Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F6F12

Quant Time: Mar 14 02:09:39 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 | 7.47 | 152 | 112303 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.25 | 136 | 479024 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.14 | 164 | 261792 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.91 | 188 | 560390 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.13 | 240 | 422533 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.30 | 264 | 325418 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.06 | 96 | 4912 | 1.87 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.70 | 99 | 189860 | 20.00 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.83 | 67 | 117121 | 20.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.02 | 132 | 153013 | 21.02 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.22 | 113 | 134992 | 16.25 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.65 | 128 | 78892 | 22.29 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.36 | 143 | 97973 | 26.74 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.91 | 165 | 167909 | 22.13 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.50 | 131 | 3254 | 0.44 | ng/ul | 0.09 |
| 43) Dimethylphthalate-d6 | 13.56 | 166 | 558452 | 25.83 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.83 | 160 | 675280 | 25.33 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.46 | 143 | 46908 | 15.71 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.15 | 176 | 448943 | 23.18 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 59992 | 17.85 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.00 | 188 | 645441 | 23.87 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.32 | 212 | 647180 | 29.70 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.16 | 264 | 393078 | 24.82 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.72 | 94 | 31225 | 3.135 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 11.93 | 142 | 42597 | 2.275 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.62 | 163 | 75647 | 3.548 | ng/ul | 99 |
| 69) Phenanthrene | 16.95 | 178 | 103294 | 3.199 | ng/ul | 97 |
| 71) Anthracene | 16.95 | 178 | 103294 | 3.181 | ng/ul | 98 |
| 77) Pyrene | 19.35 | 202 | 77032 | 2.743 | ng/ul# | 97 |
| 80) Benzo(a)anthracene | 21.11 | 228 | 27069 | 1.026 | ng/ul# | 85 |
| 82) Chrysene | 21.17 | 228 | 47215 | 1.919 | ng/ul# | 91 |
| 88) Benzo(a)pyrene | 23.21 | 252 | 20223 | 1.039 | ng/ul# | 42 |
| 91) Benzo(g,h,i)perylene | 26.13 | 276 | 23696 | 1.548 | ng/ul# | 72 |

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

Quantitation Report (Not Reviewed)

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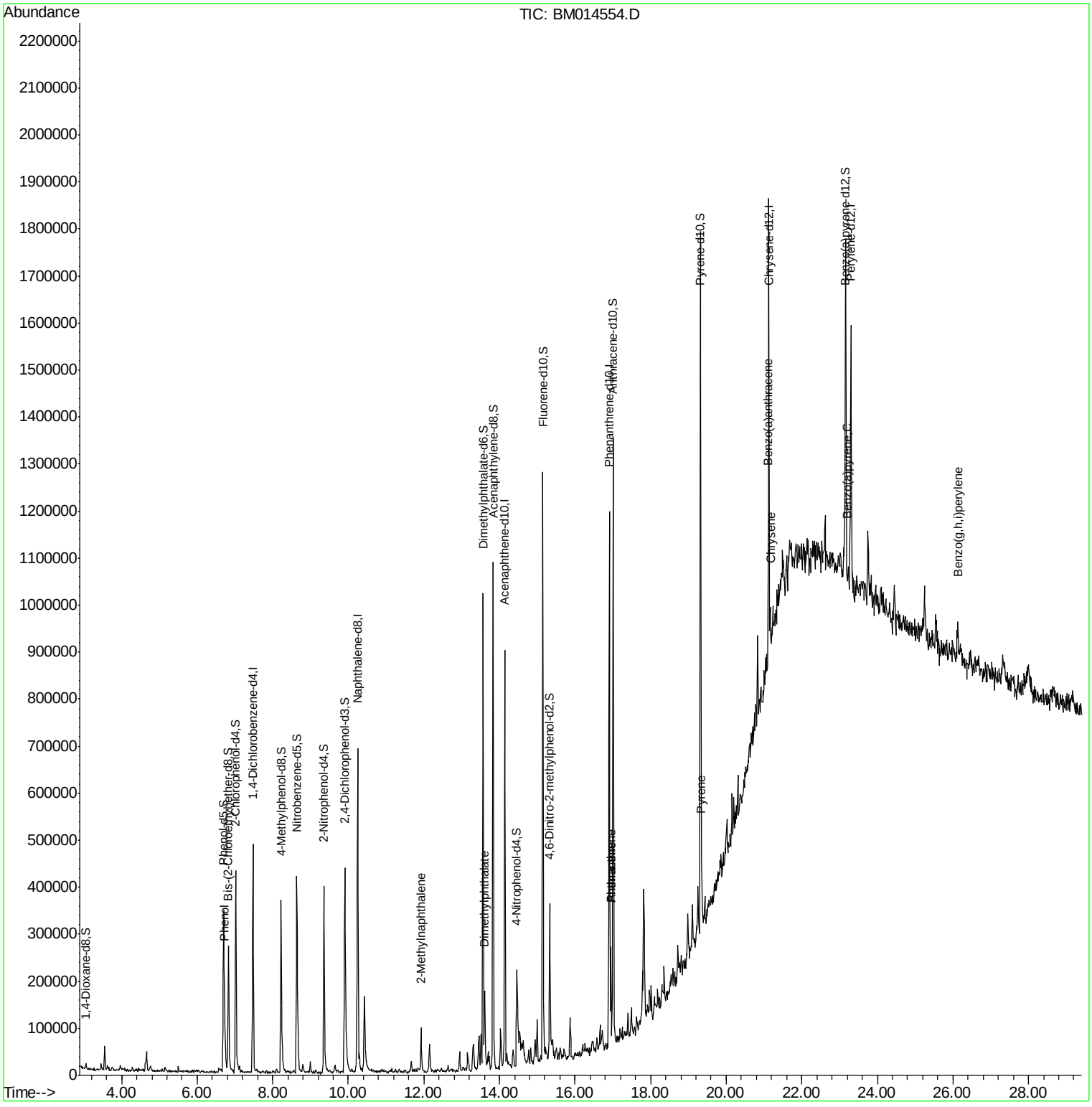
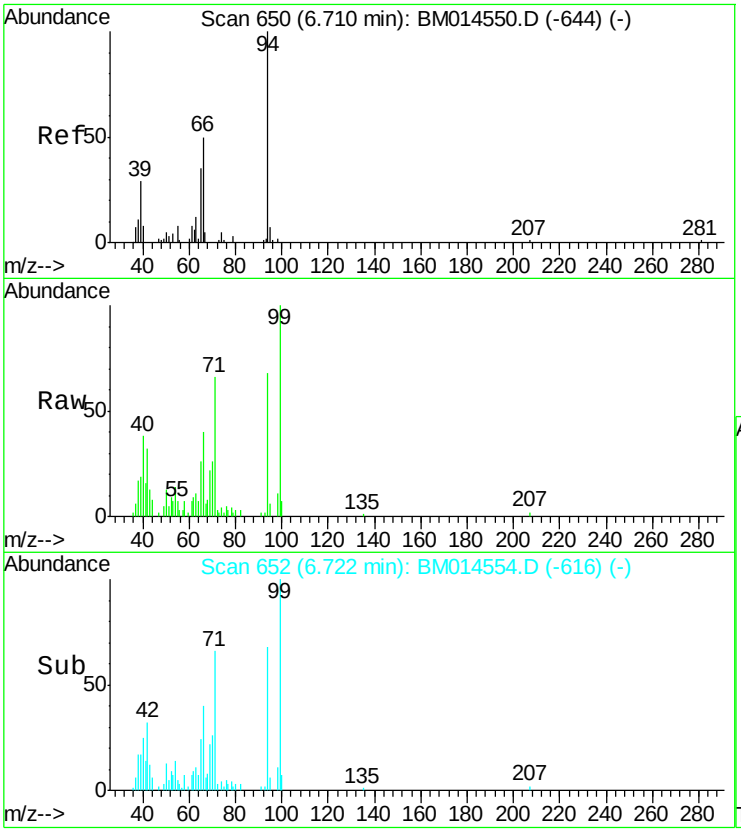
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
F6F12

Quant Time: Mar 14 02:09:39 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



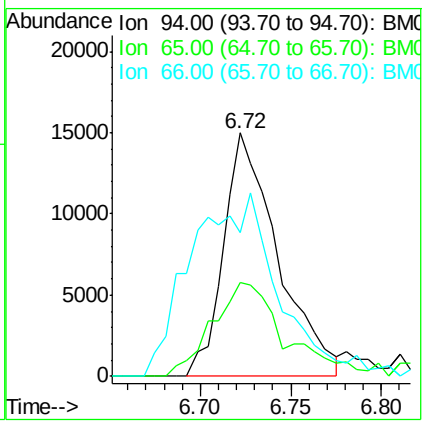


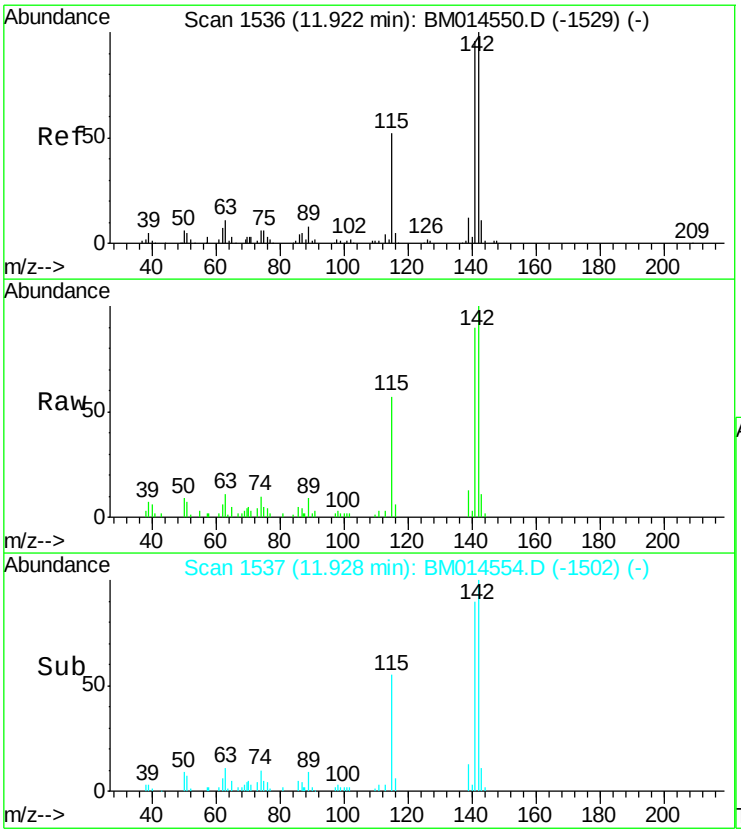

#6
Phenol
Concen: 3.135 ng/ul
RT: 6.72 min Scan# 652
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

**Instrument :**
BNA_M
**ClientSampleId :**
F6F12

Tgt Ion: 94 Resp: 31225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 38.4 | 28.2 | 42.4 |
| 66 | 58.9 | 47.2 | 70.8 |

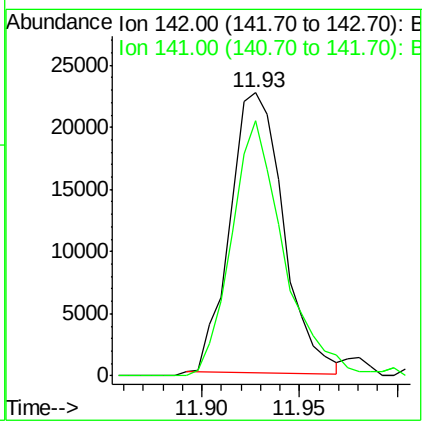


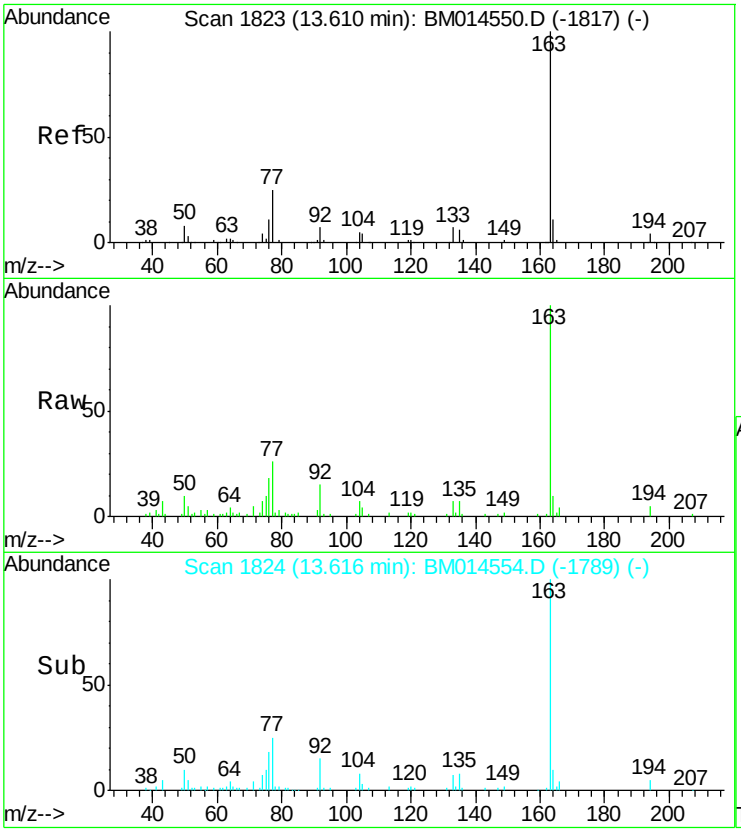




#34
2-Methylnaphthalene
Concen: 2.275 ng/ul
RT: 11.93 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:142 Resp: 42597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.1 | 74.1 | 111.1 |



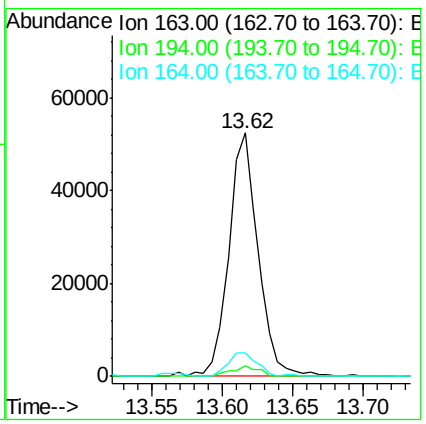


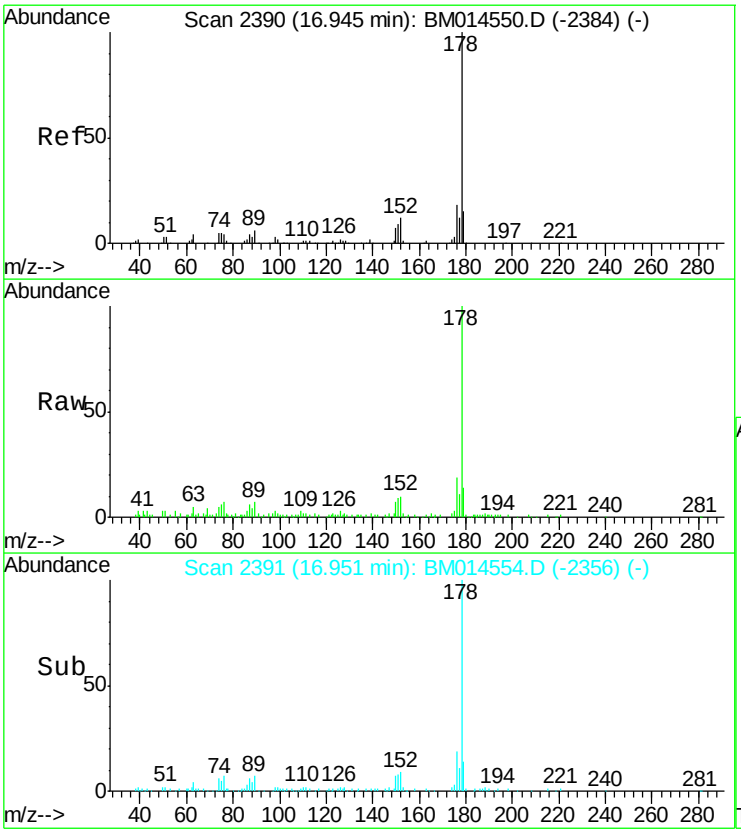

#44
Dimethylphthalate
Concen: 3.548 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

**Instrument :**
BNA_M
**ClientSampleId :**
F6F12

Tgt Ion:163 Resp: 75647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.5 | 5.3 |
| 164 | 9.7 | 8.2 | 12.4 |

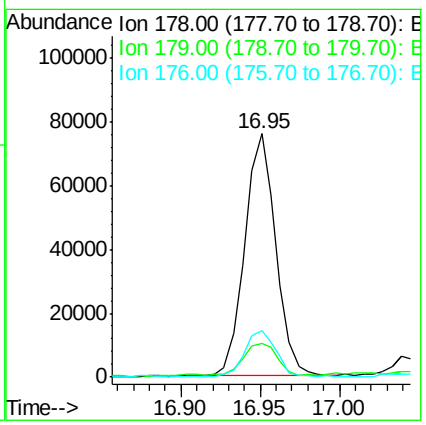


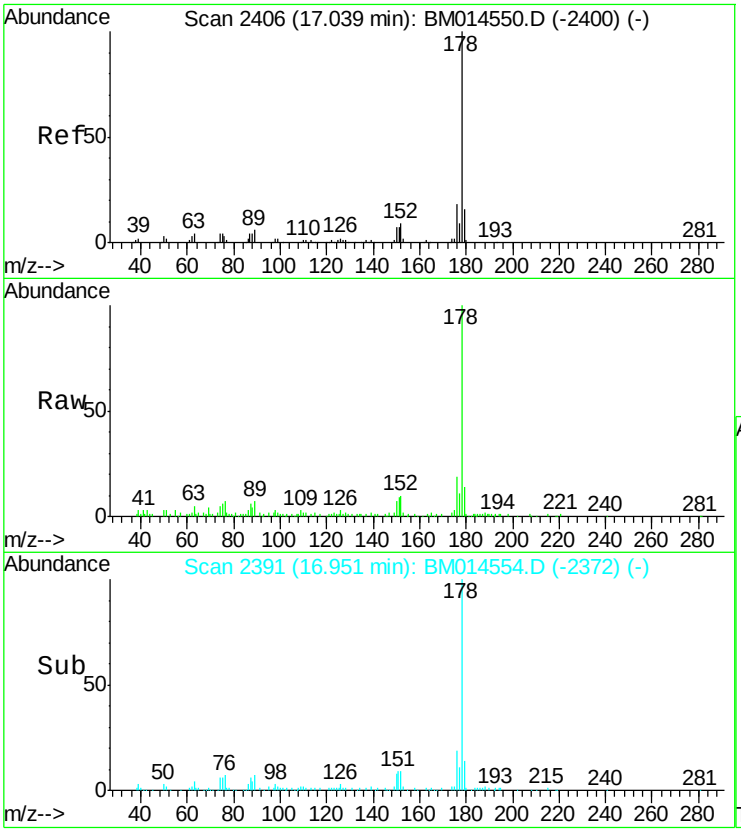




#69
Phenanthrene
Concen: 3.199 ng/ul
RT: 16.95 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:178 Resp: 103294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.1 | 12.6 | 19.0 |
| 176 | 19.2 | 14.9 | 22.3 |



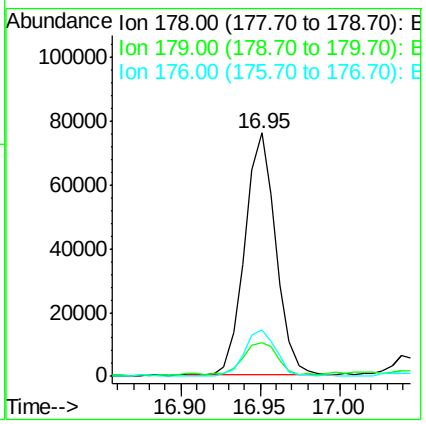


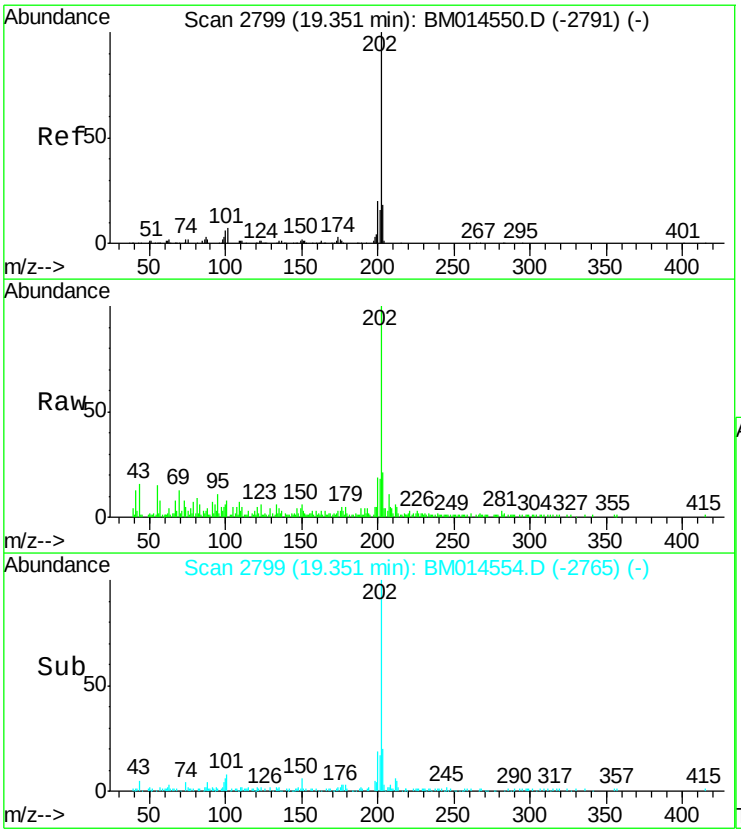

#71
Anthracene
Concen: 3.181 ng/ul
RT: 16.95 min Scan# 2391
Delta R.T. -0.09 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

**Instrument :**
BNA_M
**ClientSampleId :**
F6F12

Tgt Ion:178 Resp: 103294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.1 | 11.7 | 17.5 |
| 176 | 19.2 | 14.6 | 21.8 |

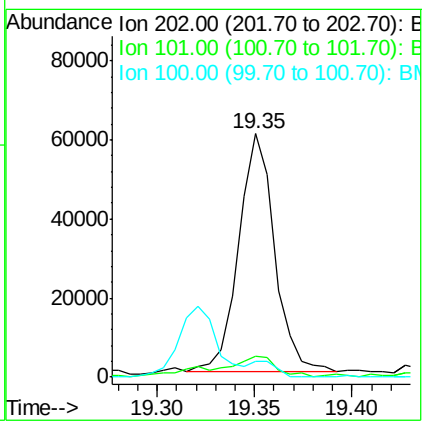


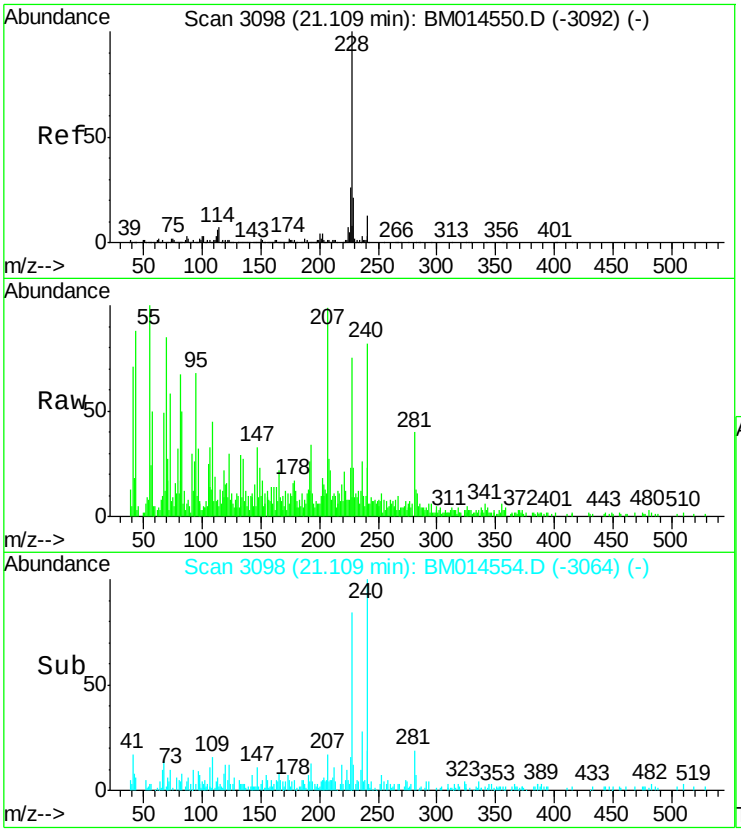




#77
Pyrene
Concen: 2.743 ng/ul
RT: 19.35 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:202 Resp: 77032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.4 | 5.1 | 7.7# |
| 100 | 6.3 | 4.9 | 7.3 |



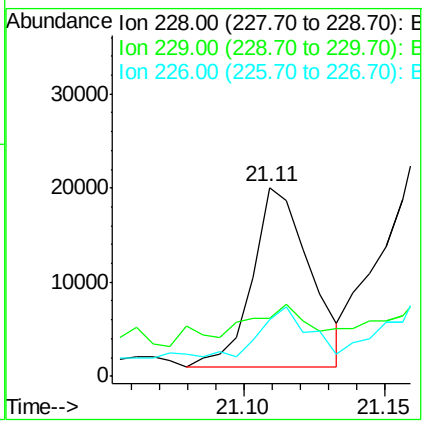


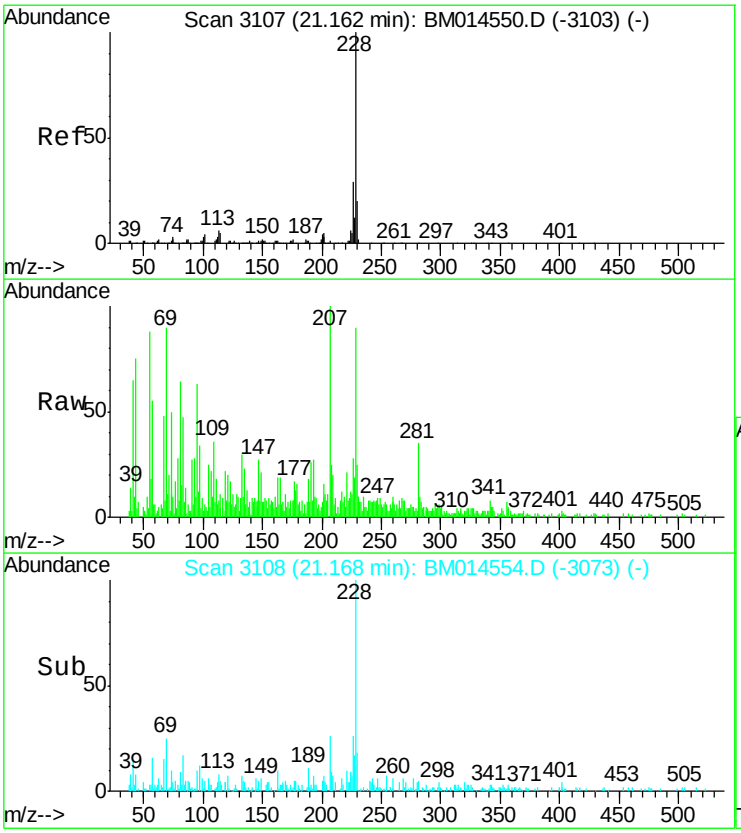

#80
Benzo(a)anthracene
Concen: 1.026 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

**Instrument :**
BNA_M
**ClientSampleId :**
F6F12

Tgt Ion:228 Resp: 27069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 30.6 | 15.4 | 23.0# |
| 226 | 30.3 | 21.4 | 32.0 |

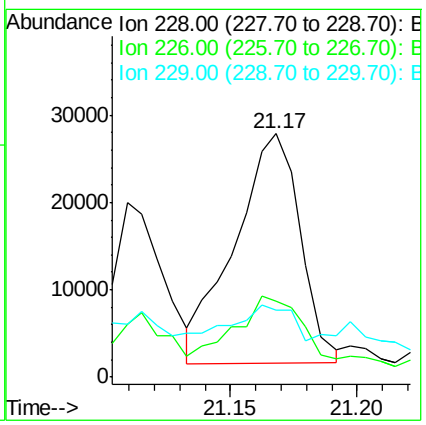


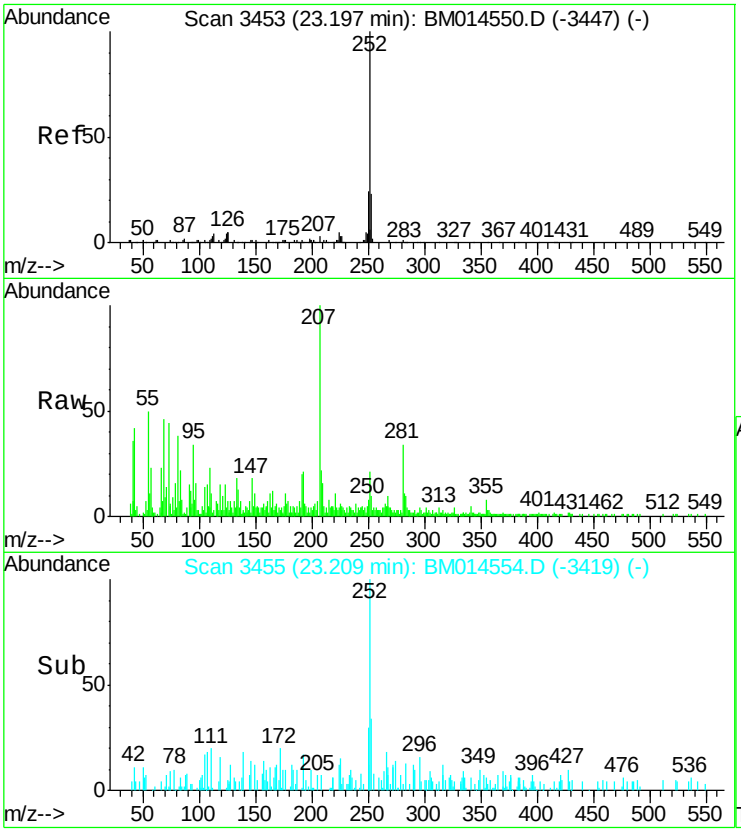




#82
Chrysene
Concen: 1.919 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:228 Resp: 47215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 23.4 | 35.2 |
| 229 | 27.6 | 15.5 | 23.3# |



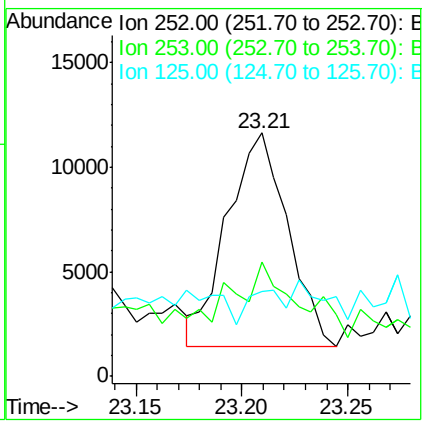


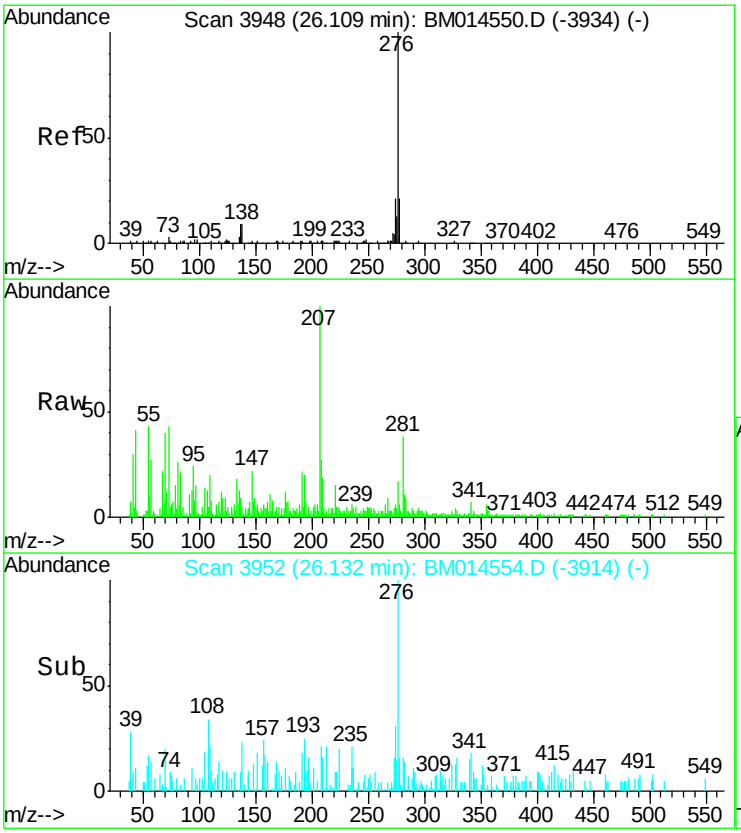

#88
Benzo(a)pyrene
Concen: 1.039 ng/ul
RT: 23.21 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

**Instrument :**
BNA_M
**ClientSampleId :**
F6F12

Tgt Ion:252 Resp: 20223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 47.1 | 18.2 | 27.2# |
| 125 | 34.7 | 4.0 | 6.0# |




#91
Benzo(g,h,i)perylene
Concen: 1.548 ng/ul
RT: 26.13 min Scan# 3952
Delta R.T. 0.02 min
Lab File: BM014554.D
Acq: 13 Mar 2018 21:52

Tgt Ion:276 Resp: 23696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.1 | 8.5 | 12.7# |
| 277 | 34.0 | 18.6 | 28.0# |