Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014559.D
Acq On : 14 Mar 2018 00:53
Operator : SJ/JU
Sample : J1813-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F6F20

Quant Time: Mar 14 02:10:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.48 | 152 | 89659 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.25 | 136 | 394551 | 20.00 | ng/ul | 0.01 |
| 35) Acenaphthene-d10 | 14.15 | 164 | 230625 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.91 | 188 | 504616 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.13 | 240 | 391142 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.31 | 264 | 346358 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.05 | 96 | 6717 | 3.21 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.70 | 99 | 220625 | 29.12 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.83 | 67 | 135559 | 29.55 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.03 | 132 | 183983 | 31.66 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.22 | 113 | 190260 | 28.69 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.65 | 128 | 100947 | 34.62 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.36 | 143 | 107500 | 35.62 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.91 | 165 | 207502 | 33.20 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.42 | 131 | 129613 | 21.05 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.57 | 166 | 690425 | 36.25 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.83 | 160 | 830027 | 35.34 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.46 | 143 | 65536 | 24.92 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.15 | 176 | 568616 | 33.32 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 24713 | 8.16 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.02 | 188 | 861174 | 35.37 | ng/ul | 0.01 |
| 76) Pyrene-d10 | 19.33 | 212 | 848519 | 42.06 | ng/ul | 0.01 |
| 87) Benzo(a)pyrene-d12 | 23.31 | 264 | 346057 | 20.53 | ng/ul | 0.15 |
| **Target Compounds** | | | | | | Qvalue |
| 21) Isophorone | 9.36 | 82 | 17549 | 1.190 | ng/ul# | 77 |
| 44) Dimethylphthalate | 13.62 | 163 | 85917 | 4.575 | ng/ul | 97 |
| 49) Acenaphthene | 14.21 | 153 | 22862 | 1.463 | ng/ul | 89 |
| 69) Phenanthrene | 16.96 | 178 | 243238 | 8.366 | ng/ul | 99 |
| 71) Anthracene | 16.96 | 178 | 243238 | 8.319 | ng/ul | 99 |
| 72) Carbazole | 17.34 | 167 | 38113 | 1.550 | ng/ul# | 94 |
| 74) Fluoranthene | 18.99 | 202 | 458883 | 13.211 | ng/ul | 98 |
| 77) Pyrene | 19.36 | 202 | 379481 | 14.599 | ng/ul# | 98 |
| 80) Benzo(a)anthracene | 21.12 | 228 | 205175 | 8.405 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.04 | 149 | 31523 | 2.048 | ng/ul | 94 |
| 82) Chrysene | 21.17 | 228 | 210090 | 9.226 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 22.67 | 252 | 289253 | 12.472 | ng/ul# | 93 |
| 86) Benzo(k)fluoranthene | 22.70 | 252 | 96219 | 4.364 | ng/ul# | 91 |
| 88) Benzo(a)pyrene | 23.22 | 252 | 185948 | 8.973 | ng/ul# | 93 |
| 89) Indeno(1,2,3-cd)pyrene | 25.47 | 276 | 144472 | 7.184 | ng/ul | 97 |
| 90) Dibenzo(a,h)anthracene | 25.48 | 278 | 25095 | 1.502 | ng/ul# | 74 |
| 91) Benzo(g,h,i)perylene | 26.14 | 276 | 121967 | 7.487 | ng/ul# | 83 |

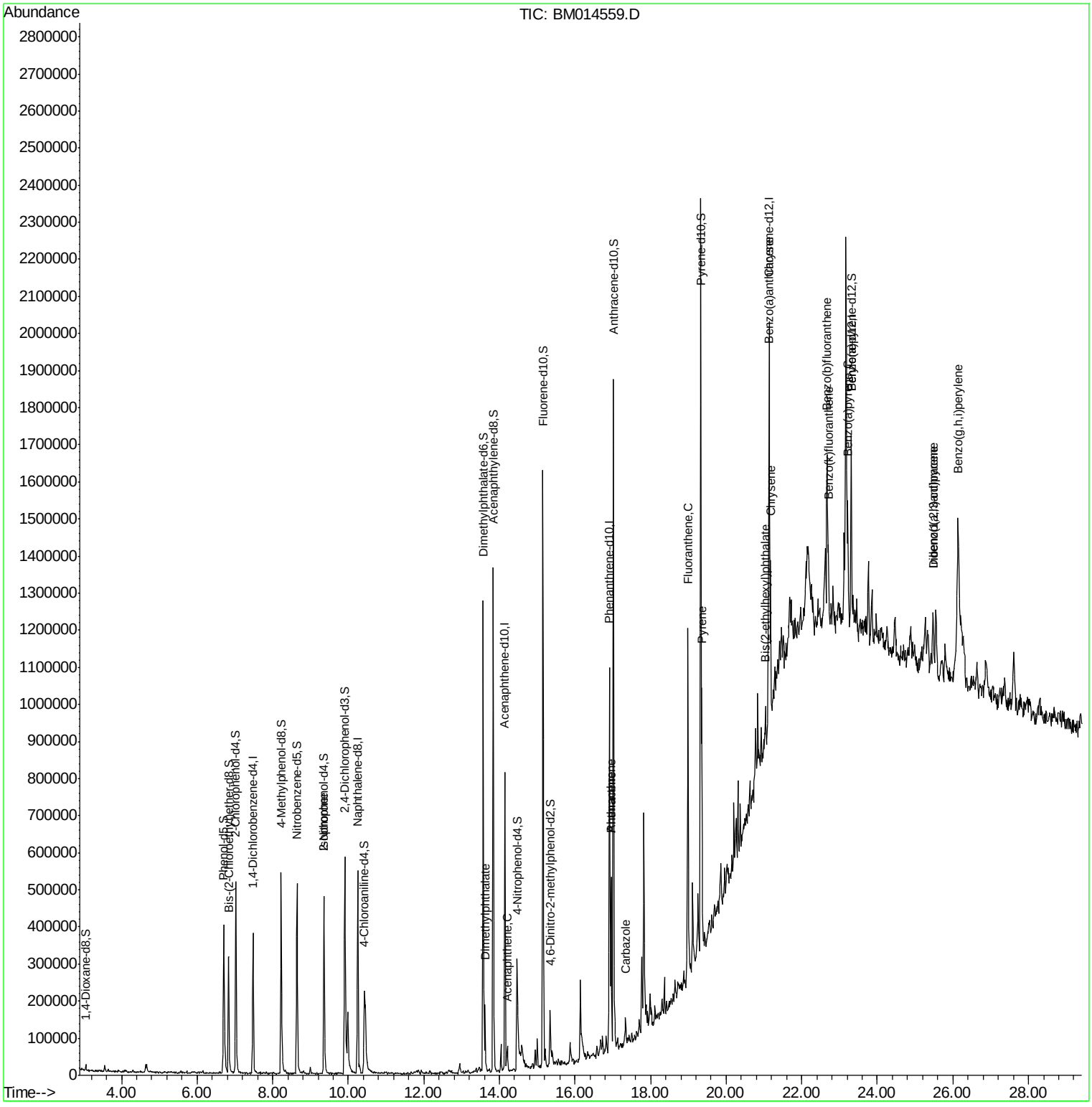
(#) = qualifier out of range (m) = manual integration (+) = signals summed

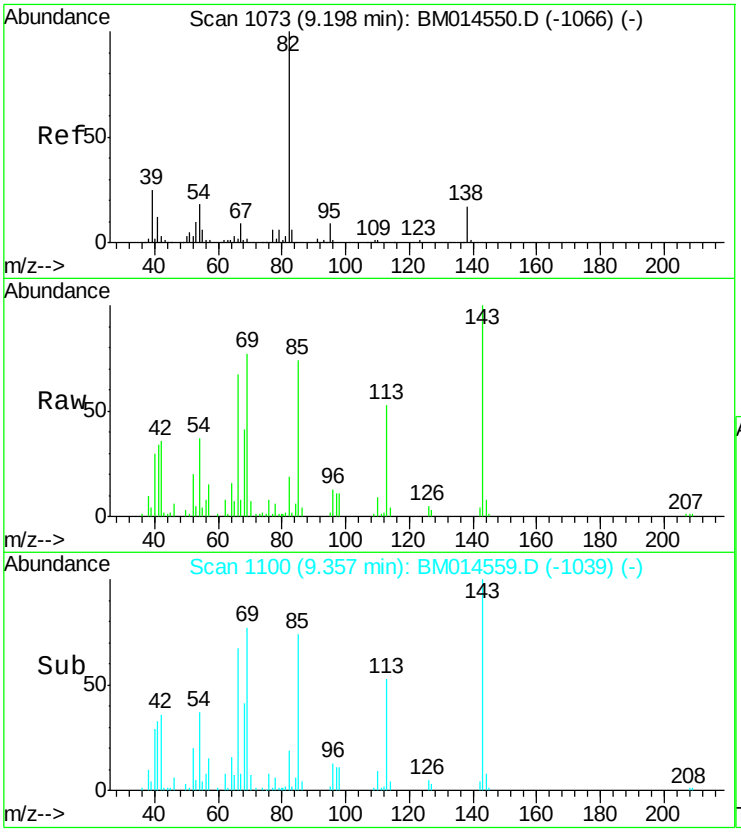
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014559.D
Acq On : 14 Mar 2018 00:53
Operator : SJ/JU
Sample : J1813-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F6F20

Quant Time: Mar 14 02:10:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
Response via : Initial Calibration



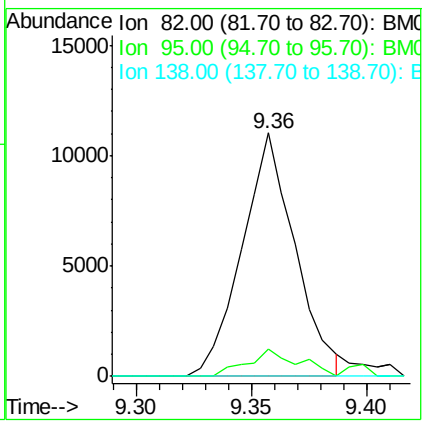


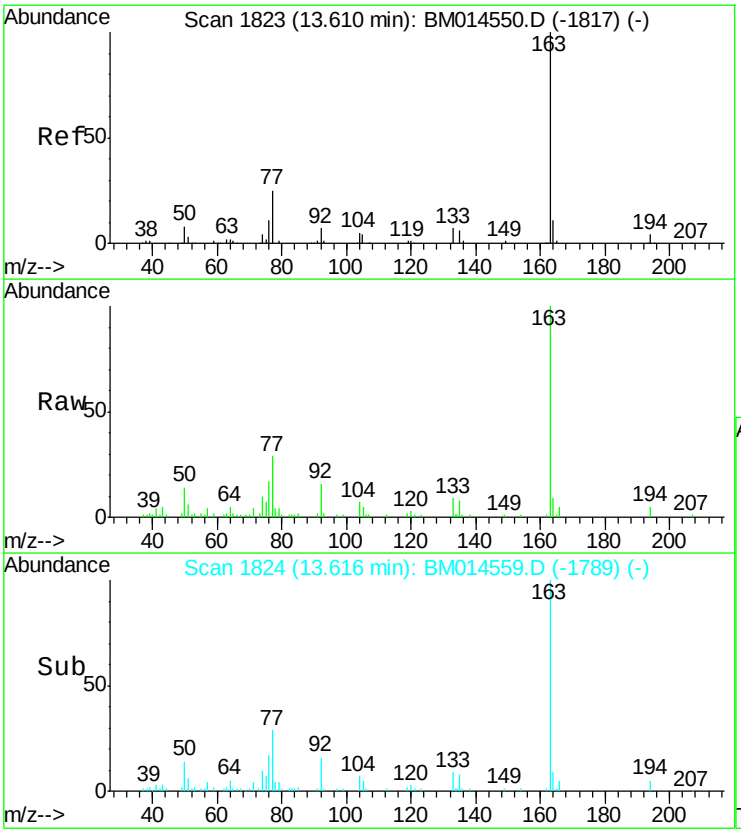

#21
Isophorone
Concen: 1.190 ng/ul
RT: 9.36 min Scan# 1100
Delta R.T. 0.16 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
F6F20

Tgt Ion: 82 Resp: 17549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 11.3 | 7.8 | 11.8 |
| 138 | 0.0 | 11.9 | 17.9# |

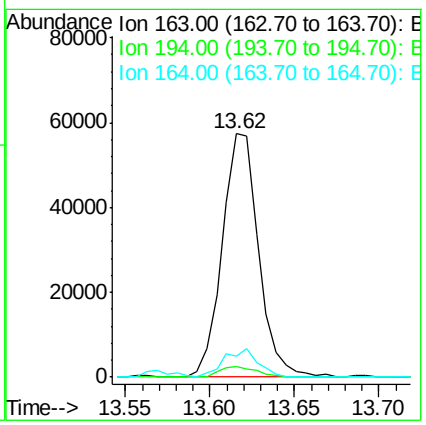


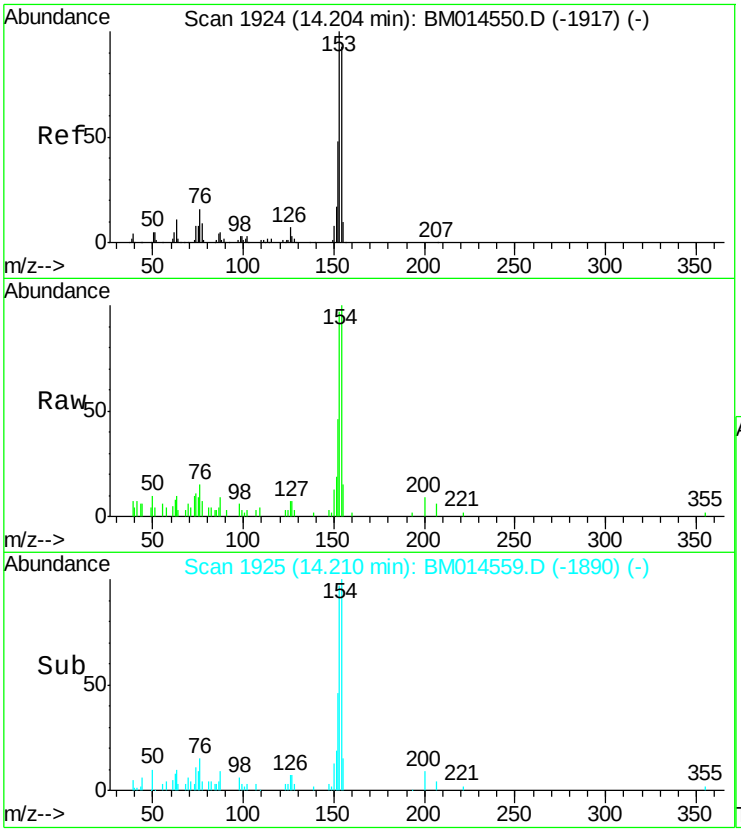




#44
Dimethylphthalate
Concen: 4.575 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion:163 Resp: 85917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.5 | 5.3 |
| 164 | 8.6 | 8.2 | 12.4 |



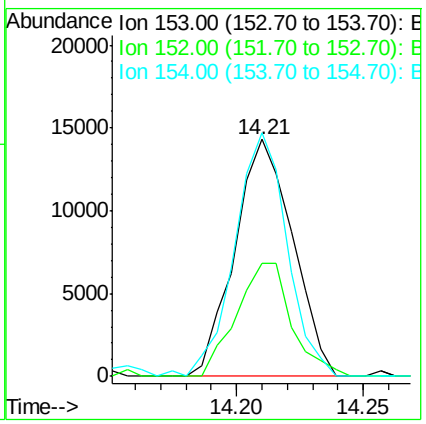


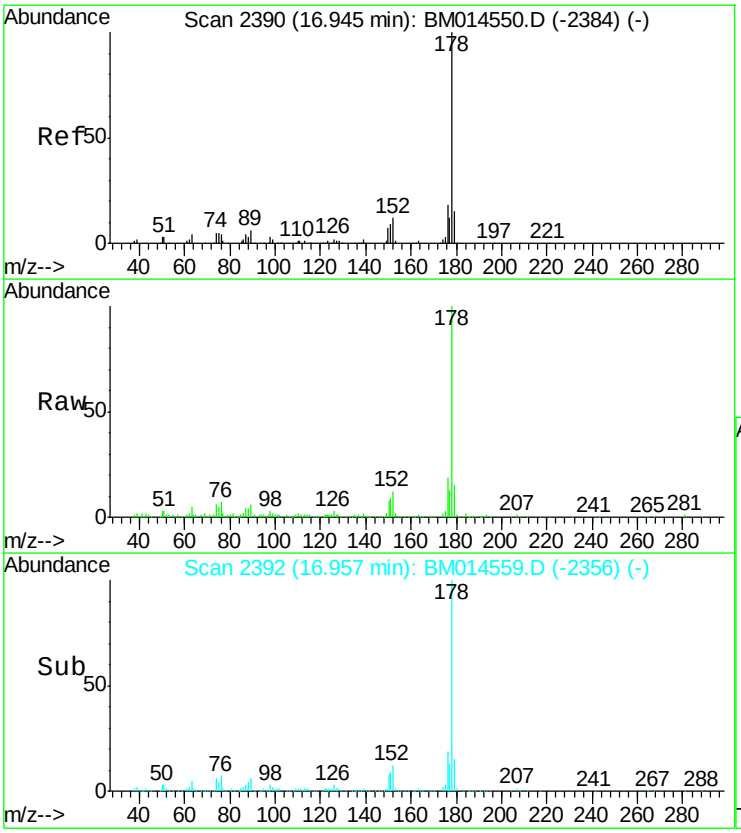

#49
Acenaphthene
Concen: 1.463 ng/ul
RT: 14.21 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
F6F20

Tgt Ion:153 Resp: 22862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 47.5 | 37.6 | 56.4 |
| 154 | 102.8 | 70.4 | 105.6 |

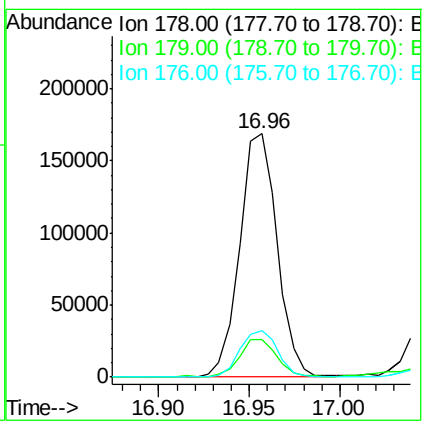


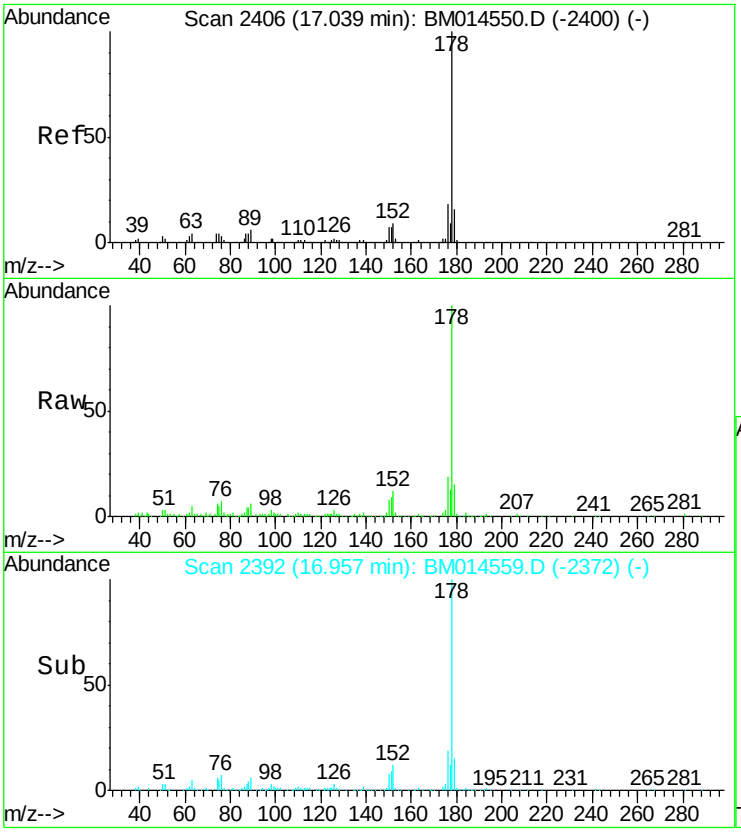




#69
Phenanthrene
Concen: 8.366 ng/ul
RT: 16.96 min Scan# 2392
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion:178 Resp: 243238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.2 | 12.6 | 19.0 |
| 176 | 18.8 | 14.9 | 22.3 |



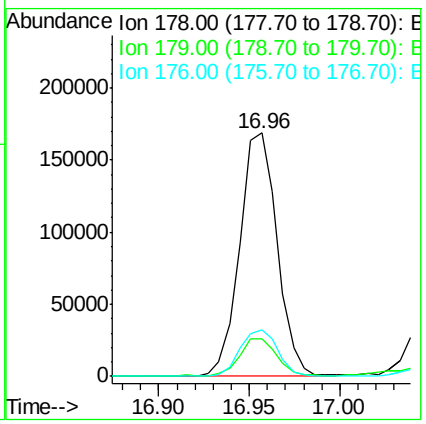


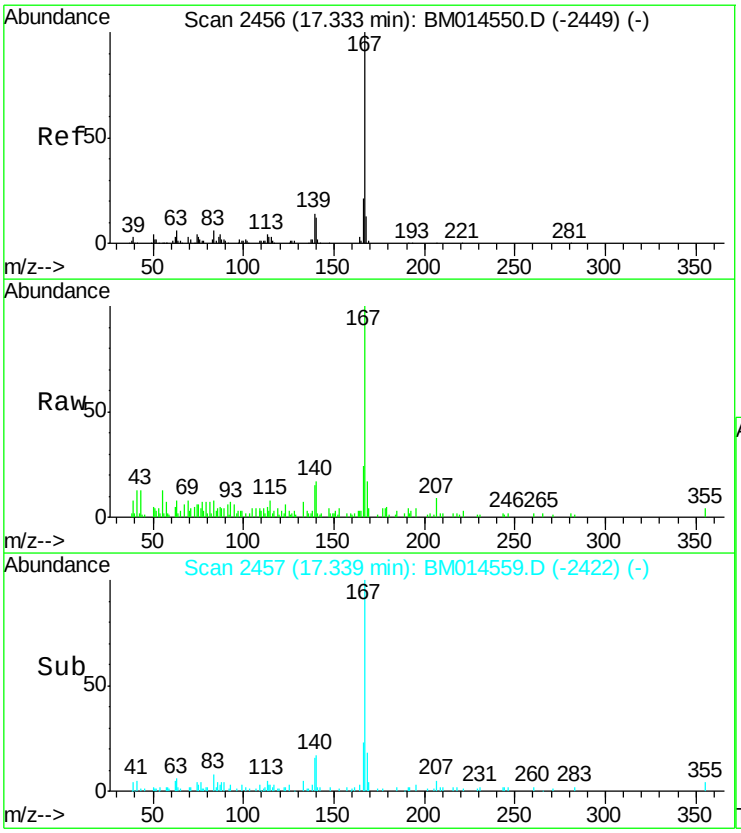

#71
Anthracene
Concen: 8.319 ng/ul
RT: 16.96 min Scan# 2392
Delta R.T. -0.08 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
F6F20

Tgt Ion:178 Resp: 243238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.2 | 11.7 | 17.5 |
| 176 | 18.8 | 14.6 | 21.8 |

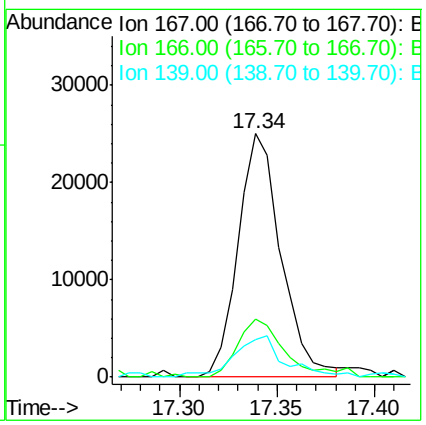


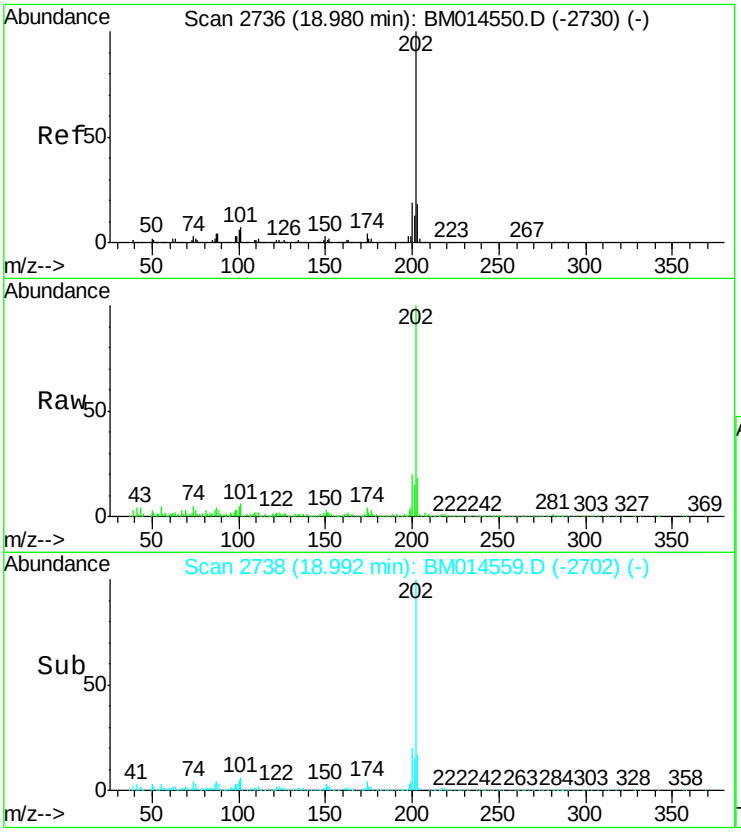




#72
Carbazole
Concen: 1.550 ng/ul
RT: 17.34 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion:167 Resp: 38113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.8 | 17.1 | 25.7 |
| 139 | 15.5 | 10.0 | 15.0# |



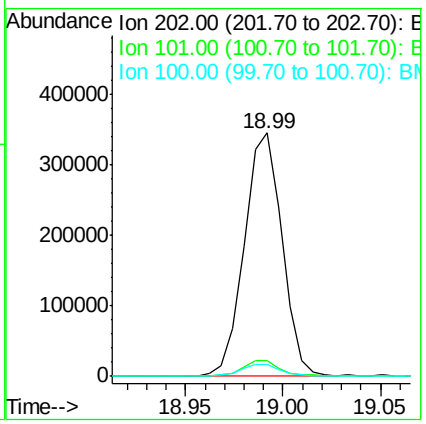


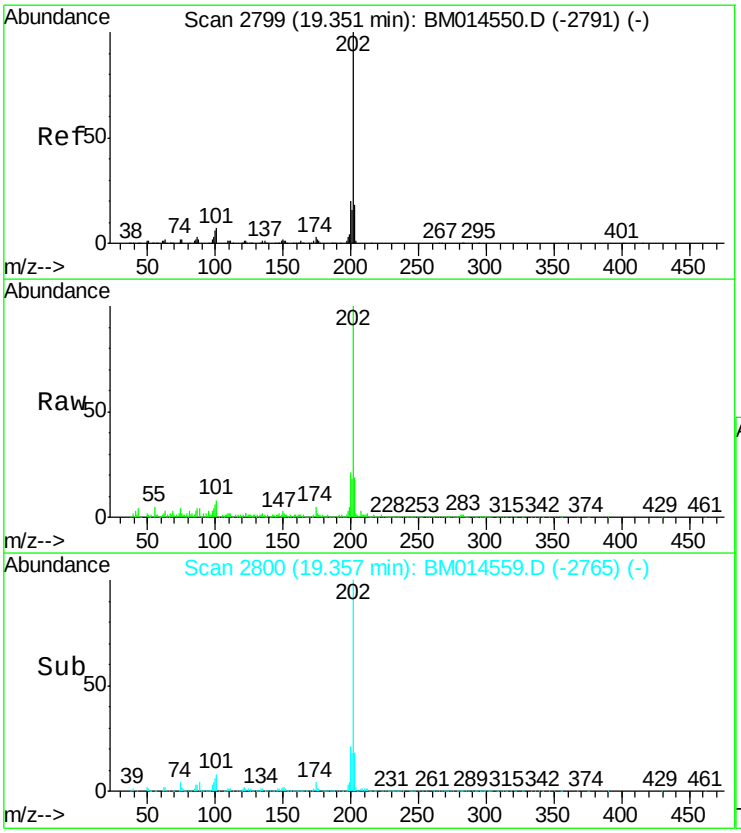

#74
Fluoranthene
Concen: 13.211 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
F6F20

Tgt Ion:202 Resp: 458883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.3 | 4.6 | 7.0 |
| 100 | 5.0 | 3.4 | 5.2 |

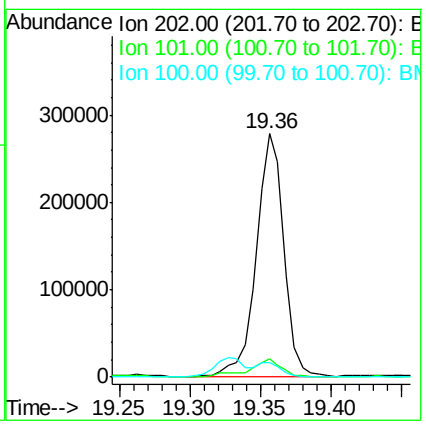


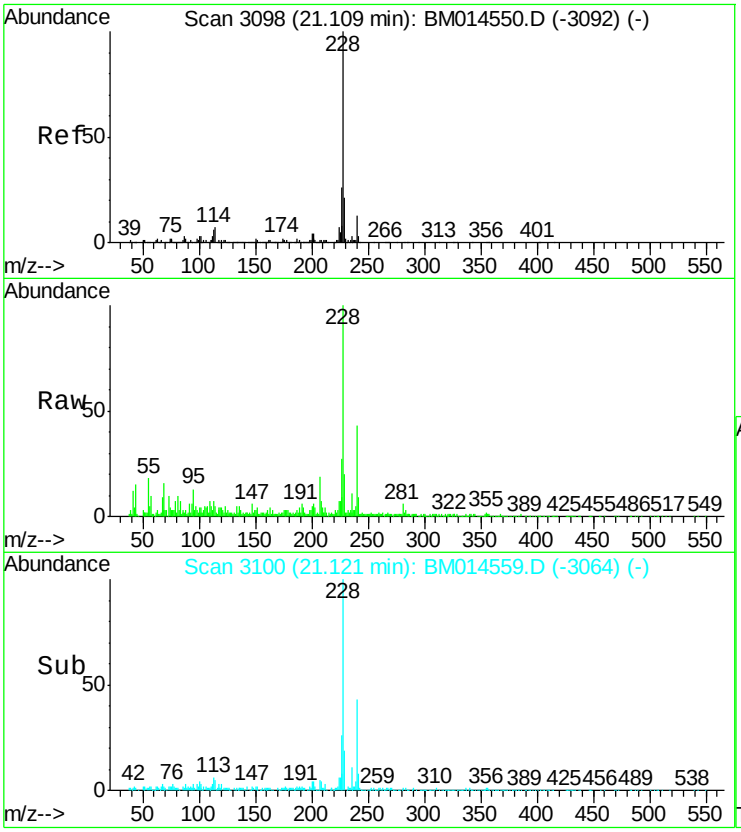




#77
Pyrene
Concen: 14.599 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion:202 Resp: 379481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.8 | 5.1 | 7.7# |
| 100 | 6.2 | 4.9 | 7.3 |



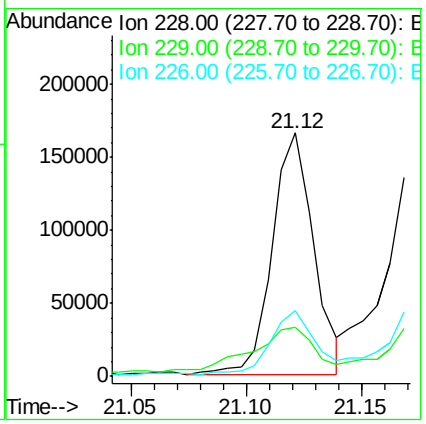


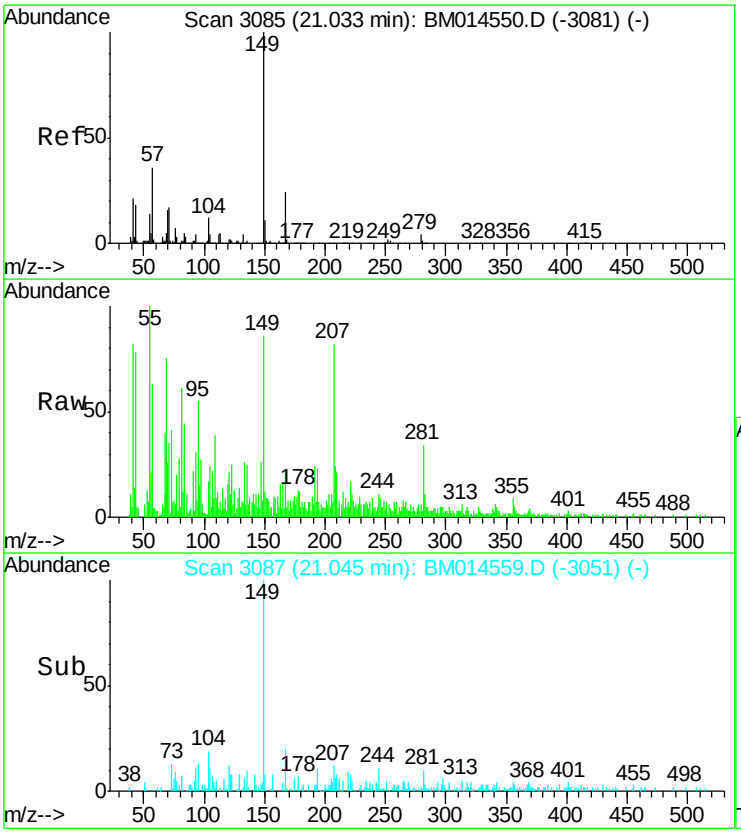

#80
Benzo(a)anthracene
Concen: 8.405 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
F6F20

Tgt Ion:228 Resp: 205175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.9 | 15.4 | 23.0 |
| 226 | 26.8 | 21.4 | 32.0 |

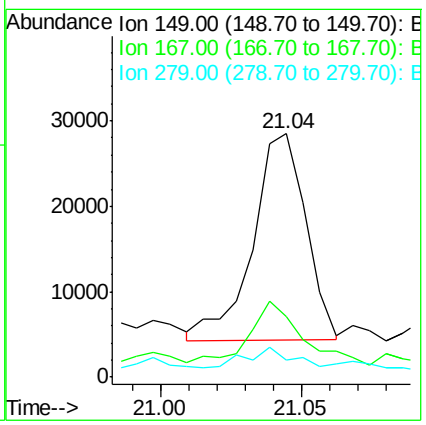


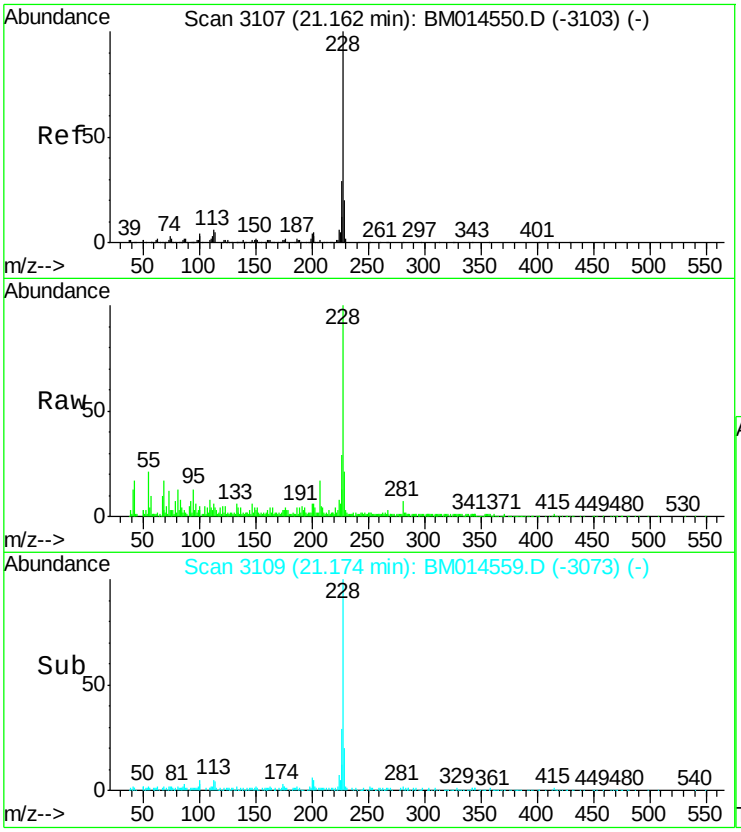




#81
Bis(2-ethylhexyl)phthalate
Concen: 2.048 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion:149 Resp: 31523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.0 | 22.8 | 34.2 |
| 279 | 7.1 | 4.9 | 7.3 |



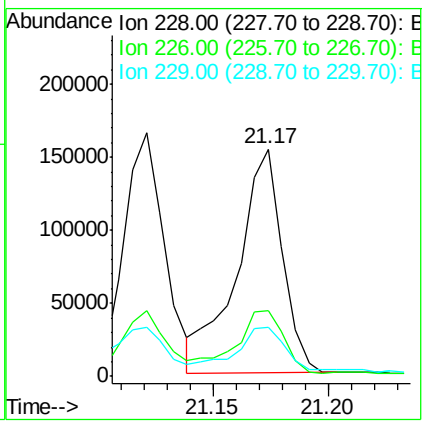


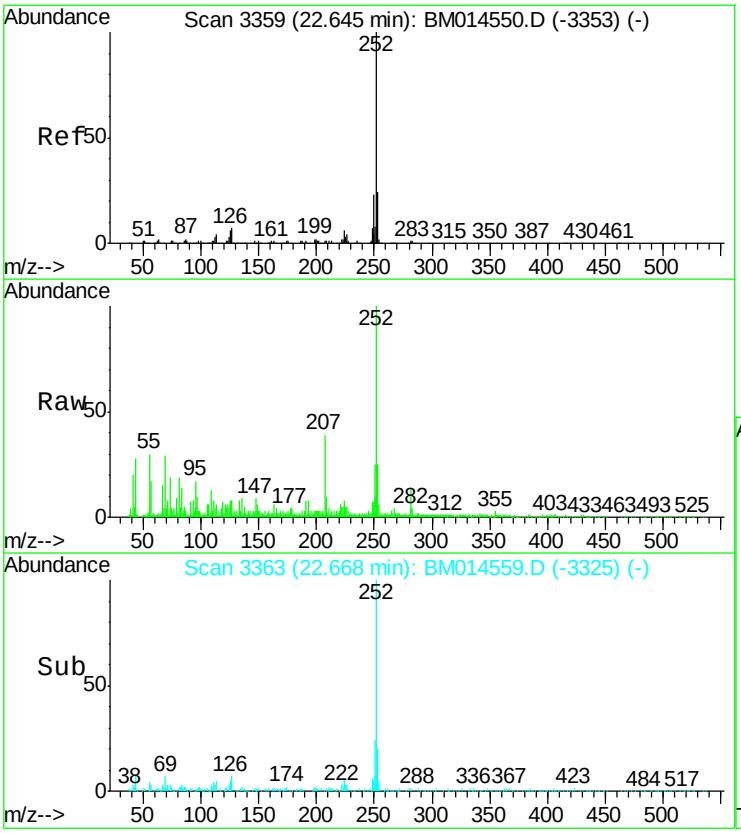

#82
Chrysene
Concen: 9.226 ng/ul
RT: 21.17 min Scan# 3109
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
F6F20

Tgt Ion:228 Resp: 210090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.0 | 23.4 | 35.2 |
| 229 | 21.4 | 15.5 | 23.3 |

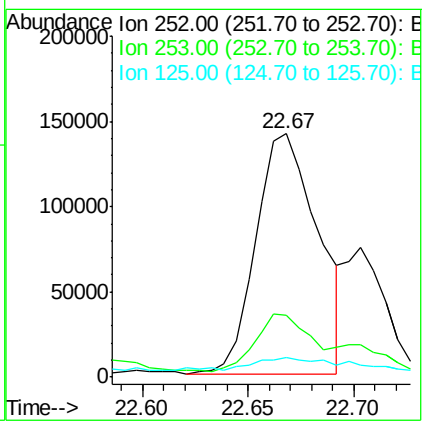


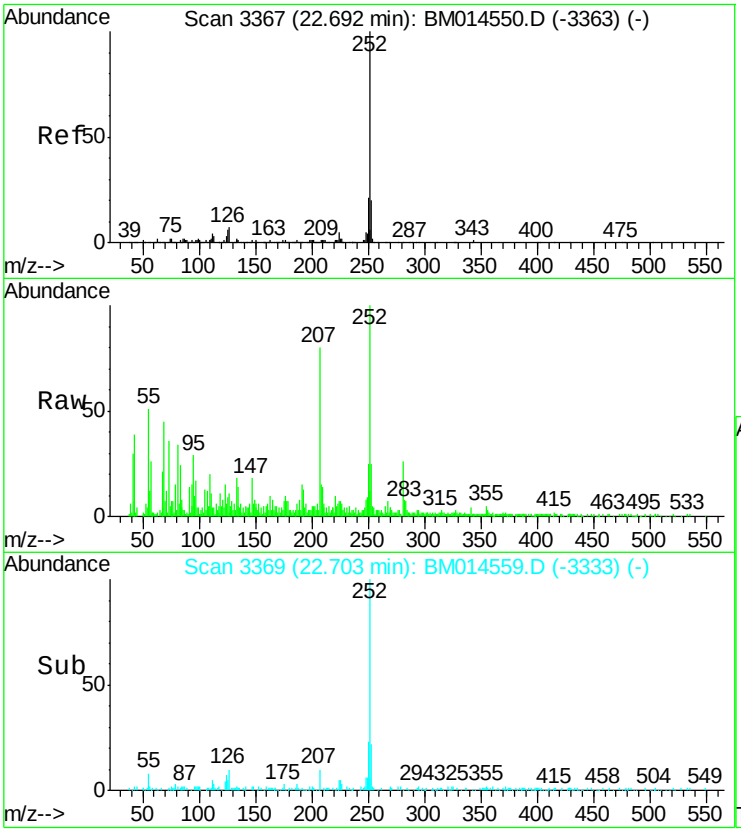




#85
Benzo(b)fluoranthene
Concen: 12.472 ng/ul
RT: 22.67 min Scan# 3363
Delta R.T. 0.02 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion:252 Resp: 289253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.5 | 17.9 | 26.9 |
| 125 | 8.3 | 3.6 | 5.4# |



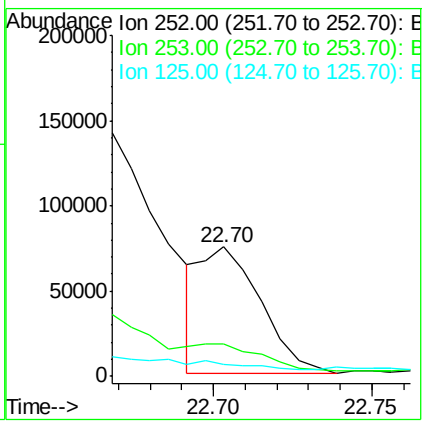


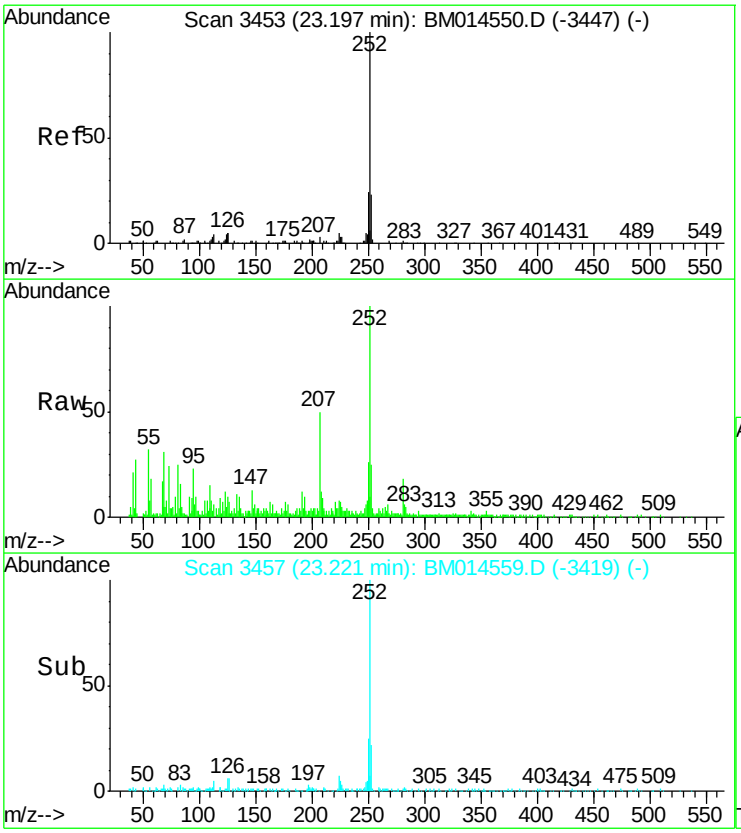

#86
Benzo(k)fluoranthene
Concen: 4.364 ng/ul
RT: 22.70 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
F6F20

Tgt Ion:252 Resp: 96219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.1 | 17.1 | 25.7 |
| 125 | 8.8 | 3.4 | 5.2# |

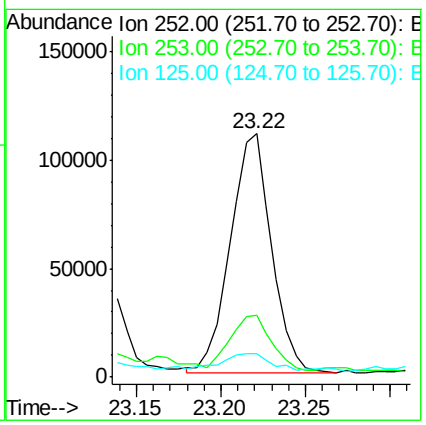


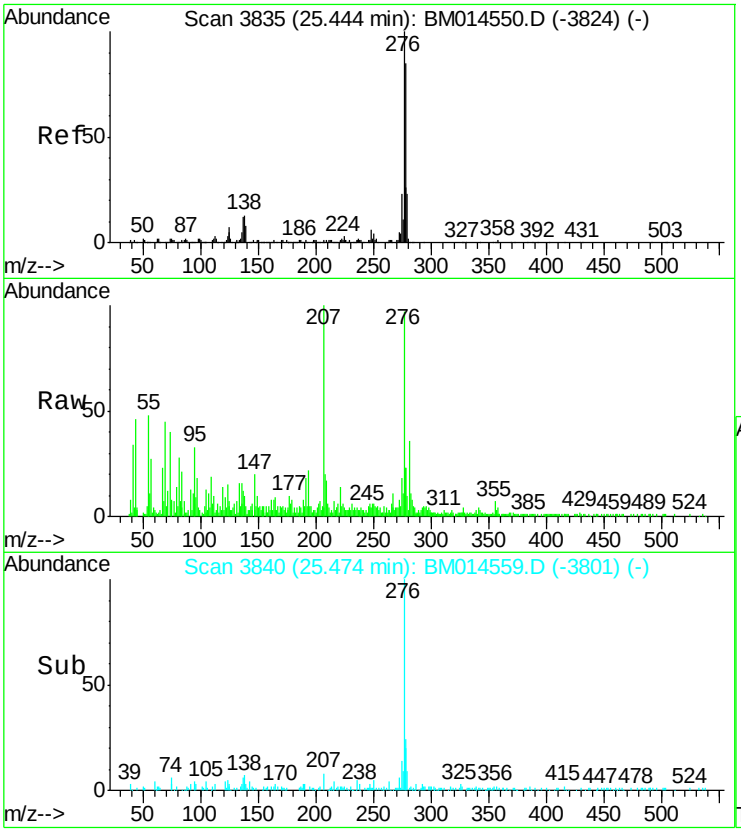




#88
Benzo(a)pyrene
Concen: 8.973 ng/ul
RT: 23.22 min Scan# 3457
Delta R.T. 0.02 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion:252 Resp: 185948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.4 | 18.2 | 27.2 |
| 125 | 9.9 | 4.0 | 6.0# |



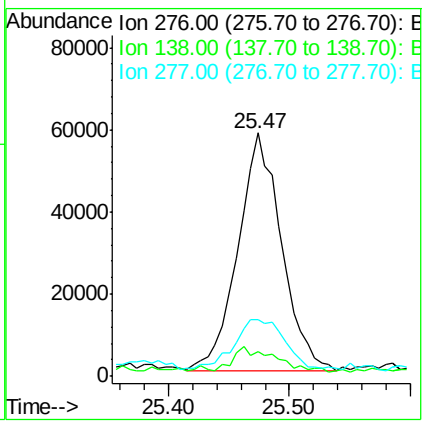


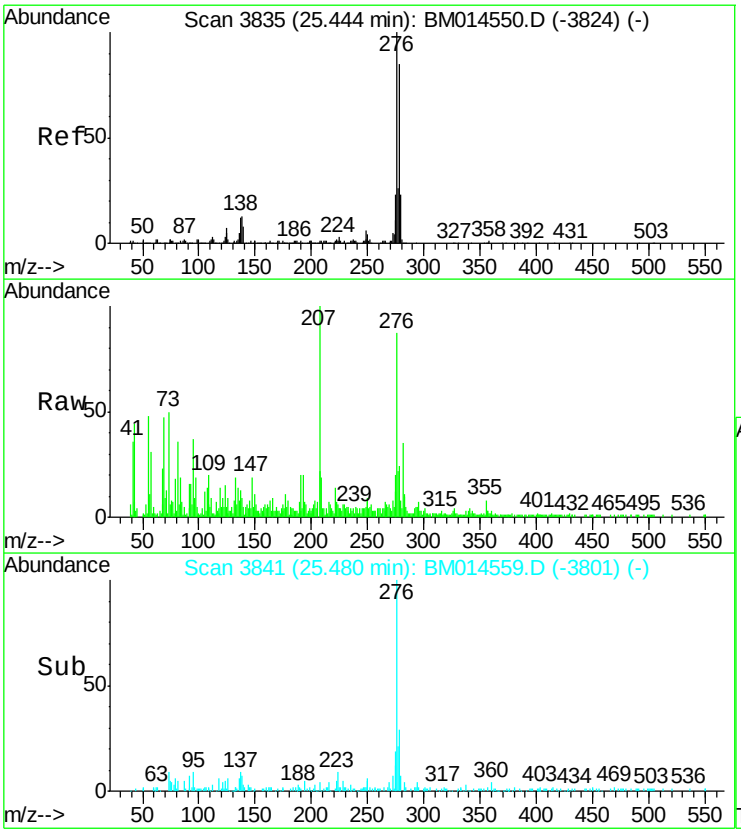

#89
Indeno(1,2,3-cd)pyrene
Concen: 7.184 ng/ul
RT: 25.47 min Scan# 3840
Delta R.T. 0.03 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
F6F20

Tgt Ion:276 Resp: 144472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 10.0 | 9.3 | 13.9 |
| 277 | 23.4 | 19.9 | 29.9 |

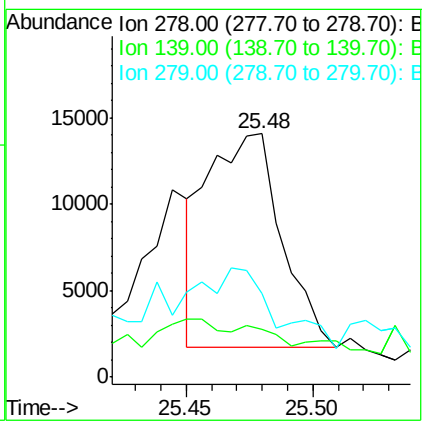


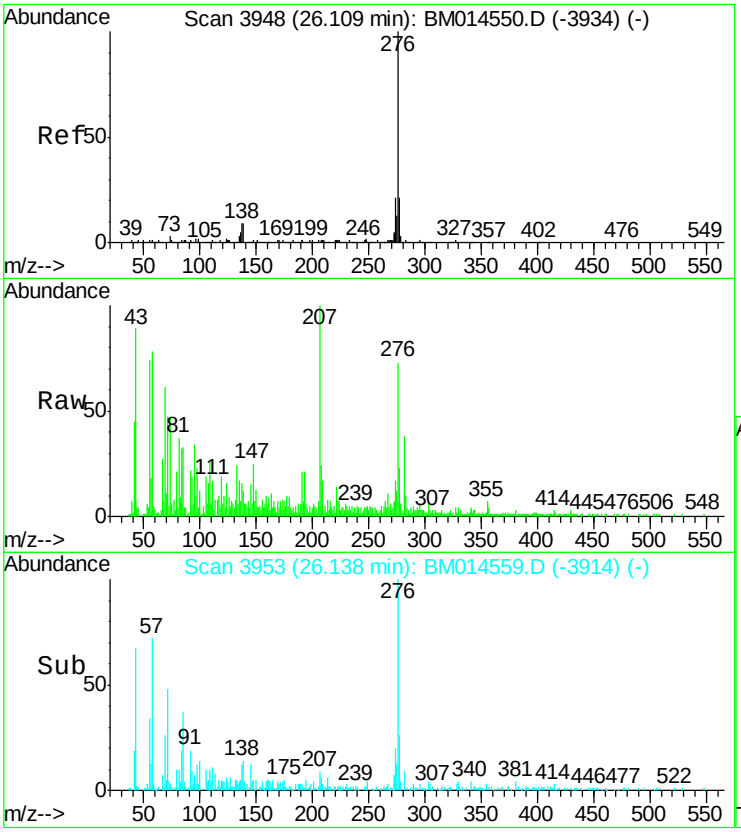




#90
Dibenzo(a,h)anthracene
Concen: 1.502 ng/ul
RT: 25.48 min Scan# 3841
Delta R.T. 0.04 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion:278 Resp: 25095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.7 | 5.8 | 8.8# |
| 279 | 34.3 | 18.6 | 27.8# |






#91
Benzo(g,h,i)perylene
Concen: 7.487 ng/ul
RT: 26.14 min Scan# 3953
Delta R.T. 0.03 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
F6F20

Tgt Ion:276 Resp: 121967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.9 | 8.5 | 12.7# |
| 277 | 32.2 | 18.6 | 28.0# |