Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\

Quantitation Report (Not Reviewed)

Data File : BM010631.D
Acq On : 21 Jun 2017 20:04
Operator : SJ/JU
Sample : I3627-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5A91

Quant Time: Jun 22 00:46:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 00:43:46 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.46 | 152 | 65761 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.23 | 136 | 301212 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.12 | 164 | 208908 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.87 | 188 | 527065 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.09 | 240 | 663011 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.23 | 264 | 587892 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.08 | 96 | 4982 | 4.34 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.65 | 99 | 113181 | 18.07 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.82 | 67 | 69558 | 19.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.00 | 132 | 91767 | 20.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.17 | 113 | 102644 | 19.76 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.61 | 128 | 49986 | 23.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.32 | 143 | 57936 | 23.41 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.85 | 165 | 108307 | 20.78 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.37 | 131 | 138440 | 25.21 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.54 | 166 | 450009 | 24.54 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.80 | 160 | 497291 | 23.31 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.32 | 143 | 63291 | 19.61 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.12 | 176 | 374794 | 23.64 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.24 | 200 | 72654 | 22.44 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 16.97 | 188 | 617261 | 24.25 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.28 | 212 | 734767 | 23.86 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.09 | 264 | 695906 | 24.49 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.27 | 128 | 50170 | 3.35 | ng/ul# | 94 |
| 30) 4-Chloroaniline | 10.28 | 127 | 6140 | 1.11 | ng/ul# | 17 |
| 34) 2-Methylnaphthalene | 11.90 | 142 | 15884 | 1.32 | ng/ul | 90 |
| 44) Dimethylphthalate | 13.59 | 163 | 152171 | 8.47 | ng/ul | 97 |
| 53) Dibenzofuran | 14.52 | 168 | 30424 | 1.47 | ng/ul | 89 |
| 58) Fluorene | 15.17 | 166 | 19571 | 1.13 | ng/ul# | 97 |
| 69) Phenanthrene | 16.91 | 178 | 236596 | 8.44 | ng/ul | 100 |
| 71) Anthracene | 17.00 | 178 | 29240 | 1.01 | ng/ul | 94 |
| 74) Fluoranthene | 18.94 | 202 | 190036 | 5.26 | ng/ul# | 97 |
| 77) Pyrene | 19.31 | 202 | 109738 | 2.87 | ng/ul# | 98 |
| 80) Benzo(a)anthracene | 21.07 | 228 | 42143 | 1.09 | ng/ul | 98 |

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

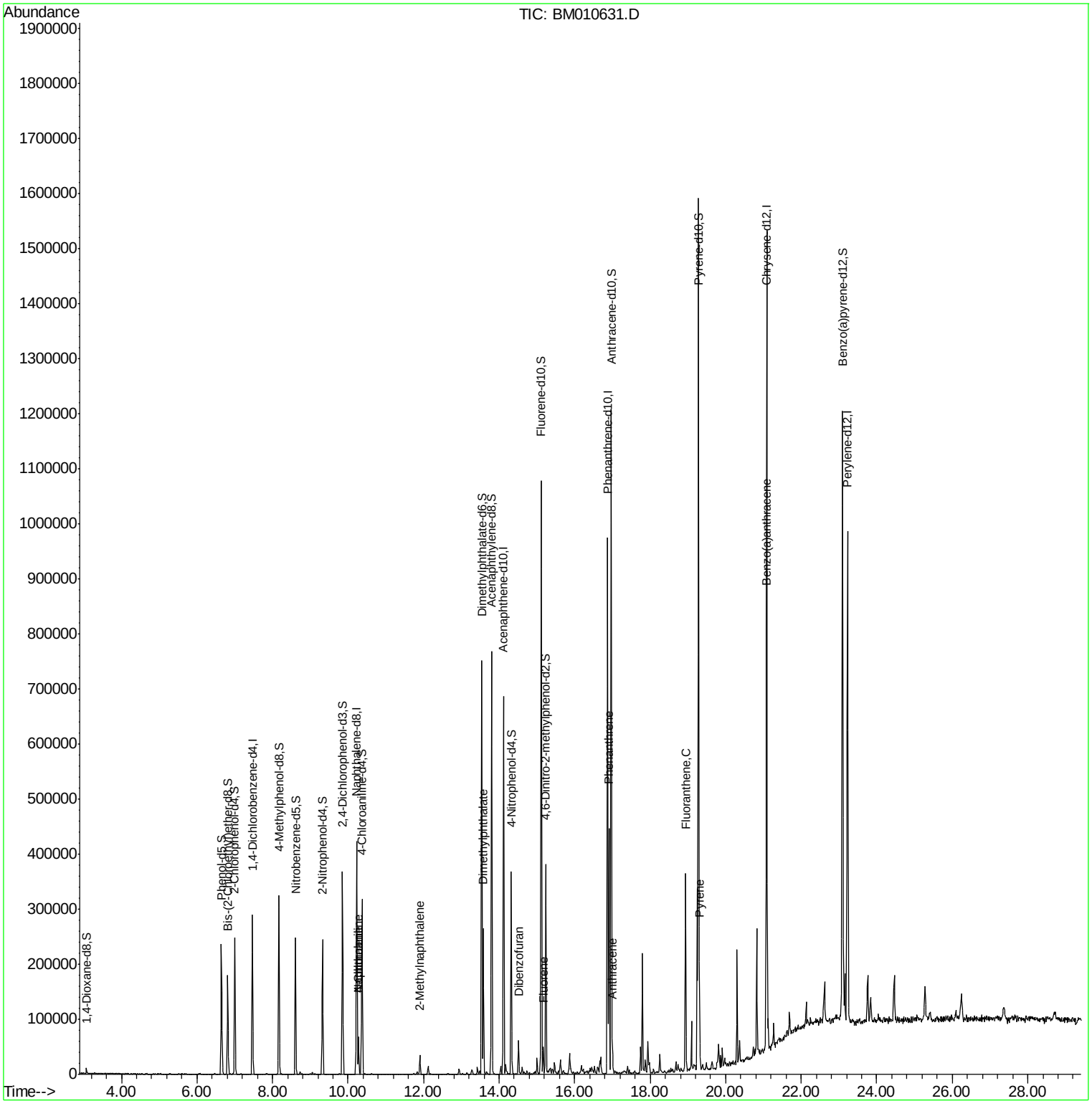
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\

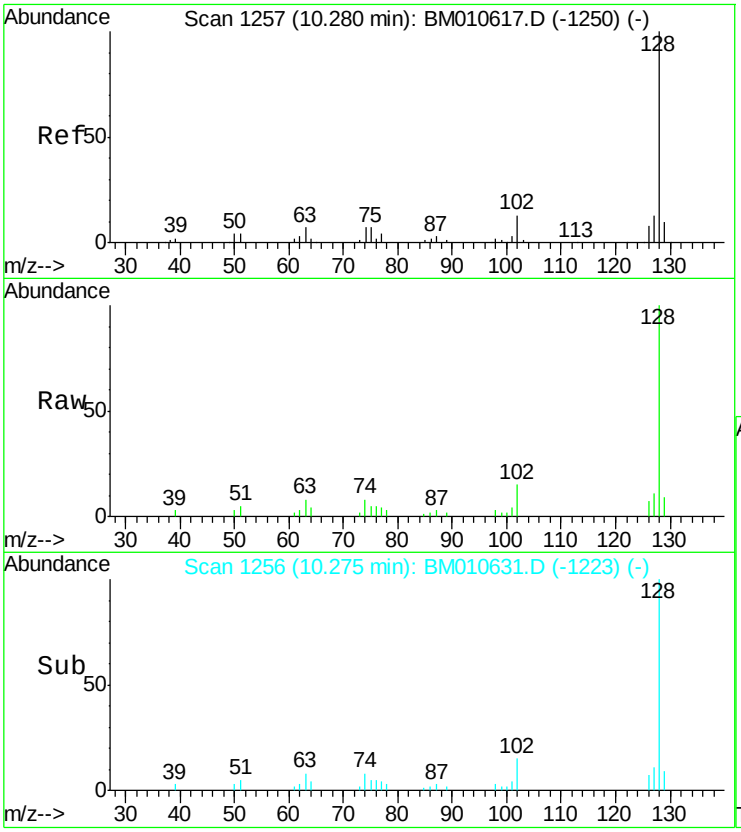
Quantitation Report (Not Reviewed)

Data File : BM010631.D
Acq On : 21 Jun 2017 20:04
Operator : SJ/JU
Sample : I3627-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
F5A91

Quant Time: Jun 22 00:46:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 00:43:46 2017
Response via : Initial Calibration



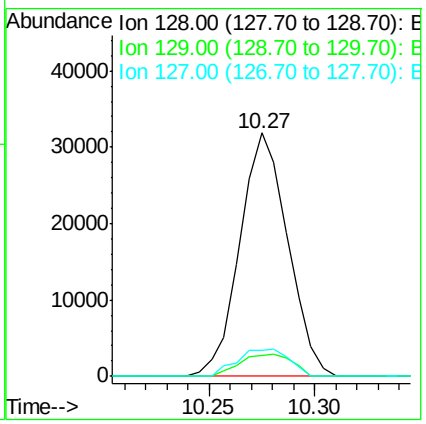


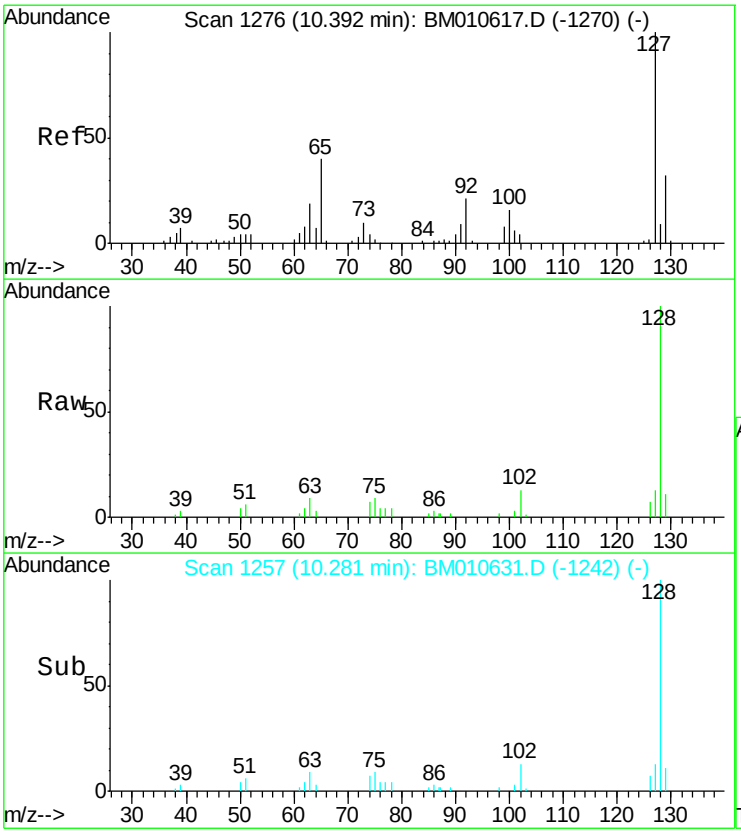

#28
Naphthalene
Concen: 3.35 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

**Instrument :**
BNA_M
**ClientSampleId :**
F5A91

Tgt Ion:128 Resp: 50170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 8.7 | 8.8 | 13.2# |
| 127 | 10.7 | 10.6 | 16.0 |

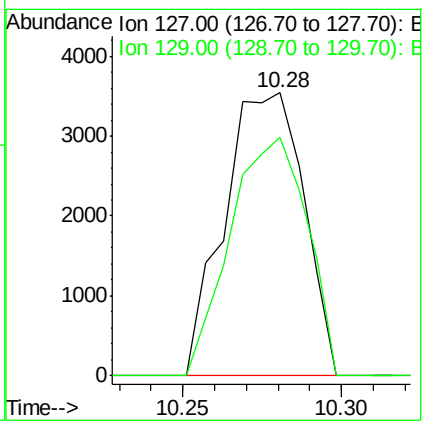


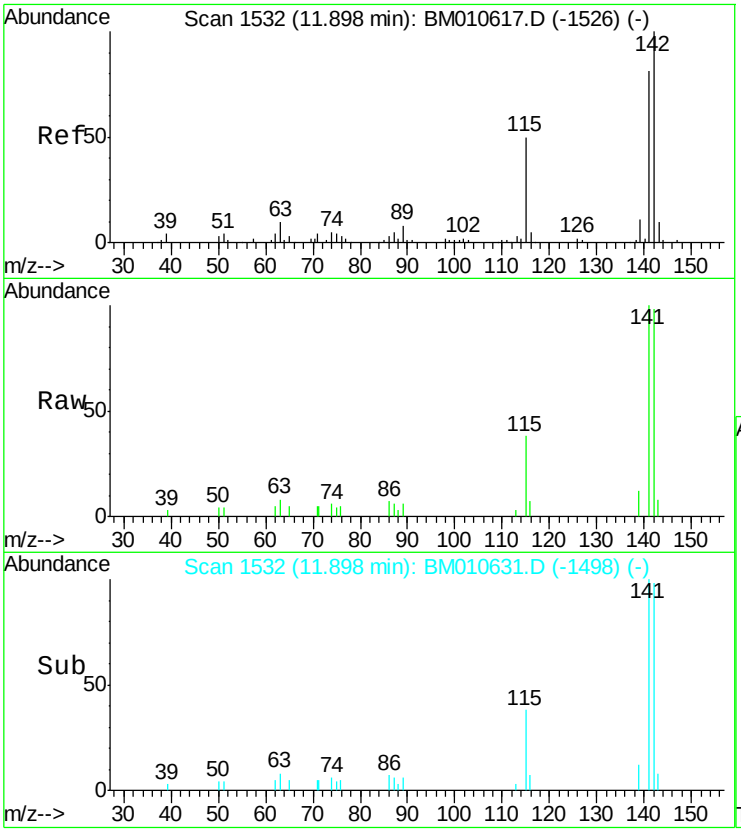




#30
4-Chloroaniline
Concen: 1.11 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. -0.11 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

Tgt Ion:127 Resp: 6140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 84.1 | 28.4 | 42.6# |



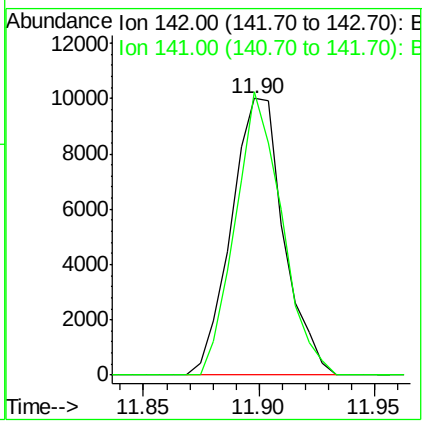


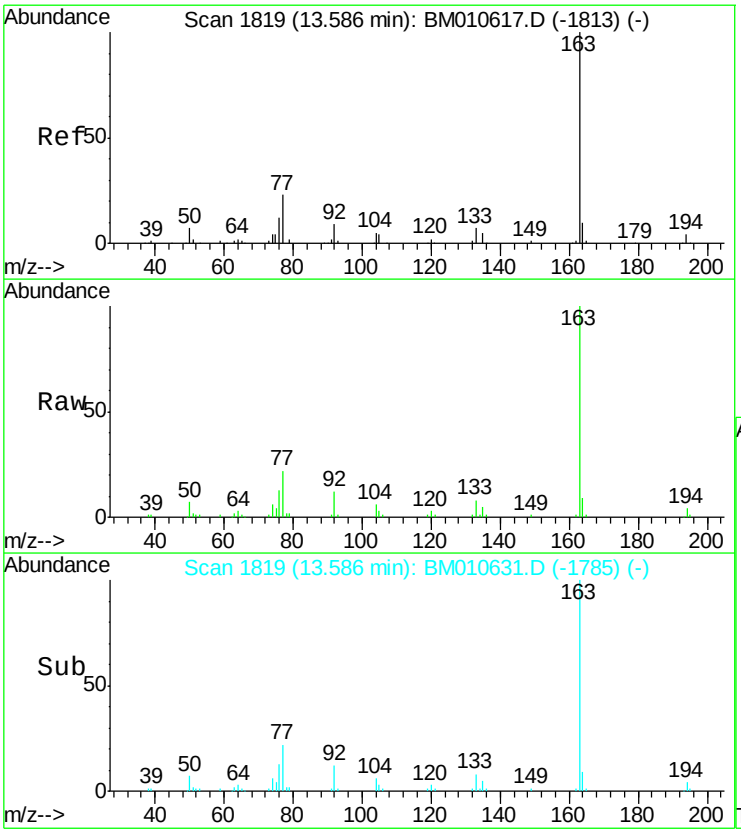

#34
2-Methylnaphthalene
Concen: 1.32 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

**Instrument :**
BNA_M
**ClientSampleId :**
F5A91

Tgt Ion:142 Resp: 15884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 102.3 | 74.1 | 111.1 |

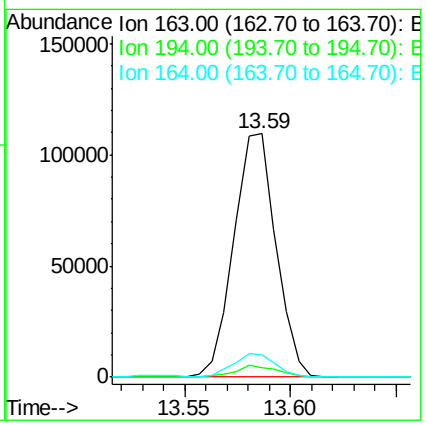


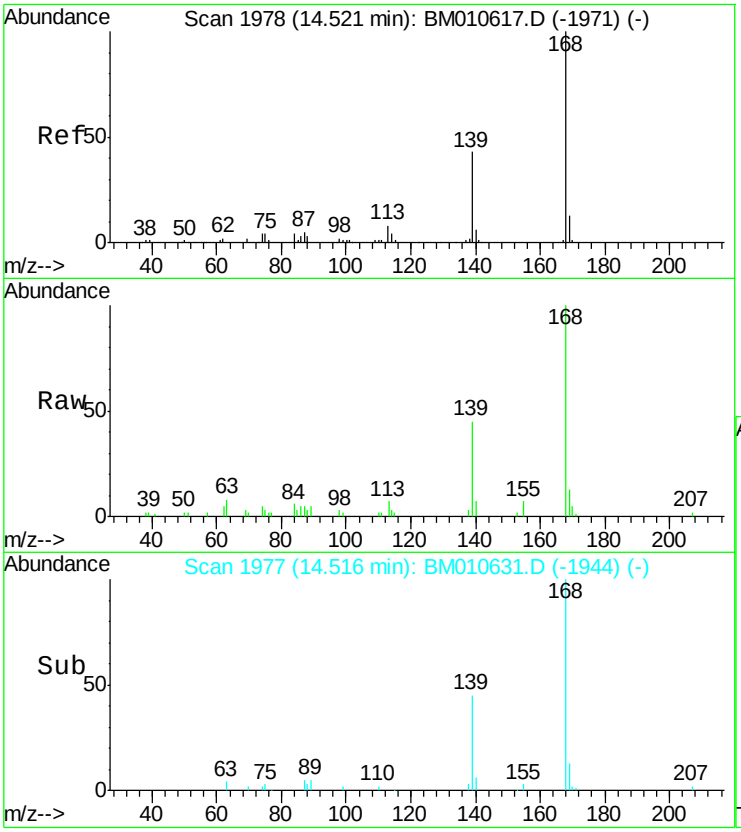




#44
Dimethylphthalate
Concen: 8.47 ng/ul
RT: 13.59 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

Tgt Ion:163 Resp: 152171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.5 | 5.3 |
| 164 | 8.8 | 8.2 | 12.4 |



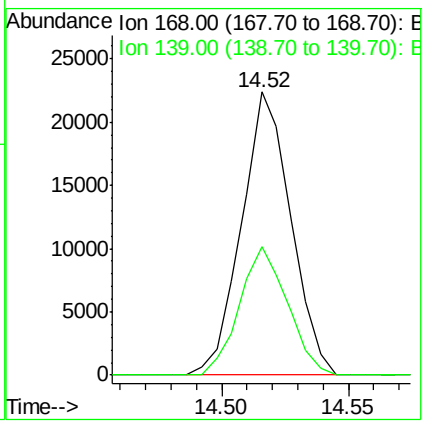


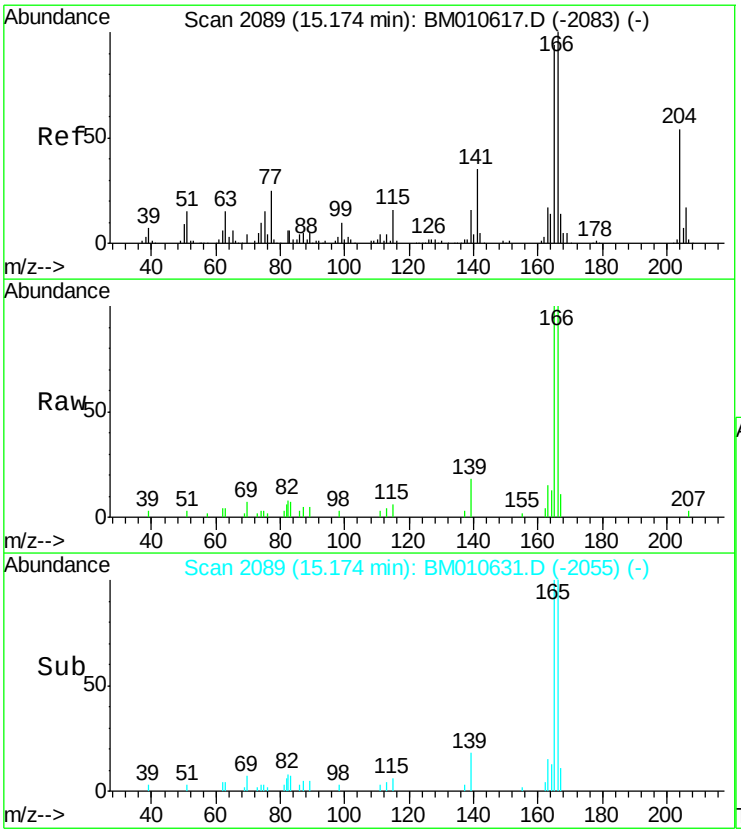

#53
Dibenzofuran
Concen: 1.47 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

**Instrument :**
BNA_M
**ClientSampleId :**
F5A91

Tgt Ion:168 Resp: 30424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 45.2 | 30.8 | 46.2 |

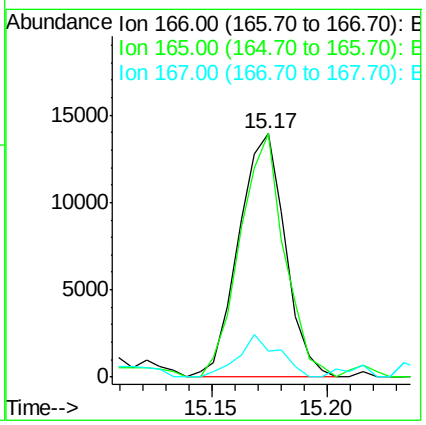


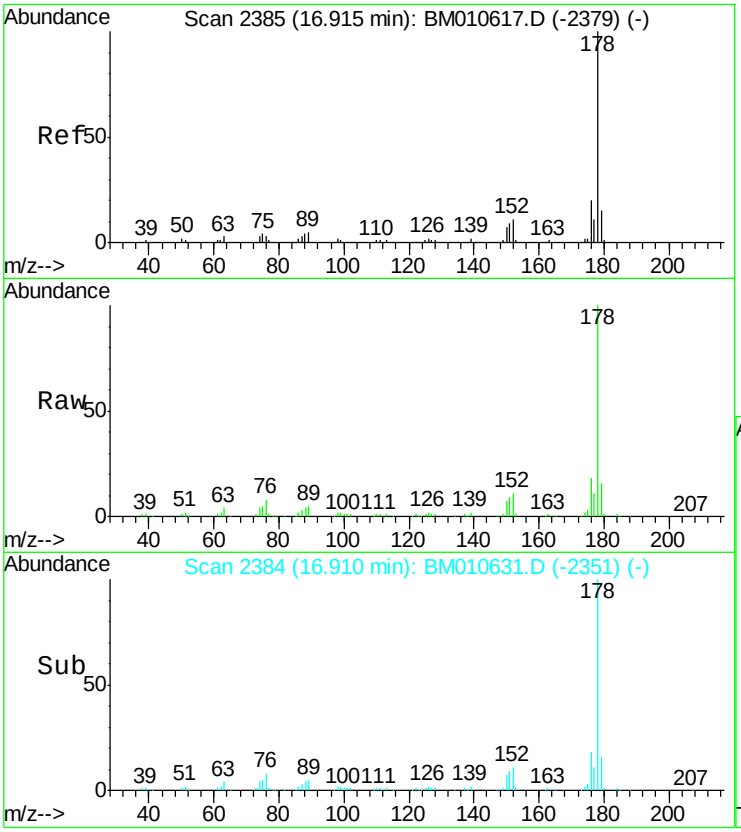




#58
Fluorene
Concen: 1.13 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

Tgt Ion:166 Resp: 19571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.0 | 77.9 | 116.9 |
| 167 | 10.6 | 10.6 | 16.0# |



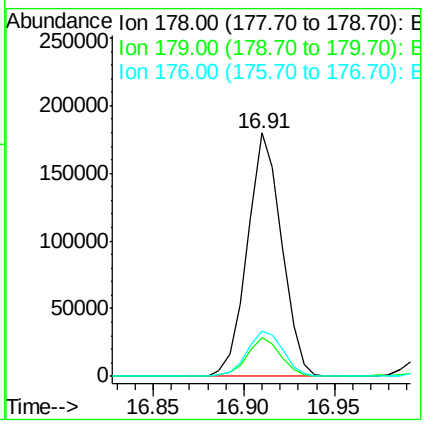


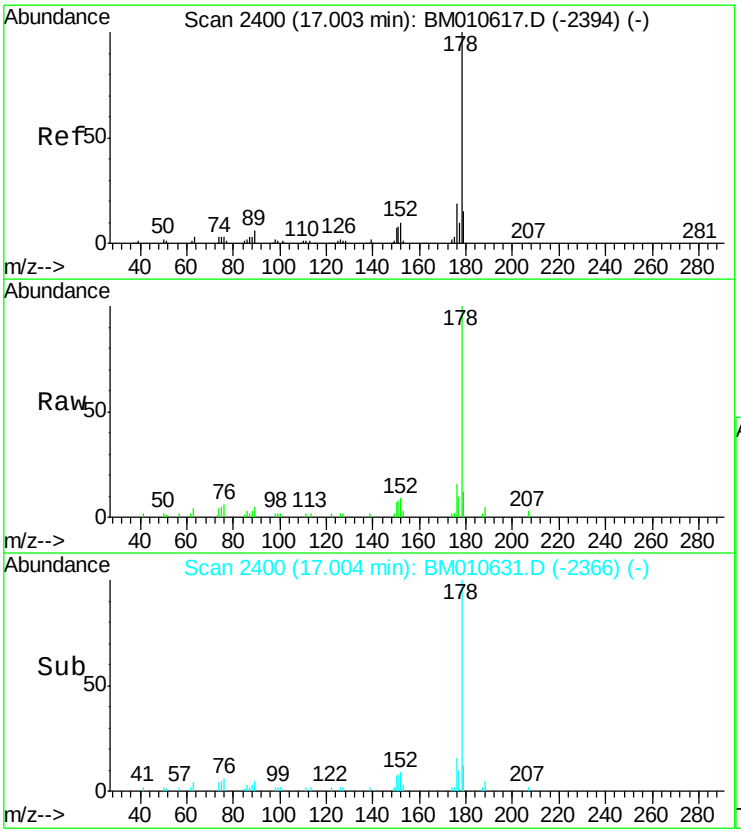

#69
Phenanthrene
Concen: 8.44 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

**Instrument :**
BNA_M
**ClientSampleId :**
F5A91

Tgt Ion:178 Resp: 236596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 12.6 | 19.0 |
| 176 | 18.5 | 14.9 | 22.3 |

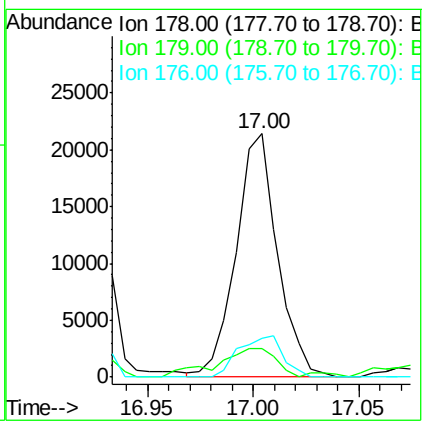


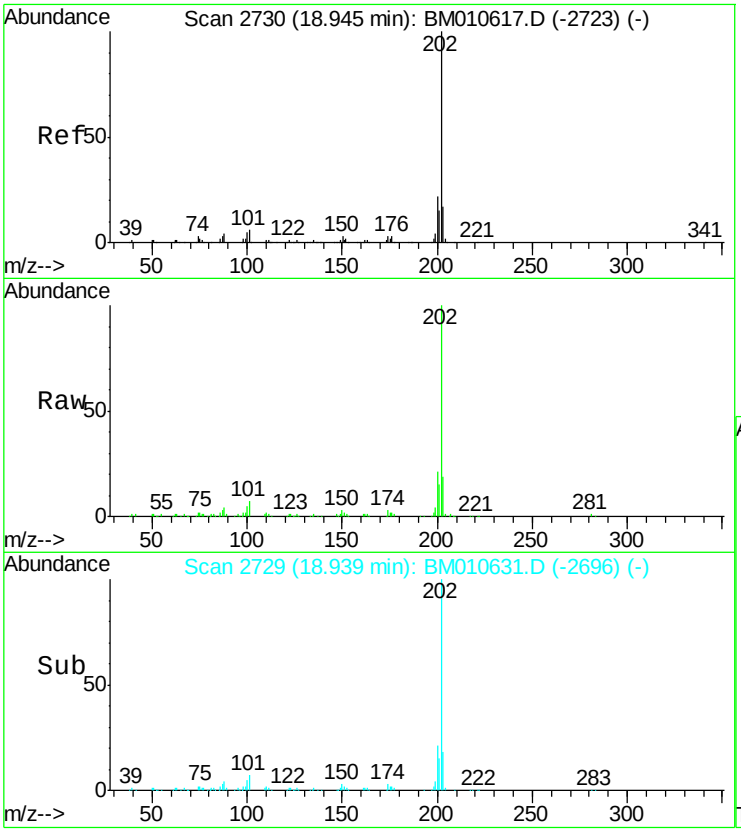




#71
Anthracene
Concen: 1.01 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

Tgt Ion:178 Resp: 29240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 12.0 | 11.7 | 17.5 |
| 176 | 15.7 | 14.6 | 21.8 |



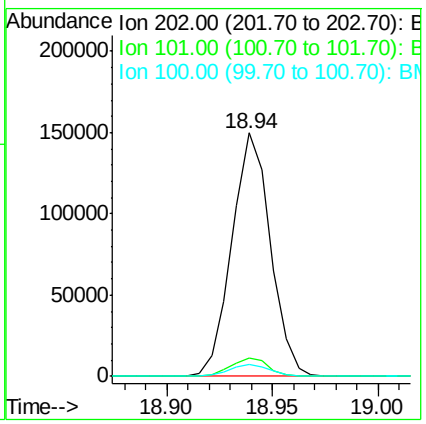


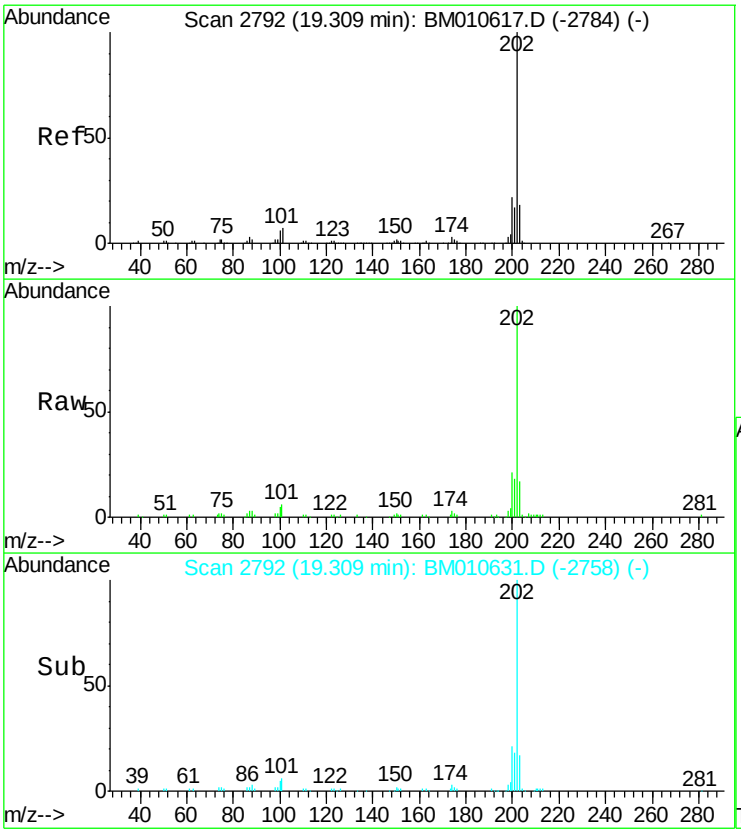

#74
Fluoranthene
Concen: 5.26 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

**Instrument :**
BNA_M
**ClientSampleId :**
F5A91

Tgt Ion:202 Resp: 190036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.3 | 4.6 | 7.0# |
| 100 | 4.9 | 3.4 | 5.2 |

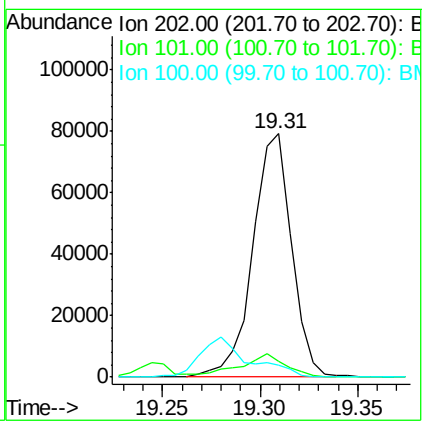


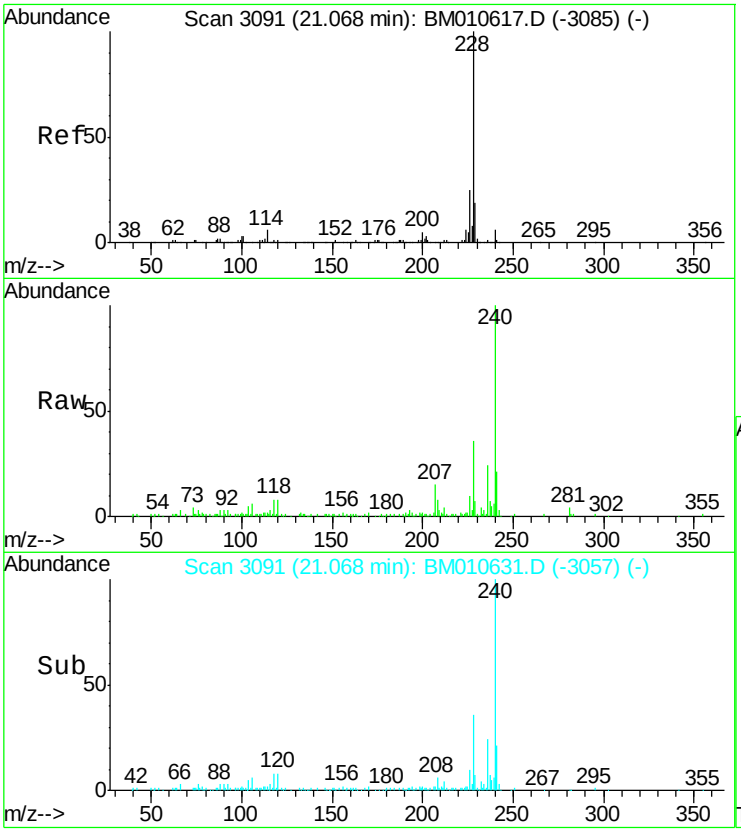




#77
Pyrene
Concen: 2.87 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

Tgt Ion:202 Resp: 109738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.3 | 5.1 | 7.7 |
| 100 | 4.9 | 4.9 | 7.3# |






#80
Benzo(a)anthracene
Concen: 1.09 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010631.D
Acq: 21 Jun 2017 20:04

**Instrument :**
BNA_M
**ClientSampleId :**
F5A91

Tgt Ion:228 Resp: 42143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 17.9 | 15.4 | 23.0 |
| 226 | 27.4 | 21.4 | 32.0 |