Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009571.D
Acq On : 04 Feb 2020 19:15
Operator : CG/JU
Sample : L1302-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Feb 05 00:26:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.44 | 152 | 147501 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.19 | 136 | 613431 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.07 | 164 | 390817 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.83 | 188 | 807779 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.04 | 240 | 750404 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.16 | 264 | 833609 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.09 | 96 | 3483 | 0.97 | ng/uL | 0.01 |
| 5) Phenol-d5 | 6.64 | 99 | 59508 | 4.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.80 | 67 | 45223 | 5.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.98 | 132 | 49362 | 5.21 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.16 | 113 | 35300 | 3.45 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.59 | 128 | 23090 | 5.06 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.30 | 143 | 23373 | 4.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.83 | 165 | 43605 | 4.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.35 | 131 | 50472 | 4.92 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.50 | 166 | 157074 | 5.51 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.76 | 160 | 171676 | 4.98 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.33 | 143 | 8896 | 1.65 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.08 | 176 | 140867 | 5.61 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 10109 | 2.00 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 16.93 | 188 | 208057 | 5.67 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.23 | 212 | 250233 | 6.34 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.02 | 264 | 244160 | 5.95 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.55 | 163 | 57937 | 1.914 | ng/ul# | 96 |
| 69) Phenanthrene | 16.87 | 178 | 93317 | 2.026 | ng/ul | 98 |
| 71) Anthracene | 16.87 | 178 | 93317 | 1.996 | ng/ul | 99 |
| 76) Fluoranthene | 18.90 | 202 | 249062 | 4.737 | ng/ul | 96 |
| 79) Pyrene | 19.26 | 202 | 229423 | 4.188 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.03 | 228 | 120129 | 2.319 | ng/ul | 95 |
| 84) Chrysene | 21.08 | 228 | 126107 | 2.445 | ng/ul | 96 |
| 87) Benzo(b)fluoranthene | 22.53 | 252 | 164618 | 3.156 | ng/ul | 96 |
| 88) Benzo(k)fluoranthene | 22.53 | 252 | 164618 | 3.205 | ng/ul | 96 |
| 90) Benzo(a)pyrene | 23.06 | 252 | 109367 | 2.263 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.21 | 276 | 71285 | 1.241 | ng/ul | 95 |
| 93) Benzo(g,h,i)perylene | 25.84 | 276 | 69237 | 1.438 | ng/ul | 97 |

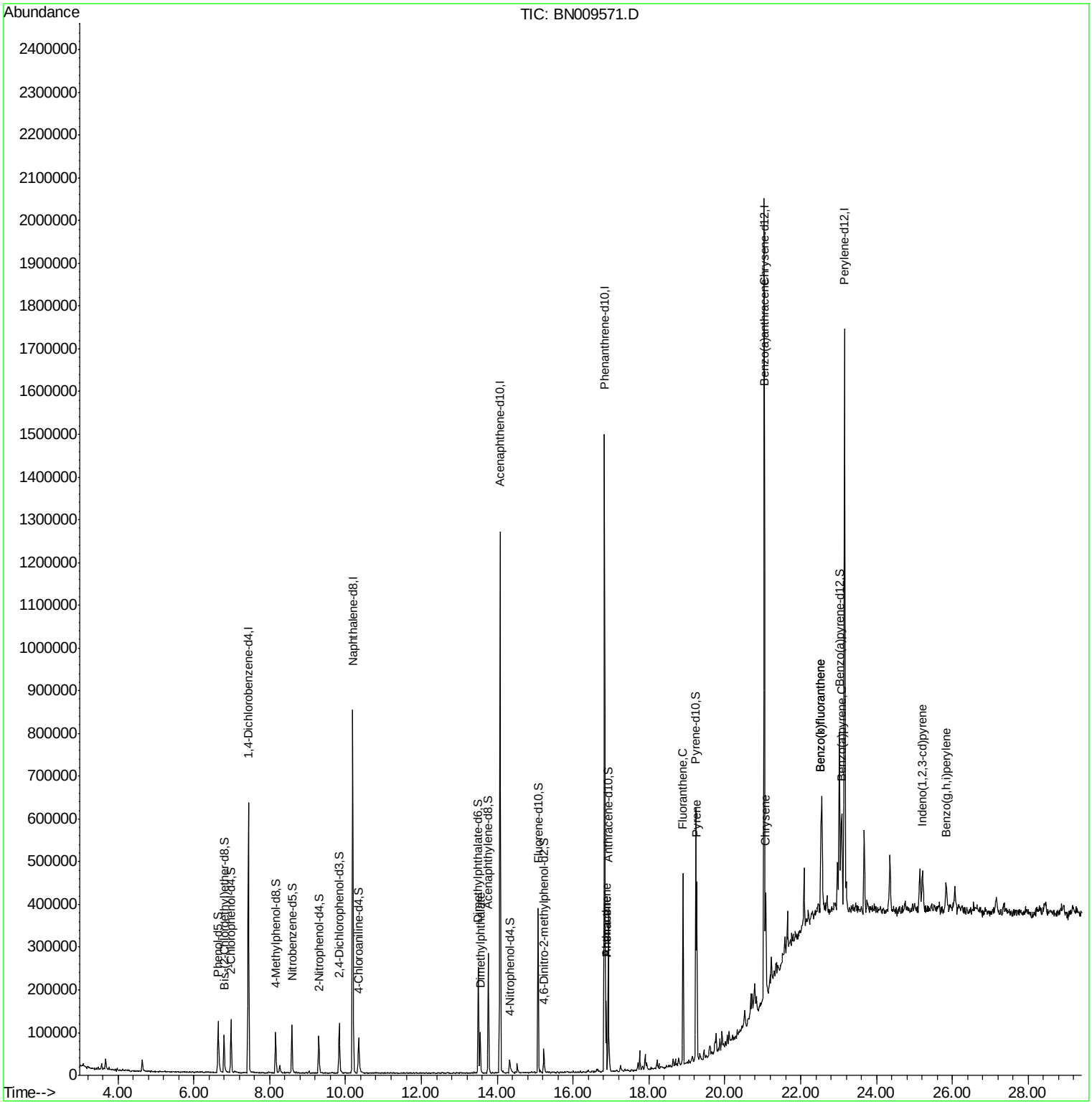
(#) = qualifier out of range (m) = manual integration (+) = signals summed

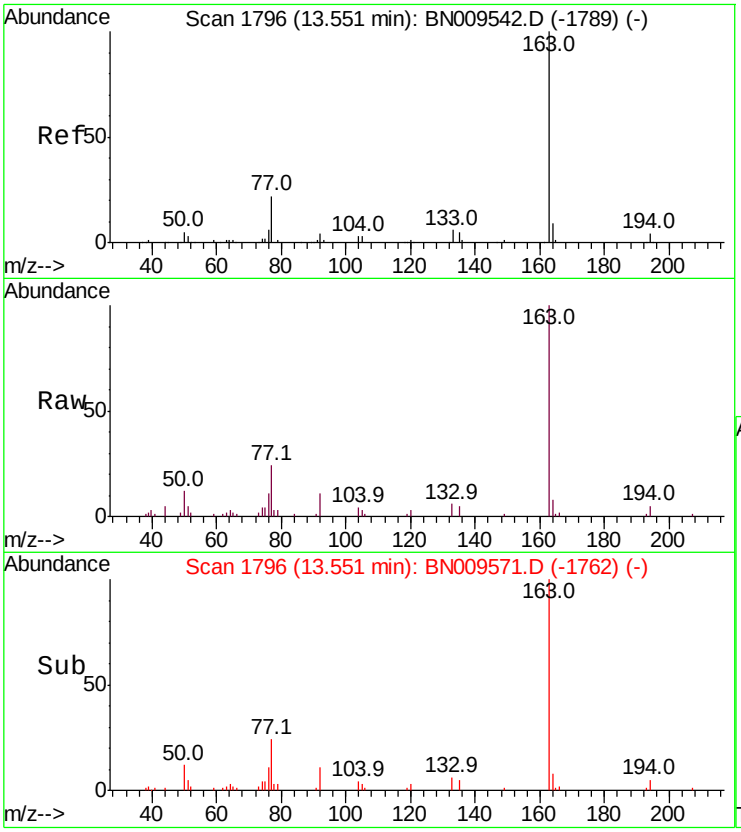
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009571.D
Acq On : 04 Feb 2020 19:15
Operator : CG/JU
Sample : L1302-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Feb 05 00:26:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration



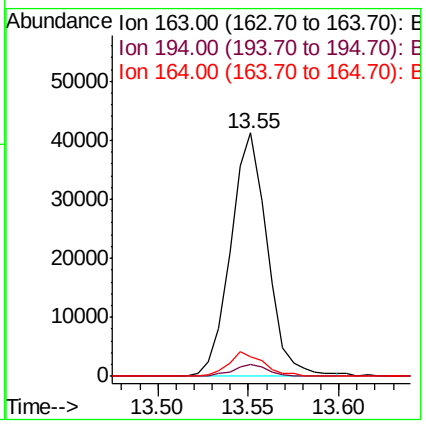


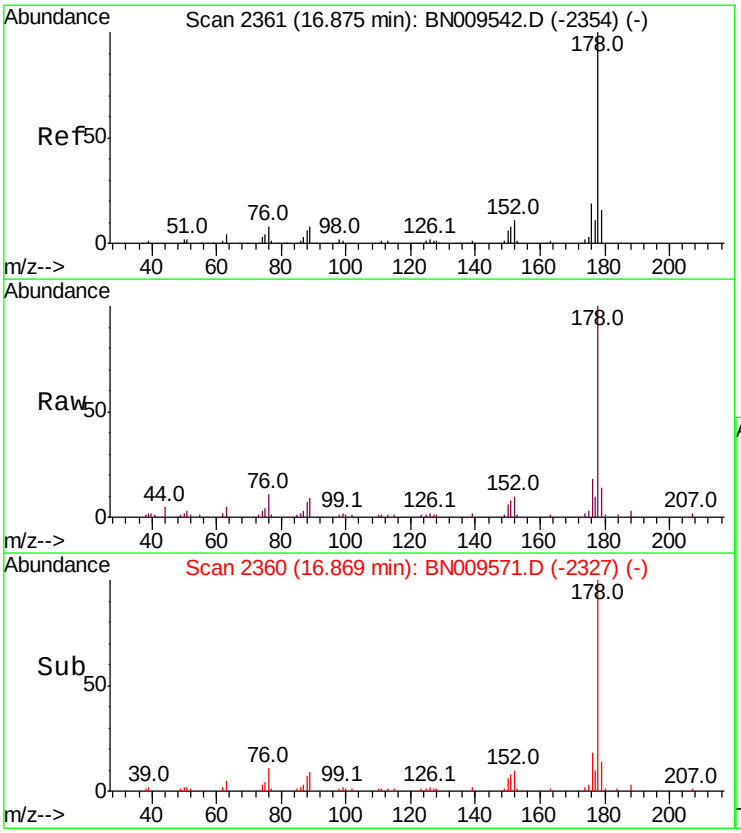

#44
Dimethylphthalate
Concen: 1.914 ng/ul
RT: 13.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

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

Tgt Ion:163 Resp: 57937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.7 | 3.5 | 5.3 |
| 164 | 7.8 | 8.0 | 12.0# |

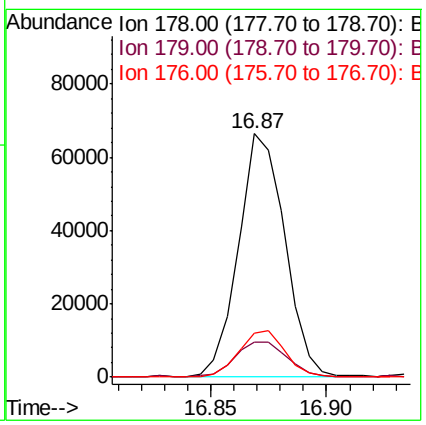


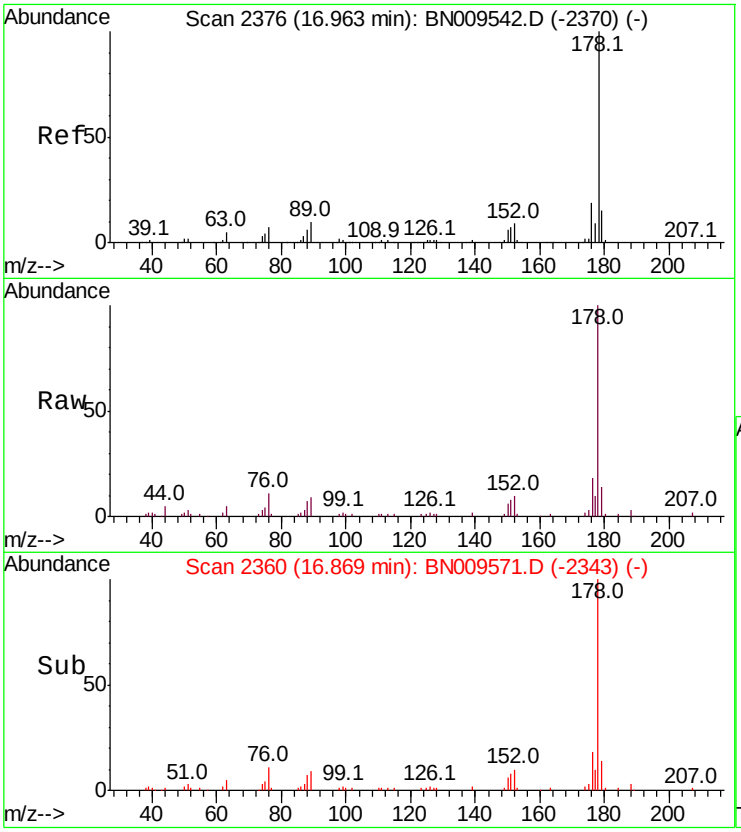




#69
Phenanthrene
Concen: 2.026 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion:178 Resp: 93317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.2 | 12.2 | 18.2 |
| 176 | 17.9 | 14.8 | 22.2 |



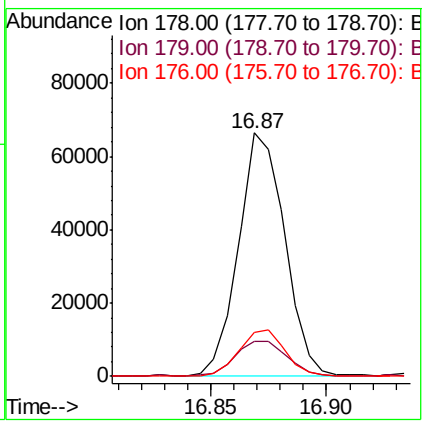


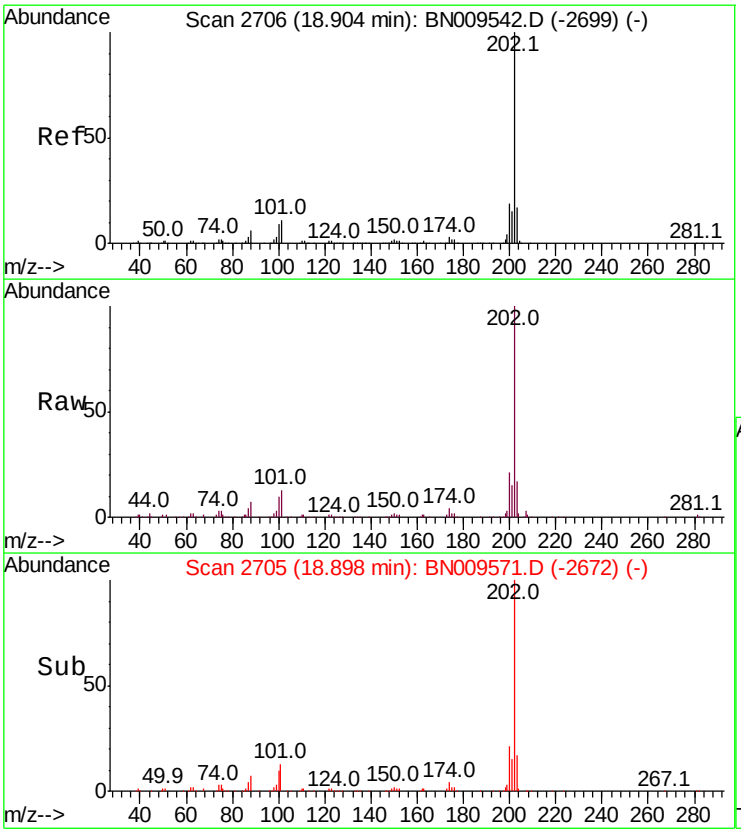

#71
Anthracene
Concen: 1.996 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.10 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

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

Tgt Ion:178 Resp: 93317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.2 | 12.1 | 18.1 |
| 176 | 17.9 | 14.6 | 21.8 |

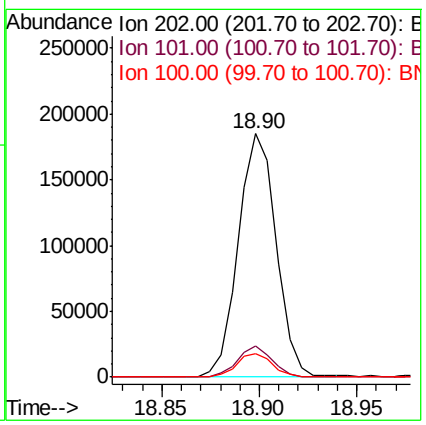


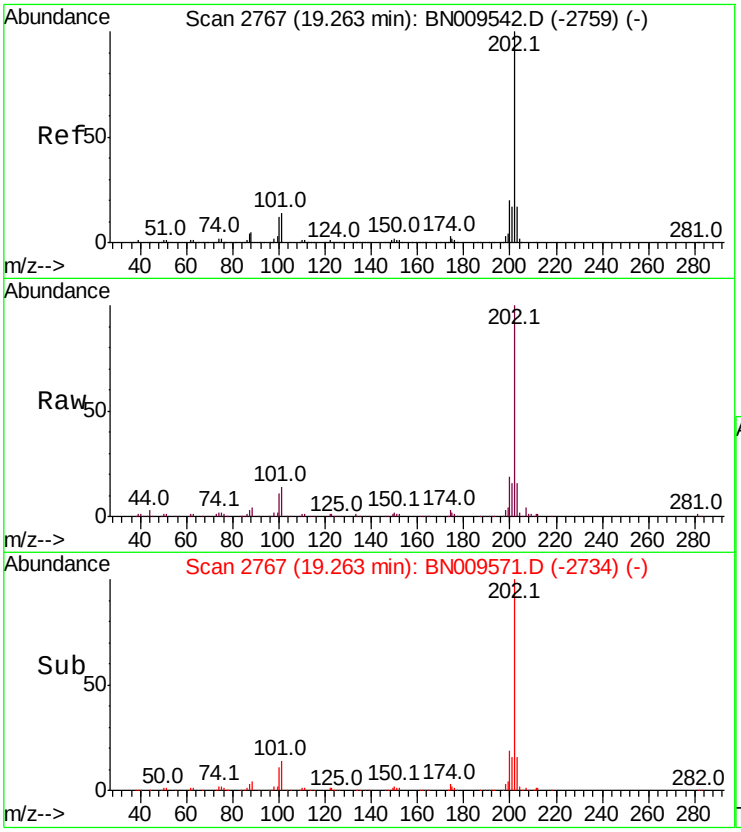




#76
Fluoranthene
Concen: 4.737 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion:202 Resp: 249062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.0 | 9.2 | 13.8 |
| 100 | 9.8 | 6.9 | 10.3 |



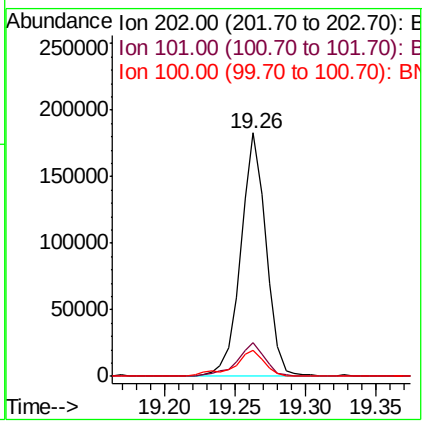


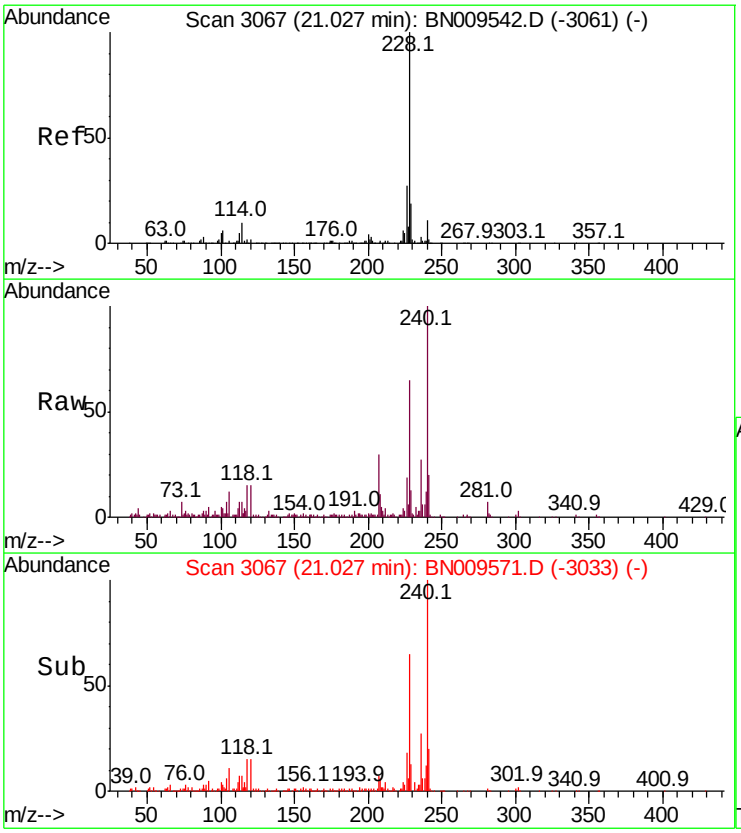

#79
Pyrene
Concen: 4.188 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

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

Tgt Ion:202 Resp: 229423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.7 | 10.3 | 15.5 |
| 100 | 10.8 | 8.4 | 12.6 |

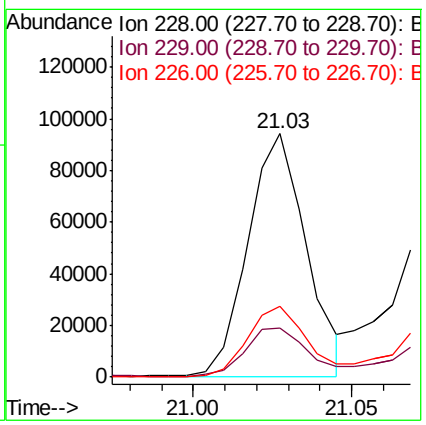


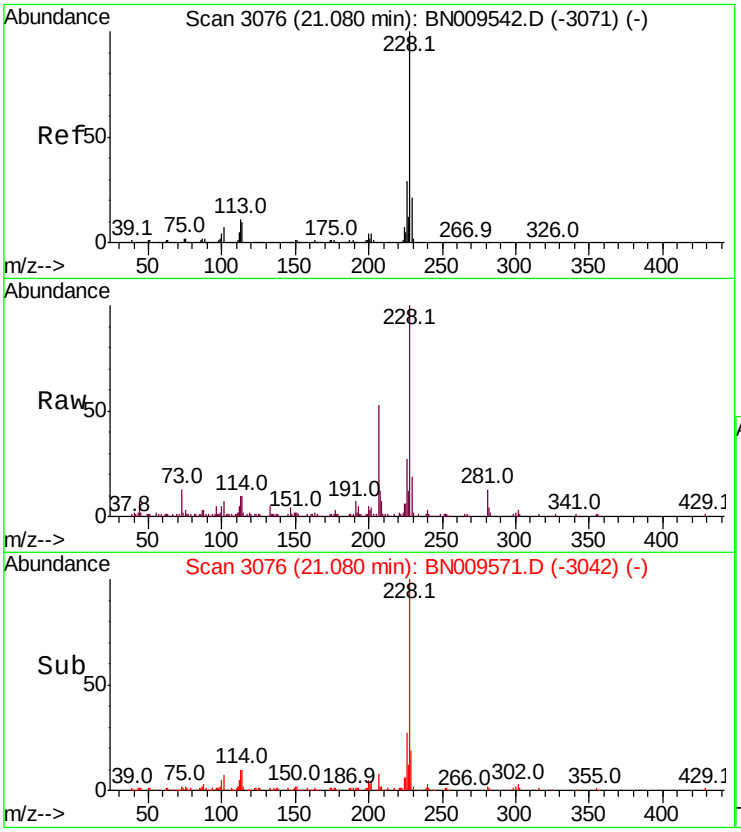




#82
Benzo(a)anthracene
Concen: 2.319 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion:228 Resp: 120129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.0 | 15.0 | 22.4 |
| 226 | 29.0 | 20.9 | 31.3 |



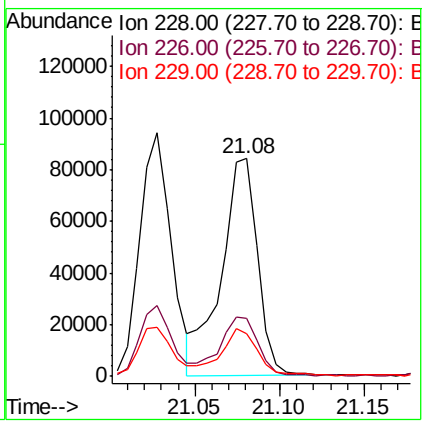


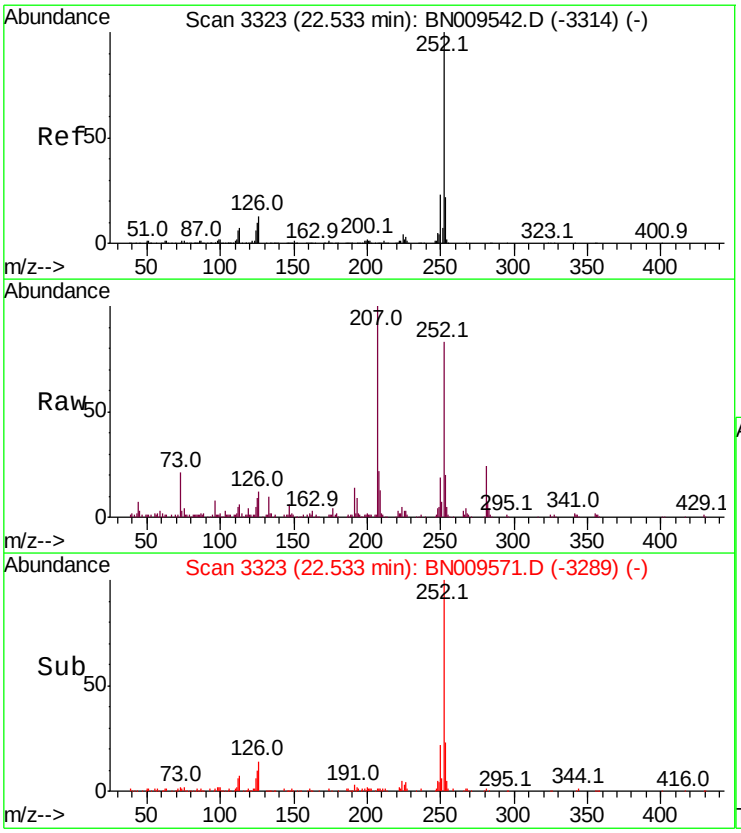

#84
Chrysene
Concen: 2.445 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

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

Tgt Ion:228 Resp: 126107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 23.5 | 35.3 |
| 229 | 19.3 | 15.8 | 23.8 |

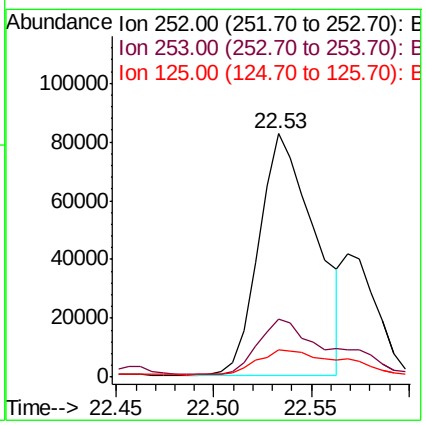


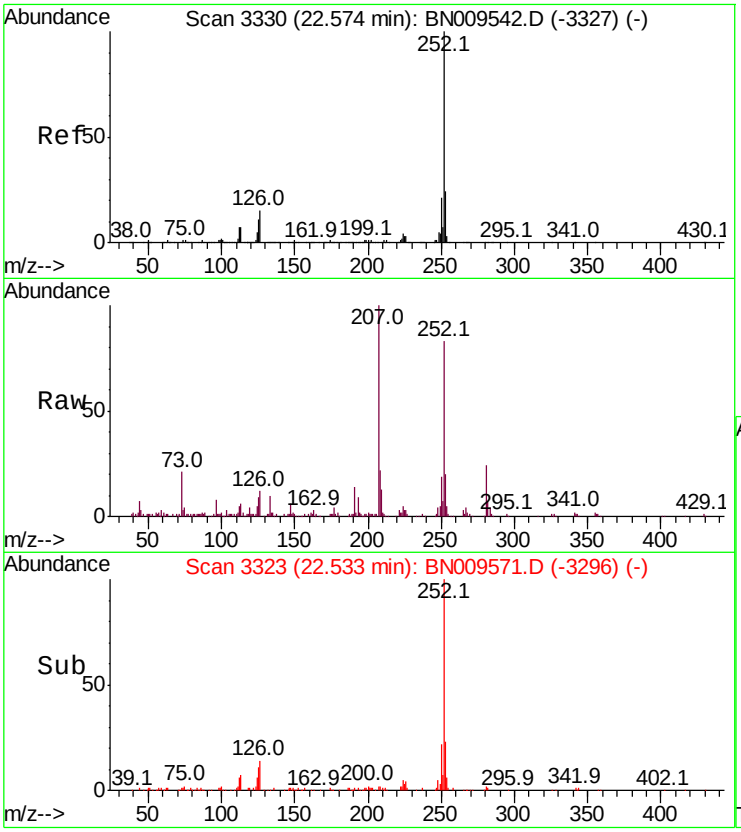




#87
Benzo(b)fluoranthene
Concen: 3.156 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. 0.00 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion:252 Resp: 164618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 17.0 | 25.6 |
| 125 | 11.0 | 8.2 | 12.2 |



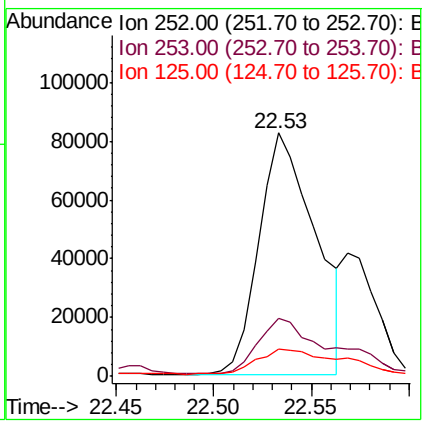


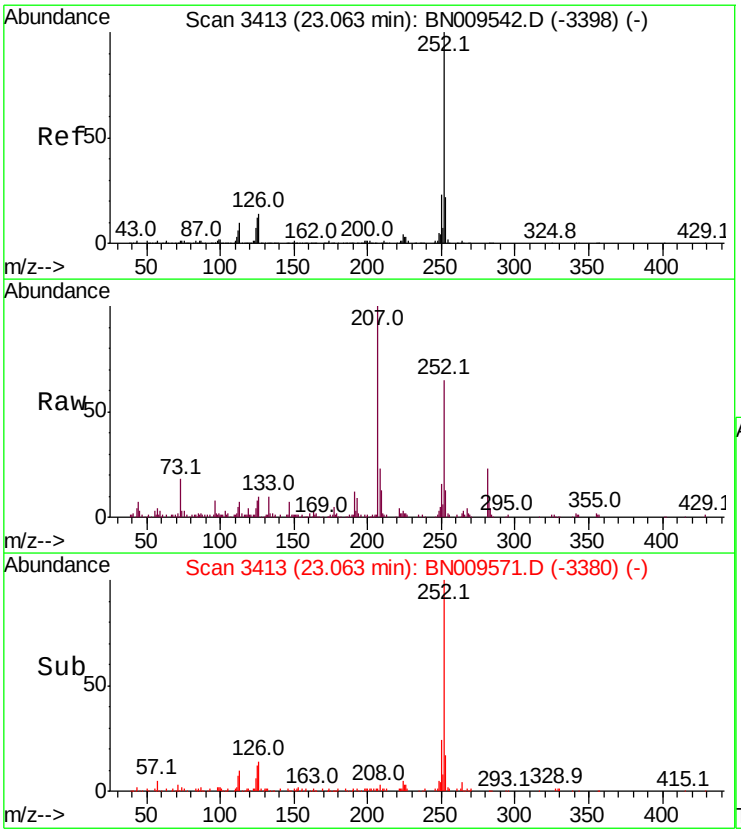

#88
Benzo(k)fluoranthene
Concen: 3.205 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.04 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

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

Tgt Ion:252 Resp: 164618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 17.0 | 25.4 |
| 125 | 11.0 | 8.0 | 12.0 |

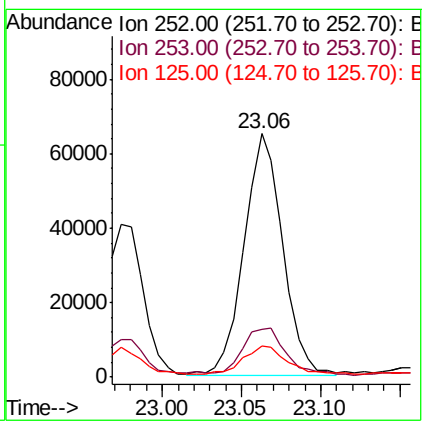


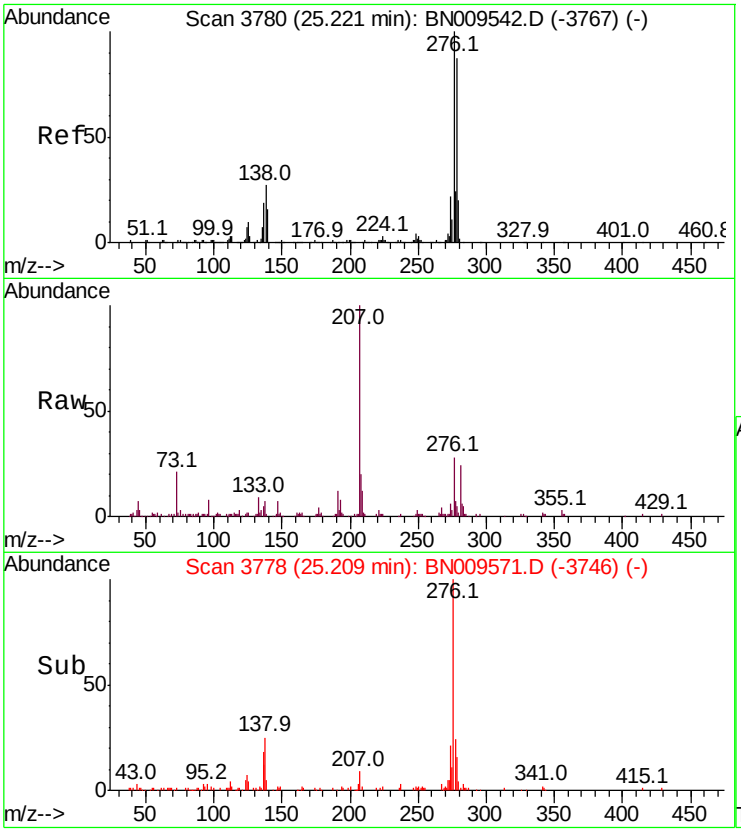




#90
Benzo(a)pyrene
Concen: 2.263 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion:252 Resp: 109367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 19.7 | 15.8 | 23.8 |
| 125 | 12.8 | 8.7 | 13.1 |



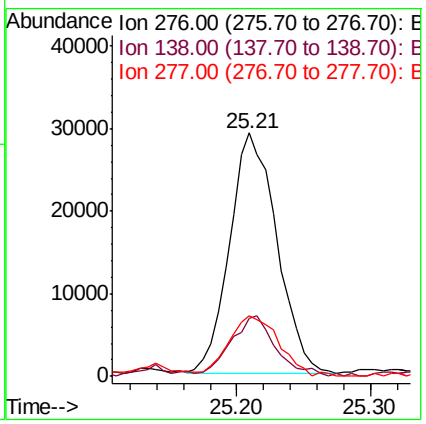


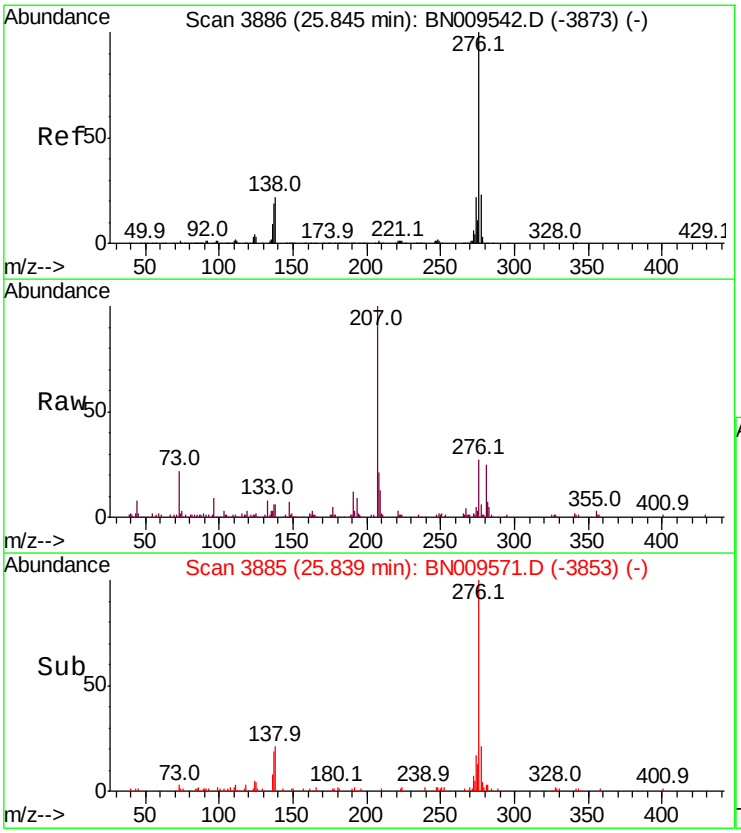

#91
Indeno(1,2,3-cd)pyrene
Concen: 1.241 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

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

Tgt Ion:276 Resp: 71285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.9 | 20.3 | 30.5 |
| 277 | 25.0 | 21.2 | 31.8 |




#93
Benzo(g,h,i)perylene
Concen: 1.438 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion:276 Resp: 69237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.8 | 16.0 | 24.0 |
| 277 | 21.4 | 17.0 | 25.6 |