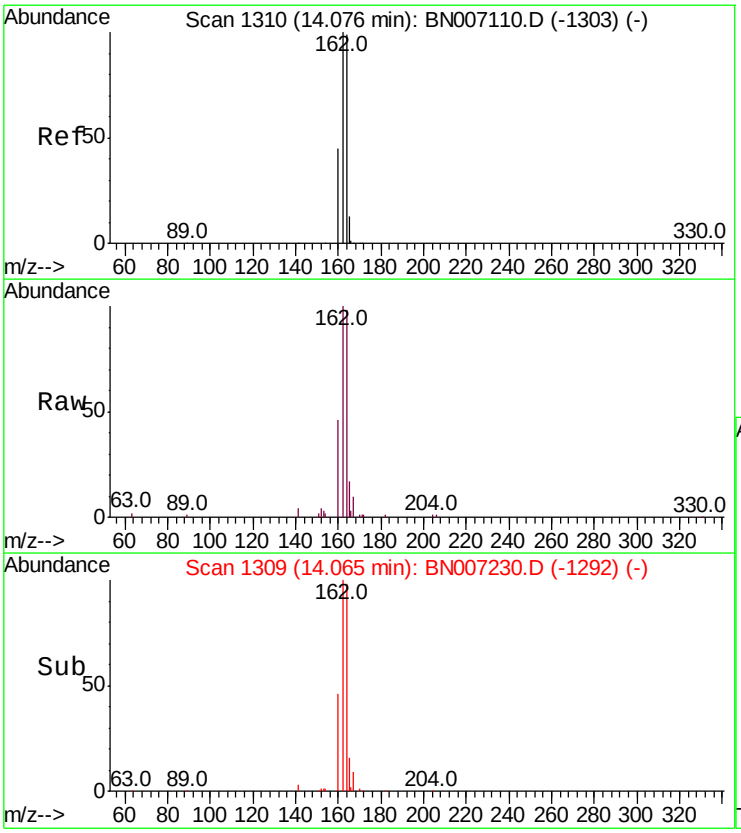
Tgt Ion:142 Resp: 40475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.0 | 69.0 | 103.6 |
| 115 | 35.1 | 27.1 | 40.7 |




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

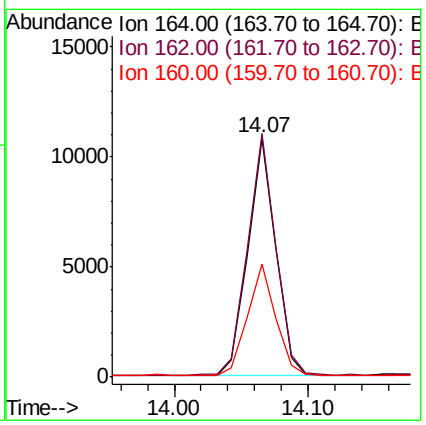
**Manual Integrations APPROVED**

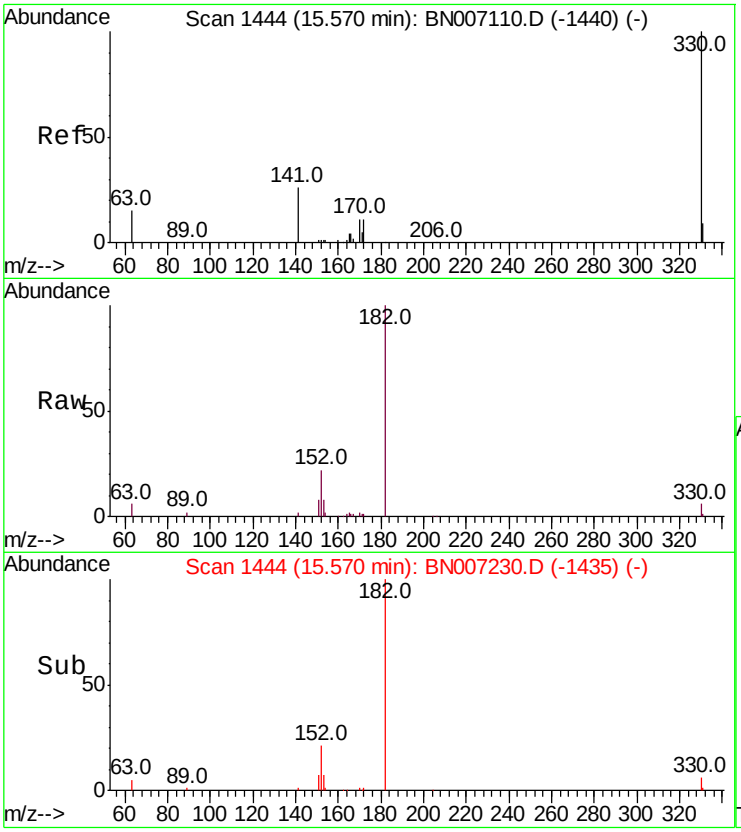



#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:164 Resp: 15639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.0 | 82.2 | 123.4 |
| 160 | 47.4 | 38.3 | 57.5 |





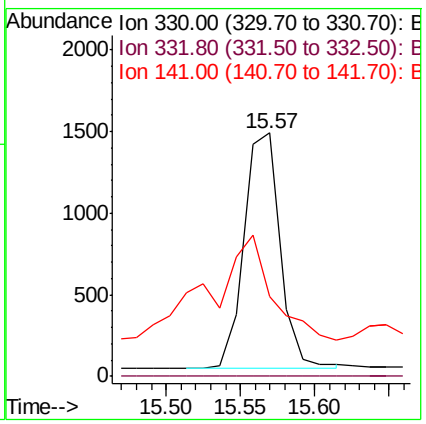

#13
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

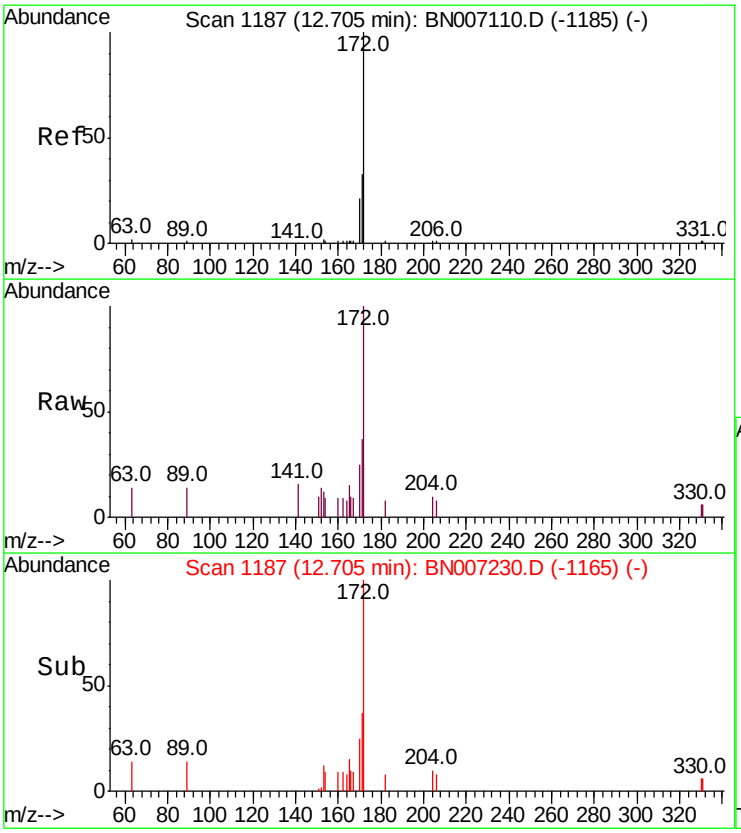
Tgt Ion:330 Resp: 2413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 77.9 | 33.6 | 50.4# |

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

**Manual Integrations APPROVED**

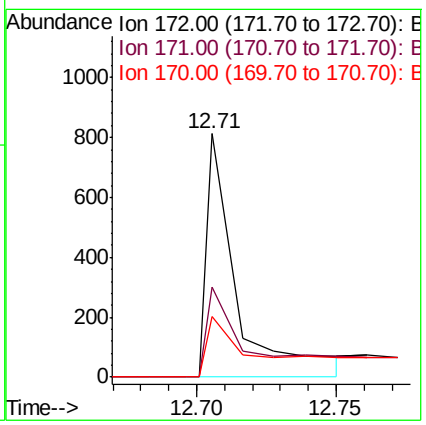


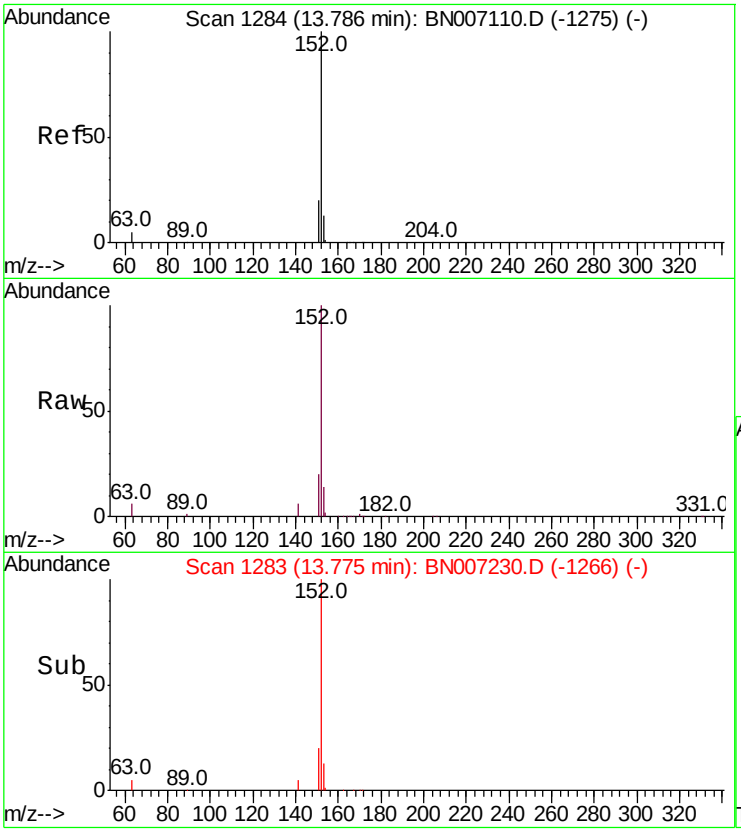




#14
2-Fluorobiphenyl
Concen: 0.027 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:172 Resp: 623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.1 | 26.3 | 39.5 |
| 170 | 25.1 | 17.0 | 25.4 |

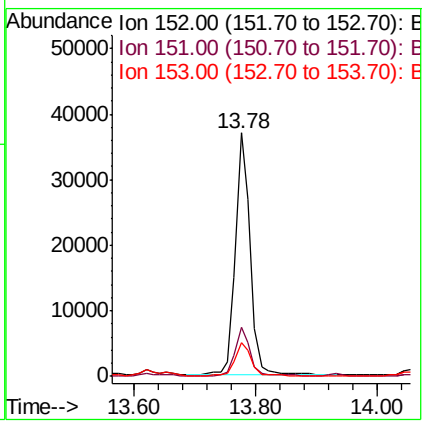





#15
Acenaphthylene
Concen: 0.751 ng
RT: 13.78 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

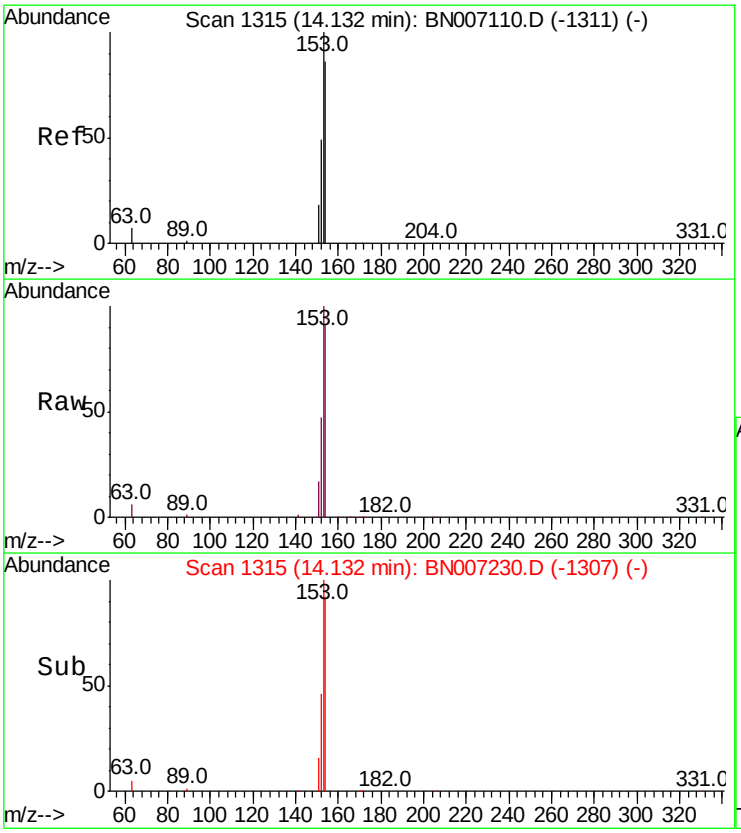
Tgt Ion:152 Resp: 61428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 15.8 | 23.6 |
| 153 | 14.3 | 10.4 | 15.6 |




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

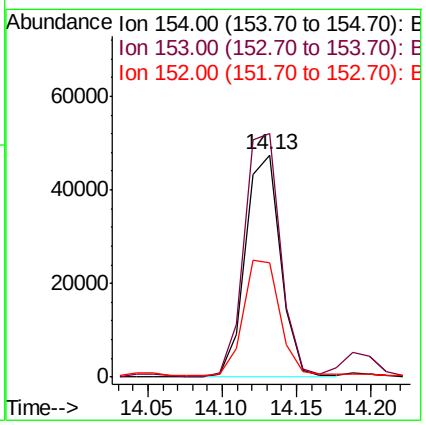
**Manual Integrations APPROVED**

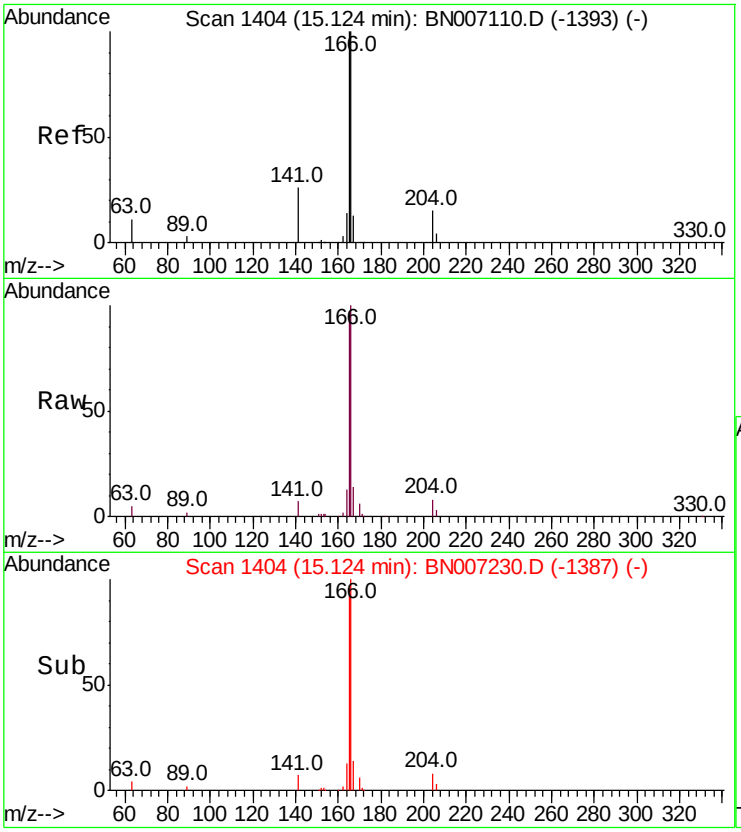



#16
Acenaphthene
Concen: 1.477 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:154 Resp: 77321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.1 | 89.5 | 134.3 |
| 152 | 55.8 | 44.8 | 67.2 |

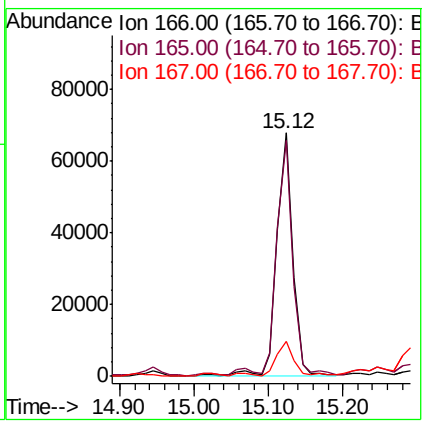





#17
Fluorene
Concen: 1.287 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

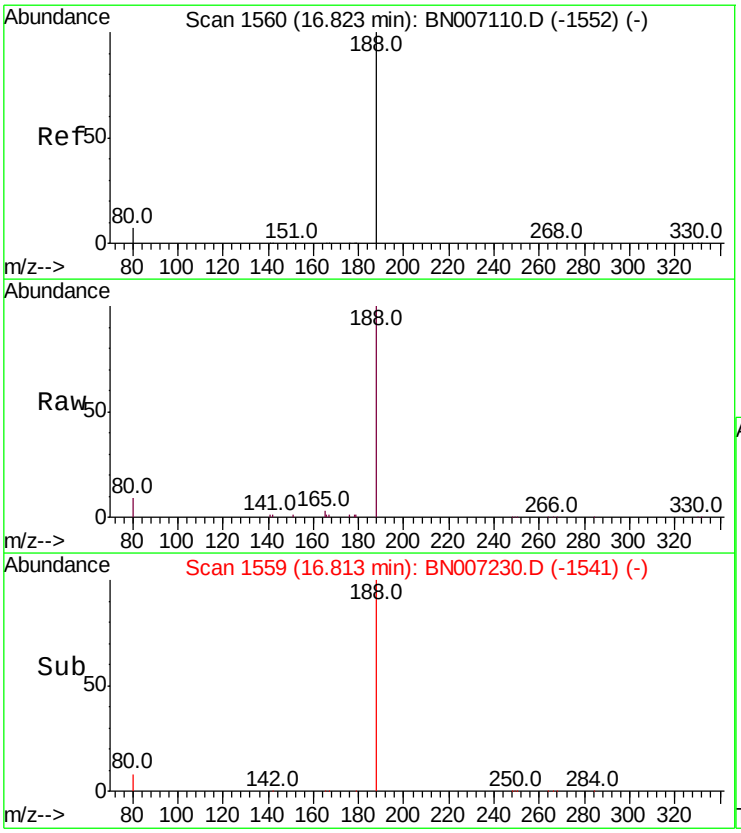
Tgt Ion:166 Resp: 100794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.9 | 77.9 | 116.9 |
| 167 | 14.0 | 10.9 | 16.3 |




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

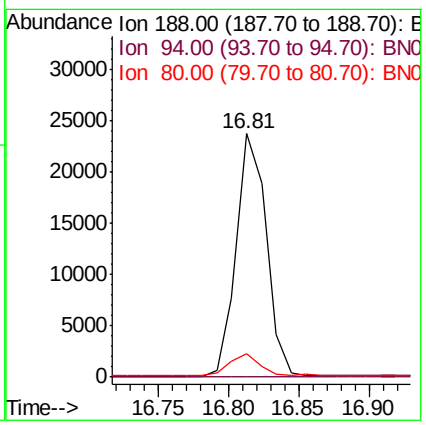
**Manual Integrations APPROVED**

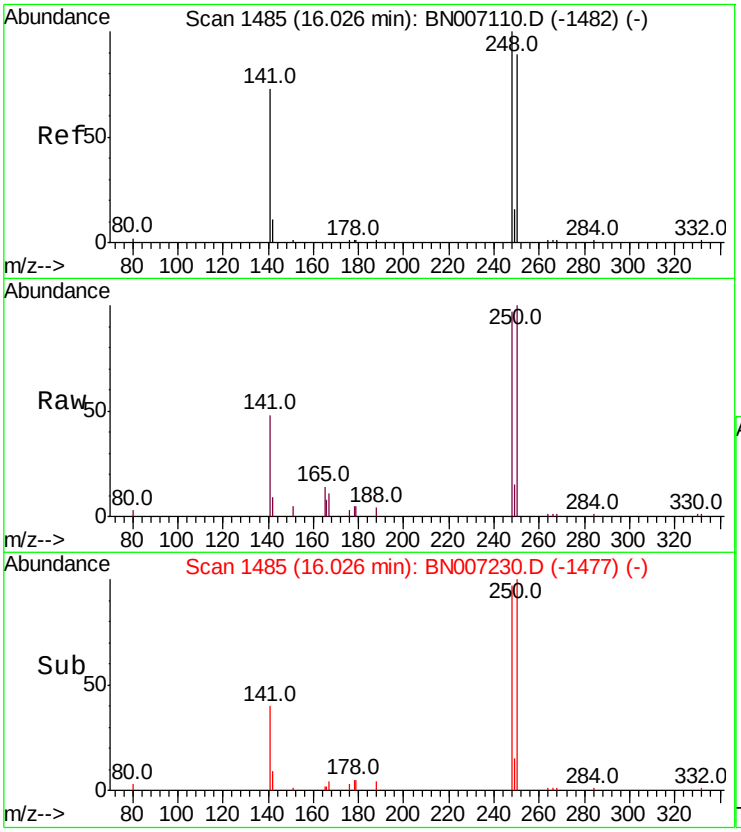



#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:188 Resp: 35117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 9.4 | 7.8 | 11.6 |

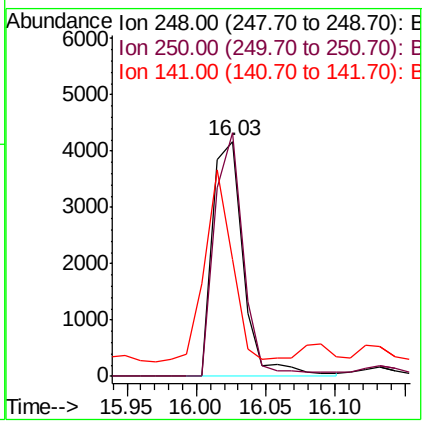





#19
4-Bromophenyl-phenylether
Concen: 0.295 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

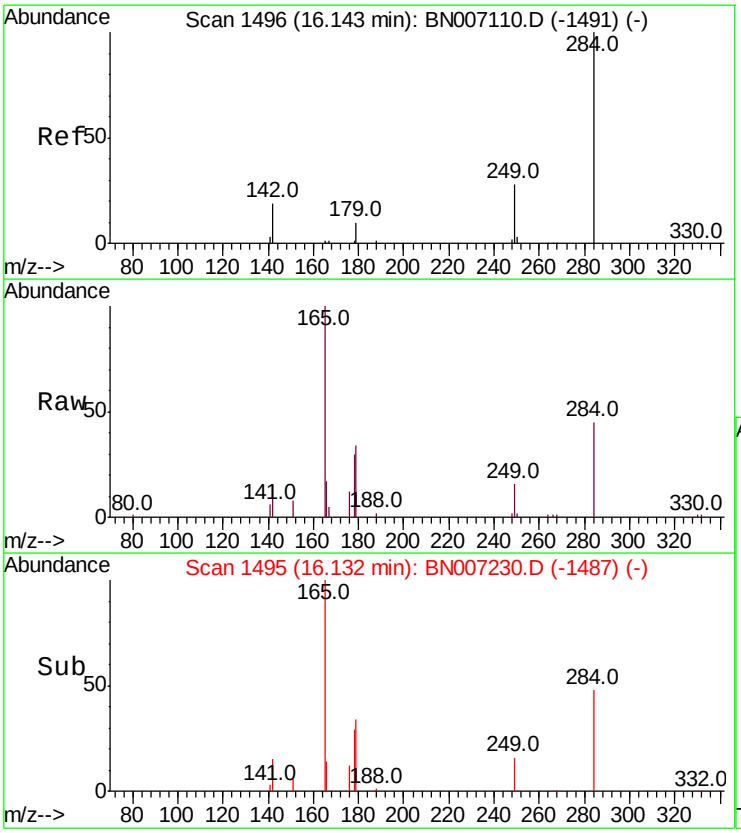
Tgt Ion:248 Resp: 6411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 103.6 | 78.9 | 118.3 |
| 141 | 49.7 | 43.3 | 64.9 |




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

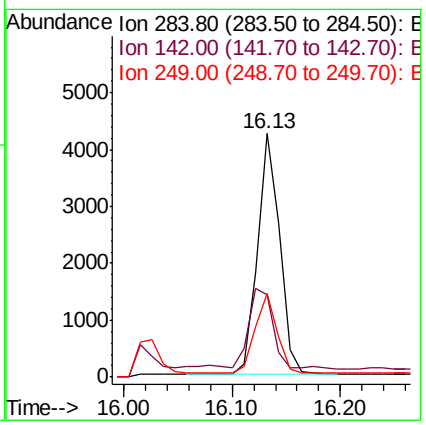
**Manual Integrations APPROVED**

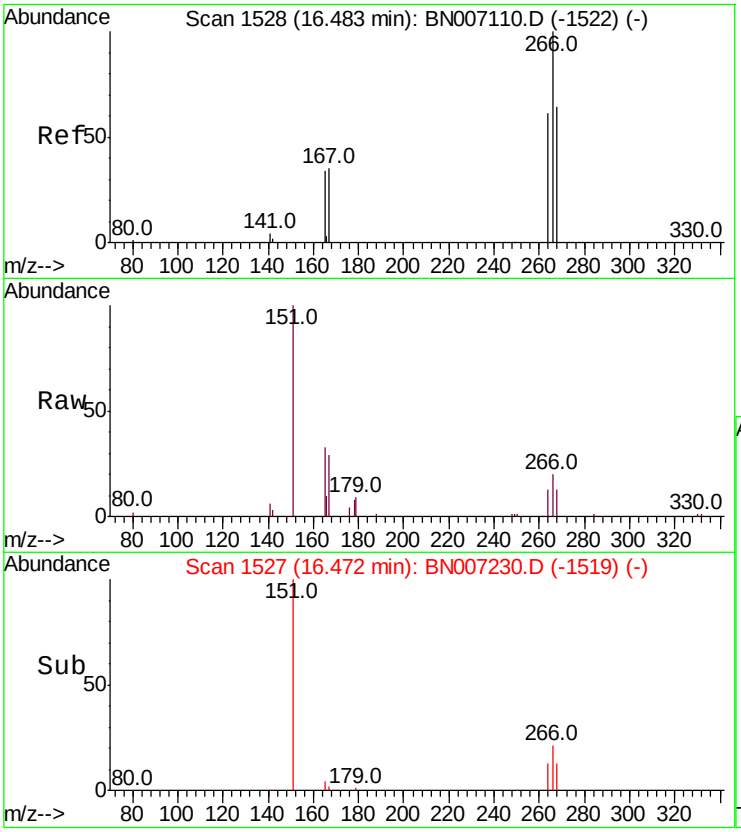



#20
Hexachlorobenzene
Concen: 0.284 ng
RT: 16.13 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:284 Resp: 5936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.5 | 30.5 | 45.7 |
| 249 | 32.9 | 26.7 | 40.1 |

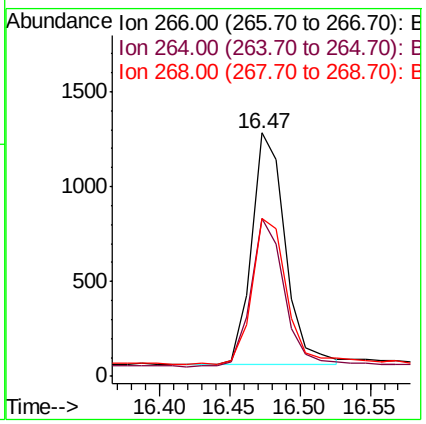





#21
Pentachlorophenol
Concen: 0.263 ng
RT: 16.47 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

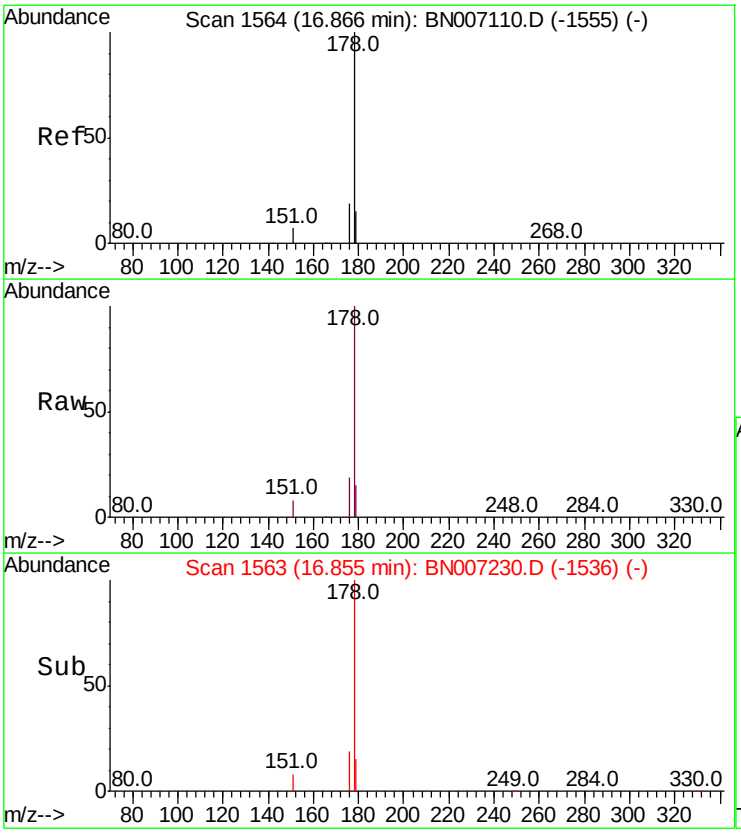
Tgt Ion:266 Resp: 2044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 64.9 | 52.3 | 78.5 |
| 268 | 64.8 | 51.5 | 77.3 |




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

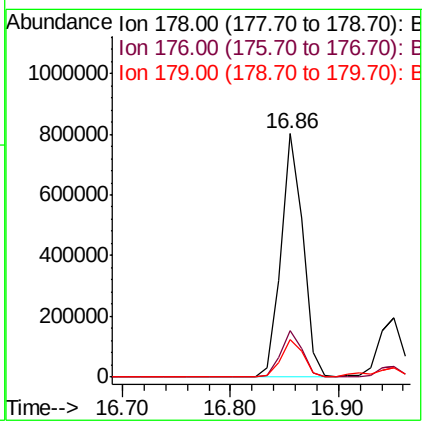
**Manual Integrations APPROVED**

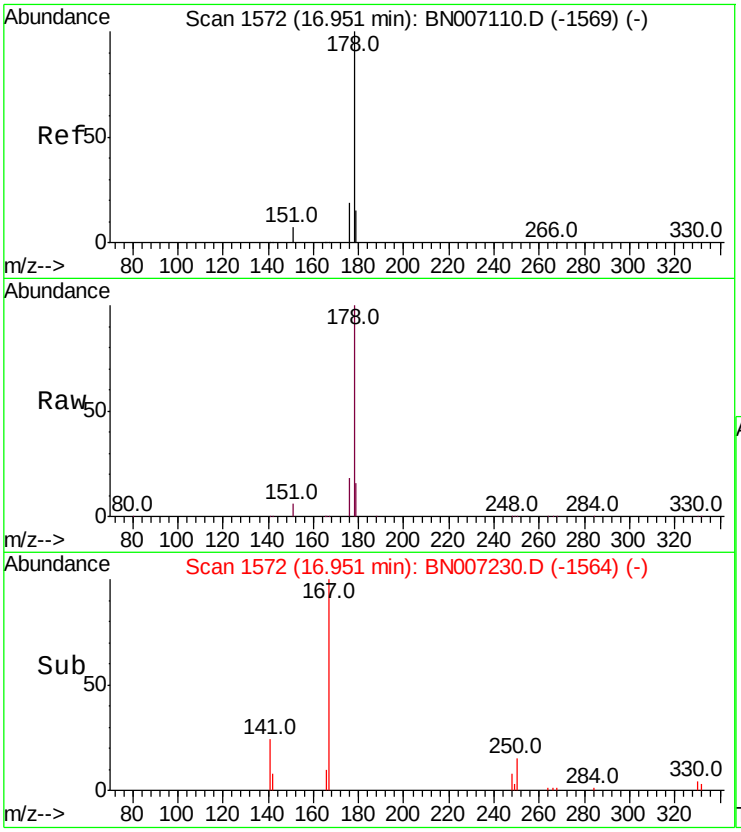



#22
Phenanthrene
Concen: 10.708 ng
RT: 16.86 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:178 Resp: 1126988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.2 | 22.8 |
| 179 | 15.5 | 12.3 | 18.5 |

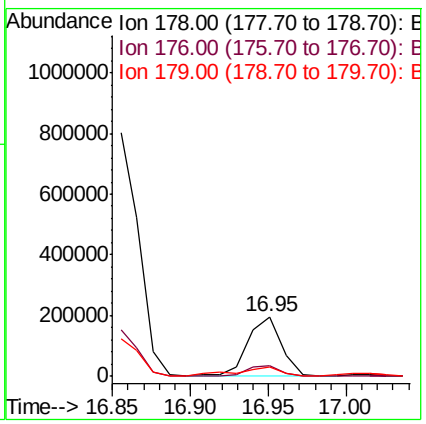





#23
Anthracene
Concen: 2.999 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

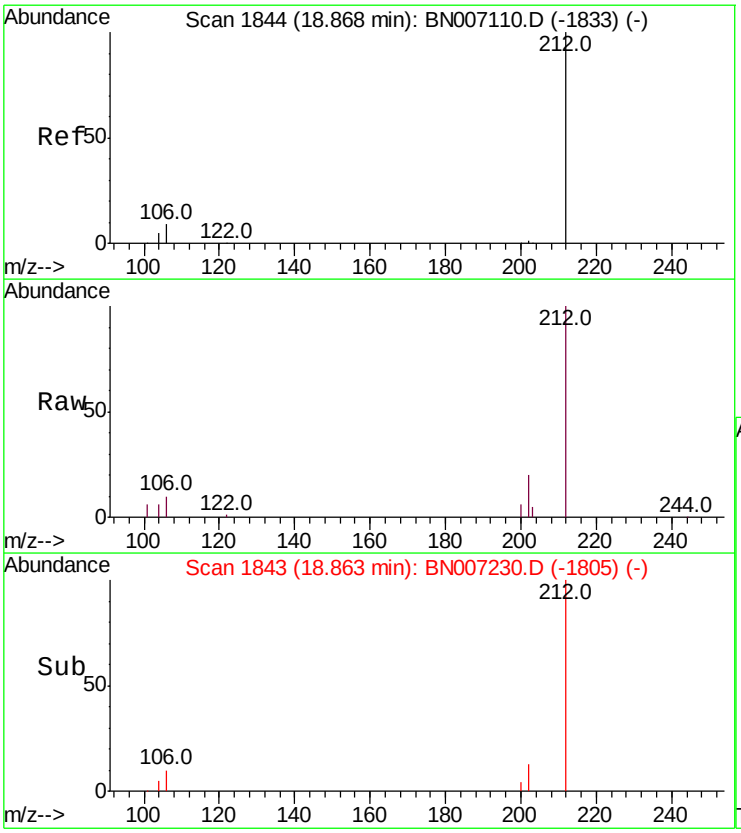
Tgt Ion:178 Resp: 288334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 14.6 | 21.8 |
| 179 | 20.7 | 12.5 | 18.7# |




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

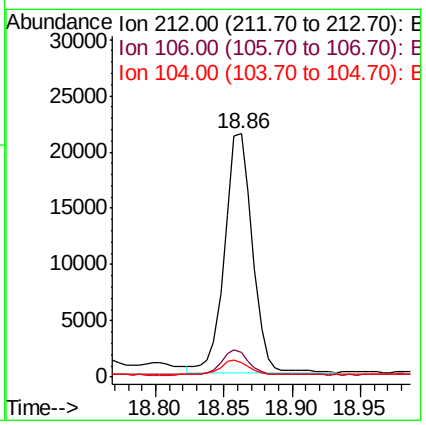
**Manual Integrations APPROVED**

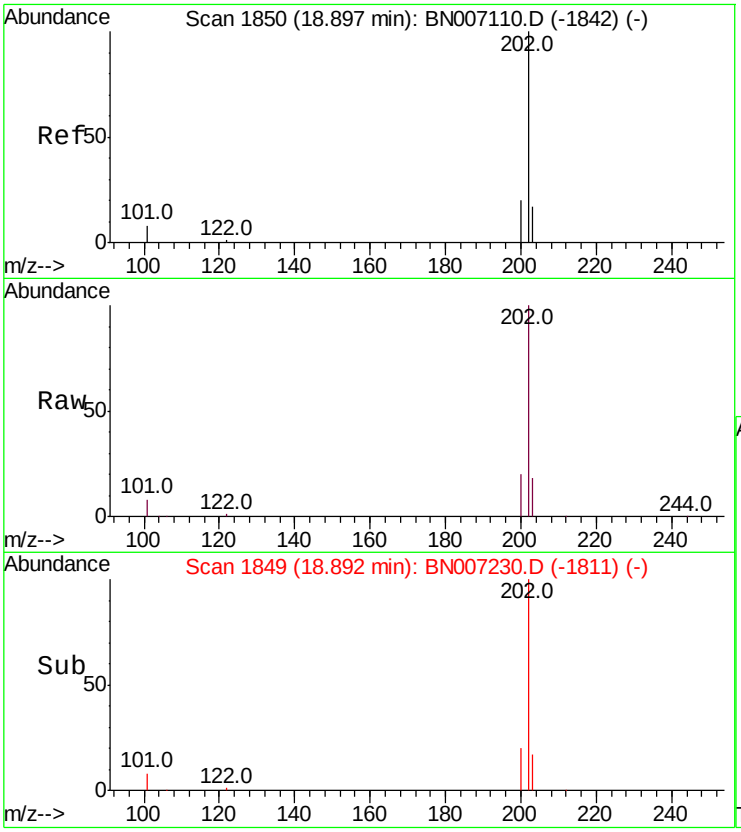



#24
Fluoranthene-d10
Concen: 0.239 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:212 Resp: 29721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 9.9 | 8.2 | 12.2 |
| 104 | 6.2 | 4.5 | 6.7 |

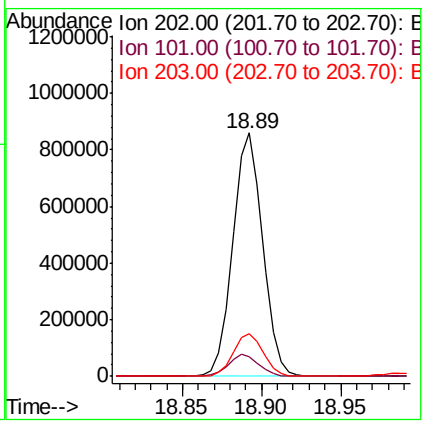





#25
Fluoranthene
Concen: 8.336 ng
RT: 18.89 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

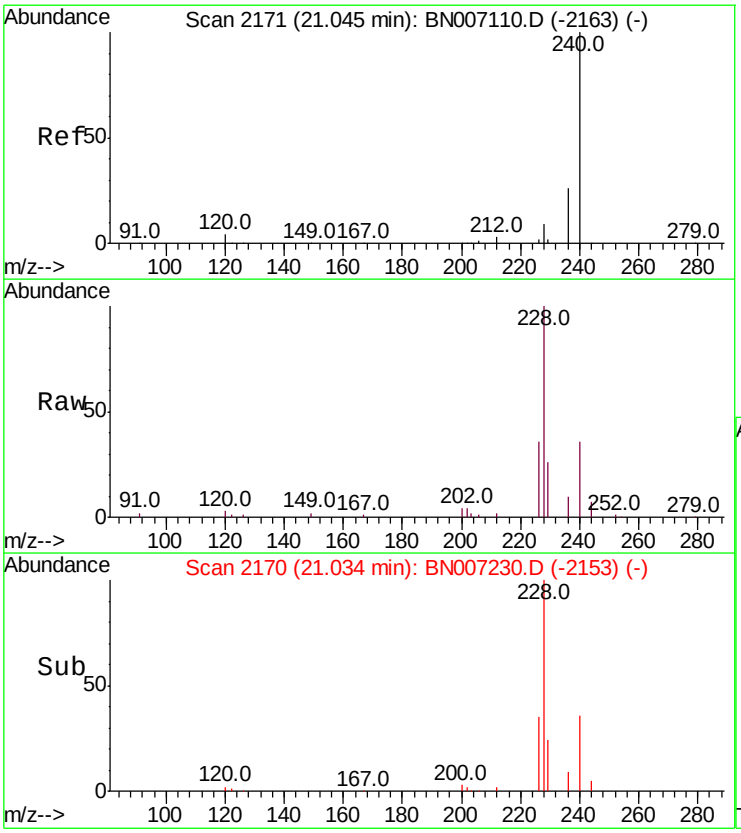
Tgt Ion:202 Resp: 1122222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.9 | 7.0 | 10.4 |
| 203 | 17.6 | 13.8 | 20.8 |




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

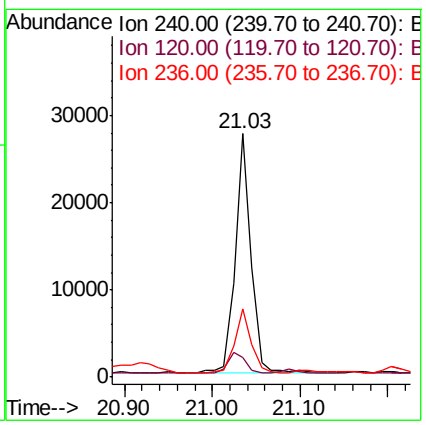
**Manual Integrations APPROVED**

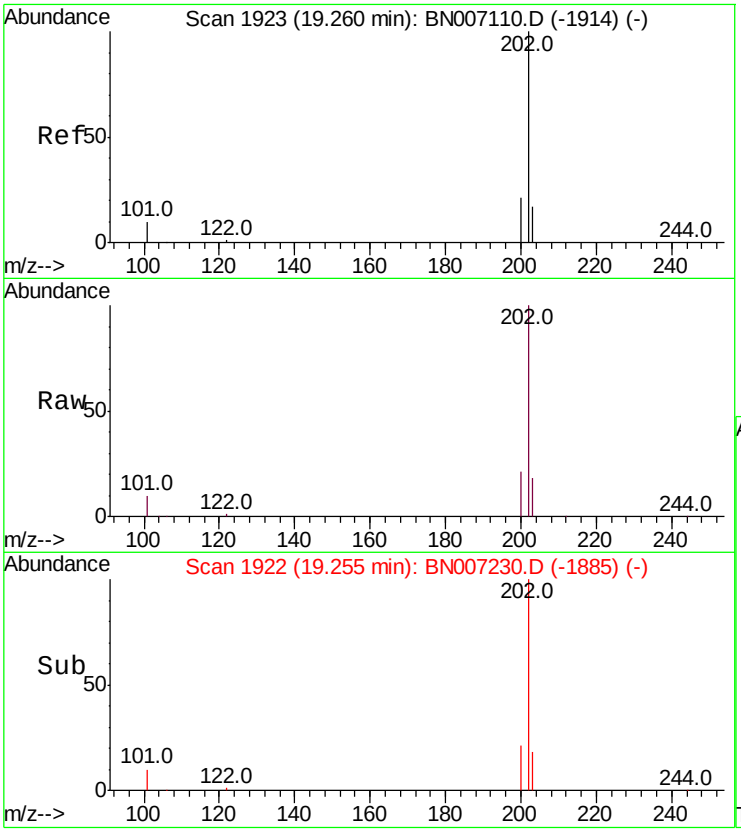



#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:240 Resp: 34400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.2 | 4.0 | 6.0# |
| 236 | 28.2 | 21.3 | 31.9 |





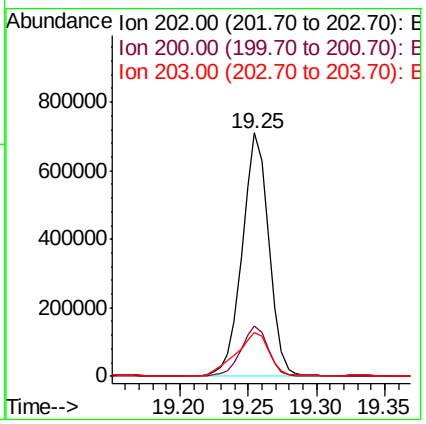

#27
Pyrene
Concen: 7.966 ng
RT: 19.25 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

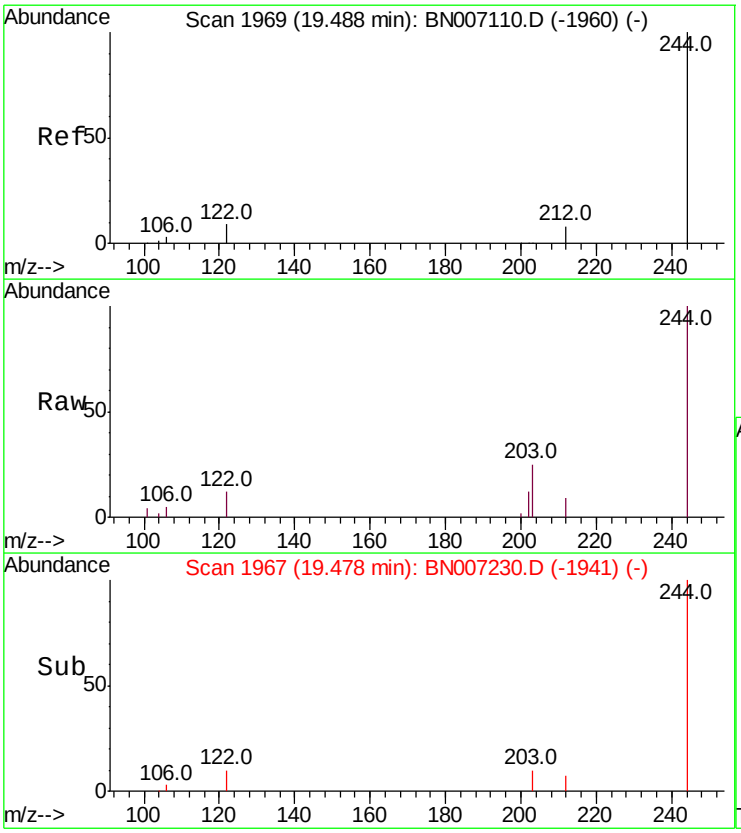
Tgt Ion:202 Resp: 960940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.6 | 24.8 |
| 203 | 22.8 | 14.0 | 21.0# |

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

**Manual Integrations APPROVED**

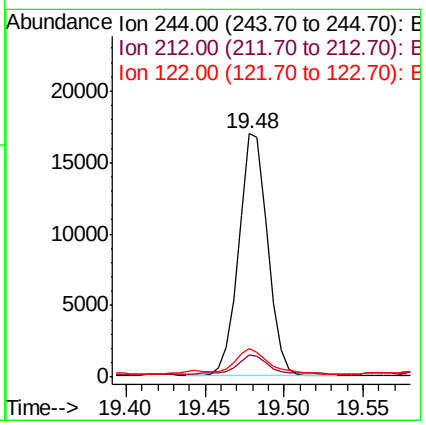


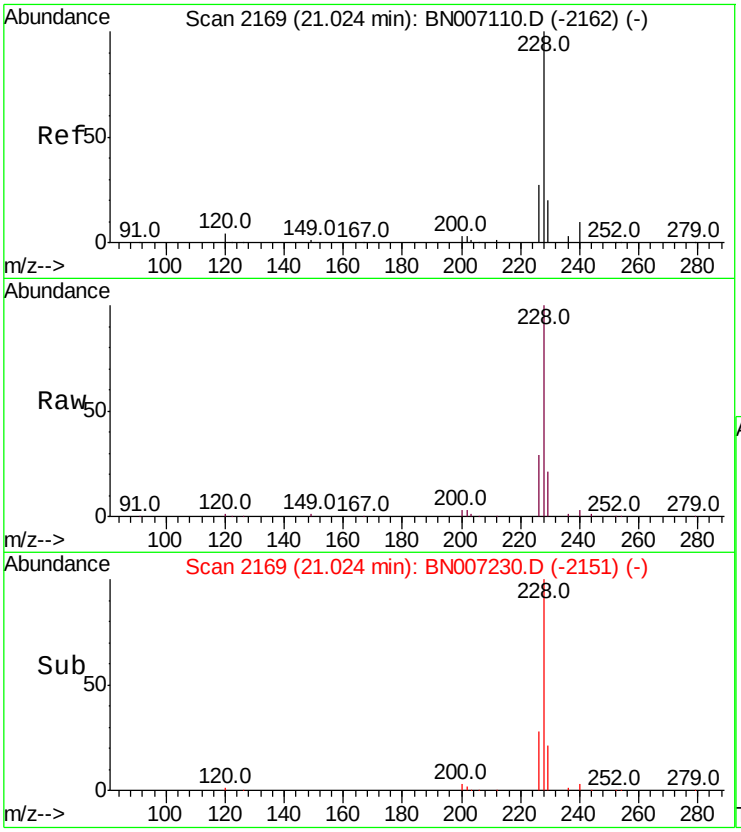




#28
Terphenyl-d14
Concen: 0.225 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:244 Resp: 21104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.0 | 6.2 | 9.2 |
| 122 | 12.0 | 7.4 | 11.2# |

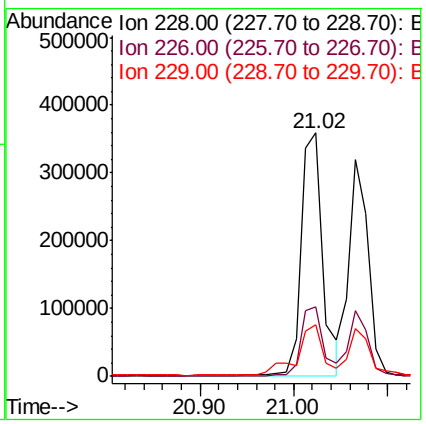





#29
Benzo(a)anthracene
Concen: 4.540 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

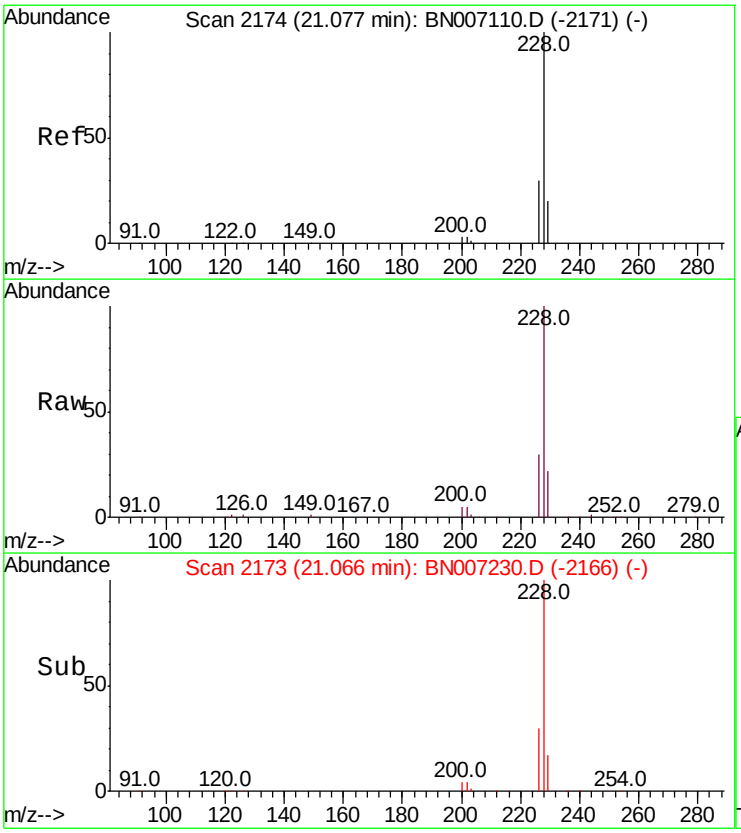
Tgt Ion:228 Resp: 571116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 21.8 | 32.6 |
| 229 | 21.3 | 15.6 | 23.4 |




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

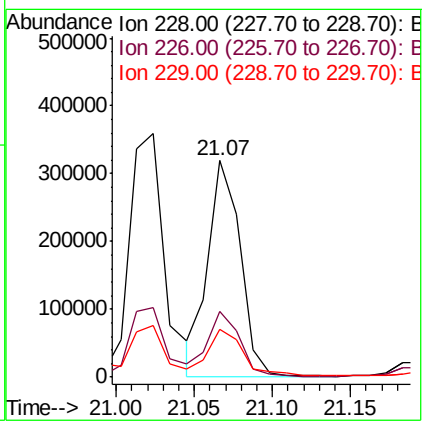
**Manual Integrations APPROVED**

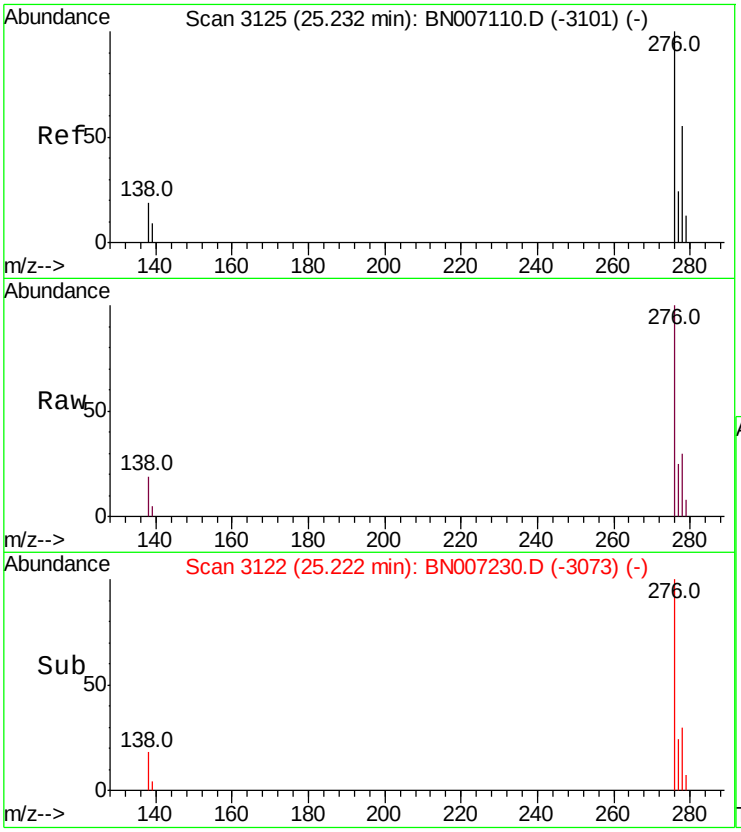



#30
Chrysene
Concen: 3.717 ng
RT: 21.07 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:228 Resp: 454281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 23.8 | 35.6 |
| 229 | 22.2 | 15.7 | 23.5 |





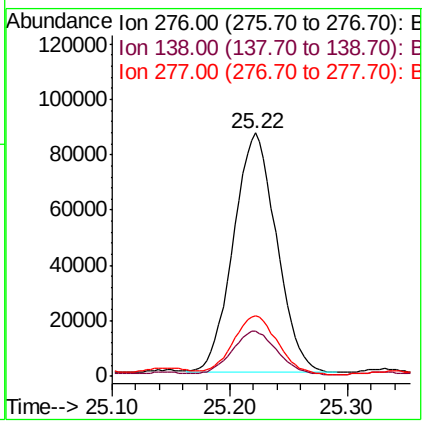

#31
Indeno(1,2,3-cd)pyrene
Concen: 1.641 ng
RT: 25.22 min Scan# 3122
Delta R.T. -0.03 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

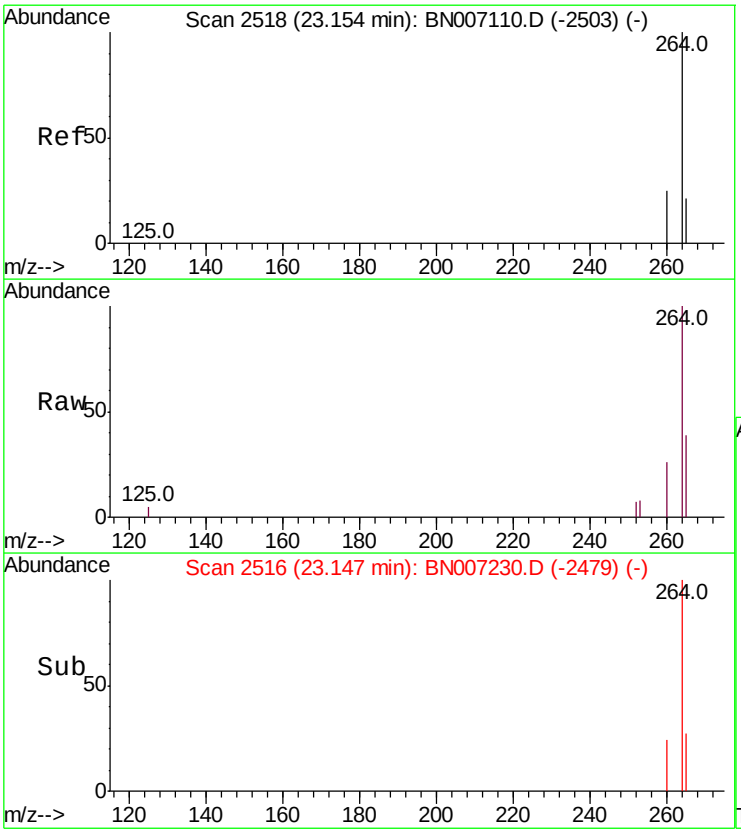
Tgt Ion:276 Resp: 221067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.9 | 16.0 | 24.0 |
| 277 | 25.0 | 19.9 | 29.9 |

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

**Manual Integrations APPROVED**

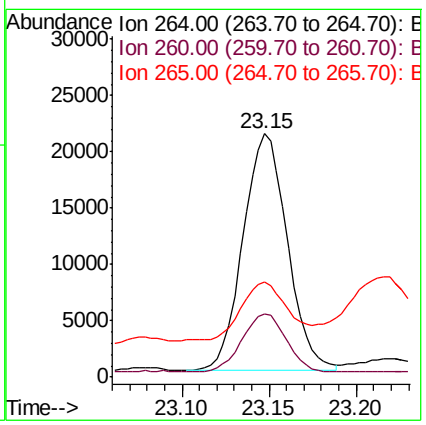


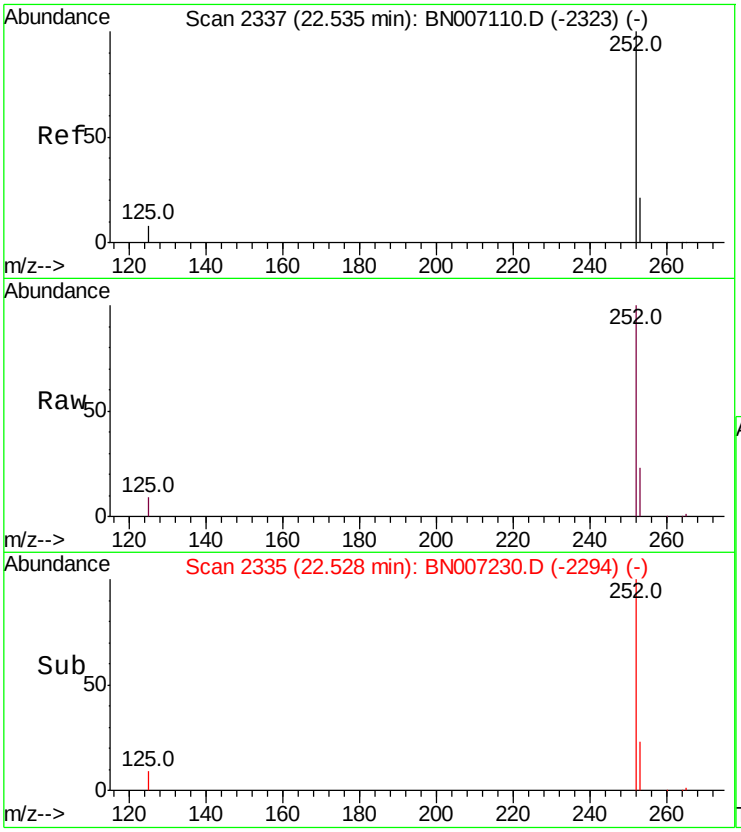




#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:264 Resp: 37106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.8 | 19.8 | 29.8 |
| 265 | 39.1 | 26.2 | 39.4 |





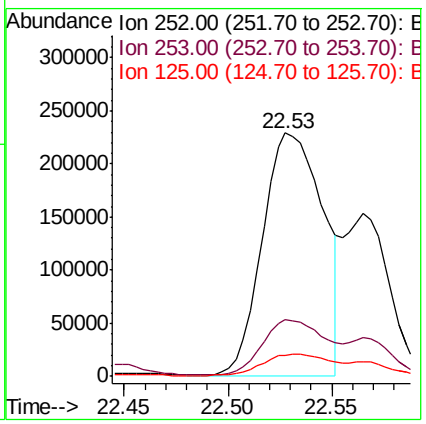

#33
Benzo(b)fluoranthene
Concen: 3.664 ng m
RT: 22.53 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

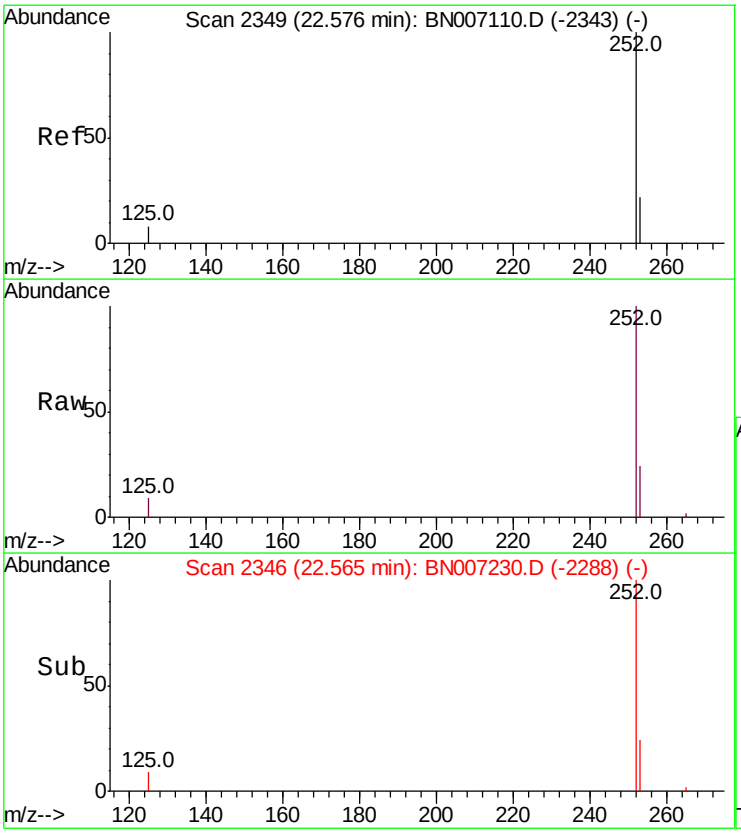
Tgt Ion:252 Resp: 466233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.2 | 27.2 |
| 125 | 8.8 | 7.4 | 11.0 |

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

**Manual Integrations APPROVED**

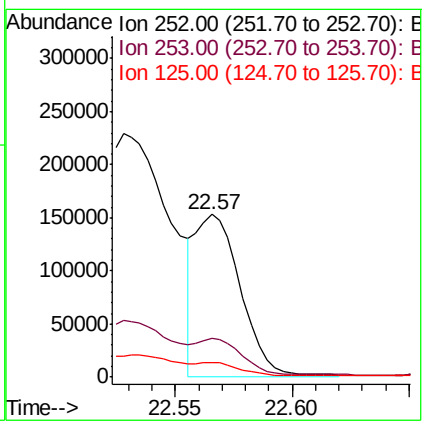


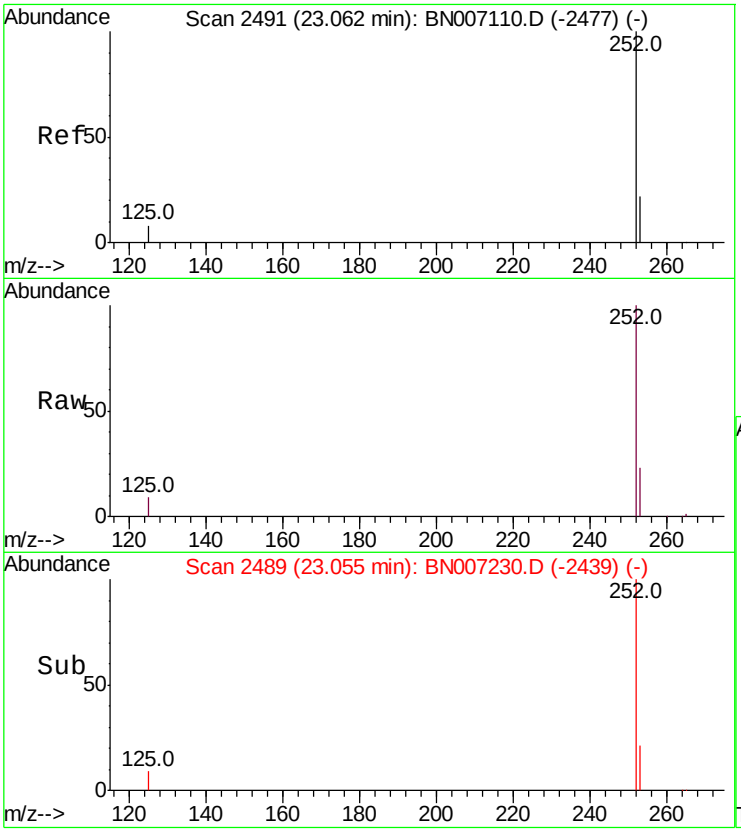




#34
Benzo(k)fluoranthene
Concen: 1.654 ng m
RT: 22.57 min Scan# 2346
Delta R.T. -0.02 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:252 Resp: 207810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.1 | 27.1 |
| 125 | 8.9 | 7.4 | 11.0 |

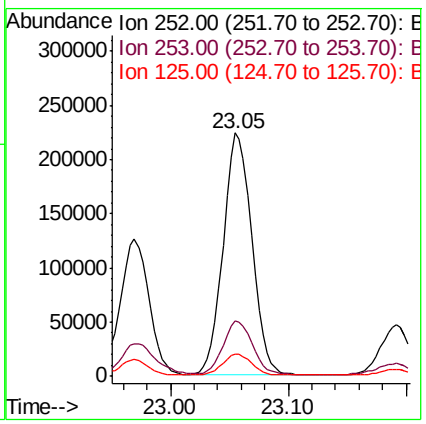





#35
Benzo(a)pyrene
Concen: 3.261 ng
RT: 23.05 min Scan# 2489
Delta R.T. -0.03 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

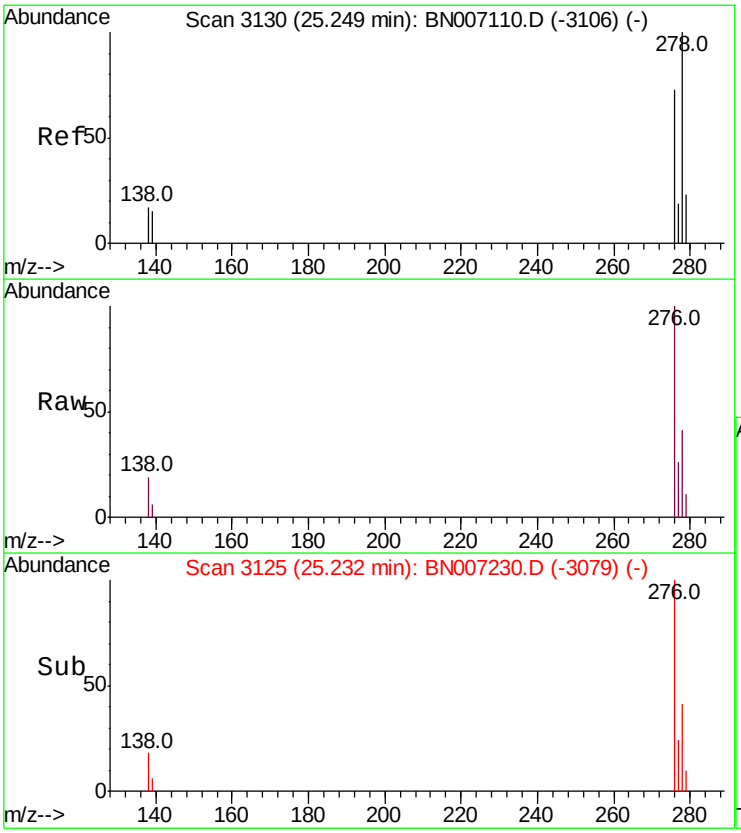
Tgt Ion:252 Resp: 376211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 18.5 | 27.7 |
| 125 | 9.4 | 8.2 | 12.4 |




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

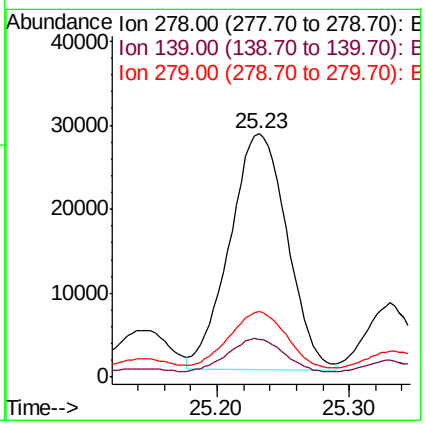
**Manual Integrations APPROVED**

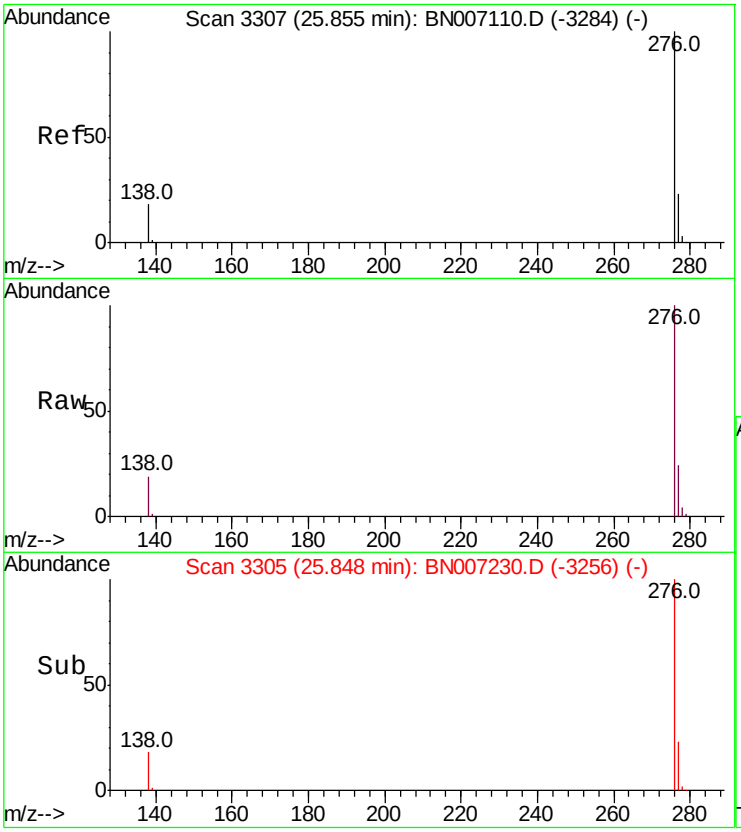



#36
Dibenzo(a,h)anthracene
Concen: 0.742 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.04 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:278 Resp: 85354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.6 | 11.3 | 16.9 |
| 279 | 26.8 | 19.3 | 28.9 |

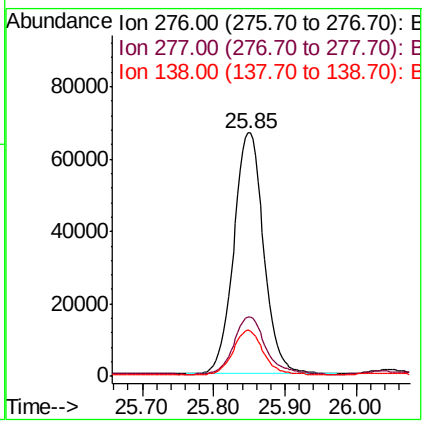





#37
Benzo(g,h,i)perylene
Concen: 1.637 ng
RT: 25.85 min Scan# 3305
Delta R.T. -0.03 min
Lab File: BN007230.D
Acq: 16 Aug 2019 19:25

Tgt Ion:276 Resp: 193814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 19.8 | 29.8 |
| 138 | 18.8 | 14.6 | 22.0 |




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

**Manual Integrations APPROVED**