Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006119.D
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Jun 06 07:55:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 07:51:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 352817 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 1607853 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.30 | 164 | 882020 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.05 | 188 | 1764816 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.27 | 240 | 1465816 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.50 | 264 | 1679332 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.15 | 96 | 24966 | 3.07 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 454147 | 16.11 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.98 | 67 | 298227 | 18.50 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.18 | 132 | 367911 | 16.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.35 | 113 | 282925 | 12.95 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.80 | 128 | 181919 | 15.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.52 | 143 | 195087 | 15.32 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.05 | 165 | 336705 | 14.63 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.57 | 131 | 197163 | 7.17 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.71 | 166 | 1095415 | 17.51 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.99 | 160 | 1318113 | 16.28 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.51 | 143 | 103994 | 9.41 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.30 | 176 | 905230 | 17.12 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 95896 | 9.71 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.15 | 188 | 1246626 | 16.55 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.46 | 212 | 1286055 | 18.16 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.36 | 264 | 1147204 | 15.34 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.85 | 94 | 39478 | 1.370 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.76 | 163 | 206628 | 3.329 | ng/ul | 99 |
| 69) Phenanthrene | 17.09 | 178 | 177097 | 2.046 | ng/ul | 99 |
| 76) Fluoranthene | 19.12 | 202 | 362970 | 3.742 | ng/ul | 97 |
| 79) Pyrene | 19.49 | 202 | 329770 | 3.659 | ng/ul | 97 |
| 82) Benzo(a)anthracene | 21.30 | 228 | 181470 | 2.014 | ng/ul | 95 |
| 83) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 192927 | 3.168 | ng/ul | 99 |
| 84) Chrysene | 21.30 | 228 | 187326 | 2.169 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.84 | 252 | 220413 | 2.462 | ng/ul# | 91 |
| 88) Benzo(k)fluoranthene | 22.84 | 252 | 220413 | 2.515 | ng/ul# | 92 |
| 90) Benzo(a)pyrene | 23.41 | 252 | 147895 | 1.709 | ng/ul | 98 |

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

Quantitation Report (Not Reviewed)

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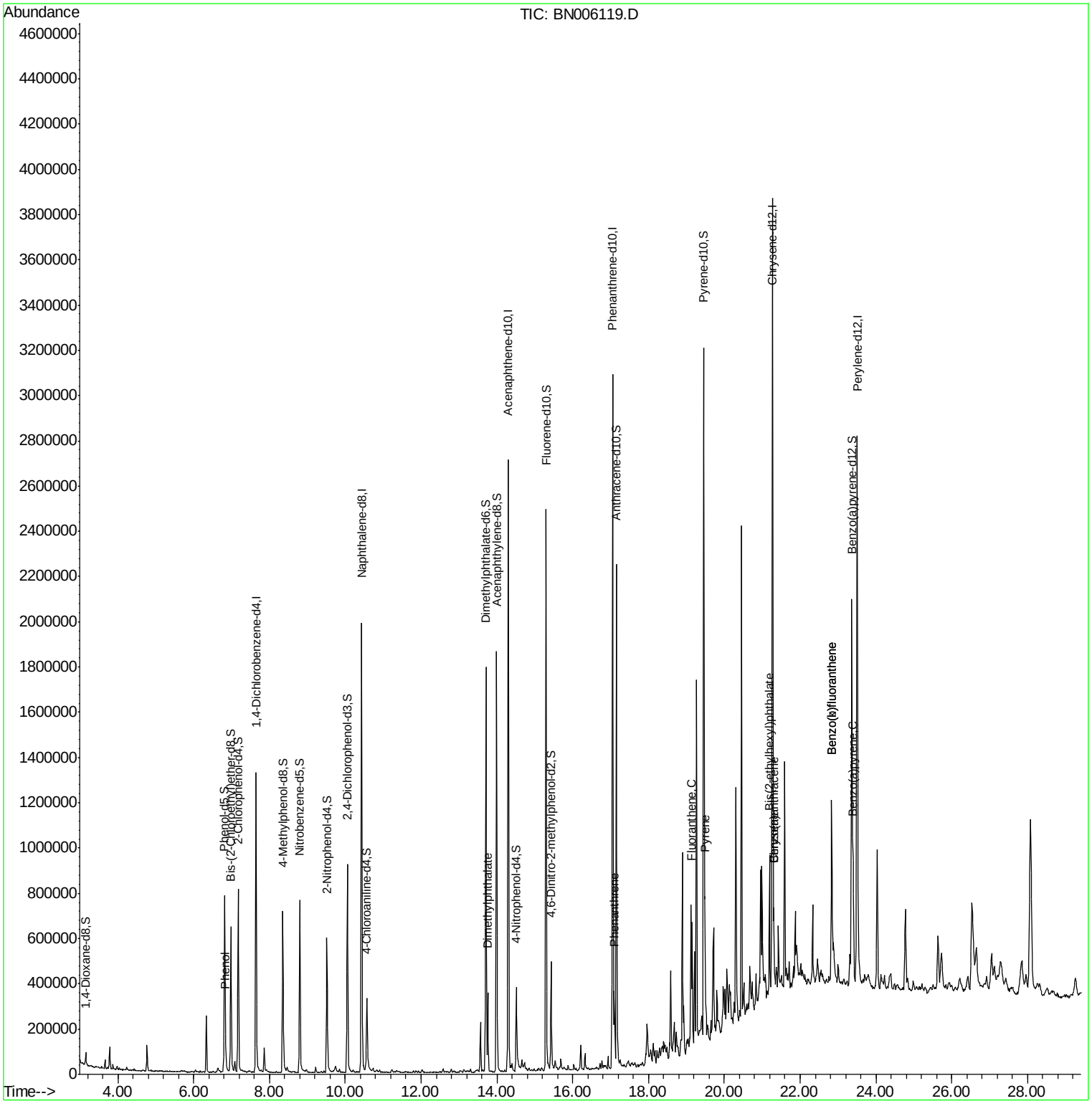
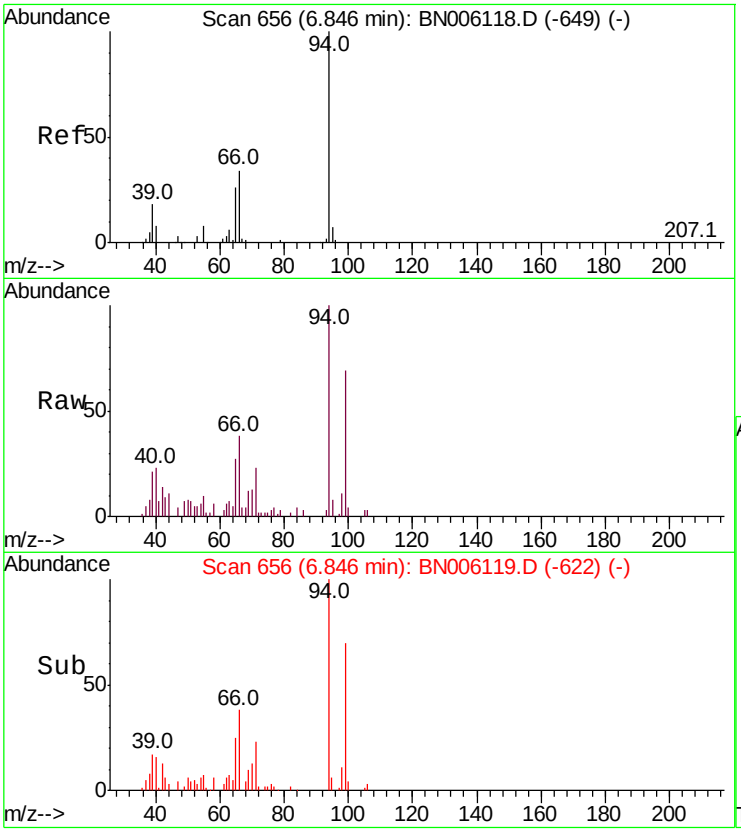
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Jun 06 07:55:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 07:51:51 2019
Response via : Initial Calibration



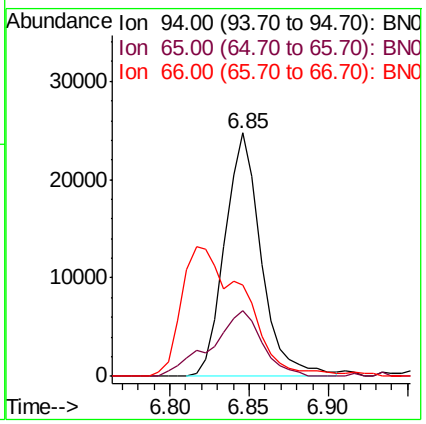


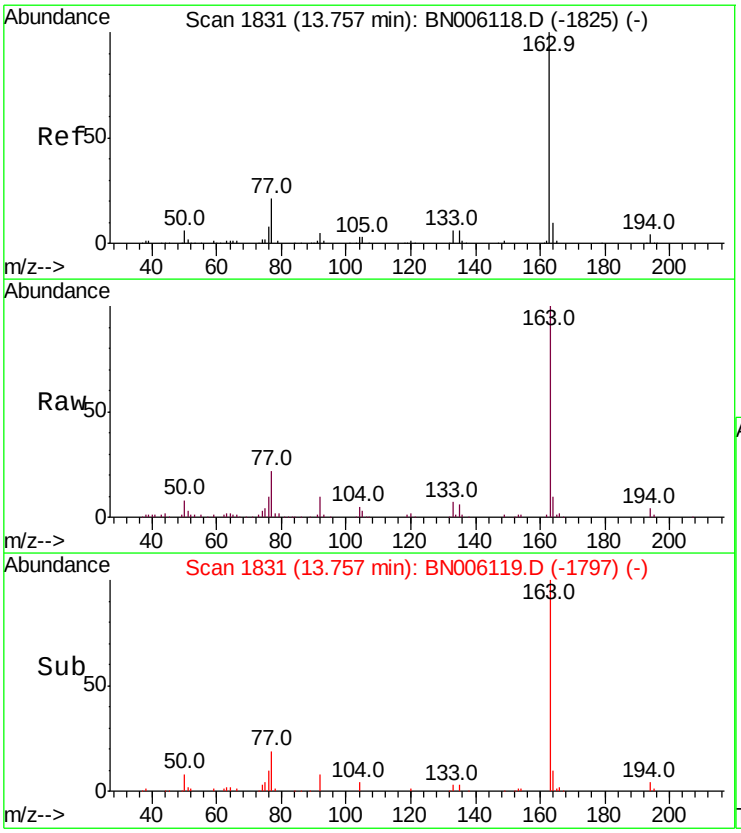

#6
Phenol
Concen: 1.370 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. 0.00 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

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

Tgt Ion: 94 Resp: 39478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.0 | 21.8 | 32.6 |
| 66 | 37.5 | 29.5 | 44.3 |

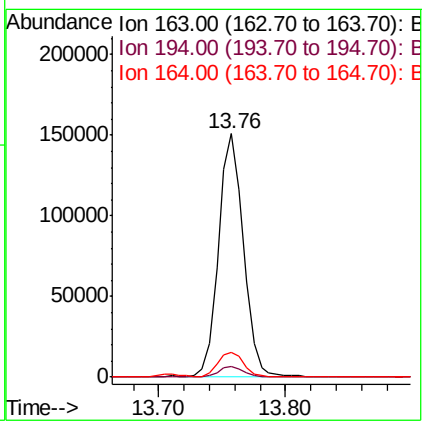


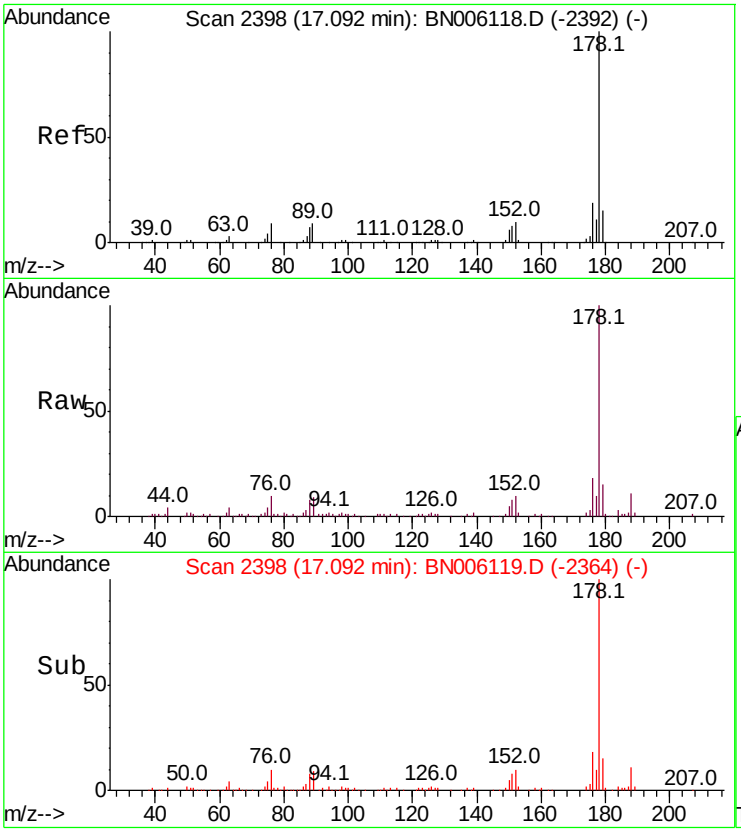




#44
Dimethylphthalate
Concen: 3.329 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

Tgt Ion:163 Resp: 206628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.4 | 5.2 |
| 164 | 9.9 | 8.2 | 12.2 |



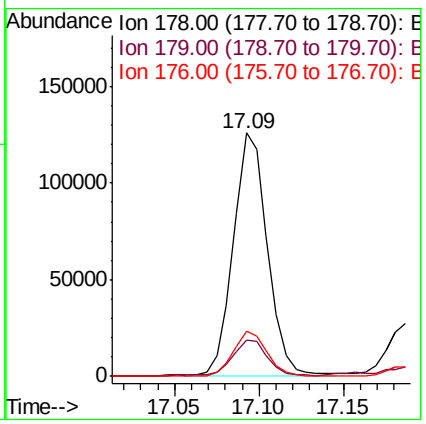


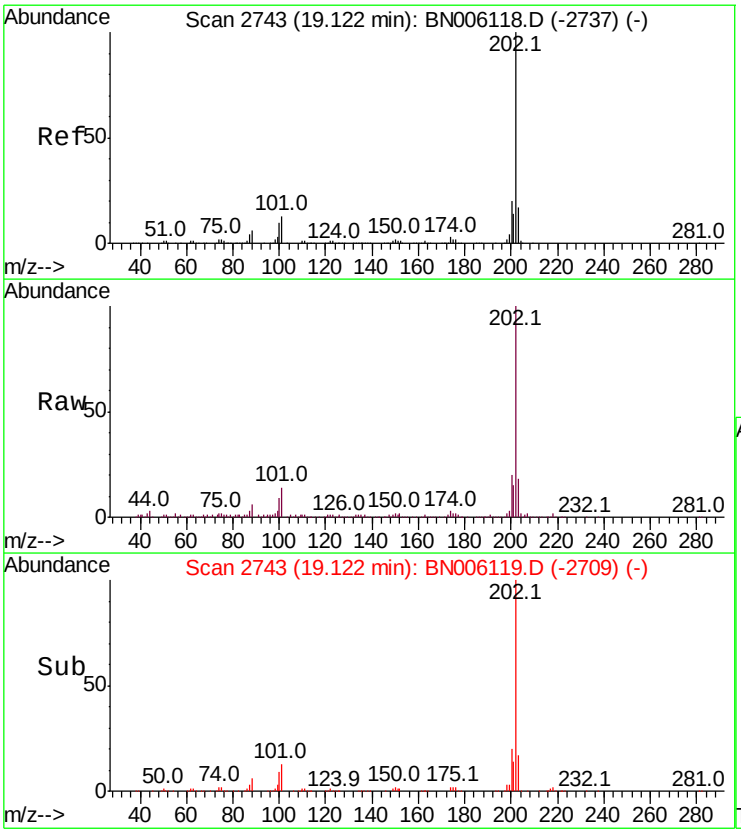

#69
Phenanthrene
Concen: 2.046 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

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

Tgt Ion:178 Resp: 177097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.0 | 11.8 | 17.8 |
| 176 | 18.4 | 15.0 | 22.6 |

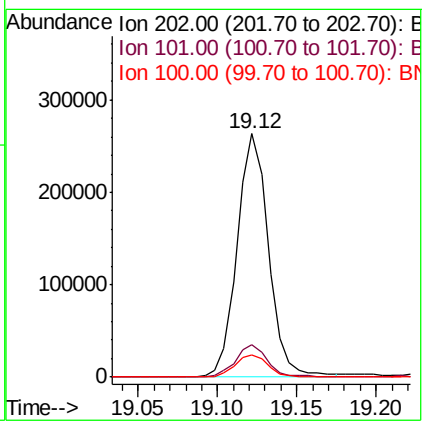


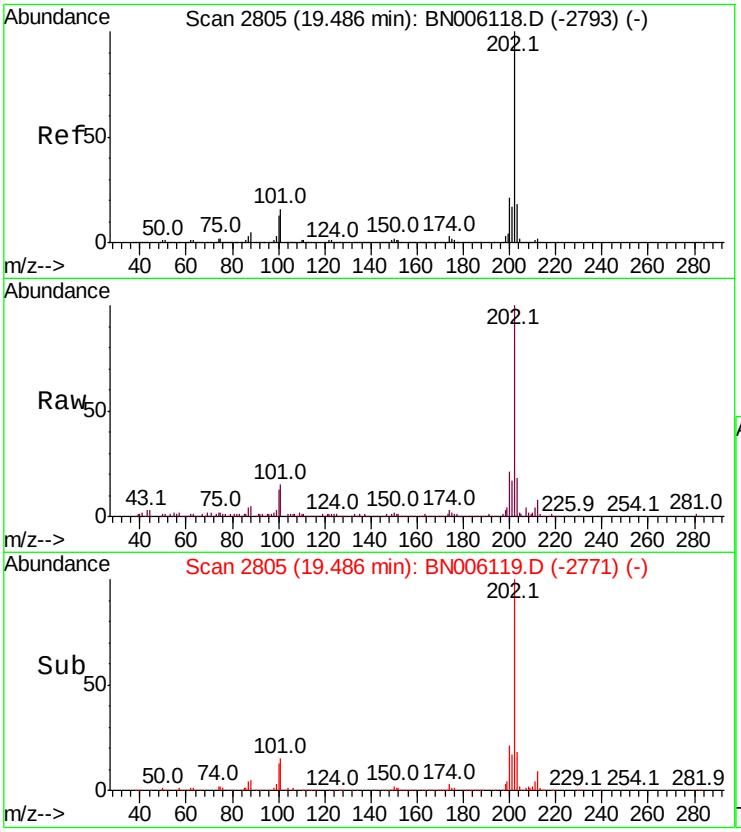




#76
Fluoranthene
Concen: 3.742 ng/ul
RT: 19.12 min Scan# 2743
Delta R.T. 0.00 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

Tgt Ion:202 Resp: 362970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.5 | 9.6 | 14.4 |
| 100 | 9.3 | 7.1 | 10.7 |



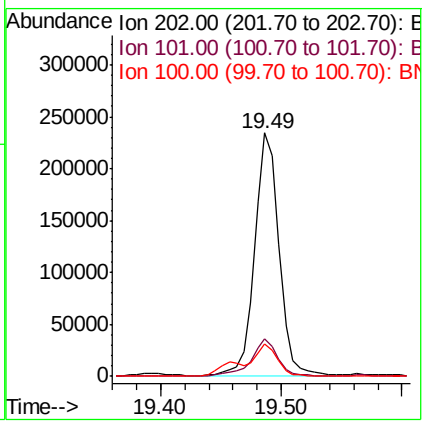


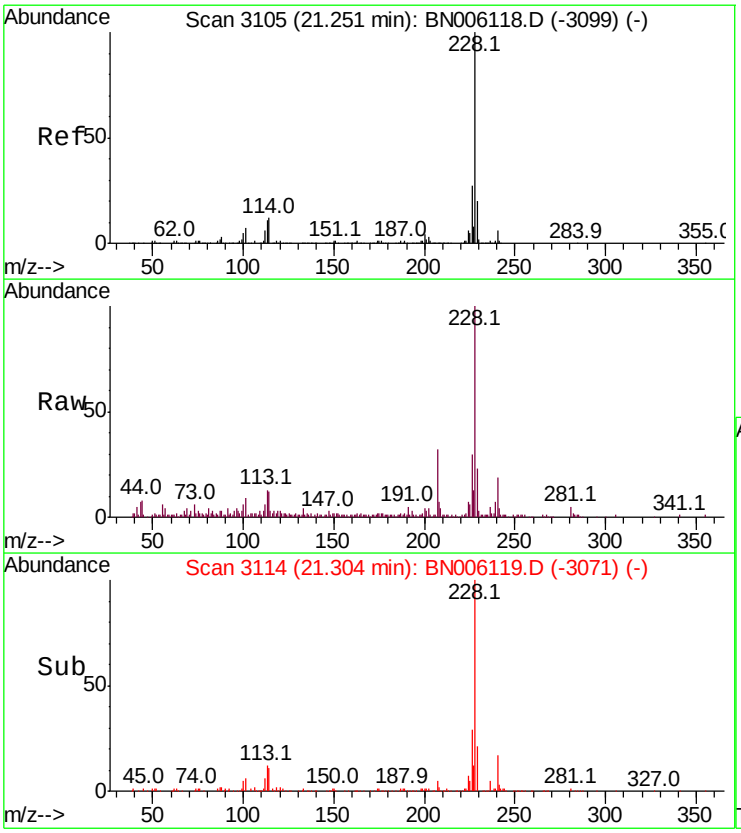

#79
Pyrene
Concen: 3.659 ng/ul
RT: 19.49 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

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

Tgt Ion:202 Resp: 329770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.3 | 11.5 | 17.3 |
| 100 | 13.2 | 9.0 | 13.6 |

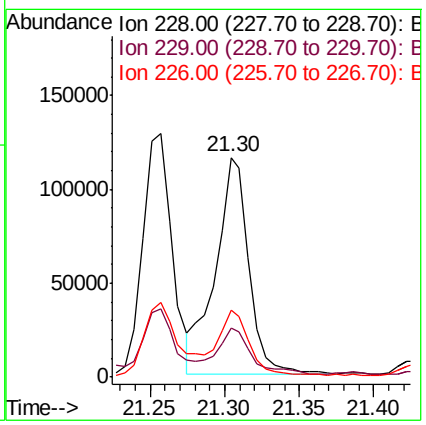


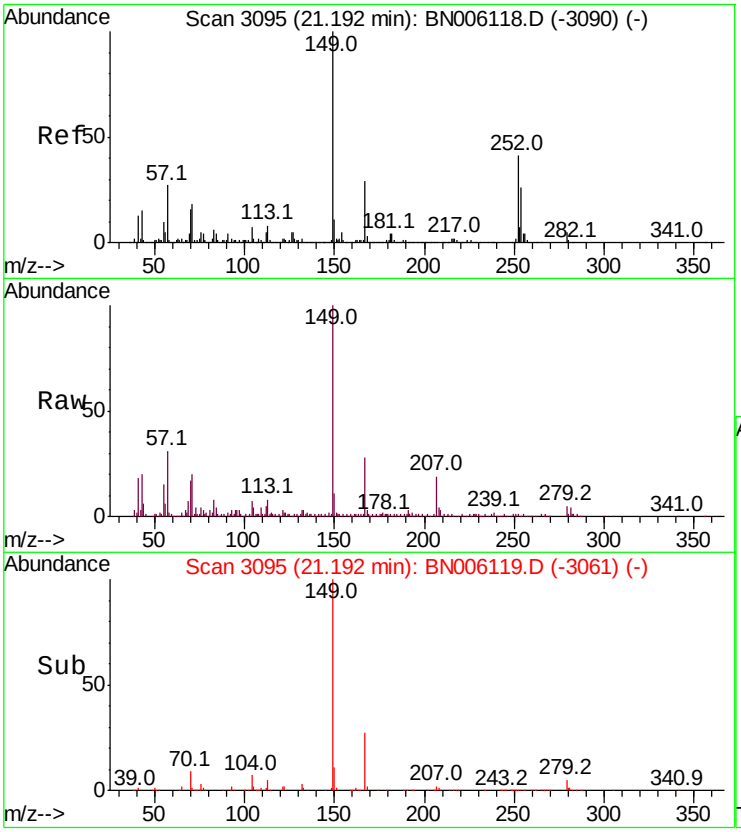




#82
Benzo(a)anthracene
Concen: 2.014 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. 0.05 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

Tgt Ion:228 Resp: 181470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 22.5 | 16.1 | 24.1 |
| 226 | 30.2 | 21.9 | 32.9 |



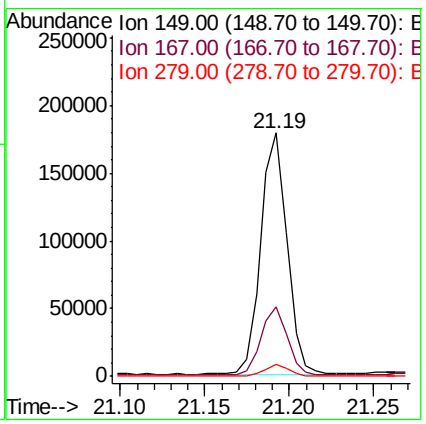


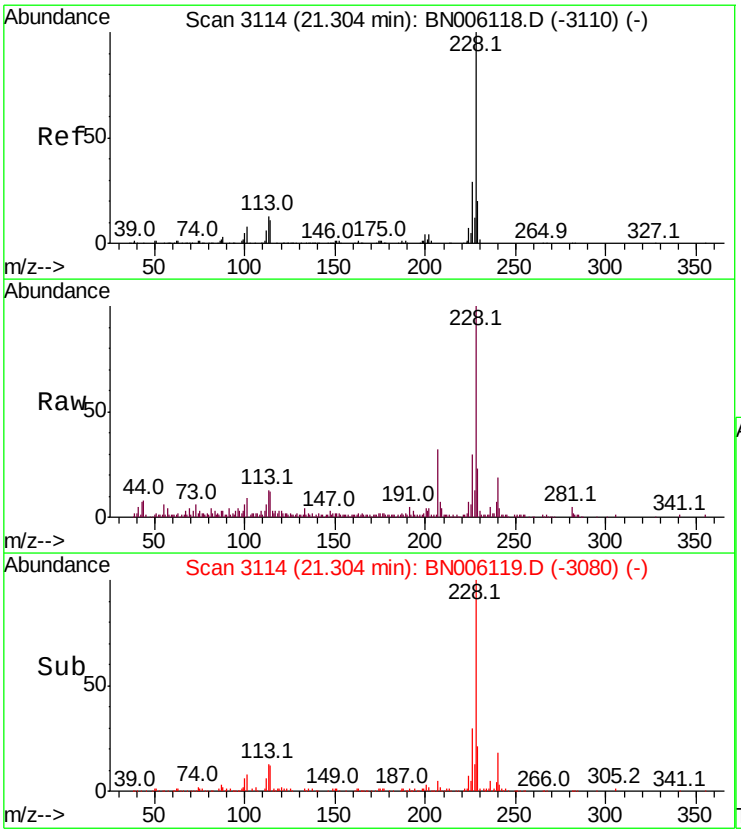

#83
Bis(2-ethylhexyl)phthalate
Concen: 3.168 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

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

Tgt Ion:149 Resp: 192927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.4 | 22.5 | 33.7 |
| 279 | 4.8 | 3.3 | 4.9 |

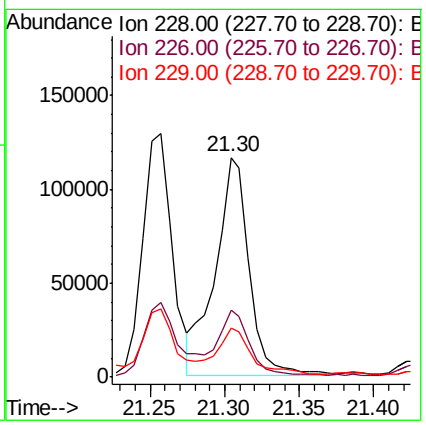


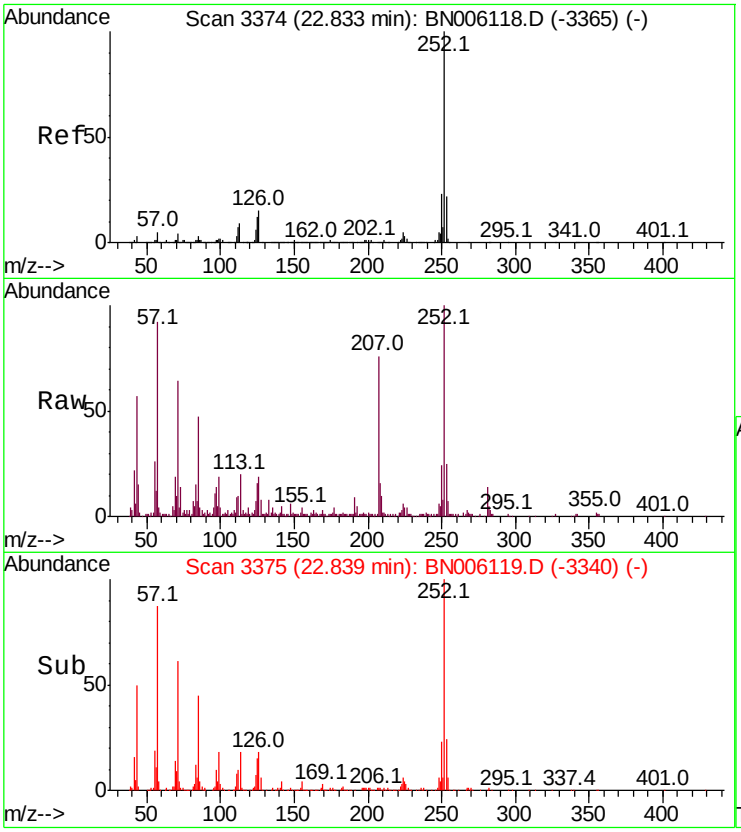




#84
Chrysene
Concen: 2.169 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

Tgt Ion:228 Resp: 187326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.1 | 36.1 |
| 229 | 22.5 | 16.0 | 24.0 |



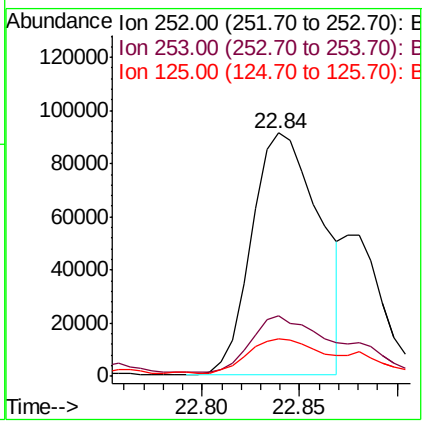


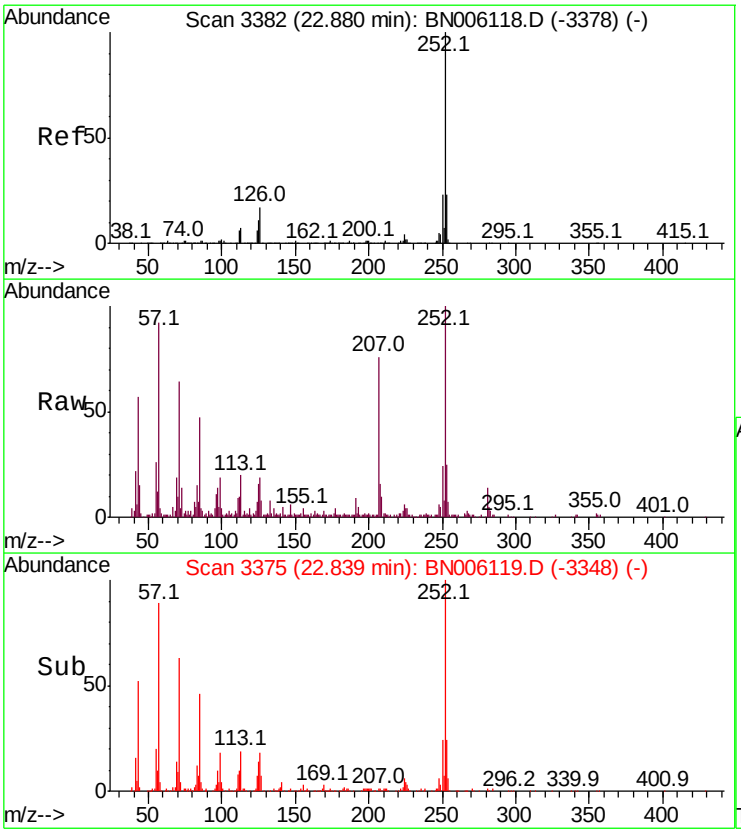

#87
Benzo(b)fluoranthene
Concen: 2.462 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

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

Tgt Ion:252 Resp: 220413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 17.4 | 26.2 |
| 125 | 15.5 | 8.2 | 12.2# |

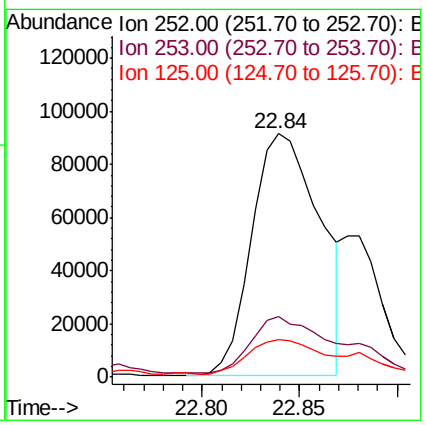


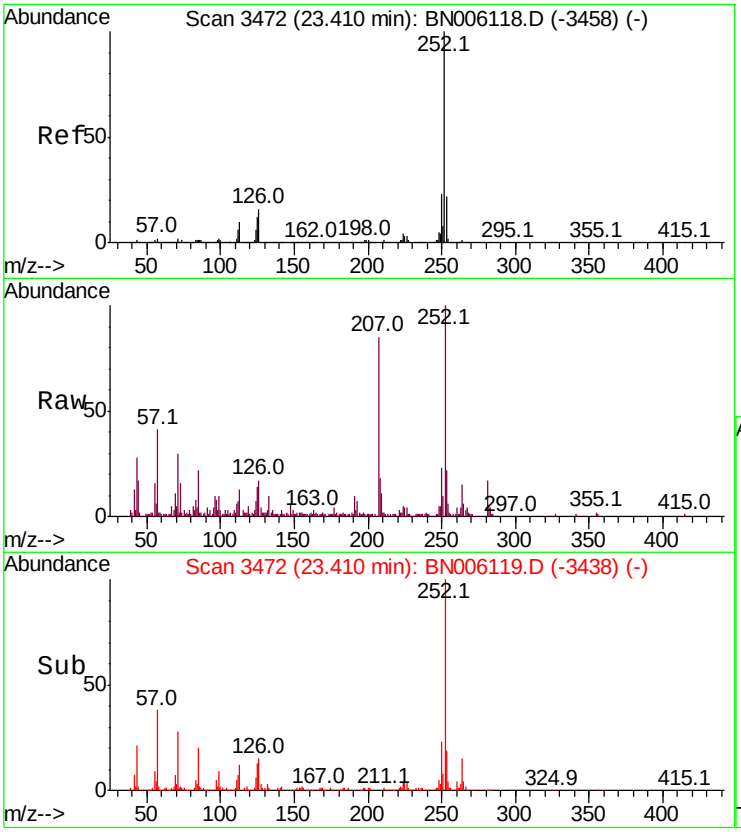




#88
Benzo(k)fluoranthene
Concen: 2.515 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. -0.04 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

Tgt Ion:252 Resp: 220413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 17.8 | 26.6 |
| 125 | 15.5 | 8.0 | 12.0# |






#90
Benzo(a)pyrene
Concen: 1.709 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. 0.00 min
Lab File: BN006119.D
Acq: 06 Jun 2019 03:14

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

Tgt Ion:252 Resp: 147895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.7 | 26.5 |
| 125 | 14.4 | 9.7 | 14.5 |