Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002009.D
Acq On : 11 Jul 2018 14:15
Operator : JU/SJ
Sample : J3775-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 11 18:35:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 10 01:03:06 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 531970 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.48 | 136 | 2483979 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.33 | 164 | 1444109 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.08 | 188 | 3172120 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.29 | 240 | 2804925 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.54 | 264 | 2353783 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 47512 | 3.88 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.89 | 99 | 1209133 | 25.12 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.05 | 67 | 764636 | 25.74 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.25 | 132 | 971429 | 25.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.41 | 113 | 969830 | 25.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.85 | 128 | 502888 | 27.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.57 | 143 | 569744 | 29.84 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.10 | 165 | 1025059 | 25.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.62 | 131 | 878331 | 20.81 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.75 | 166 | 3058557 | 25.08 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.03 | 160 | 3975470 | 26.41 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.55 | 143 | 449844 | 20.02 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.33 | 176 | 2752738 | 25.75 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 403553 | 23.36 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.18 | 188 | 4050593 | 26.43 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.48 | 212 | 4222481 | 29.86 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.40 | 264 | 3347290 | 26.15 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.91 | 94 | 73364 | 1.511 | ng/ul | 98 |
| 28) Naphthalene | 10.53 | 128 | 150429 | 1.141 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.79 | 163 | 890490 | 7.430 | ng/ul | 99 |
| 69) Phenanthrene | 17.12 | 178 | 427077 | 2.390 | ng/ul | 98 |
| 74) Fluoranthene | 19.15 | 202 | 779501 | 4.150 | ng/ul# | 90 |
| 77) Pyrene | 19.51 | 202 | 762346 | 4.343 | ng/ul# | 86 |
| 78) Butylbenzylphthalate | 20.43 | 149 | 218403 | 2.916 | ng/ul | 94 |
| 80) Benzo(a)anthracene | 21.28 | 228 | 439695 | 2.480 | ng/ul# | 93 |
| 82) Chrysene | 21.33 | 228 | 505191 | 3.063 | ng/ul# | 95 |
| 85) Benzo(b)fluoranthene | 22.87 | 252 | 751326 | 5.054 | ng/ul# | 91 |
| 86) Benzo(k)fluoranthene | 22.87 | 252 | 751326 | 5.212 | ng/ul# | 90 |
| 88) Benzo(a)pyrene | 23.44 | 252 | 457357 | 3.292 | ng/ul# | 87 |
| 89) Indeno(1,2,3-cd)pyrene | 25.78 | 276 | 409864 | 2.773 | ng/ul# | 87 |
| 91) Benzo(g,h,i)perylene | 26.46 | 276 | 400626 | 3.285 | ng/ul# | 87 |

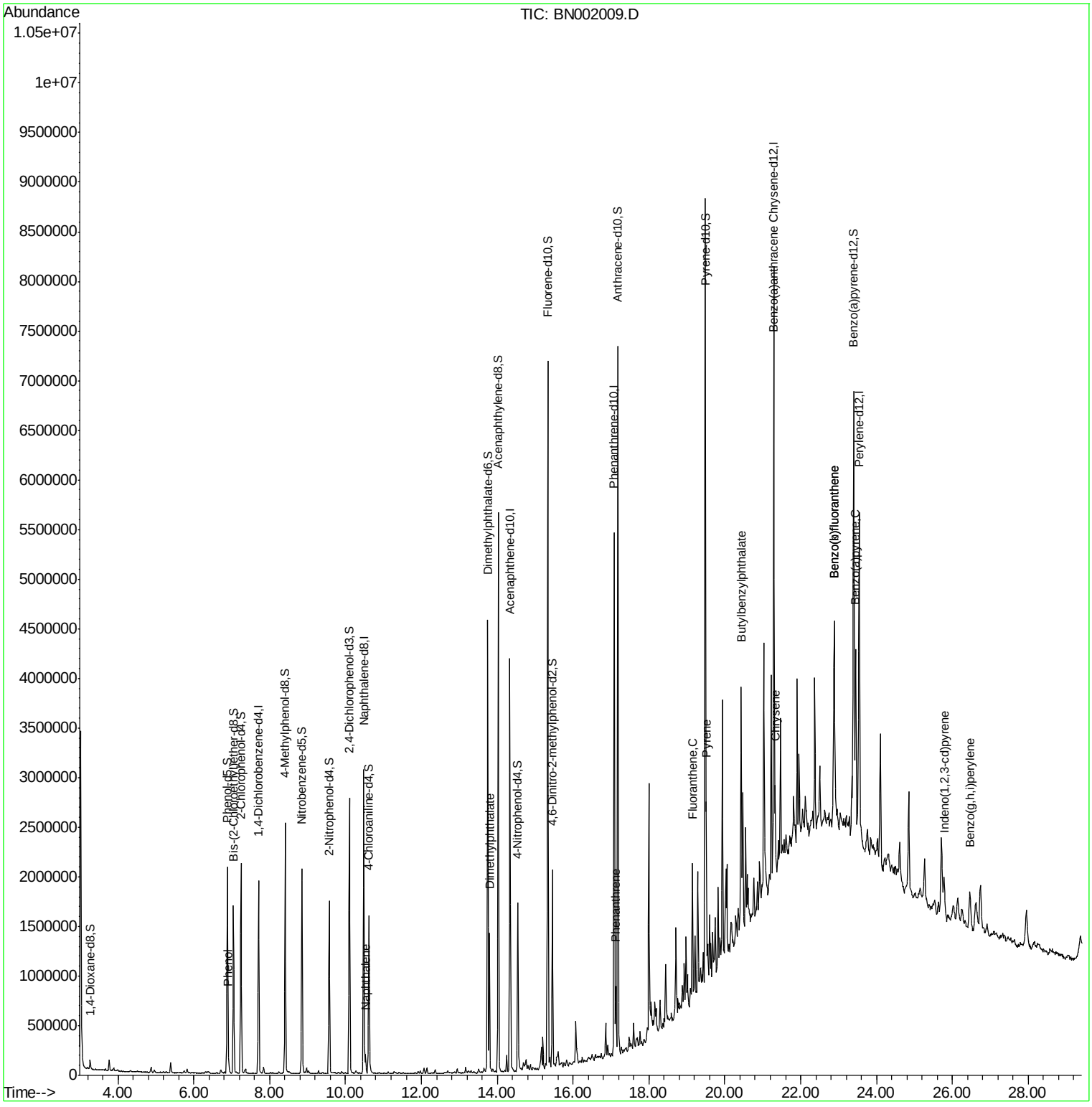
(#) = qualifier out of range (m) = manual integration (+) = signals summed

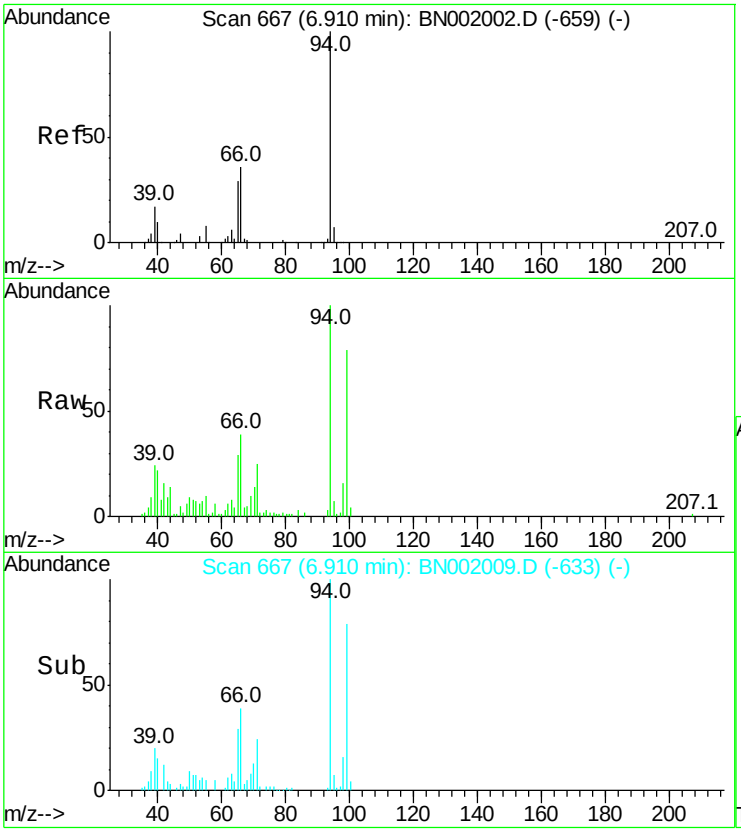
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002009.D
Acq On : 11 Jul 2018 14:15
Operator : JU/SJ
Sample : J3775-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 11 18:35:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 10 01:03:06 2018
Response via : Initial Calibration



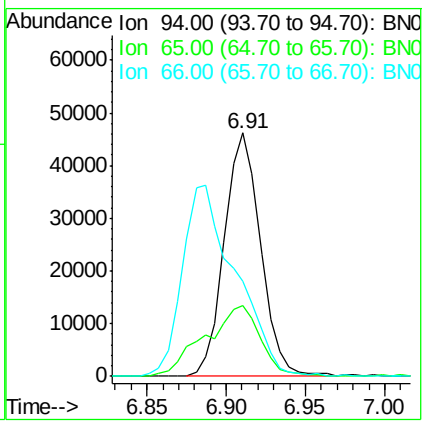


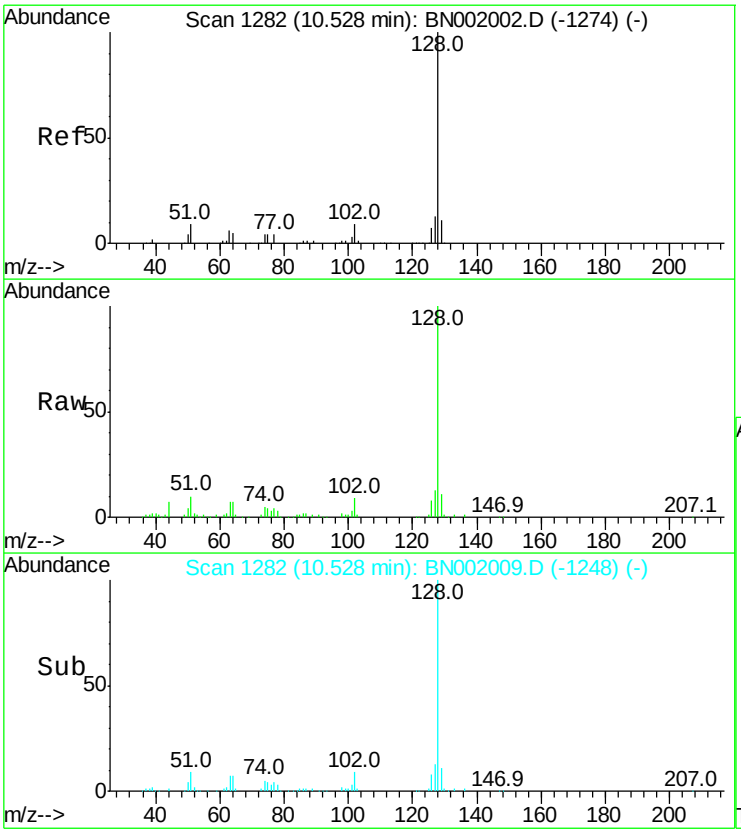

#6
Phenol
Concen: 1.511 ng/ul
RT: 6.91 min Scan# 667
Delta R.T. -0.00 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

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

Tgt Ion: 94 Resp: 73364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.3 | 23.0 | 34.6 |
| 66 | 39.3 | 30.4 | 45.6 |

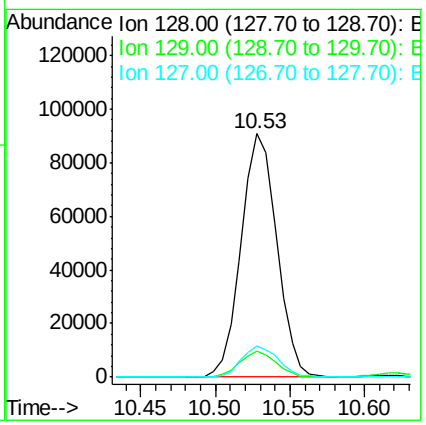


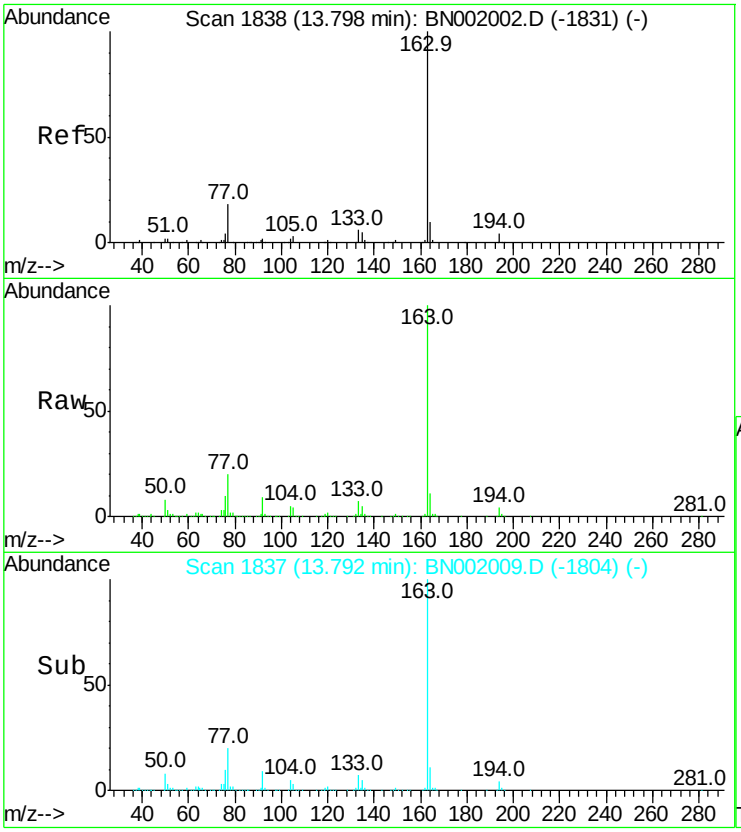




#28
Naphthalene
Concen: 1.141 ng/ul
RT: 10.53 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

Tgt Ion:128 Resp: 150429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.5 | 8.3 | 12.5 |
| 127 | 12.7 | 10.8 | 16.2 |



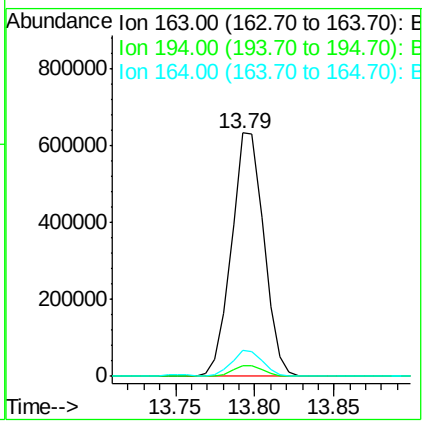


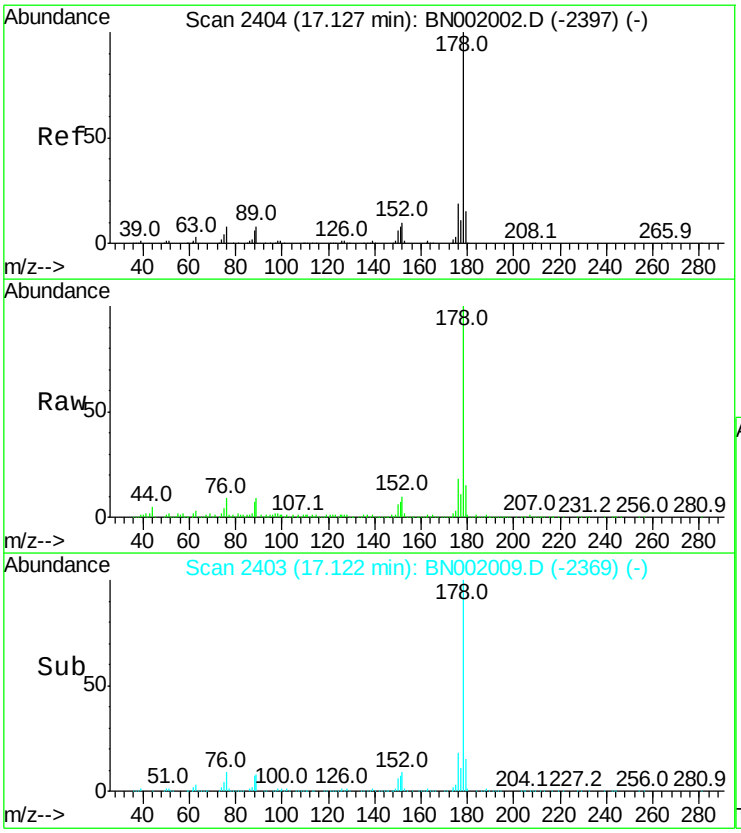

#44
Dimethylphthalate
Concen: 7.430 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

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

Tgt Ion:163 Resp: 890490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 4.0 | 6.0 |
| 164 | 10.5 | 8.4 | 12.6 |

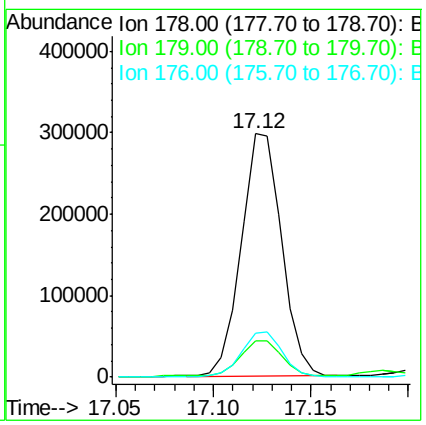


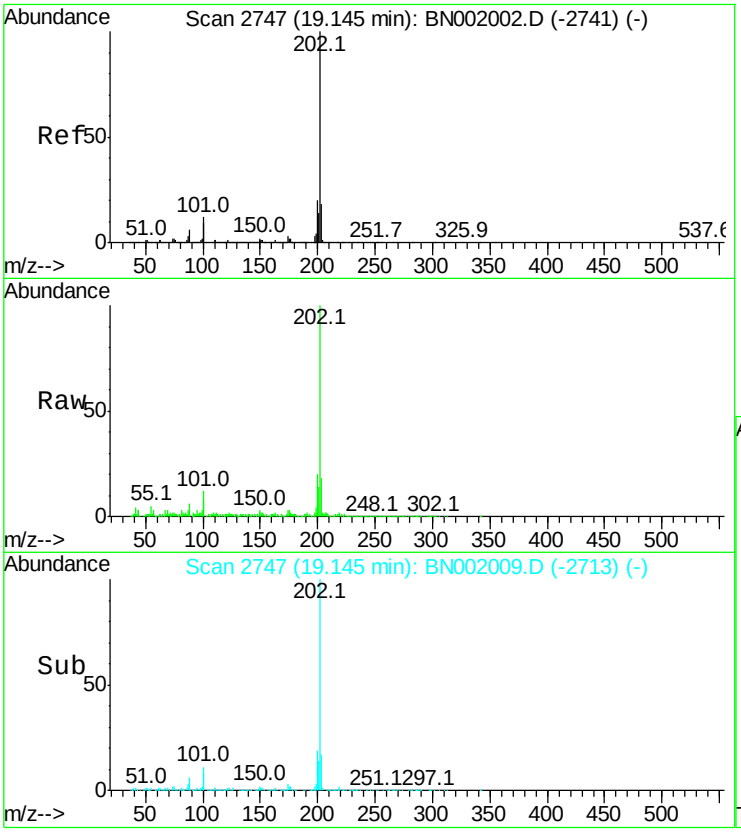




#69
Phenanthrene
Concen: 2.390 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

Tgt Ion:178 Resp: 427077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.9 | 12.3 | 18.5 |
| 176 | 18.2 | 15.4 | 23.0 |



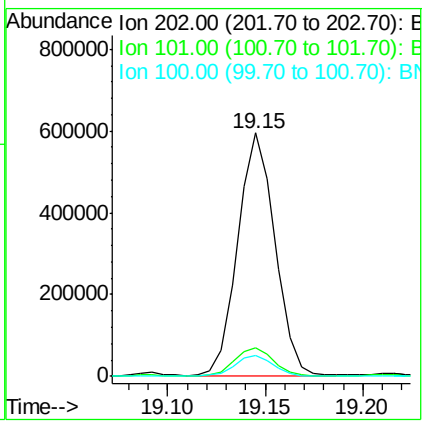


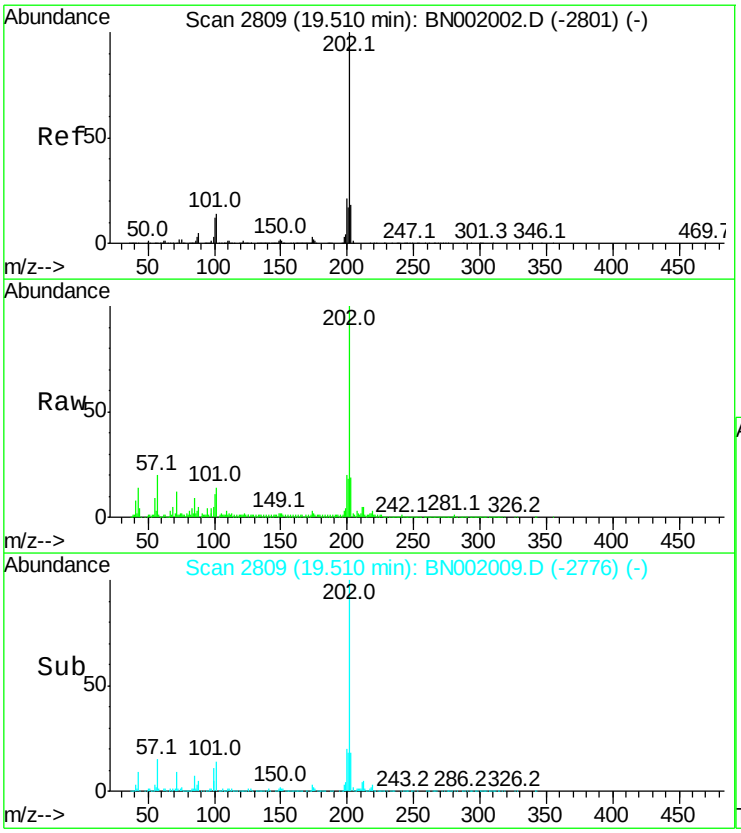

#74
Fluoranthene
Concen: 4.150 ng/ul
RT: 19.15 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

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

Tgt Ion:202 Resp: 779501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 6.1 | 9.1# |
| 100 | 8.5 | 4.6 | 7.0# |

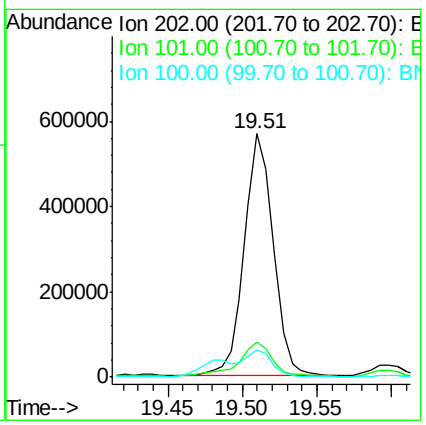


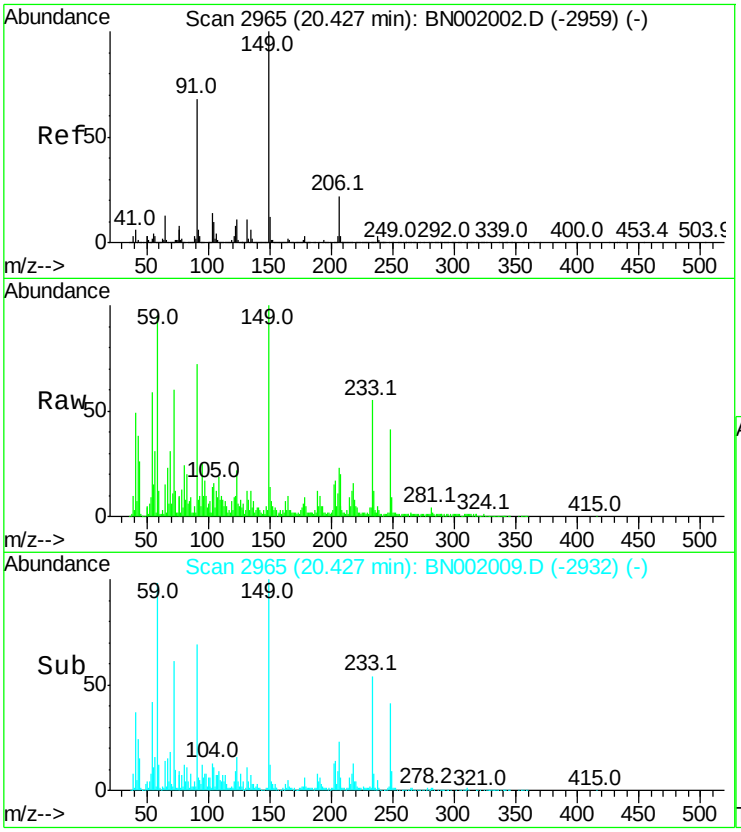




#77
Pyrene
Concen: 4.343 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

Tgt Ion:202 Resp: 762346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.2 | 6.9 | 10.3# |
| 100 | 11.3 | 5.6 | 8.4# |



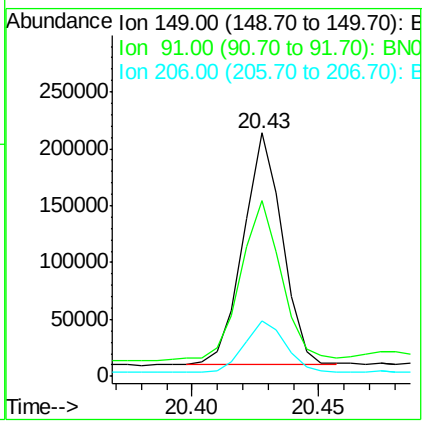


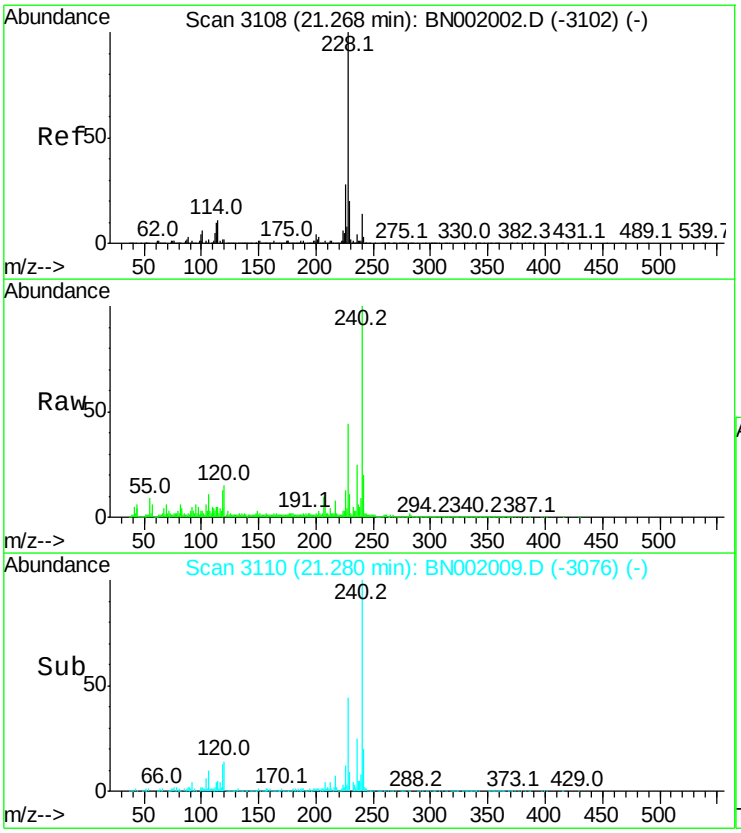

#78
Butylbenzylphthalate
Concen: 2.916 ng/ul
RT: 20.43 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

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

Tgt Ion:149 Resp: 218403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.2 | 53.4 | 80.0 |
| 206 | 23.0 | 19.3 | 28.9 |

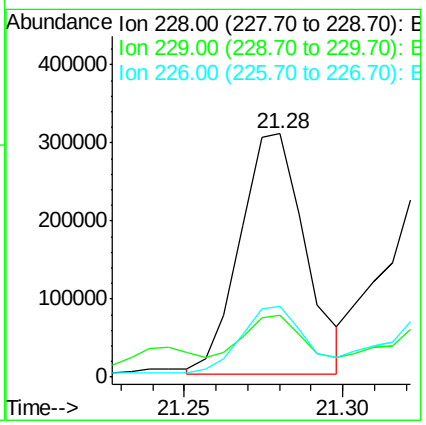


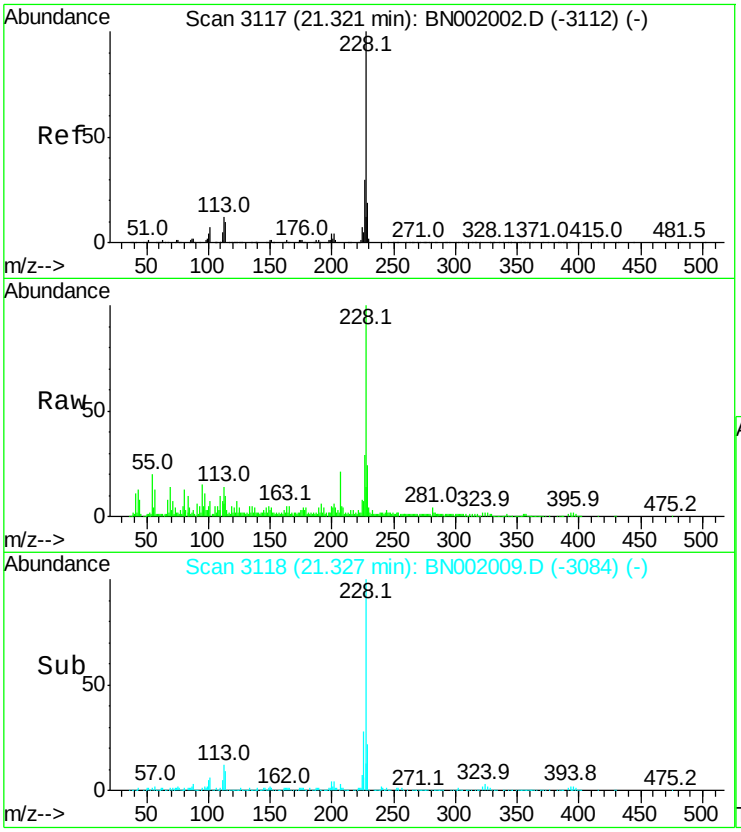




#80
Benzo(a)anthracene
Concen: 2.480 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

Tgt Ion:228 Resp: 439695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 25.2 | 16.0 | 24.0# |
| 226 | 29.1 | 21.8 | 32.8 |



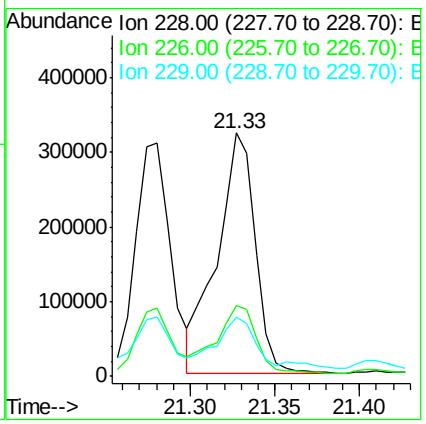


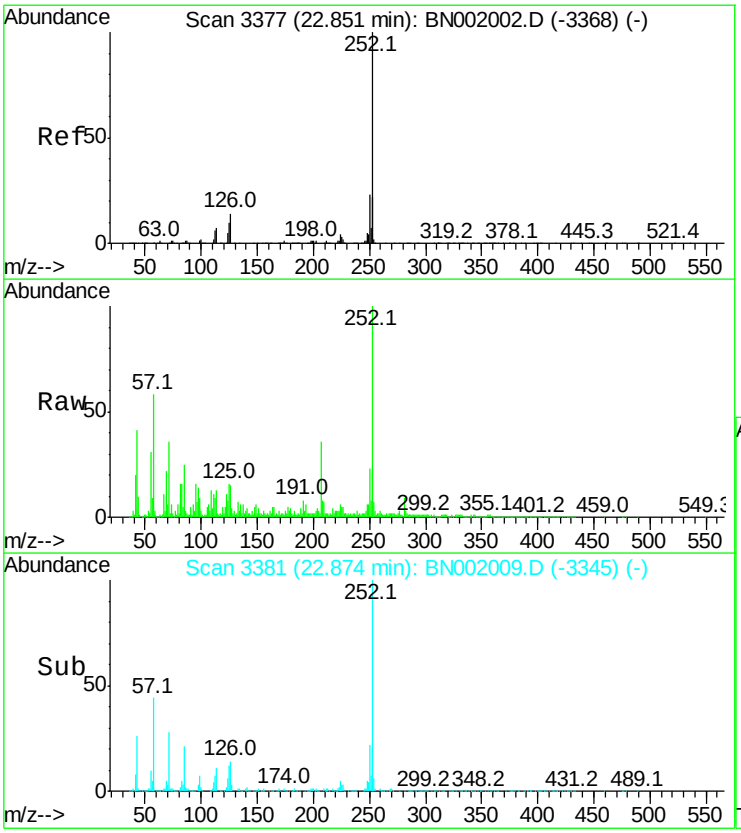

#82
Chrysene
Concen: 3.063 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

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

Tgt Ion:228 Resp: 505191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.3 | 24.1 | 36.1 |
| 229 | 24.4 | 16.0 | 24.0# |

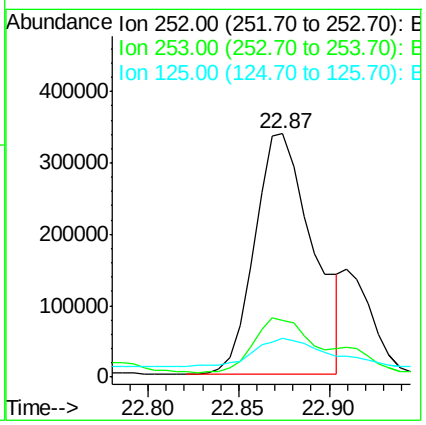


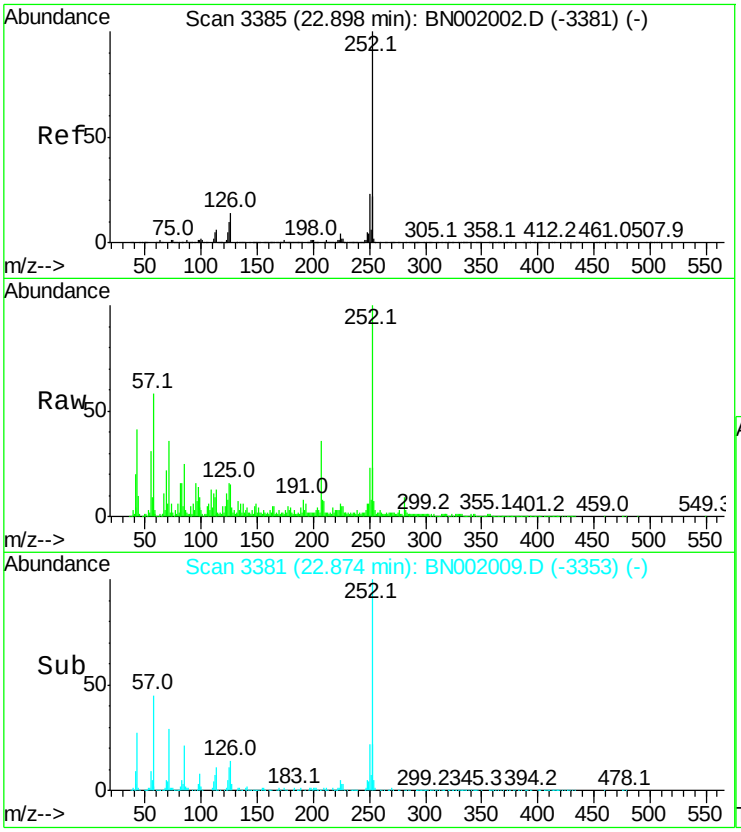




#85
Benzo(b)fluoranthene
Concen: 5.054 ng/ul
RT: 22.87 min Scan# 3381
Delta R.T. 0.01 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

Tgt Ion:252 Resp: 751326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 17.4 | 26.0 |
| 125 | 16.0 | 4.9 | 7.3# |



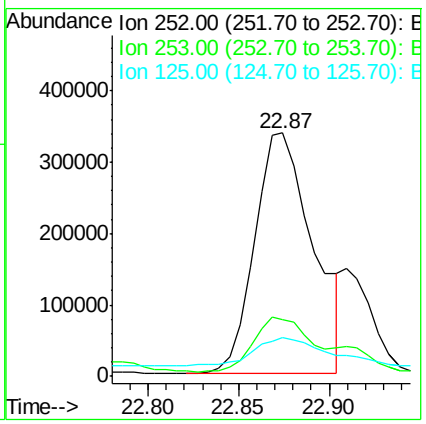


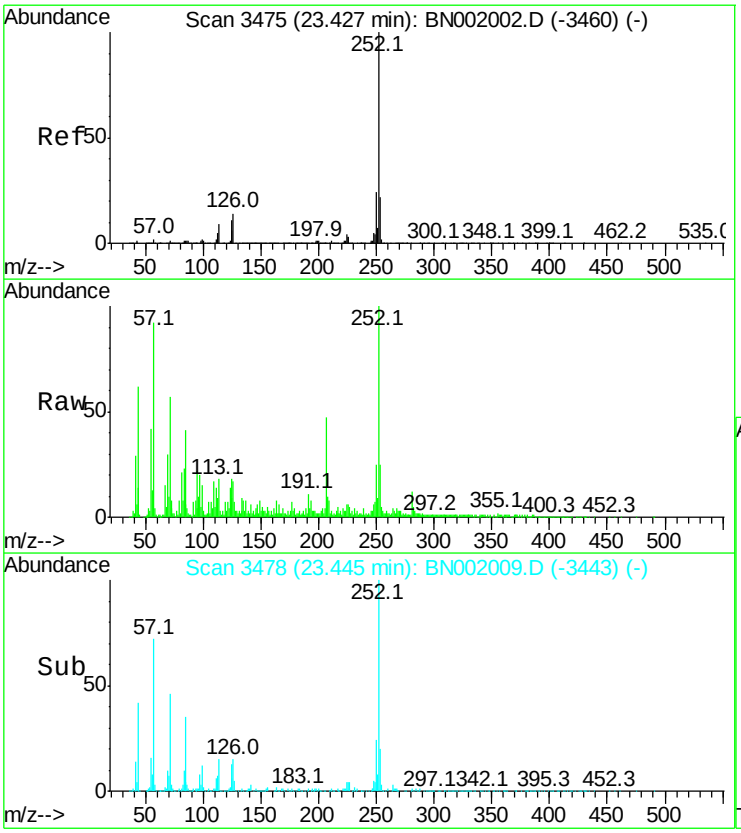

#86
Benzo(k)fluoranthene
Concen: 5.212 ng/ul
RT: 22.87 min Scan# 3381
Delta R.T. -0.04 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

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

Tgt Ion:252 Resp: 751326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 17.1 | 25.7 |
| 125 | 16.0 | 5.4 | 8.0# |

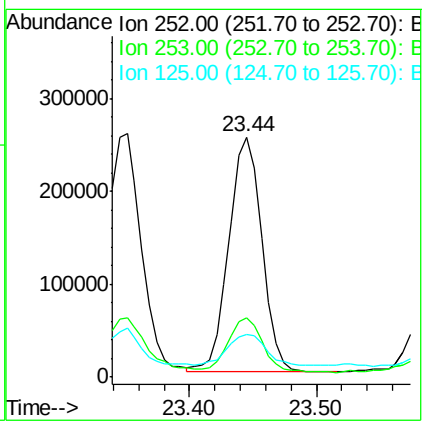


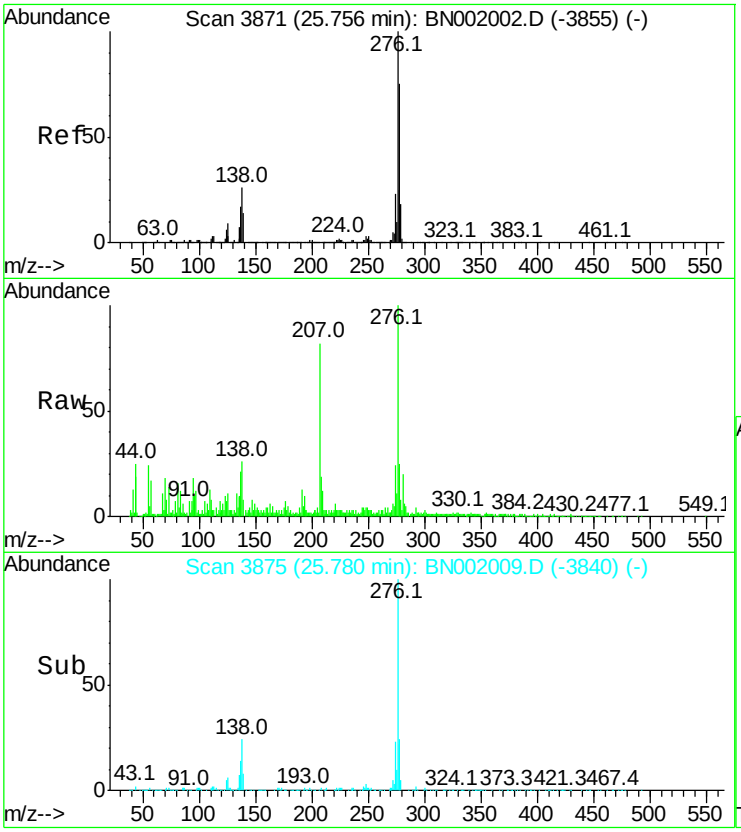




#88
Benzo(a)pyrene
Concen: 3.292 ng/ul
RT: 23.44 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

Tgt Ion:252 Resp: 457357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 17.2 | 25.8 |
| 125 | 17.9 | 5.8 | 8.6# |



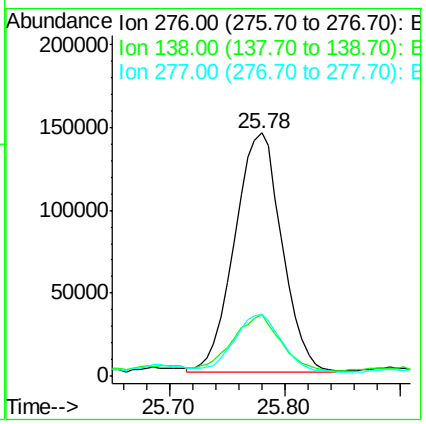


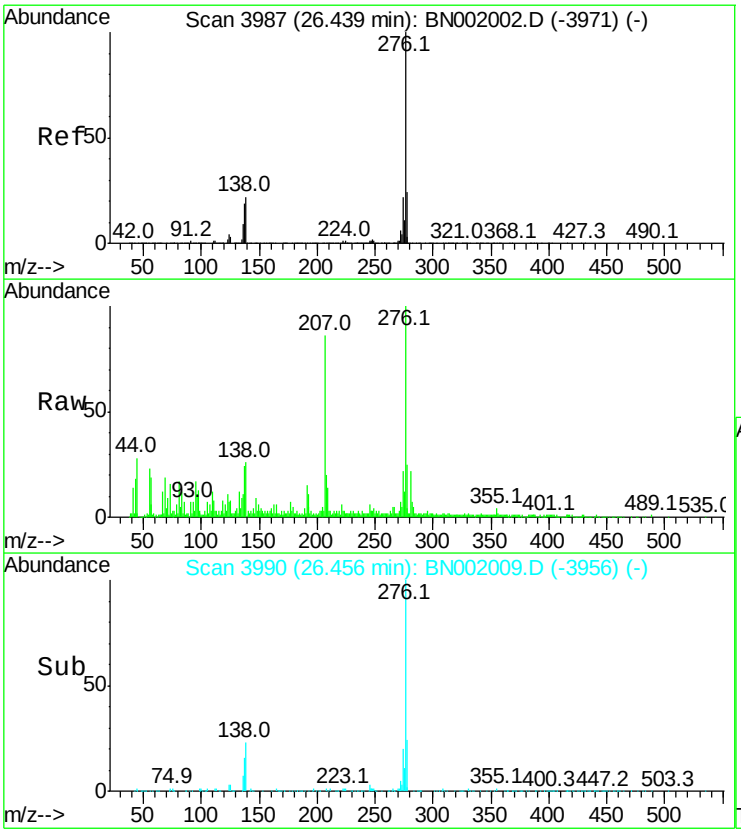

#89
Indeno(1,2,3-cd)pyrene
Concen: 2.773 ng/ul
RT: 25.78 min Scan# 3875
Delta R.T. 0.01 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

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

Tgt Ion:276 Resp: 409864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.6 | 10.9 | 16.3# |
| 277 | 25.2 | 18.9 | 28.3 |




#91
Benzo(g,h,i)perylene
Concen: 3.285 ng/ul
RT: 26.46 min Scan# 3990
Delta R.T. -0.00 min
Lab File: BN002009.D
Acq: 11 Jul 2018 14:15

Tgt Ion:276 Resp: 400626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.3 | 11.2 | 16.8# |
| 277 | 25.2 | 19.0 | 28.6 |