Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

Quantitation Report (Not Reviewed)

Data File : BN005995.D
Acq On : 01 Jun 2019 00:04
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** A4278

Quant Time: Jun 01 01:55:15 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 | 7.74 | 152 | 446366 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.54 | 136 | 1864384 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.40 | 164 | 936311 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.16 | 188 | 1656365 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.36 | 240 | 1128992 | 20.00 | ng/ul | -0.01 |
| 85) Perylene-d12 | 23.66 | 264 | 1336854 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.26 | 96 | 64167 | 6.33 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.92 | 99 | 1278893 | 32.32 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.08 | 67 | 789644 | 34.98 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.28 | 132 | 1074308 | 35.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.45 | 113 | 1003318 | 31.42 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.90 | 128 | 550490 | 46.00 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.62 | 143 | 574777 | 51.57 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 996613 | 37.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.67 | 131 | 908929 | 26.35 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.81 | 166 | 2821683 | 40.88 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.09 | 160 | 3337789 | 38.66 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.61 | 143 | 318308 | 25.34 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.40 | 176 | 2191231 | 37.85 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 77207 | 11.44 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.25 | 188 | 2641187 | 37.47 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.56 | 212 | 2372265 | 41.60 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.51 | 264 | 2213746 | 37.11 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.94 | 94 | 41886 | 1.028 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.85 | 163 | 886015 | 12.843 | ng/ul | 100 |
| 69) Phenanthrene | 17.19 | 178 | 353333 | 4.305 | ng/ul | 100 |
| 76) Fluoranthene | 19.22 | 202 | 690050 | 7.876 | ng/ul | 98 |
| 79) Pyrene | 19.59 | 202 | 571806 | 7.995 | ng/ul | 96 |
| 82) Benzo(a)anthracene | 21.35 | 228 | 286349 | 4.035 | ng/ul | 93 |
| 84) Chrysene | 21.35 | 228 | 286349 | 4.326 | ng/ul | 96 |
| 87) Benzo(b)fluoranthene | 22.97 | 252 | 425999 | 5.673 | ng/ul# | 90 |
| 88) Benzo(k)fluoranthene | 23.01 | 252 | 131388 | 1.903 | ng/ul# | 80 |
| 90) Benzo(a)pyrene | 23.56 | 252 | 272049 | 3.842 | ng/ul# | 88 |
| 91) Indeno(1,2,3-cd)pyrene | 25.96 | 276 | 204744 | 2.464 | ng/ul | 94 |
| 93) Benzo(g,h,i)perylene | 26.68 | 276 | 134459 | 1.921 | ng/ul# | 86 |

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

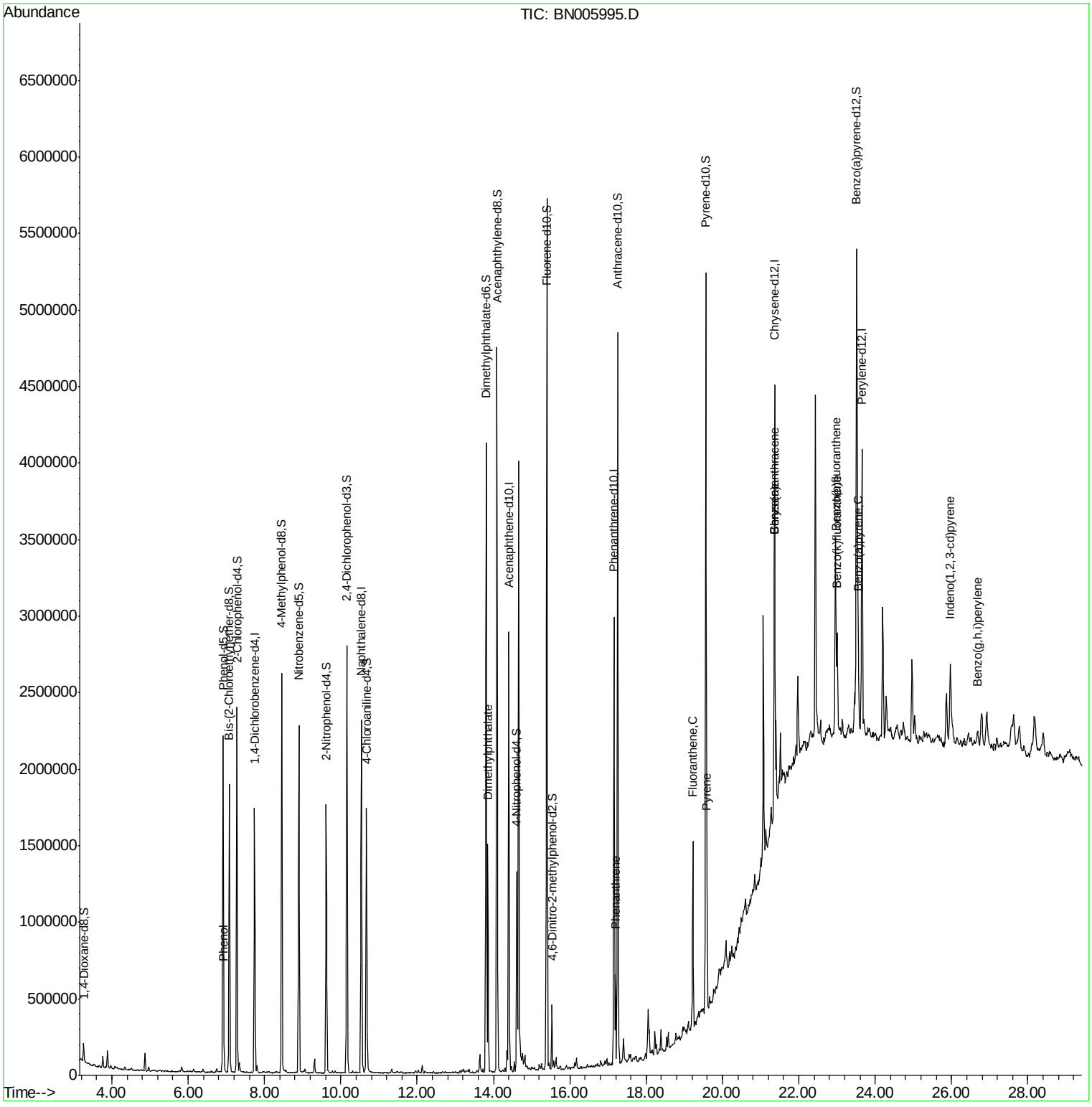
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

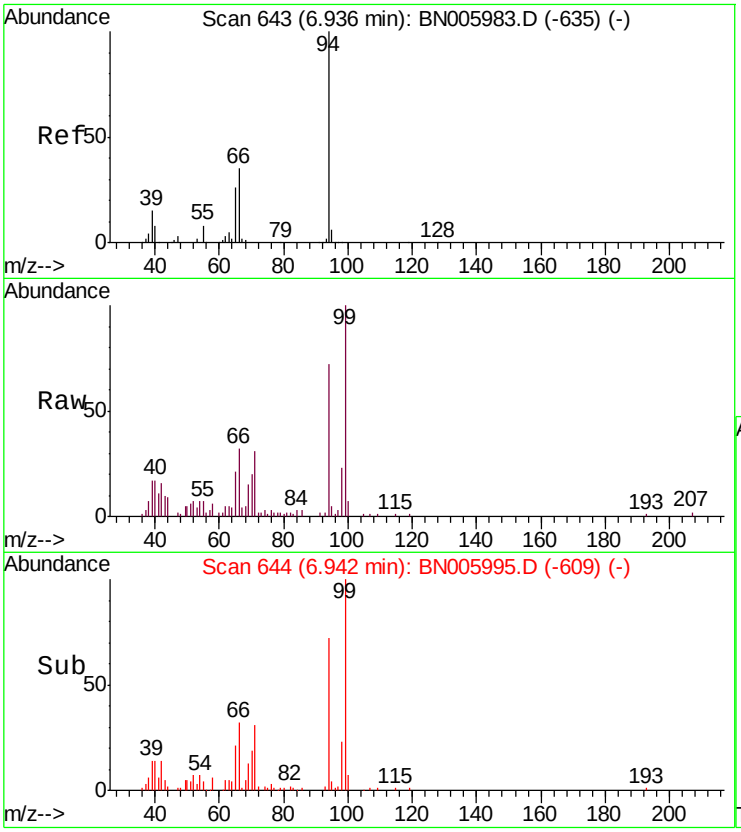
Quantitation Report (Not Reviewed)

Data File : BN005995.D
Acq On : 01 Jun 2019 00:04
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** A4278

Quant Time: Jun 01 01:55:15 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



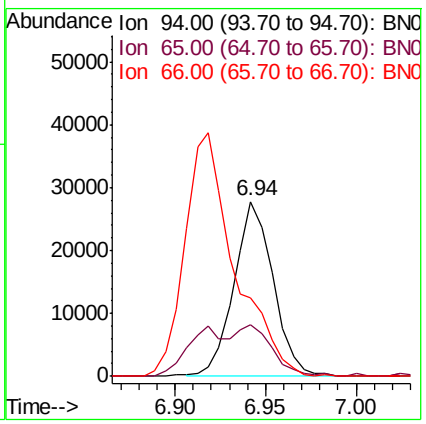


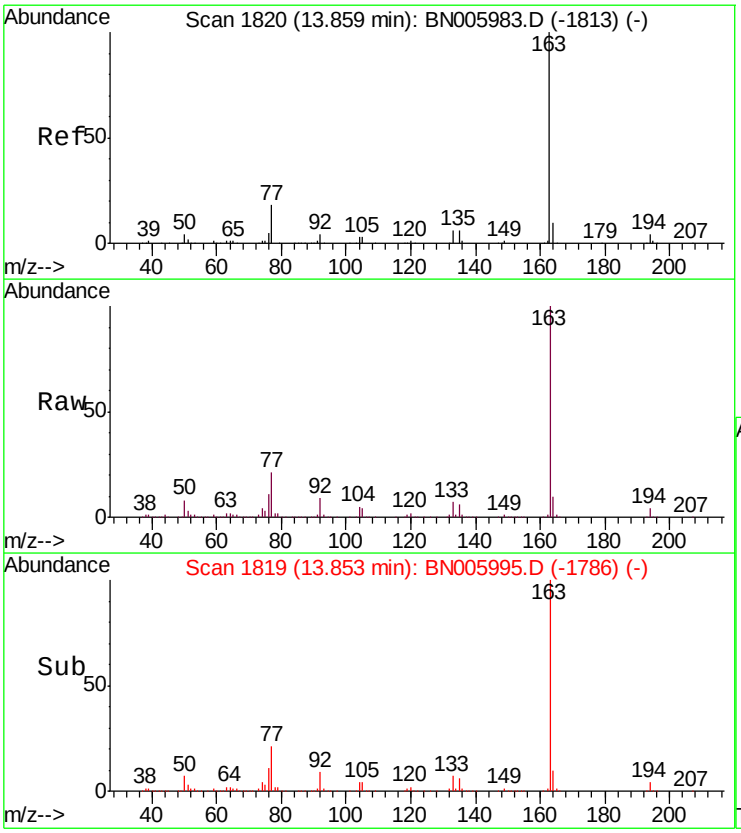

#6
Phenol
Concen: 1.028 ng/ul
RT: 6.94 min Scan# 644
Delta R.T. 0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

**Instrument :**
BNA_N
**ClientSampleId :**
A4278

Tgt Ion: 94 Resp: 41886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.8 | 24.2 | 36.4 |
| 66 | 45.2 | 33.8 | 50.6 |

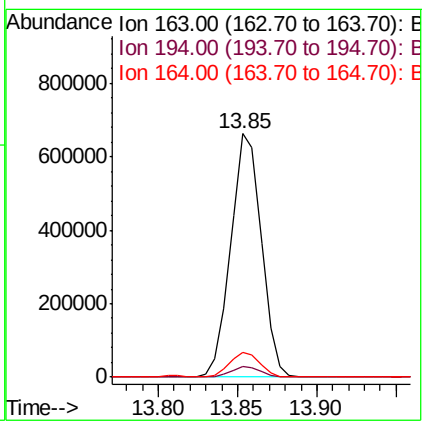


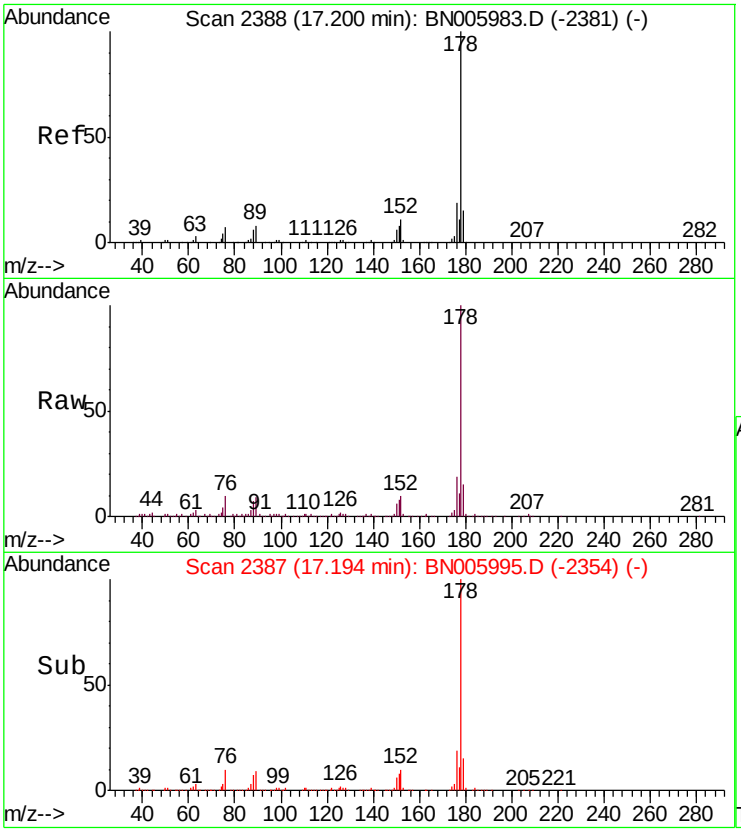




#44
Dimethylphthalate
Concen: 12.843 ng/ul
RT: 13.85 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion:163 Resp: 886015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.0 |
| 164 | 10.2 | 8.1 | 12.1 |



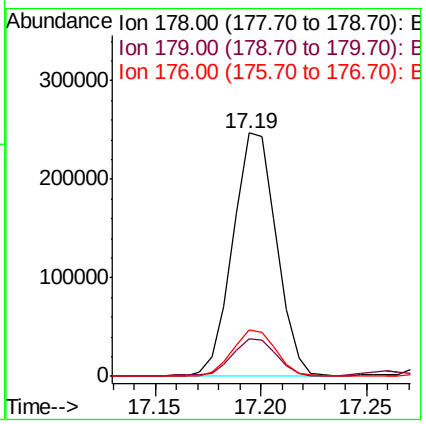


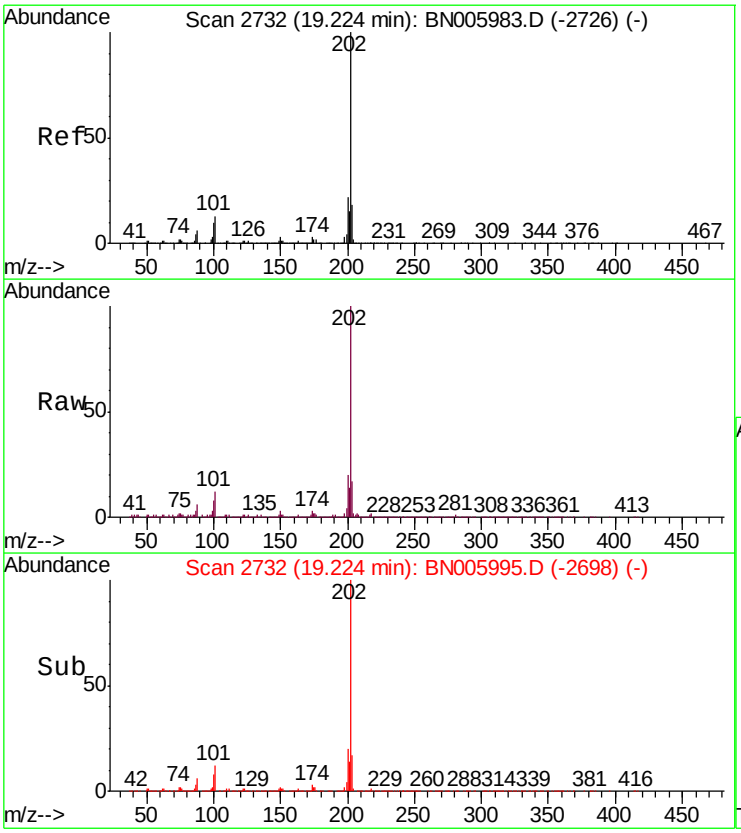

#69
Phenanthrene
Concen: 4.305 ng/ul
RT: 17.19 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

**Instrument :**
BNA_N
**ClientSampleId :**
A4278

Tgt Ion:178 Resp: 353333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.4 | 12.2 | 18.4 |
| 176 | 19.0 | 15.1 | 22.7 |

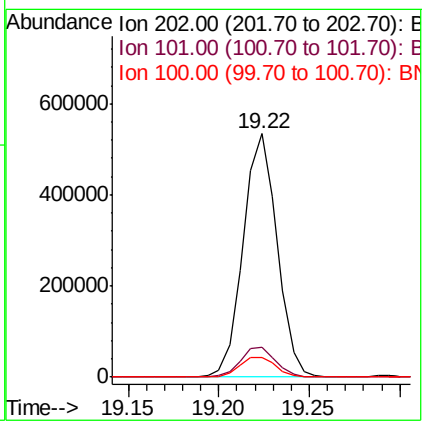


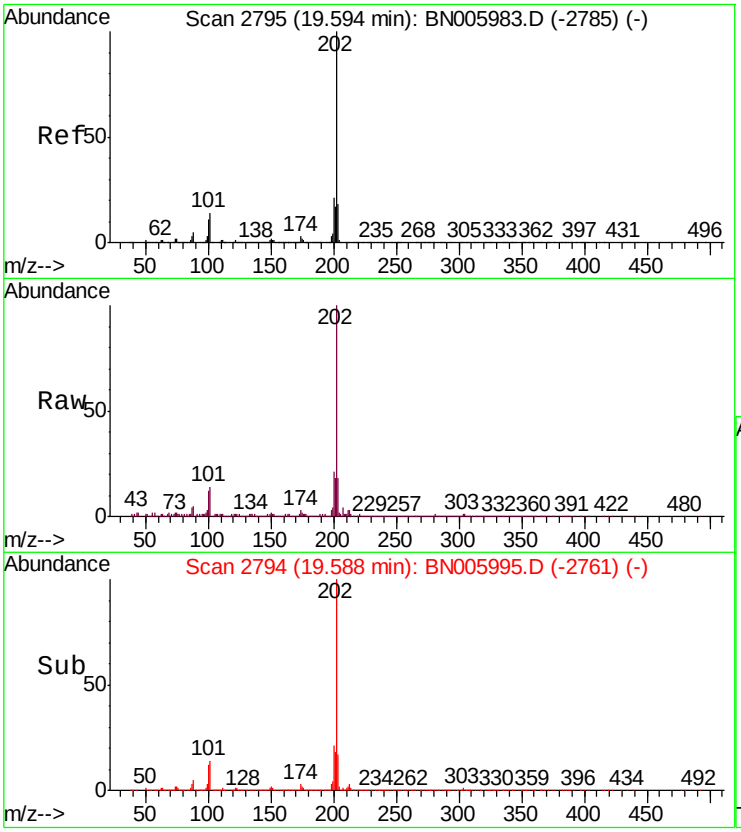




#76
Fluoranthene
Concen: 7.876 ng/ul
RT: 19.22 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion:202 Resp: 690050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.0 | 8.6 | 12.8 |
| 100 | 8.3 | 6.3 | 9.5 |



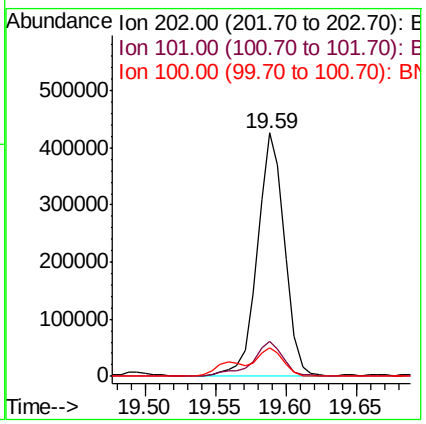


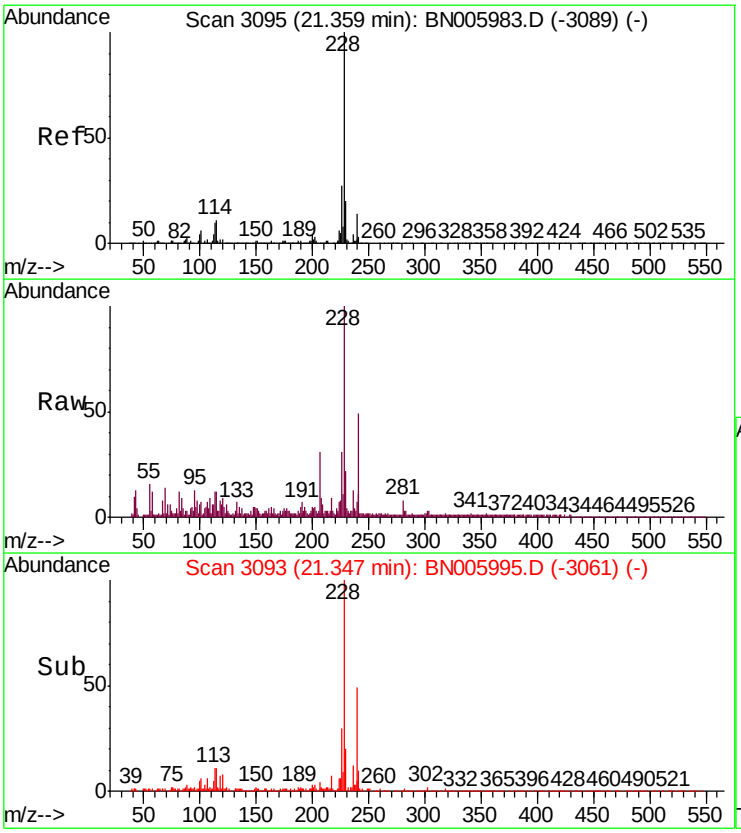

#79
Pyrene
Concen: 7.995 ng/ul
RT: 19.59 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

**Instrument :**
BNA_N
**ClientSampleId :**
A4278

Tgt Ion:202 Resp: 571806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.5 | 10.3 | 15.5 |
| 100 | 11.6 | 7.9 | 11.9 |

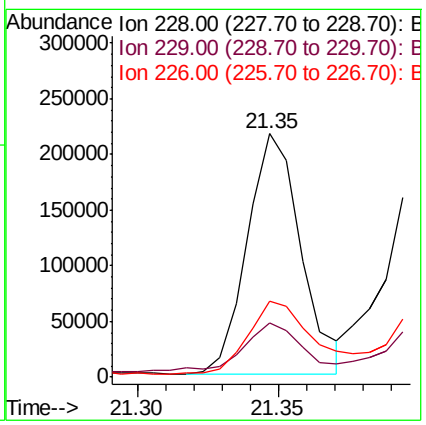


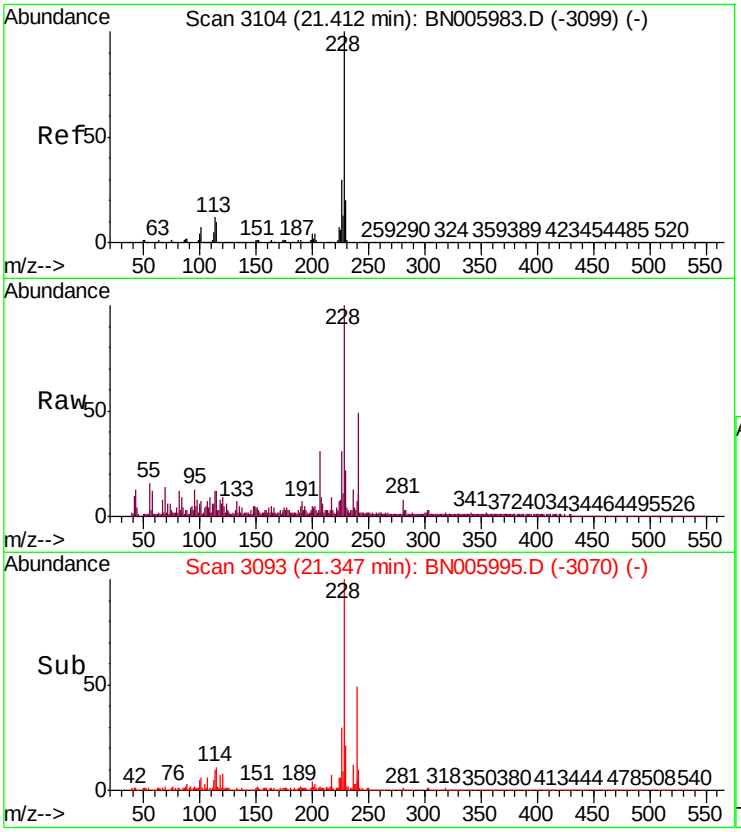




#82
Benzo(a)anthracene
Concen: 4.035 ng/ul
RT: 21.35 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion:228 Resp: 286349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 22.4 | 15.8 | 23.6 |
| 226 | 31.0 | 21.4 | 32.2 |



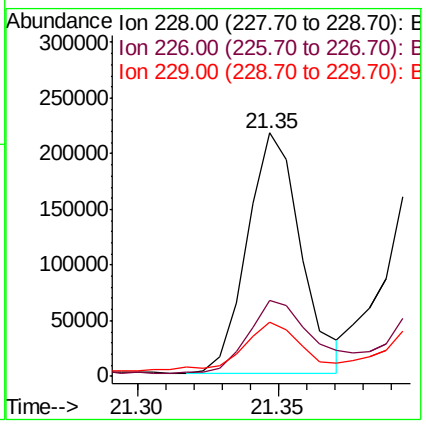


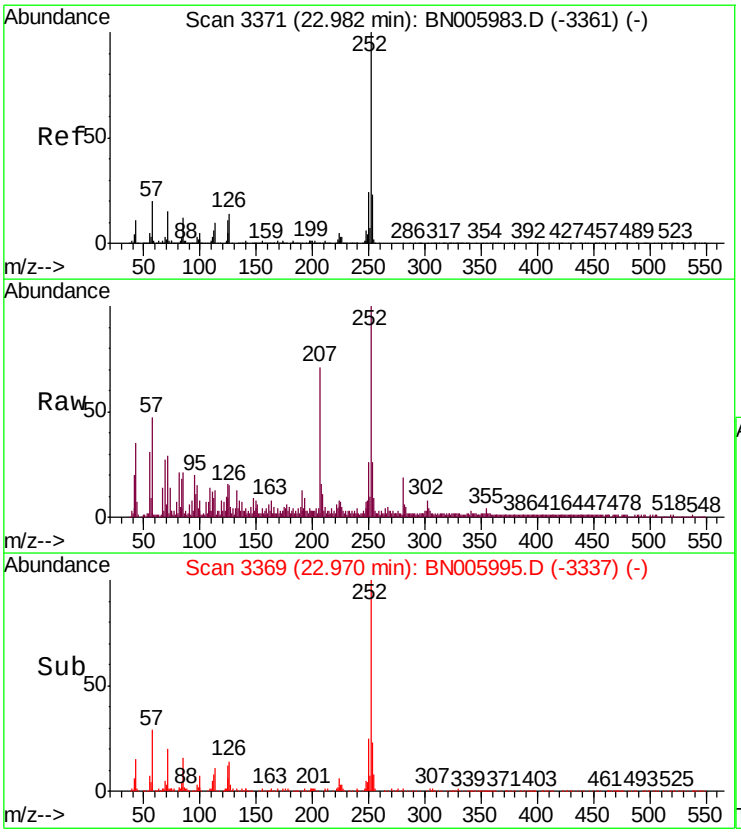

#84
Chrysene
Concen: 4.326 ng/ul
RT: 21.35 min Scan# 3093
Delta R.T. -0.06 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

**Instrument :**
BNA_N
**ClientSampleId :**
A4278

Tgt Ion:228 Resp: 286349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.0 | 36.0 |
| 229 | 22.4 | 15.4 | 23.0 |

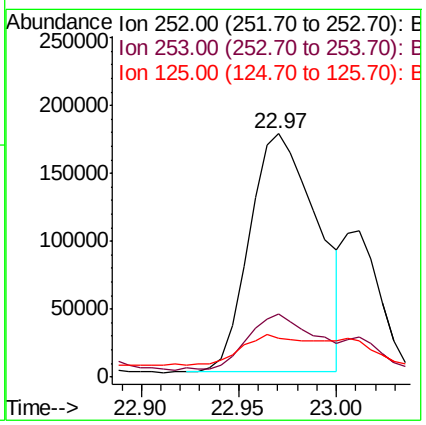


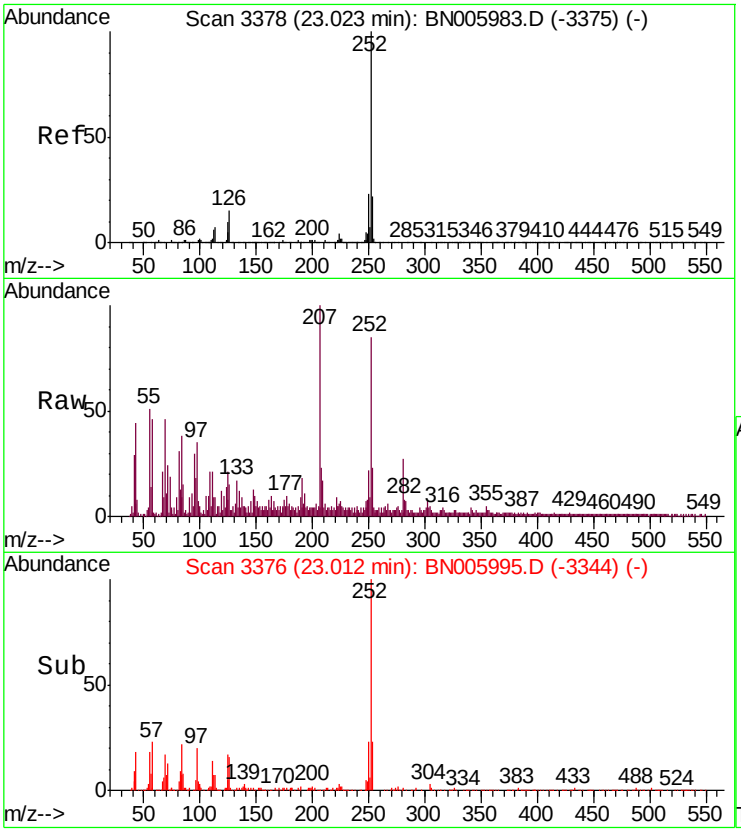




#87
Benzo(b)fluoranthene
Concen: 5.673 ng/ul
RT: 22.97 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion:252 Resp: 425999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.0 | 17.7 | 26.5 |
| 125 | 16.2 | 8.4 | 12.6# |



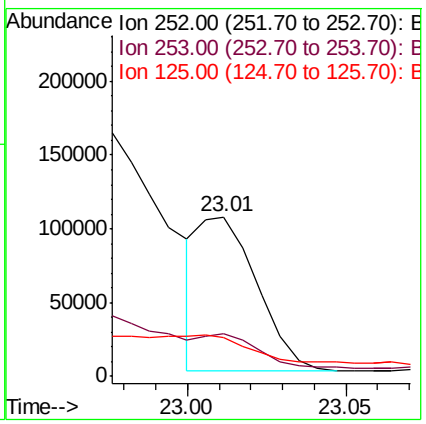


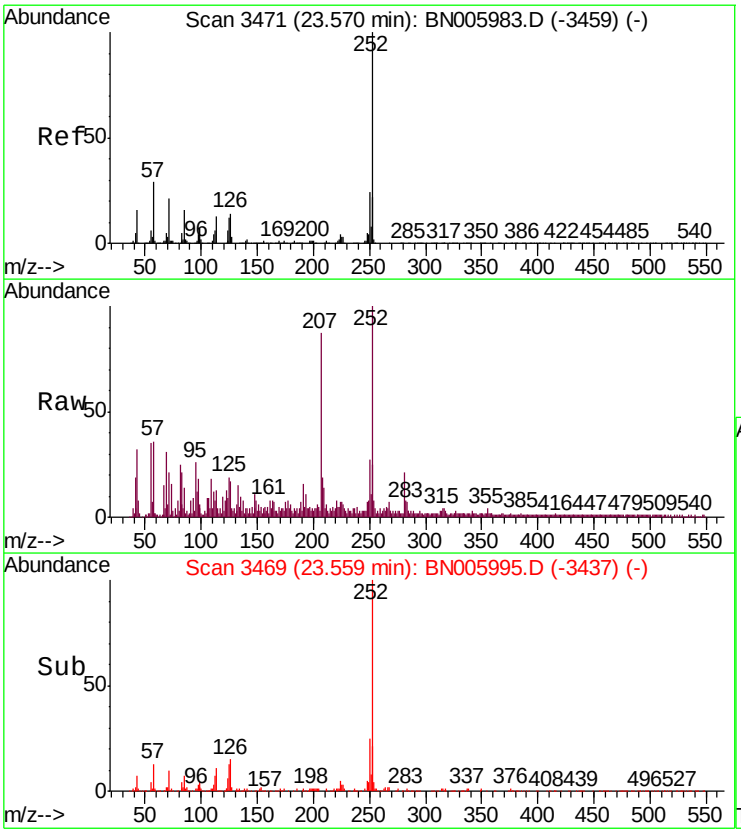

#88
Benzo(k)fluoranthene
Concen: 1.903 ng/ul
RT: 23.01 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

**Instrument :**
BNA_N
**ClientSampleId :**
A4278

Tgt Ion:252 Resp: 131388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.9 | 17.4 | 26.0# |
| 125 | 24.4 | 7.5 | 11.3# |

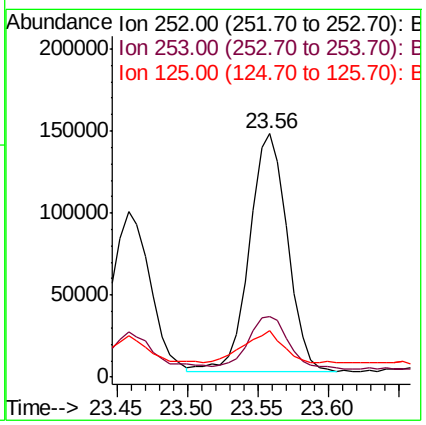


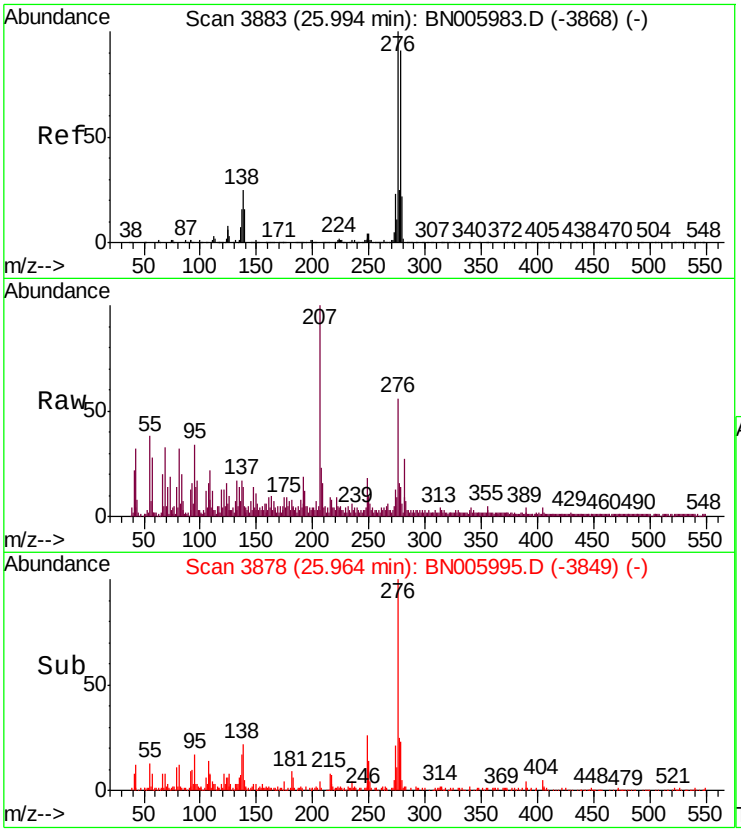




#90
Benzo(a)pyrene
Concen: 3.842 ng/ul
RT: 23.56 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion:252 Resp: 272049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 17.3 | 25.9 |
| 125 | 19.0 | 8.6 | 13.0# |



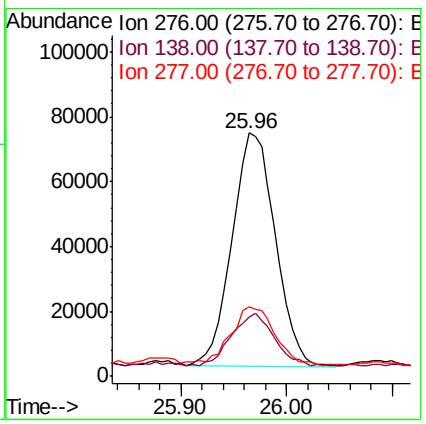


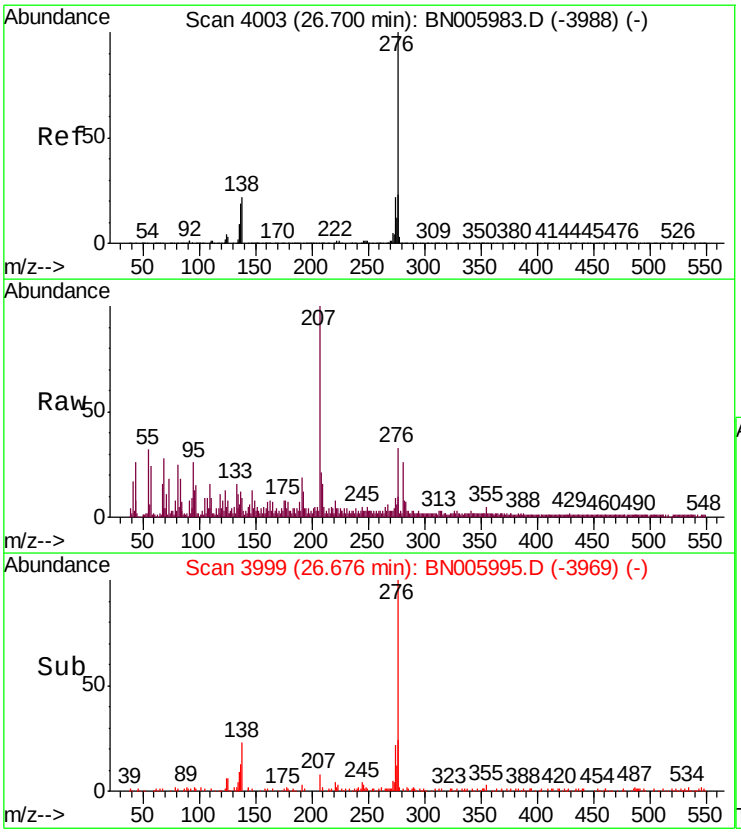

#91
Indeno(1,2,3-cd)pyrene
Concen: 2.464 ng/ul
RT: 25.96 min Scan# 3878
Delta R.T. -0.03 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

**Instrument :**
BNA_N
**ClientSampleId :**
A4278

Tgt Ion:276 Resp: 204744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.4 | 17.9 | 26.9 |
| 277 | 28.3 | 19.7 | 29.5 |




#93
Benzo(g,h,i)perylene
Concen: 1.921 ng/ul
RT: 26.68 min Scan# 3999
Delta R.T. -0.02 min
Lab File: BN005995.D
Acq: 01 Jun 2019 00:04

Tgt Ion:276 Resp: 134459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.7 | 16.7 | 25.1# |
| 277 | 29.6 | 18.2 | 27.2# |