Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009634.D
Acq On : 07 Feb 2020 06:35
Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** GAT68

Quant Time: Feb 07 11:16:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 213484 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.19 | 136 | 904583 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.07 | 164 | 549946 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.83 | 188 | 1098276 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.04 | 240 | 969250 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.16 | 264 | 1070144 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.09 | 96 | 603 | 0.12 | ng/uL | 0.02 |
| 5) Phenol-d5 | 6.64 | 99 | 21145 | 1.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.80 | 67 | 13588 | 1.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.98 | 132 | 15746 | 1.15 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.16 | 113 | 15420 | 1.04 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.59 | 128 | 6459 | 0.96 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.30 | 143 | 7307 | 0.97 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 9.83 | 165 | 14789 | 1.05 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.35 | 131 | 4131 | 0.27 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6 | 13.50 | 166 | 50694 | 1.26 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.76 | 160 | 61553 | 1.27 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.29 | 143 | 813 | 0.11 | ng/ul | -0.01 |
| 57) Fluorene-d10 | 15.07 | 176 | 45687 | 1.29 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 4255 | 0.62 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 16.83 | 188 | 1098276 | 22.01 | ng/ul | -0.10 |
| 78) Pyrene-d10 | 19.23 | 212 | 71131 | 1.40 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.03 | 264 | 70330 | 1.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 34) 2-Methylnaphthalene | 11.71 | 142 | 44986 | 1.31 | ng/ul | 91 |
| 47) Acenaphthylene | 13.79 | 152 | 779352 | 14.68 | ng/ul | 99 |
| 71) Anthracene | 16.96 | 178 | 348949 | 5.49 | ng/ul | 98 |
| 76) Fluoranthene | 18.90 | 202 | 2055422 | 28.75 | ng/ul | 98 |
| 79) Pyrene | 19.27 | 202 | 5188422 | 73.33 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.08 | 228 | 1549279 | 23.15 | ng/ul | 93 |
| 84) Chrysene | 21.08 | 228 | 1551763 | 23.29 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.54 | 252 | 1981585 | 29.60 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.54 | 252 | 1981585 | 30.05 | ng/ul# | 97 |
| 90) Benzo(a)pyrene | 23.07 | 252 | 1626618 | 26.22 | ng/ul | 97 |
| 91) Indeno(1,2,3-cd)pyrene | 25.23 | 276 | 888824 | 12.05 | ng/ul | 93 |
| 92) Dibenzo(a,h)anthracene | 25.23 | 278 | 280135 | 4.51 | ng/ul# | 84 |
| 93) Benzo(g,h,i)perylene | 25.86 | 276 | 911348 | 14.74 | ng/ul | 96 |

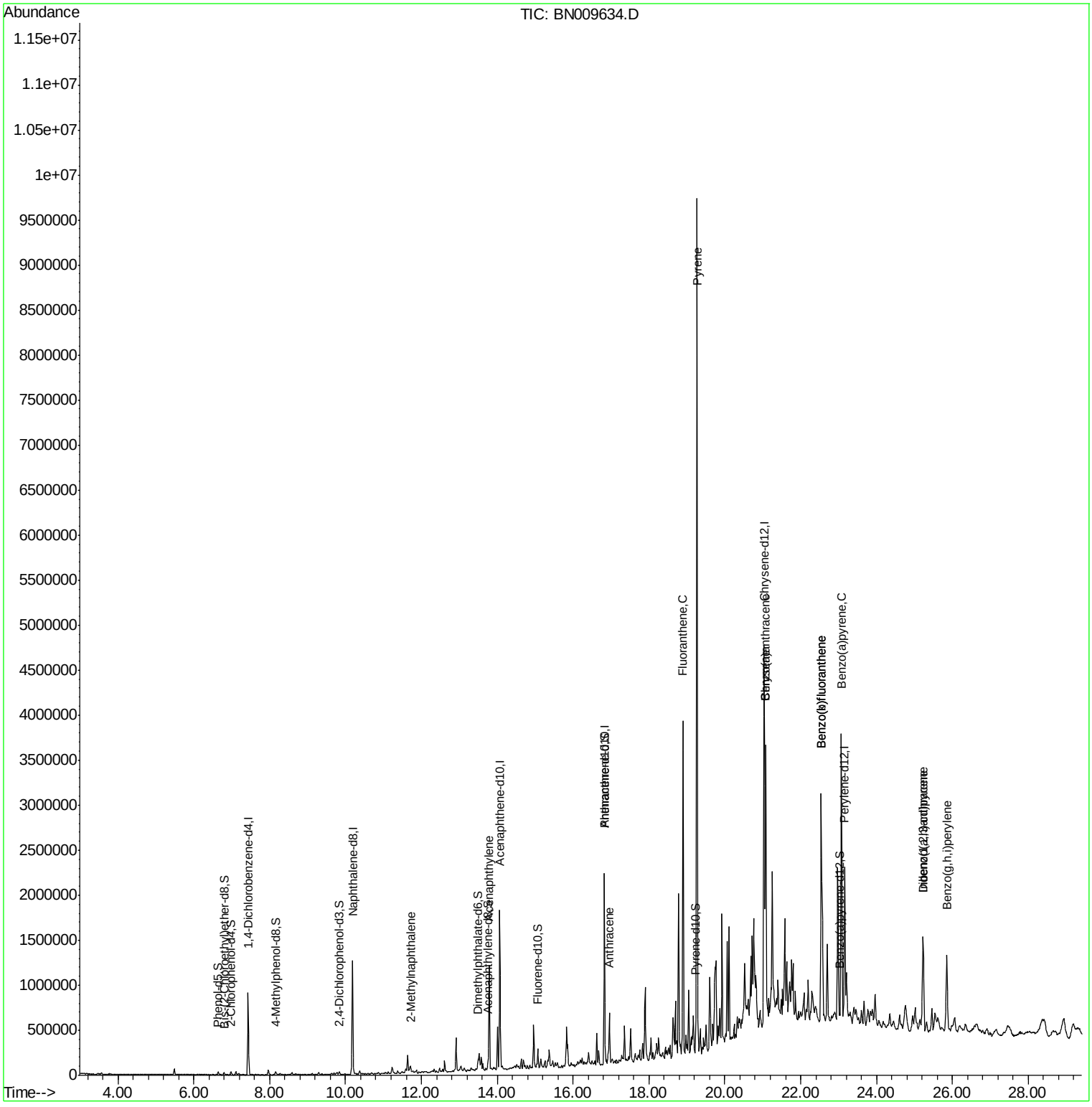
(#) = qualifier out of range (m) = manual integration (+) = signals summed

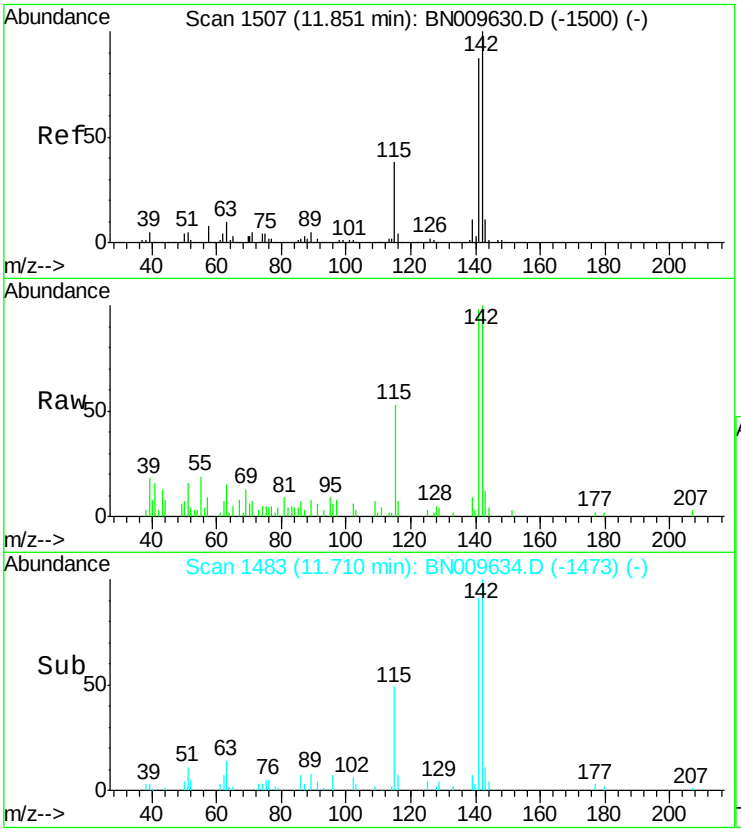
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009634.D
Acq On : 07 Feb 2020 06:35
Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
GAT68

Quant Time: Feb 07 11:16:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



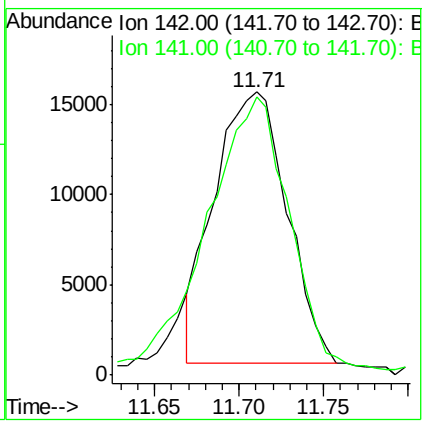


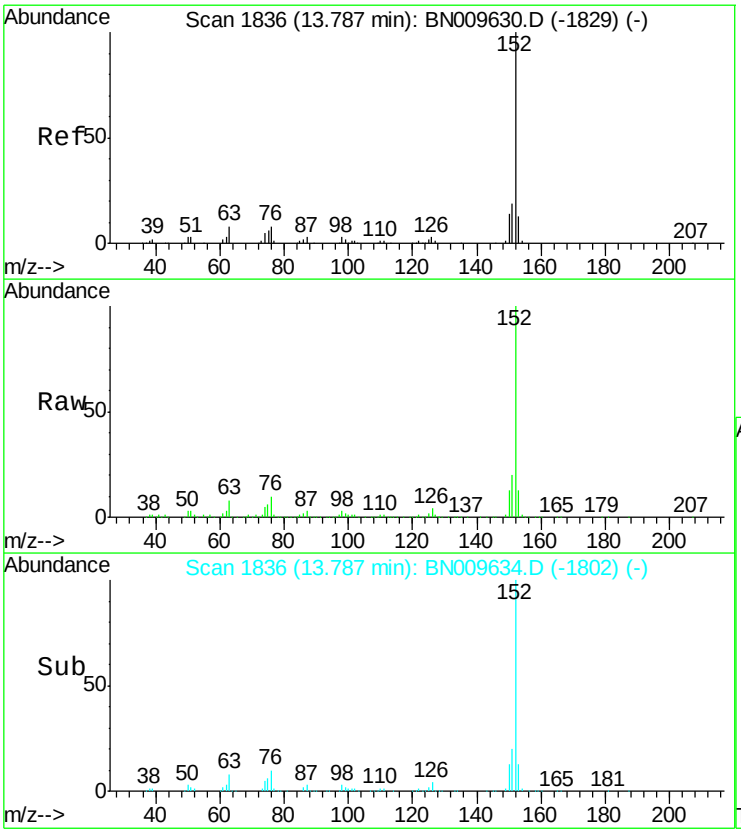

#34
2-Methylnaphthalene
Concen: 1.31 ng/ul
RT: 11.71 min Scan# 1483
Delta R.T. -0.14 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

**Instrument :**
BNA_N
**ClientSampleId :**
GAT68

Tgt Ion:142 Resp: 44986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 98.2 | 71.5 | 107.3 |

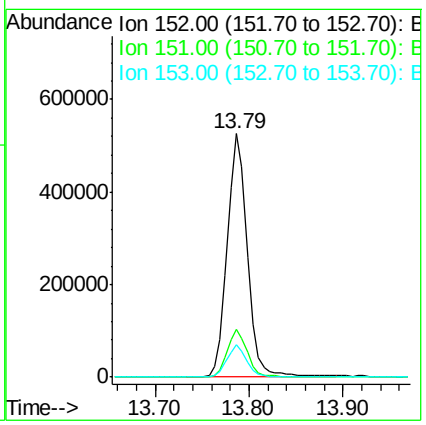


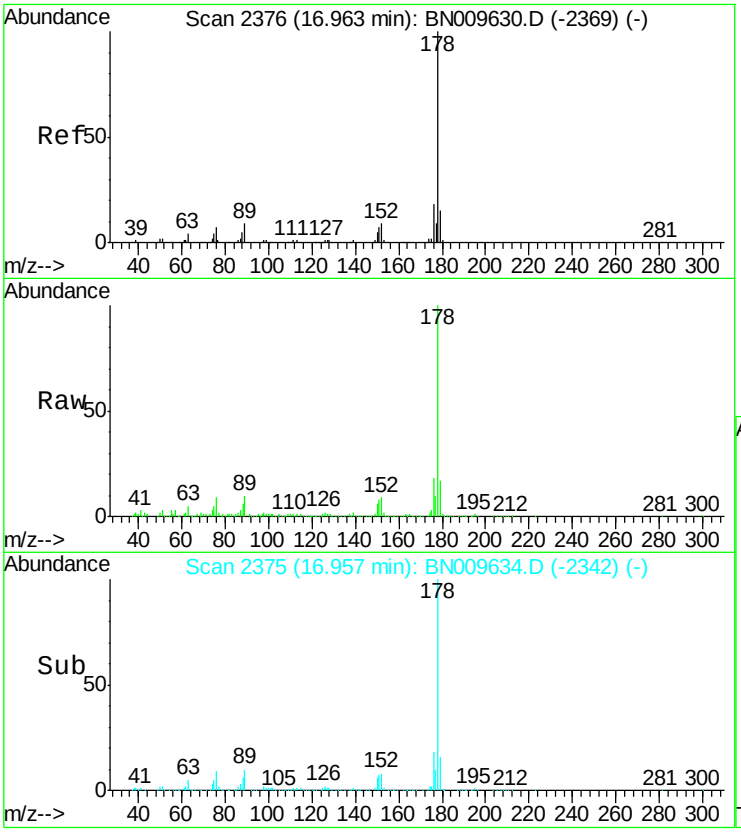




#47
Acenaphthylene
Concen: 14.68 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

Tgt Ion:152 Resp: 779352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 16.2 | 24.2 |
| 153 | 13.2 | 10.6 | 15.8 |



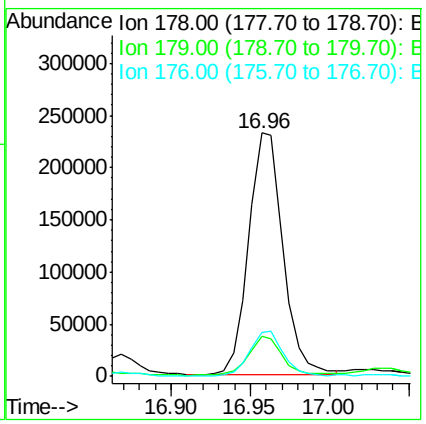


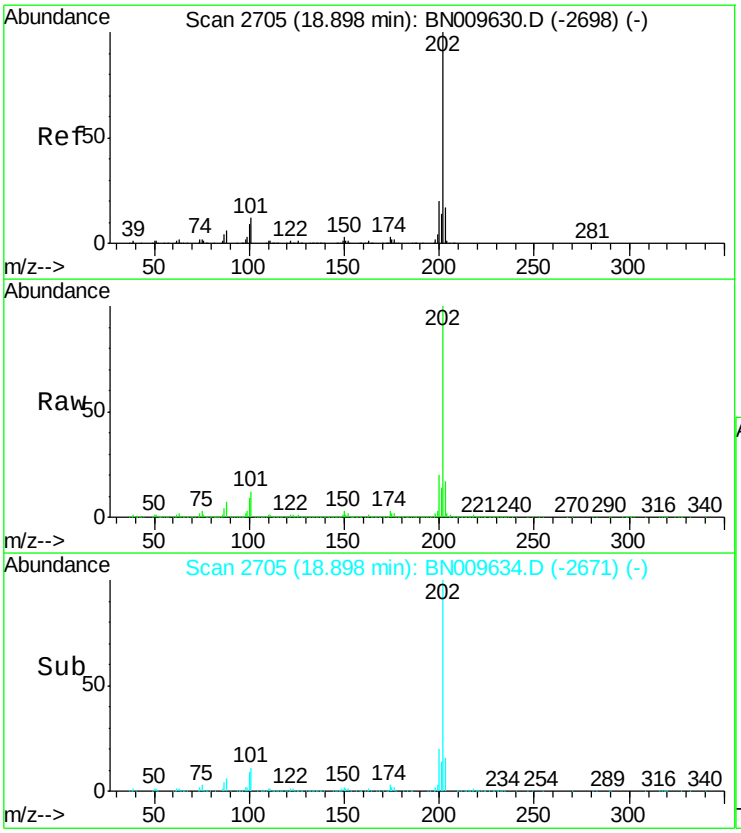

#71
Anthracene
Concen: 5.49 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

**Instrument :**
BNA_N
**ClientSampleId :**
GAT68

Tgt Ion:178 Resp: 348949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.5 | 12.1 | 18.1 |
| 176 | 18.1 | 14.6 | 21.8 |

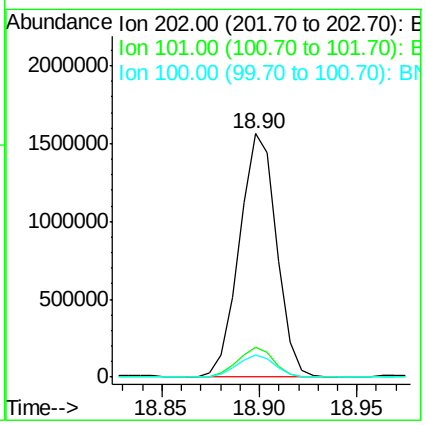


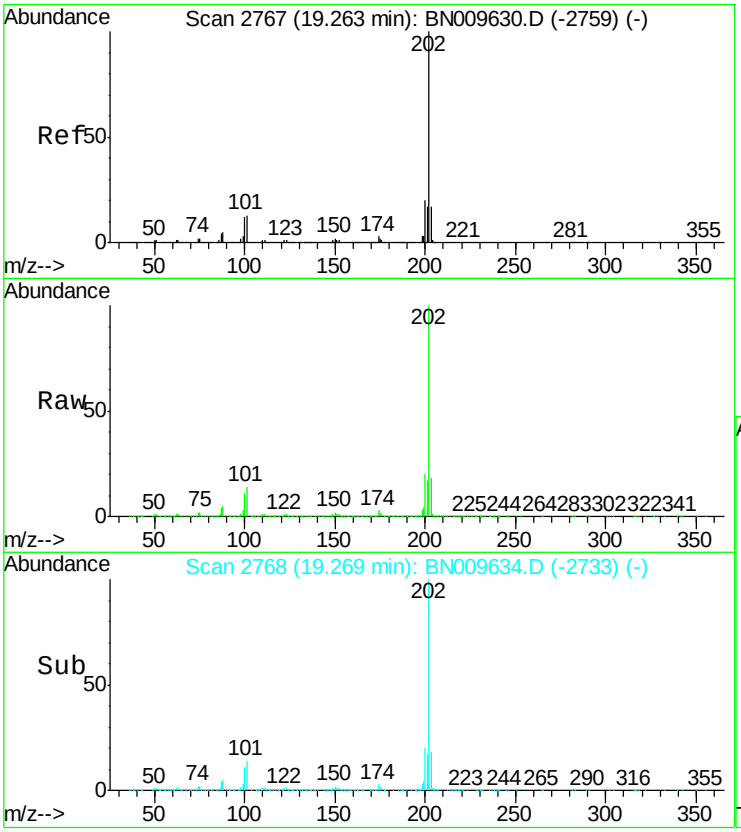




#76
Fluoranthene
Concen: 28.75 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. 0.00 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

Tgt Ion:202 Resp: 2055422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.0 | 9.2 | 13.8 |
| 100 | 9.3 | 6.9 | 10.3 |



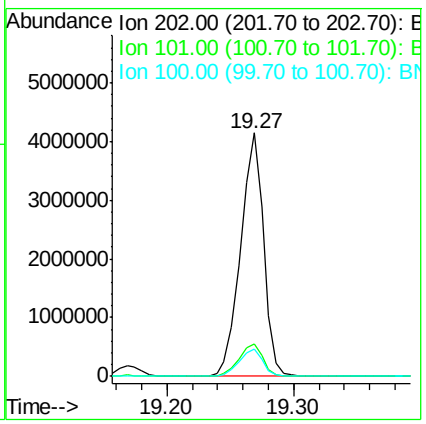


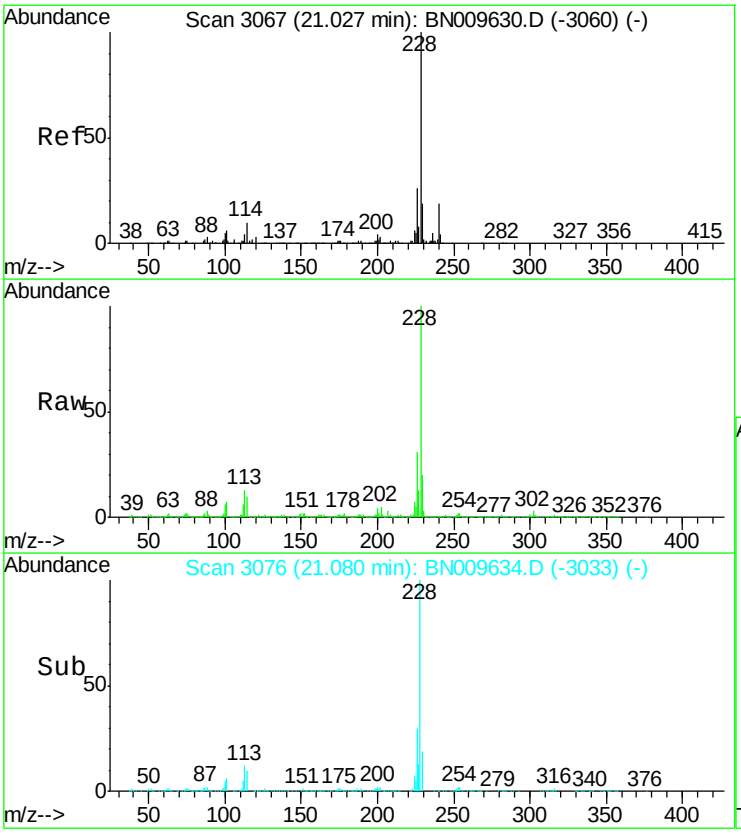

#79
Pyrene
Concen: 73.33 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.01 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

**Instrument :**
BNA_N
**ClientSampleId :**
GAT68

Tgt Ion:202 Resp: 5188422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.6 | 10.3 | 15.5 |
| 100 | 11.3 | 8.4 | 12.6 |

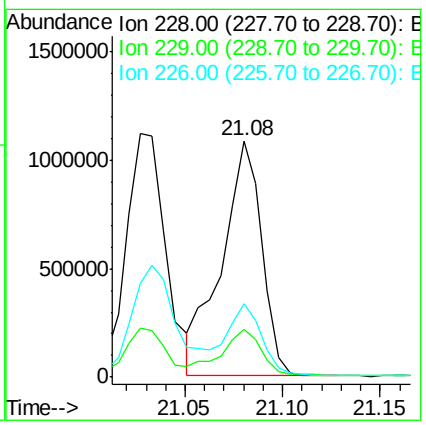


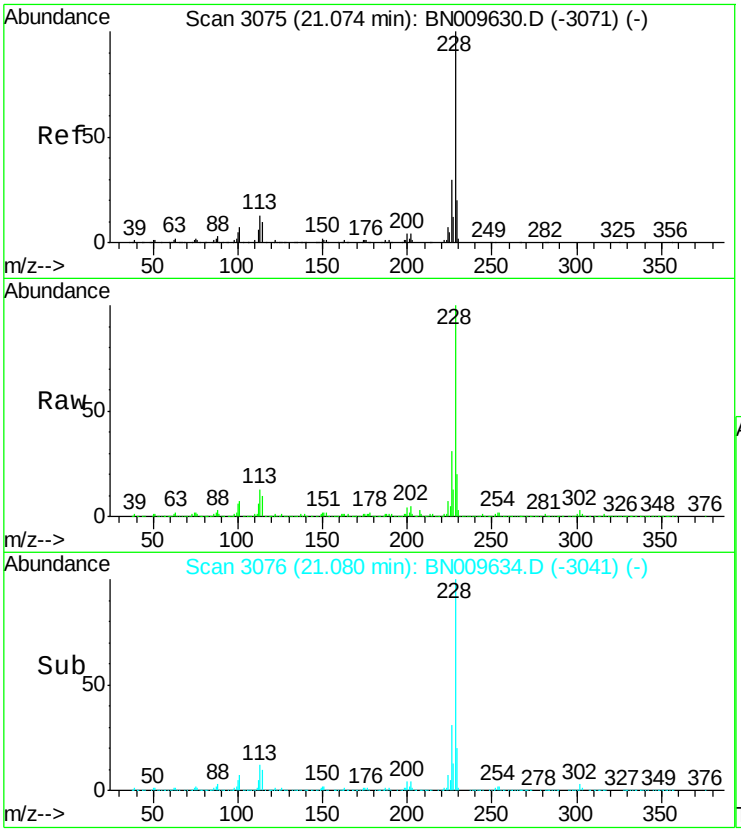




#82
Benzo(a)anthracene
Concen: 23.15 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.05 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

Tgt Ion:228 Resp: 1549279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.4 | 15.0 | 22.4 |
| 226 | 31.0 | 20.9 | 31.3 |



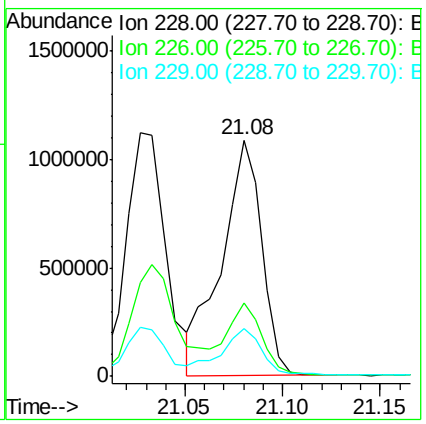


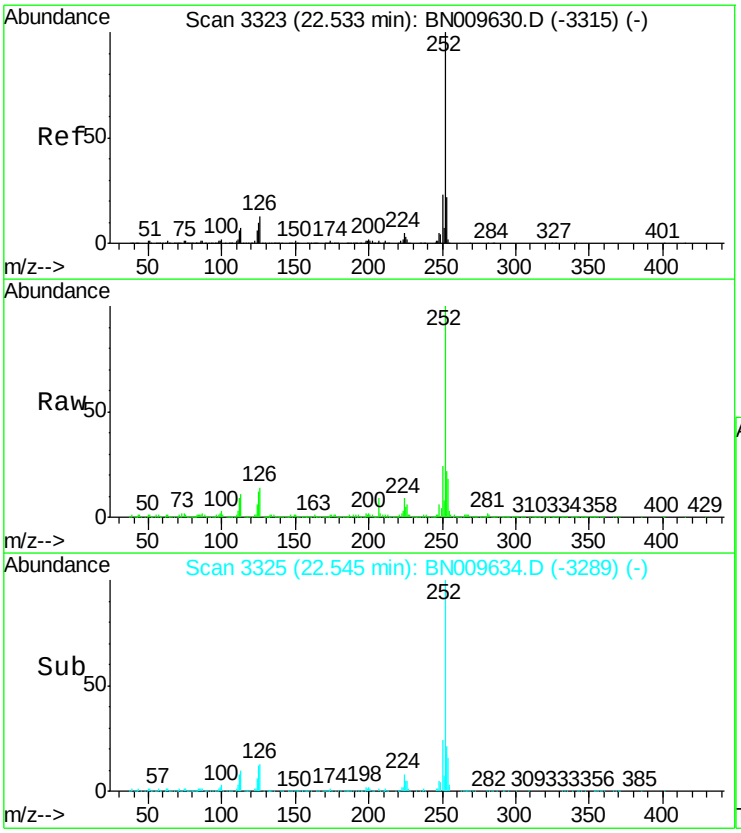

#84
Chrysene
Concen: 23.29 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.01 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

**Instrument :**
BNA_N
**ClientSampleId :**
GAT68

Tgt Ion:228 Resp: 1551763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 23.5 | 35.3 |
| 229 | 20.4 | 15.8 | 23.8 |

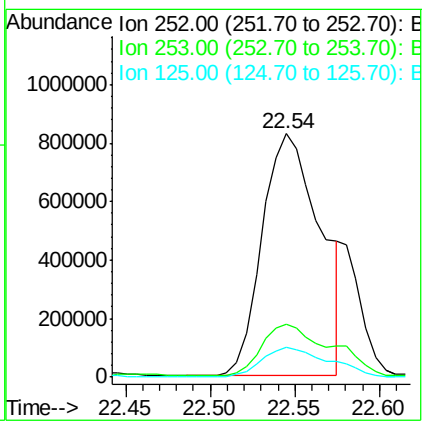


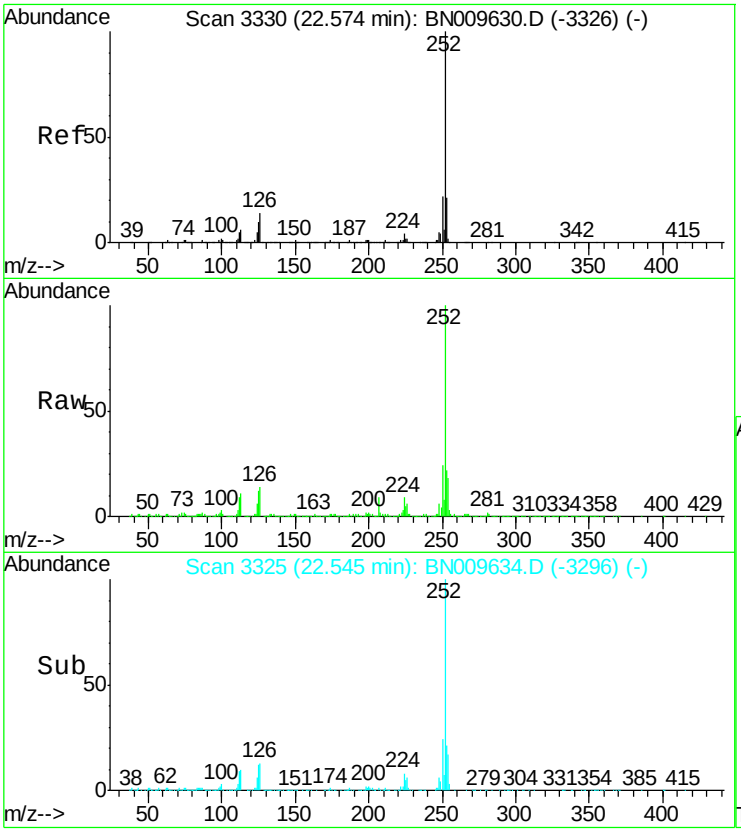




#87
Benzo(b)fluoranthene
Concen: 29.60 ng/ul
RT: 22.54 min Scan# 3325
Delta R.T. 0.01 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

Tgt Ion:252 Resp: 1981585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.0 | 25.6 |
| 125 | 12.0 | 8.2 | 12.2 |



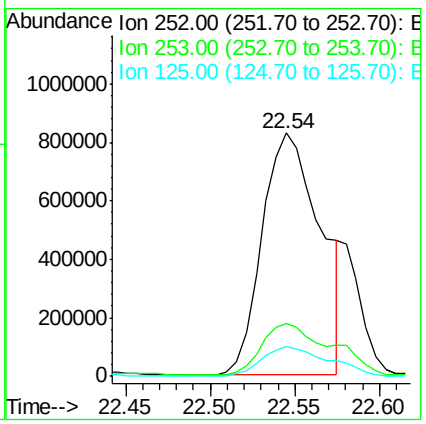


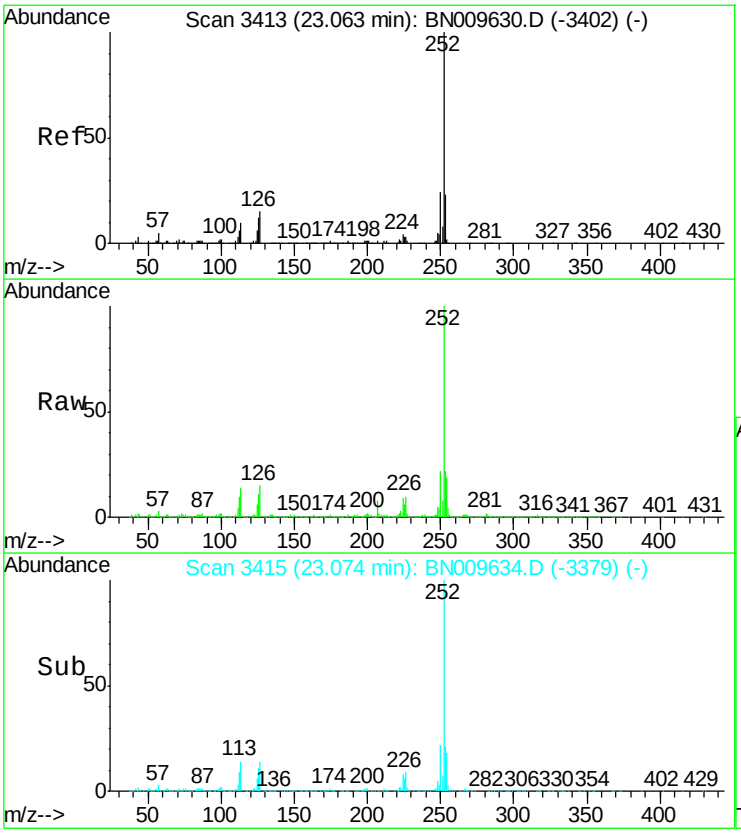

#88
Benzo(k)fluoranthene
Concen: 30.05 ng/ul
RT: 22.54 min Scan# 3325
Delta R.T. -0.03 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

**Instrument :**
BNA_N
**ClientSampleId :**
GAT68

Tgt Ion:252 Resp: 1981585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.0 | 25.4 |
| 125 | 12.0 | 8.0 | 12.0# |

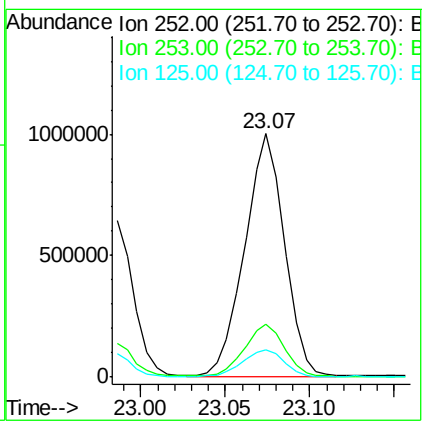


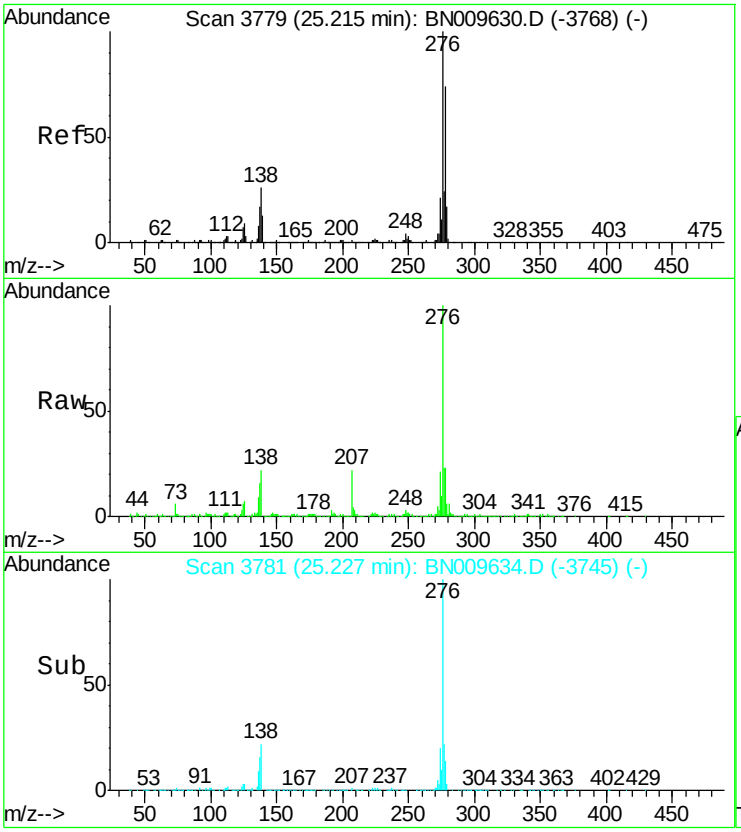




#90
Benzo(a)pyrene
Concen: 26.22 ng/ul
RT: 23.07 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

Tgt Ion:252 Resp: 1626618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 15.8 | 23.8 |
| 125 | 11.3 | 8.7 | 13.1 |



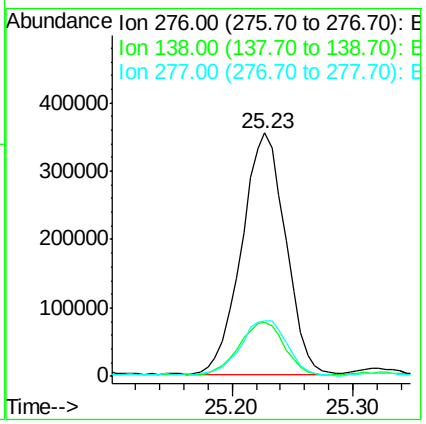


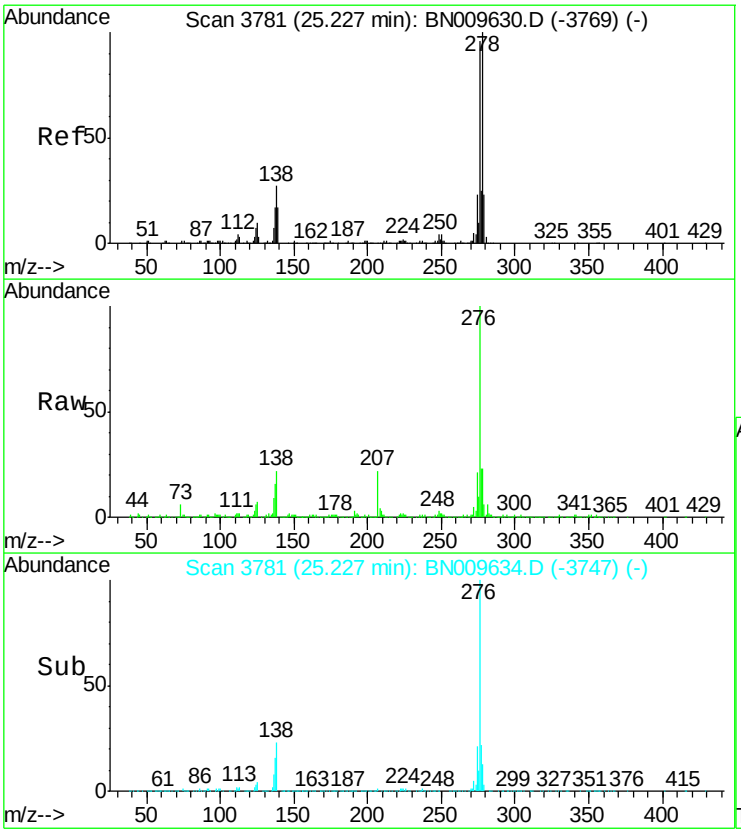

#91
Indeno(1,2,3-cd)pyrene
Concen: 12.05 ng/ul
RT: 25.23 min Scan# 3781
Delta R.T. 0.01 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

**Instrument :**
BNA_N
**ClientSampleId :**
GAT68

Tgt Ion:276 Resp: 888824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.3 | 20.3 | 30.5 |
| 277 | 22.8 | 21.2 | 31.8 |

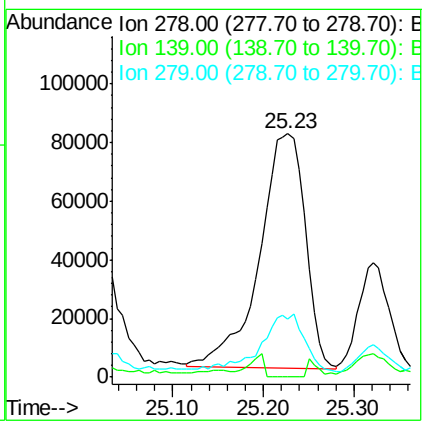


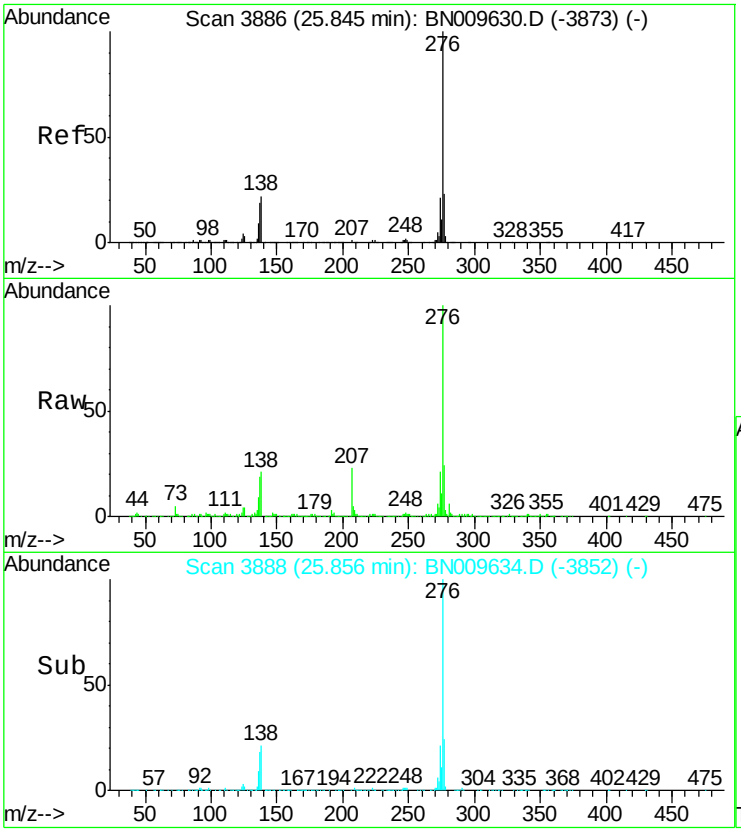




#92
Dibenzo(a,h)anthracene
Concen: 4.51 ng/ul
RT: 25.23 min Scan# 3781
Delta R.T. 0.00 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

Tgt Ion:278 Resp: 280135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 12.7 | 19.1# |
| 279 | 23.9 | 19.8 | 29.8 |






#93
Benzo(g,h,i)perylene
Concen: 14.74 ng/ul
RT: 25.86 min Scan# 3888
Delta R.T. 0.01 min
Lab File: BN009634.D
Acq: 07 Feb 2020 06:35

**Instrument :**
BNA_N
**ClientSampleId :**
GAT68

Tgt Ion:276 Resp: 911348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.4 | 16.0 | 24.0 |
| 277 | 23.9 | 17.0 | 25.6 |