Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006019.D
Acq On : 02 Jun 2019 07:15
Operator : JU/SJ
Sample : K2928-15DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 03 01:08:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 533533 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.52 | 136 | 2245417 | 20.00 | ng/ul | -0.02 |
| 35) Acenaphthene-d10 | 14.38 | 164 | 1224723 | 20.00 | ng/ul | -0.02 |
| 61) Phenanthrene-d10 | 17.14 | 188 | 2181334 | 20.00 | ng/ul | -0.02 |
| 77) Chrysene-d12 | 21.36 | 240 | 1308465 | 20.00 | ng/ul | -0.02 |
| 85) Perylene-d12 | 23.65 | 264 | 1643376 | 20.00 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 9138 | 0.75 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.89 | 99 | 187541 | 3.97 | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 116457 | 4.32 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 157906 | 4.38 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.43 | 113 | 146982 | 3.85 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5 | 8.88 | 128 | 77136 | 5.35 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.60 | 143 | 81456 | 6.07 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3 | 10.14 | 165 | 138176 | 4.36 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4 | 10.66 | 131 | 70942 | 1.71 | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6 | 13.79 | 166 | 482418 | 5.34 | ng/ul | -0.02 |
| 46) Acenaphthylene-d8 | 14.07 | 160 | 565634 | 5.01 | ng/ul | -0.02 |
| 51) 4-Nitrophenol-d4 | 14.59 | 143 | 54282 | 3.30 | ng/ul | -0.02 |
| 57) Fluorene-d10 | 15.38 | 176 | 381822 | 5.04 | ng/ul | -0.02 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 16643 | 1.87 | ng/ul | -0.01 |
| 70) Anthracene-d10 | 17.24 | 188 | 493406 | 5.31 | ng/ul | -0.02 |
| 78) Pyrene-d10 | 19.55 | 212 | 378349 | 5.73 | ng/ul | -0.02 |
| 89) Benzo(a)pyrene-d12 | 23.50 | 264 | 341050 | 4.65 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.84 | 163 | 188874 | 2.093 | ng/ul | 100 |
| 47) Acenaphthylene | 14.10 | 152 | 131882 | 1.191 | ng/ul# | 95 |
| 49) Acenaphthene | 14.45 | 153 | 115920 | 1.541 | ng/ul | 96 |
| 58) Fluorene | 15.44 | 166 | 105571 | 1.266 | ng/ul# | 97 |
| 64) N-Nitrosodiphenylamine | 15.65 | 169 | 136612 | 2.246 | ng/ul# | 83 |
| 69) Phenanthrene | 17.18 | 178 | 2800701 | 25.914 | ng/ul | 99 |
| 71) Anthracene | 17.27 | 178 | 1024072 | 9.333 | ng/ul | 98 |
| 76) Fluoranthene | 19.22 | 202 | 8549065 | 74.098 | ng/ul | 97 |
| 79) Pyrene | 19.58 | 202 | 10000996 | 120.660 | ng/ul | 96 |
| 82) Benzo(a)anthracene | 21.34 | 228 | 5428527 | 65.998 | ng/ul | 95 |
| 83) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 57802 | 1.071 | ng/ul# | 58 |
| 84) Chrysene | 21.40 | 228 | 5525195 | 72.022 | ng/ul | 96 |
| 87) Benzo(b)fluoranthene | 22.97 | 252 | 5278462 | 57.186 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.97 | 252 | 5278462 | 62.196 | ng/ul | 96 |
| 90) Benzo(a)pyrene | 23.55 | 252 | 4231718 | 48.616 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.96 | 276 | 2601615 | 25.471 | ng/ul | 100 |
| 92) Dibenzo(a,h)anthracene | 25.96 | 278 | 844061 | 9.925 | ng/ul# | 78 |
| 93) Benzo(g,h,i)perylene | 26.67 | 276 | 2237884 | 26.015 | ng/ul | 95 |

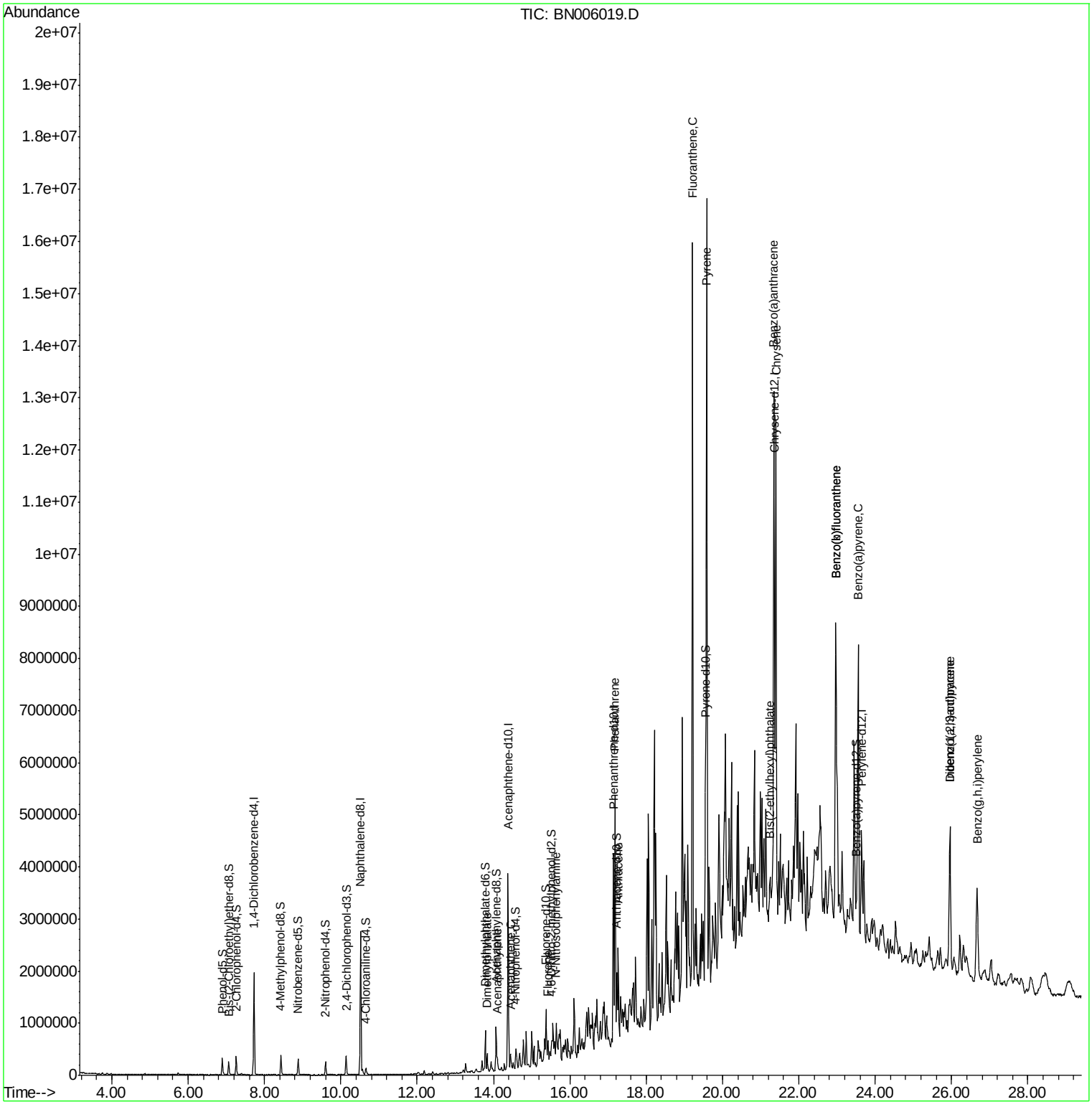
(#) = qualifier out of range (m) = manual integration (+) = signals summed

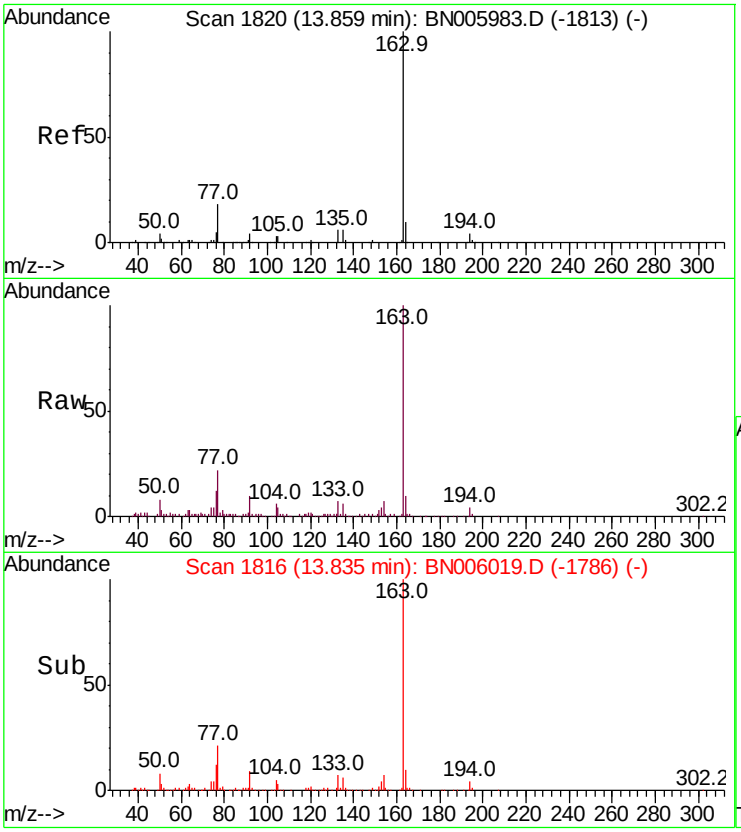
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006019.D
Acq On : 02 Jun 2019 07:15
Operator : JU/SJ
Sample : K2928-15DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 03 01:08:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration



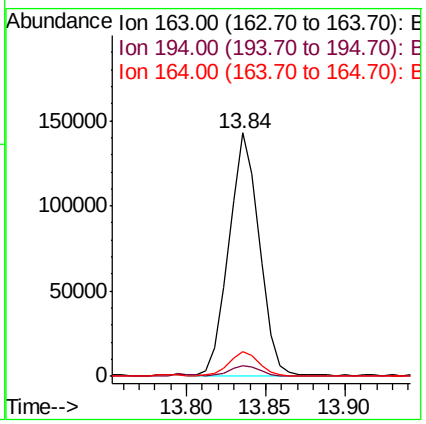


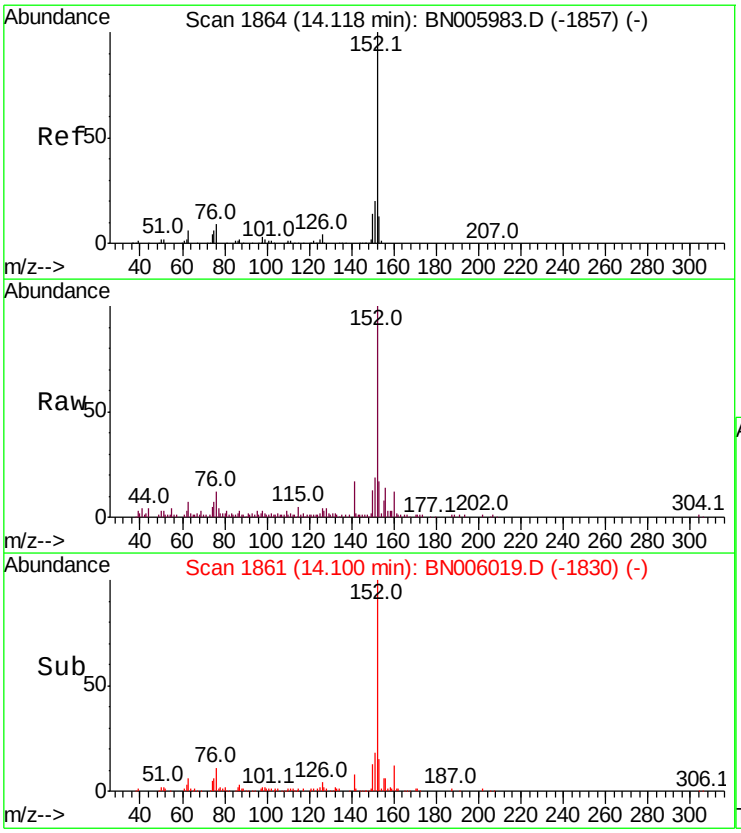

#44
Dimethylphthalate
Concen: 2.093 ng/ul
RT: 13.84 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

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

Tgt Ion:163 Resp: 188874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.0 |
| 164 | 10.0 | 8.1 | 12.1 |

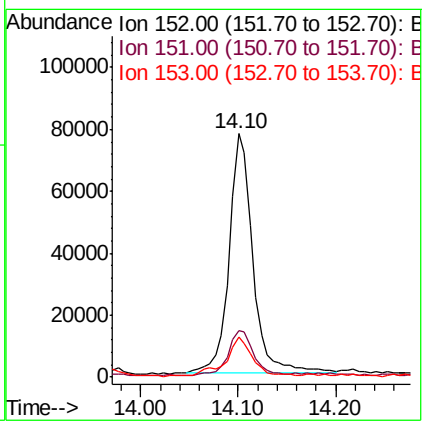


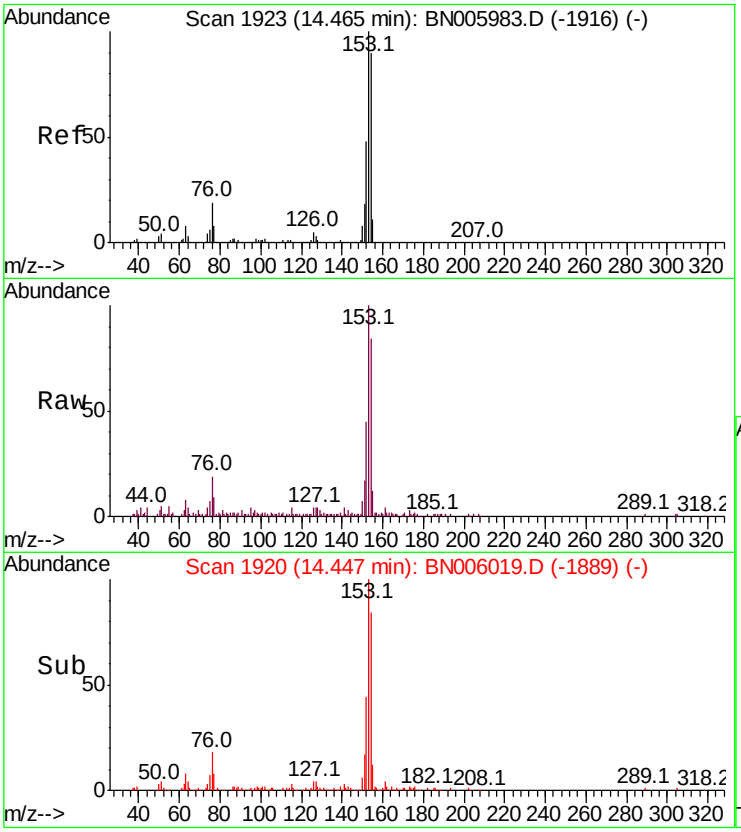




#47
Acenaphthylene
Concen: 1.191 ng/ul
RT: 14.10 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:152 Resp: 131882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.9 | 15.8 | 23.8 |
| 153 | 16.6 | 9.8 | 14.8# |



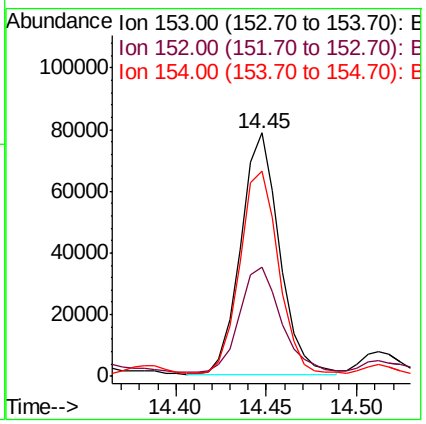


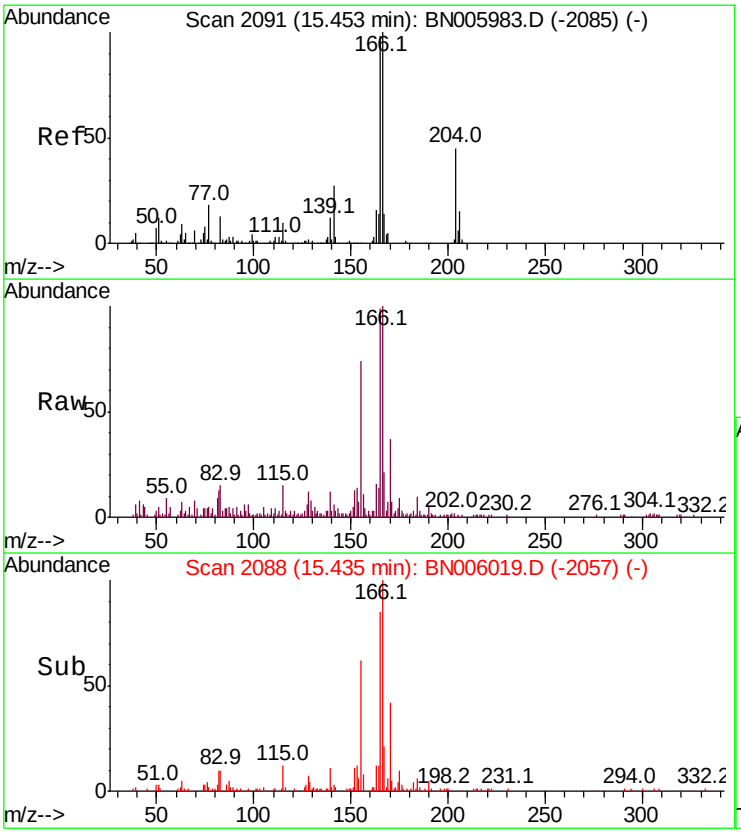

#49
Acenaphthene
Concen: 1.541 ng/ul
RT: 14.45 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

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

Tgt Ion:153 Resp: 115920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 45.1 | 37.4 | 56.0 |
| 154 | 84.3 | 71.2 | 106.8 |

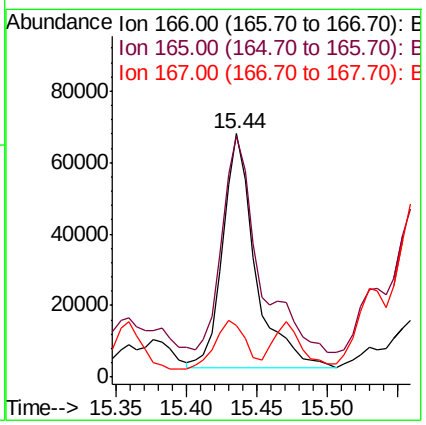


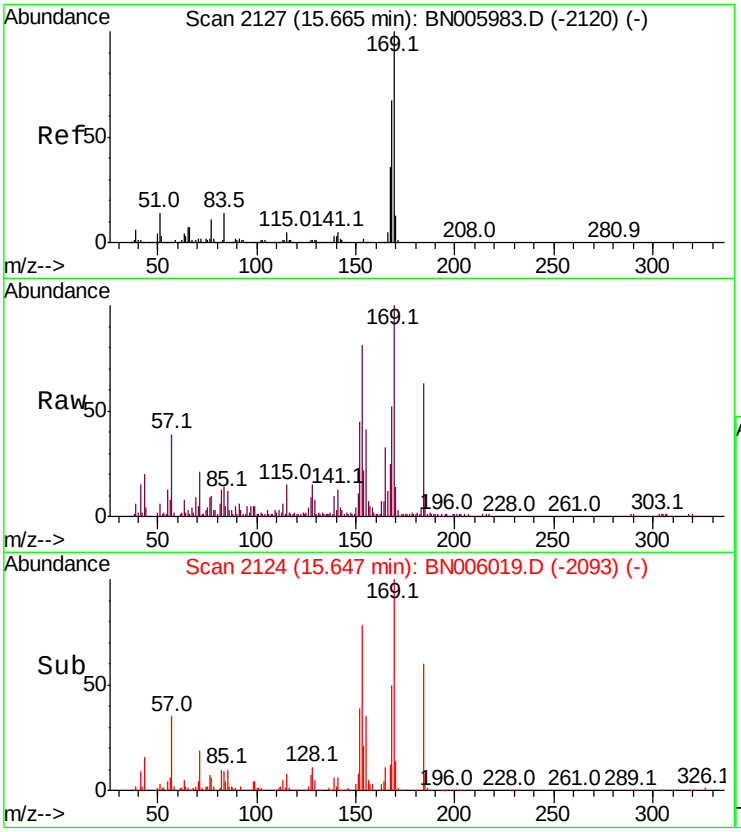




#58
Fluorene
Concen: 1.266 ng/ul
RT: 15.44 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:166 Resp: 105571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.8 | 80.0 | 120.0 |
| 167 | 21.1 | 10.7 | 16.1# |



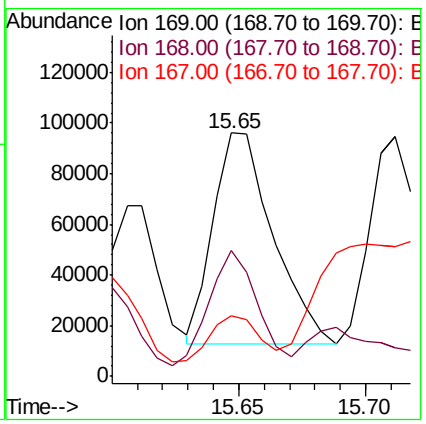


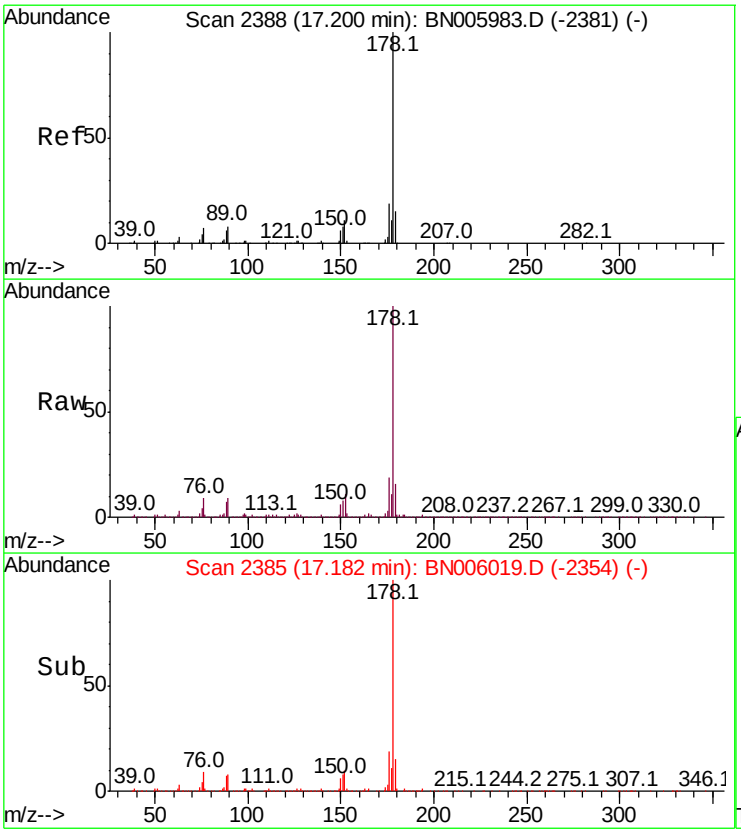

#64
N-Nitrosodiphenylamine
Concen: 2.246 ng/ul
RT: 15.65 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

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

Tgt Ion:169 Resp: 136612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 51.7 | 52.2 | 78.2# |
| 167 | 25.1 | 27.7 | 41.5# |

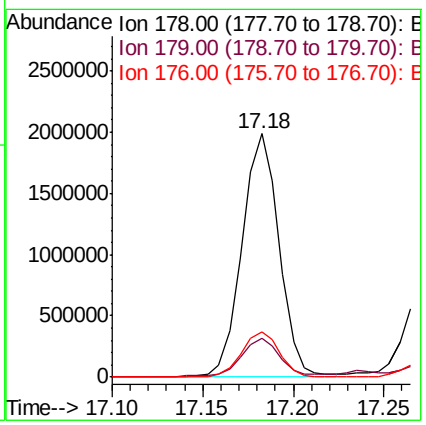


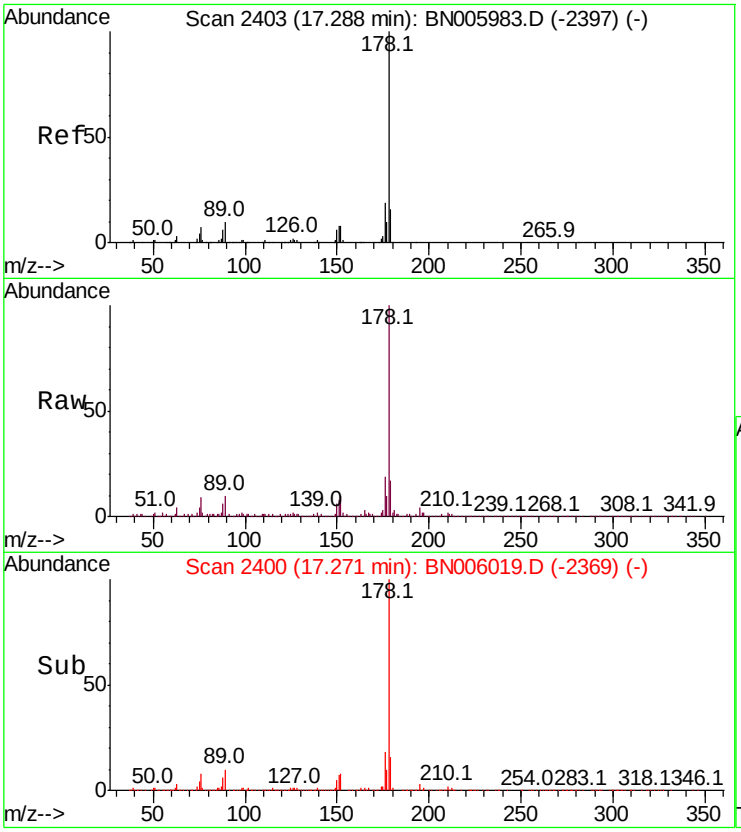




#69
Phenanthrene
Concen: 25.914 ng/ul
RT: 17.18 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:178 Resp: 2800701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.9 | 12.2 | 18.4 |
| 176 | 18.8 | 15.1 | 22.7 |



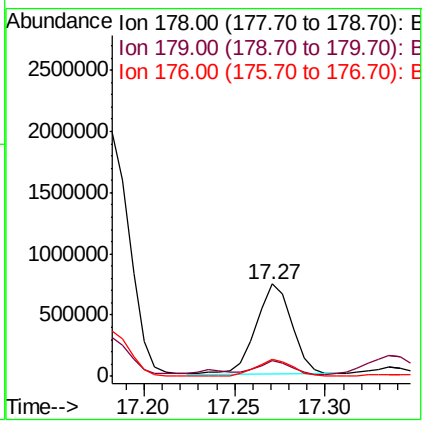


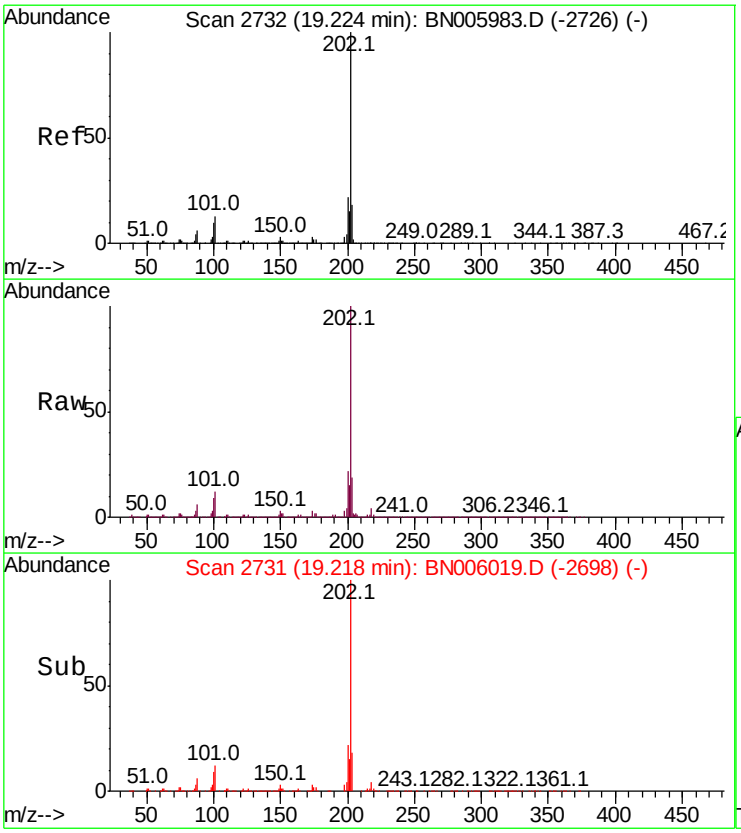

#71
Anthracene
Concen: 9.333 ng/ul
RT: 17.27 min Scan# 2400
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

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

Tgt Ion:178 Resp: 1024072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.5 | 12.3 | 18.5 |
| 176 | 18.6 | 15.1 | 22.7 |

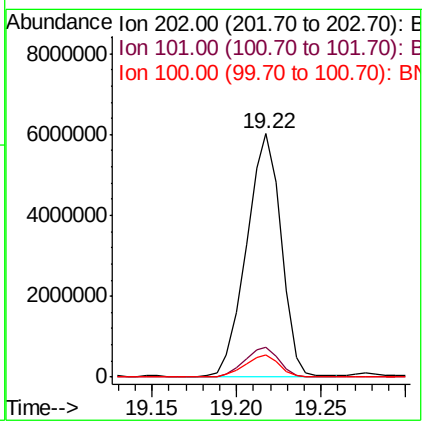


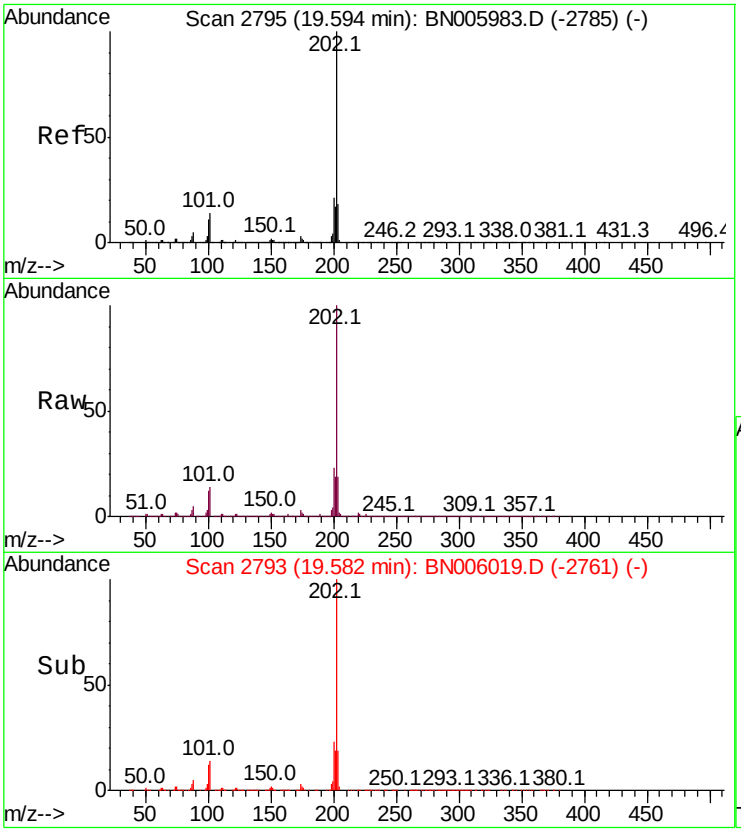




#76
Fluoranthene
Concen: 74.098 ng/ul
RT: 19.22 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:202 Resp: 8549065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.2 | 8.6 | 12.8 |
| 100 | 8.9 | 6.3 | 9.5 |



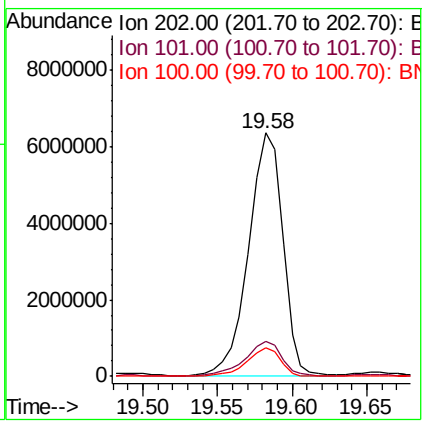


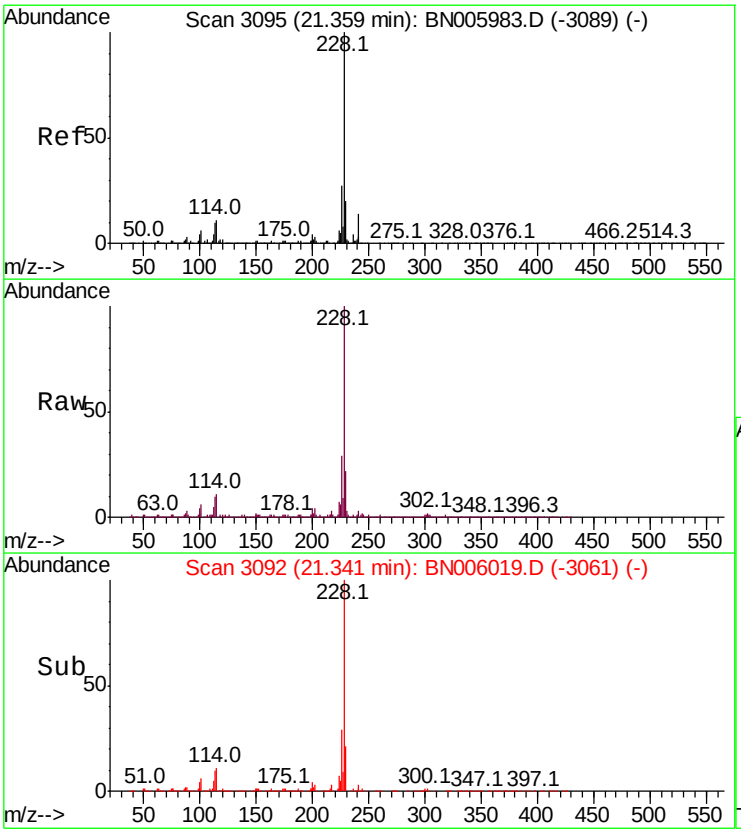

#79
Pyrene
Concen: 120.660 ng/ul
RT: 19.58 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

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

Tgt Ion:202 Resp:10000996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.3 | 10.3 | 15.5 |
| 100 | 11.6 | 7.9 | 11.9 |

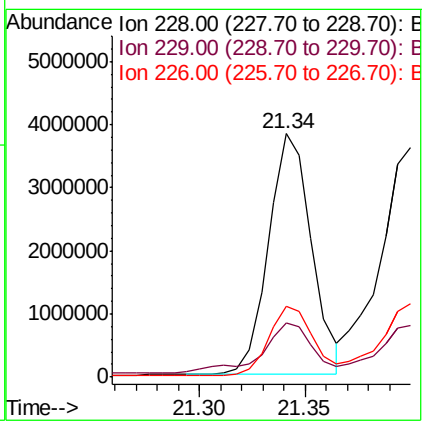


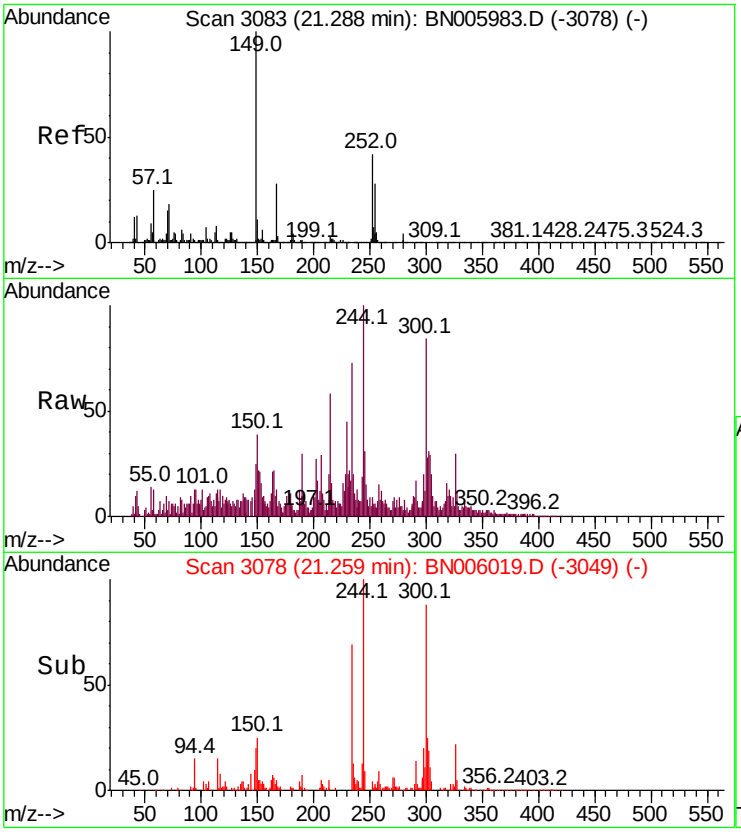




#82
Benzo(a)anthracene
Concen: 65.998 ng/ul
RT: 21.34 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:228 Resp: 5428527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 22.0 | 15.8 | 23.6 |
| 226 | 29.2 | 21.4 | 32.2 |



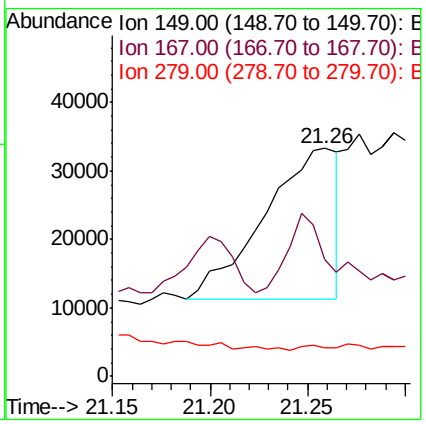


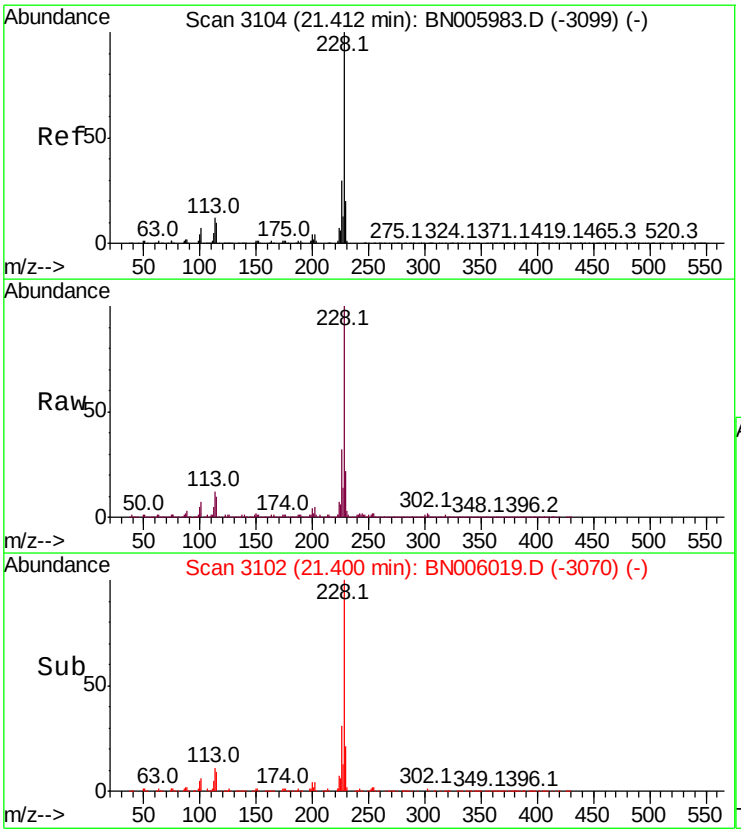

#83
Bis(2-ethylhexyl)phthalate
Concen: 1.071 ng/ul
RT: 21.26 min Scan# 3078
Delta R.T. -0.03 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

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

Tgt Ion:149 Resp: 57802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 51.4 | 22.3 | 33.5# |
| 279 | 12.7 | 3.3 | 4.9# |

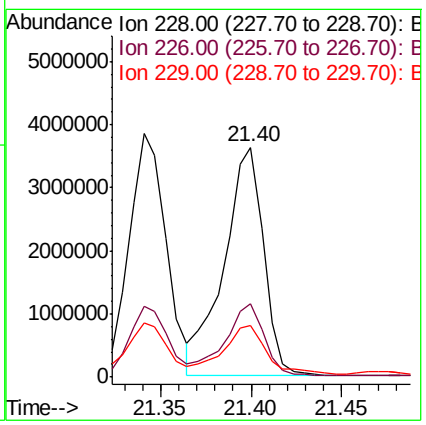


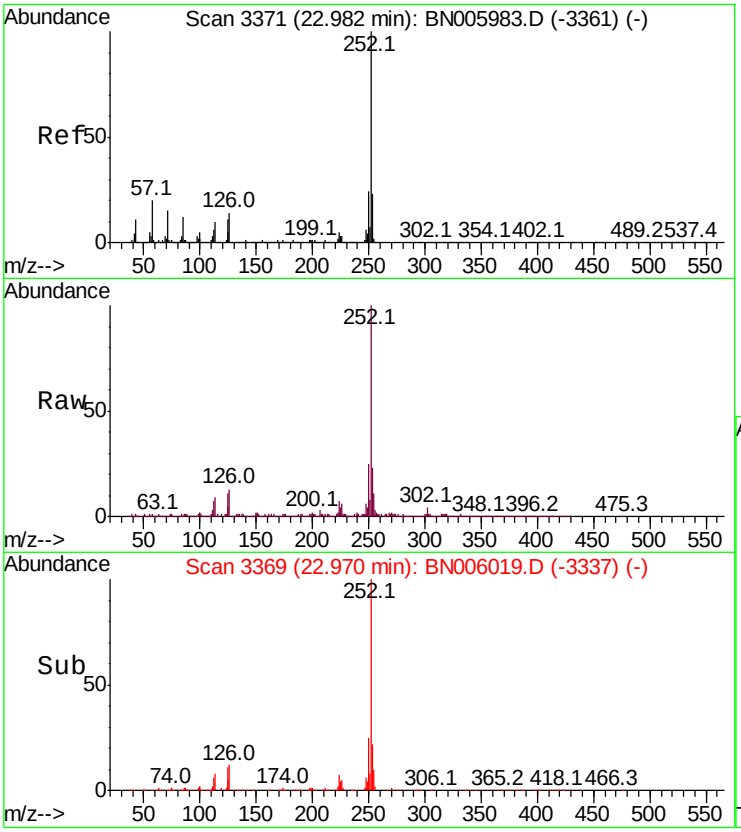




#84
Chrysene
Concen: 72.022 ng/ul
RT: 21.40 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:228 Resp: 5525195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.7 | 24.0 | 36.0 |
| 229 | 22.2 | 15.4 | 23.0 |



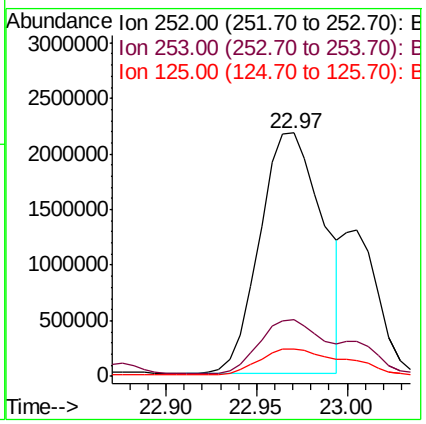


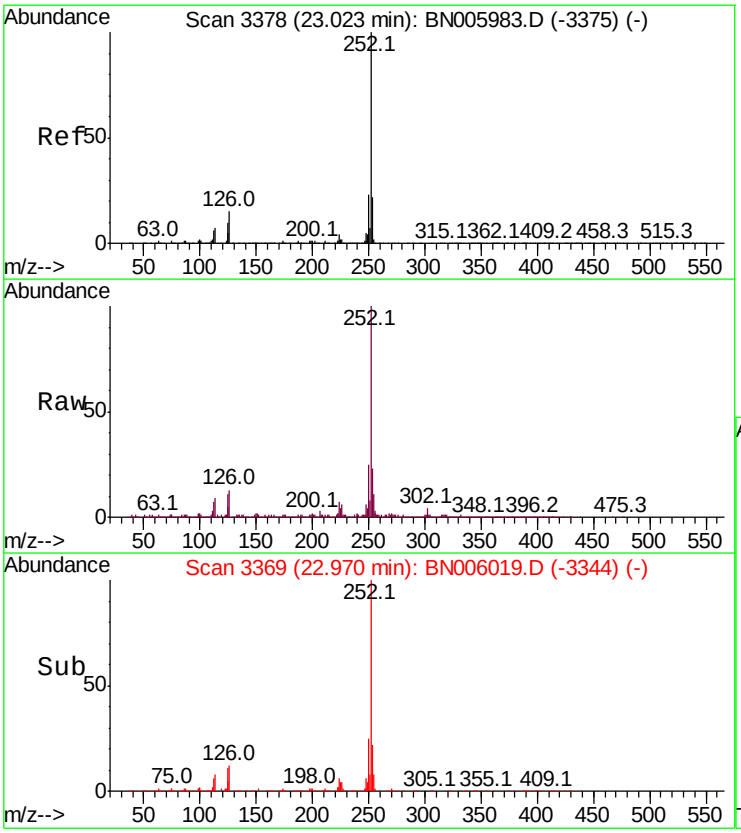

#87
Benzo(b)fluoranthene
Concen: 57.186 ng/ul
RT: 22.97 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

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

Tgt Ion:252 Resp: 5278462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.7 | 26.5 |
| 125 | 11.1 | 8.4 | 12.6 |

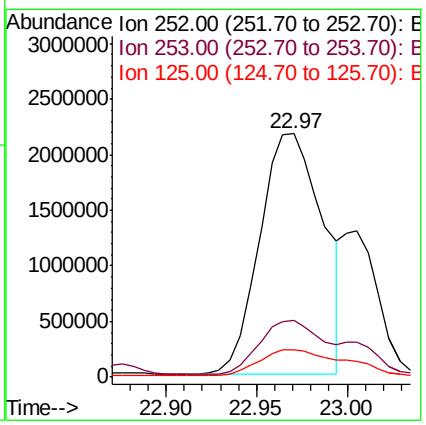


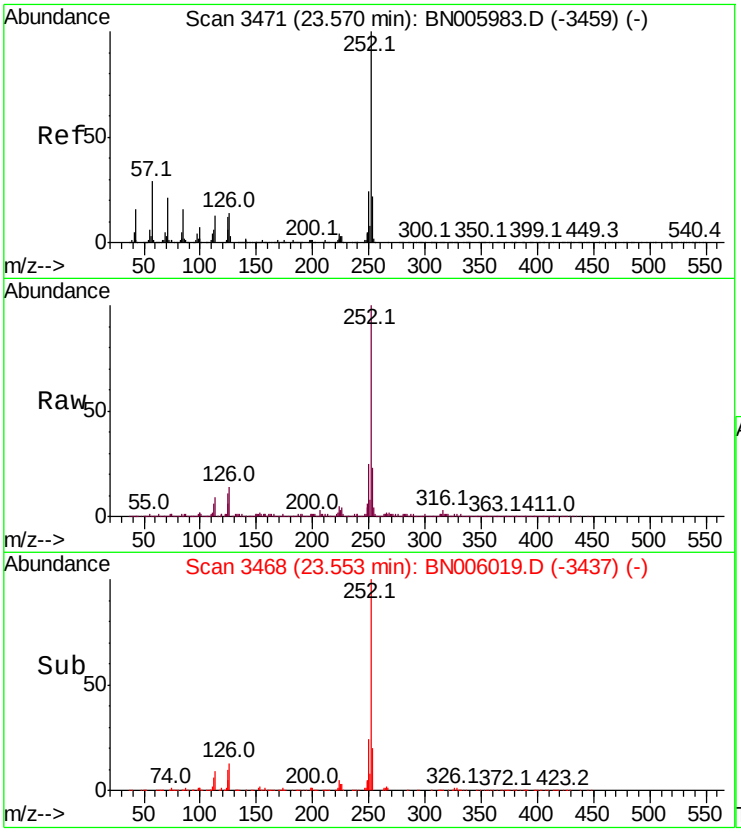




#88
Benzo(k)fluoranthene
Concen: 62.196 ng/ul
RT: 22.97 min Scan# 3369
Delta R.T. -0.05 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:252 Resp: 5278462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.4 | 26.0 |
| 125 | 11.1 | 7.5 | 11.3 |



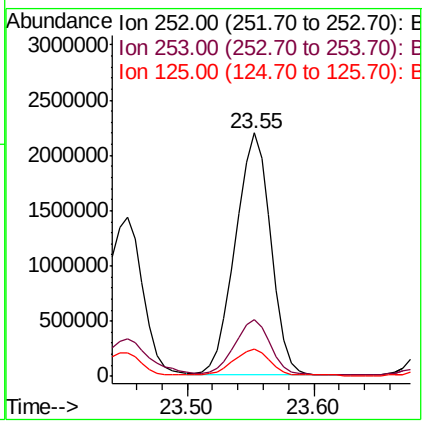


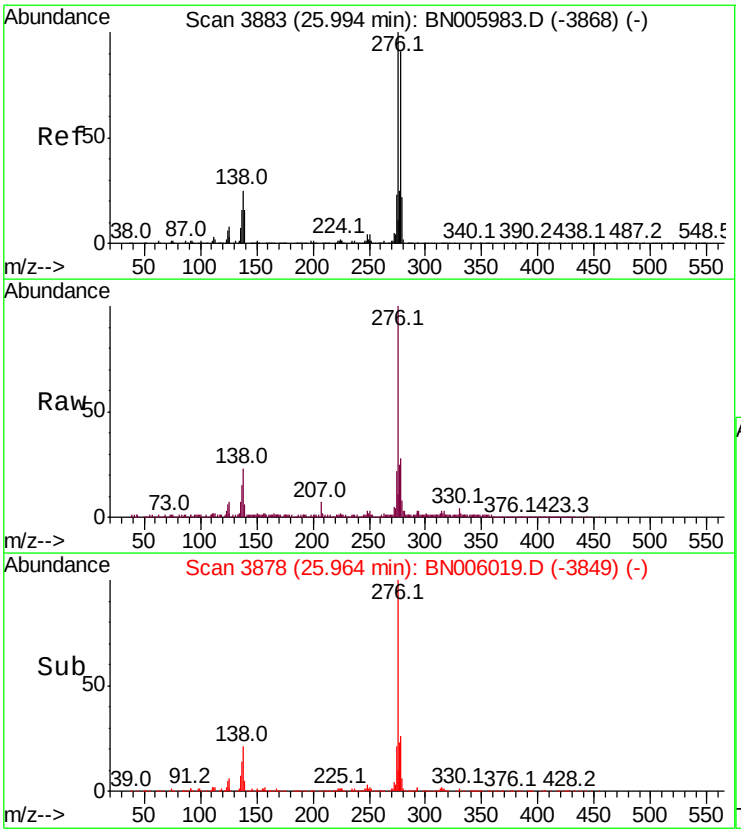

#90
Benzo(a)pyrene
Concen: 48.616 ng/ul
RT: 23.55 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

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

Tgt Ion:252 Resp: 4231718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.3 | 25.9 |
| 125 | 11.0 | 8.6 | 13.0 |

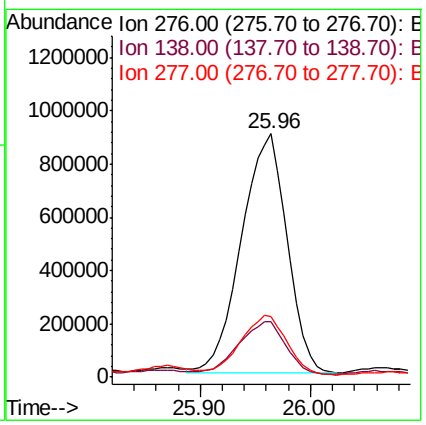


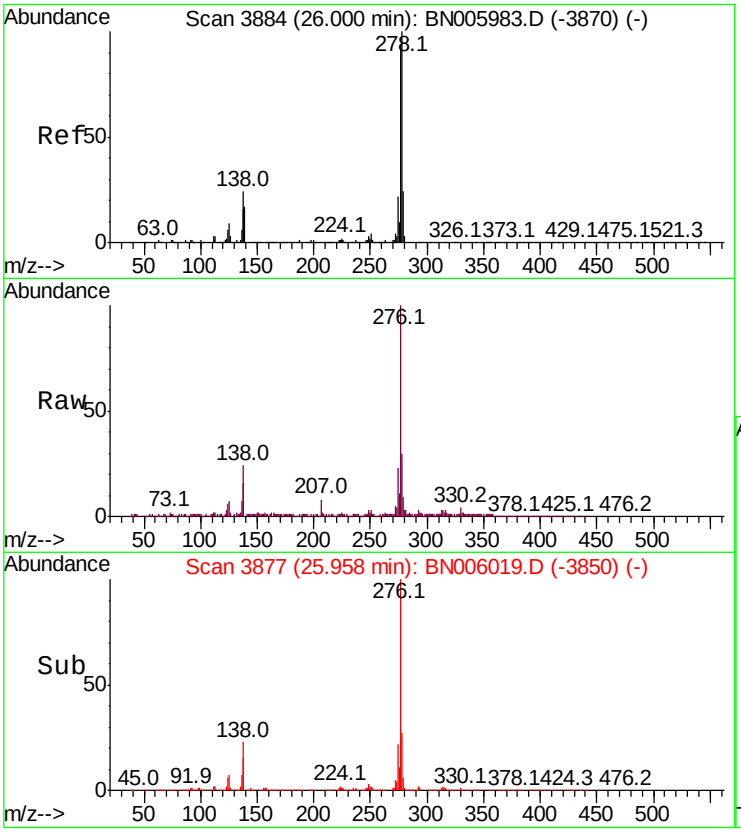




#91
Indeno(1,2,3-cd)pyrene
Concen: 25.471 ng/ul
RT: 25.96 min Scan# 3878
Delta R.T. -0.03 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:276 Resp: 2601615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.6 | 17.9 | 26.9 |
| 277 | 24.7 | 19.7 | 29.5 |



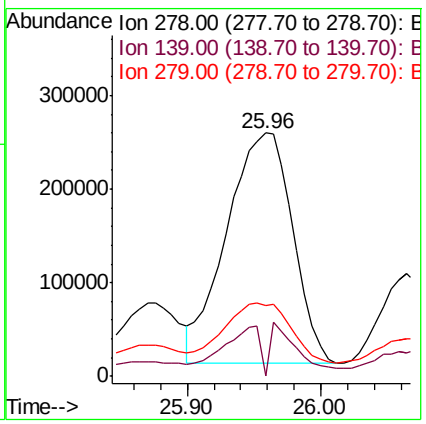


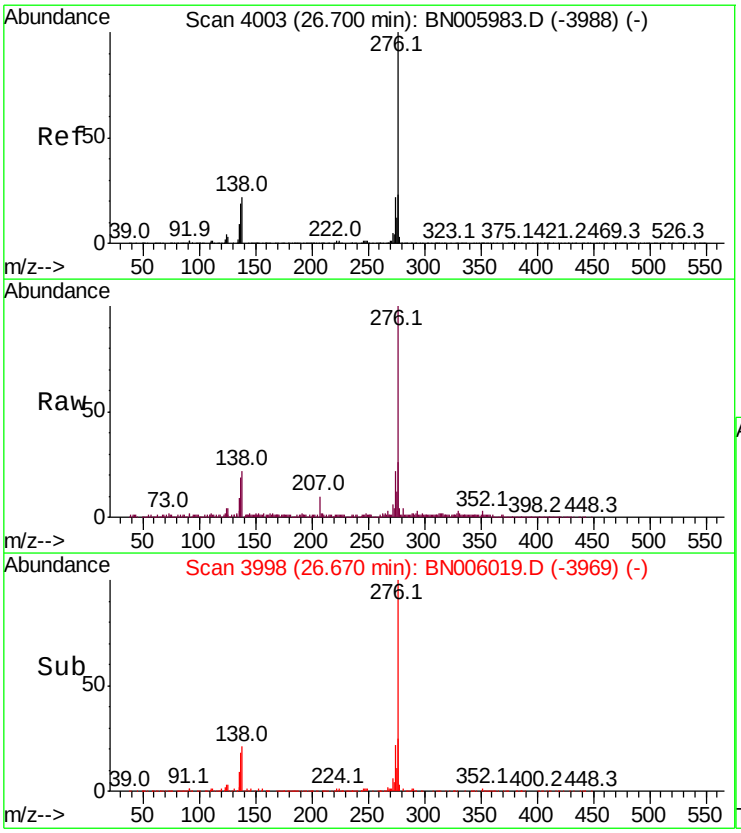

#92
Dibenzo(a,h)anthracene
Concen: 9.925 ng/ul
RT: 25.96 min Scan# 3877
Delta R.T. -0.04 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

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

Tgt Ion:278 Resp: 844061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 13.1 | 19.7# |
| 279 | 29.3 | 19.4 | 29.0# |




#93
Benzo(g,h,i)perylene
Concen: 26.015 ng/ul
RT: 26.67 min Scan# 3998
Delta R.T. -0.03 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:276 Resp: 2237884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.1 | 16.7 | 25.1 |
| 277 | 25.9 | 18.2 | 27.2 |