Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014933.D
Acq On : 02 May 2018 21:32
Operator : SJ/JU
Sample : J2631-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 03 04:30:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 04:26:19 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.49 | 152 | 393922 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.33 | 136 | 1644997 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 15.10 | 164 | 820840 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.81 | 188 | 1612759 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.90 | 240 | 1470737 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 24.38 | 264 | 1521350 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.64 | 96 | 60424 | 6.70 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.62 | 99 | 1070360 | 35.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.80 | 67 | 753764 | 38.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.01 | 132 | 907025 | 35.60 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.19 | 113 | 785914 | 32.36 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.67 | 128 | 420518 | 35.36 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.40 | 143 | 445409 | 37.61 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.94 | 165 | 766291 | 31.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.46 | 131 | 974000 | 41.01 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.49 | 166 | 2161386 | 33.73 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.80 | 160 | 2609367 | 32.98 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.26 | 143 | 304866 | 25.64 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 16.07 | 176 | 1799044 | 32.28 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.17 | 200 | 237407 | 27.20 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.91 | 188 | 2519704 | 33.53 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.15 | 212 | 2542711 | 36.54 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.22 | 264 | 2772856 | 37.10 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.65 | 94 | 70529 | 2.354 | ng/ul# | 82 |
| 15) N-Nitroso-di-n-propylamine | 9.19 | 70 | 20930 | 1.133 | ng/ul# | 1 |
| 44) Dimethylphthalate | 14.53 | 163 | 484431 | 7.821 | ng/ul | 99 |
| 74) Fluoranthene | 19.82 | 202 | 151466 | 1.604 | ng/ul# | 79 |
| 77) Pyrene | 20.17 | 202 | 137489 | 1.600 | ng/ul# | 76 |
| 80) Benzo(a)anthracene | 21.89 | 228 | 89436 | 1.040 | ng/ul# | 94 |
| 82) Chrysene | 21.89 | 228 | 89436 | 1.111 | ng/ul | 96 |
| 85) Benzo(b)fluoranthene | 23.62 | 252 | 212652 | 2.371 | ng/ul# | 90 |
| 86) Benzo(k)fluoranthene | 23.62 | 252 | 212652 | 2.466 | ng/ul# | 88 |
| 88) Benzo(a)pyrene | 24.27 | 252 | 153883 | 1.809 | ng/ul# | 94 |
| 89) Indeno(1,2,3-cd)pyrene | 26.94 | 276 | 121876 | 1.184 | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene | 27.73 | 276 | 105559 | 1.247 | ng/ul# | 87 |

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

Quantitation Report (Not Reviewed)

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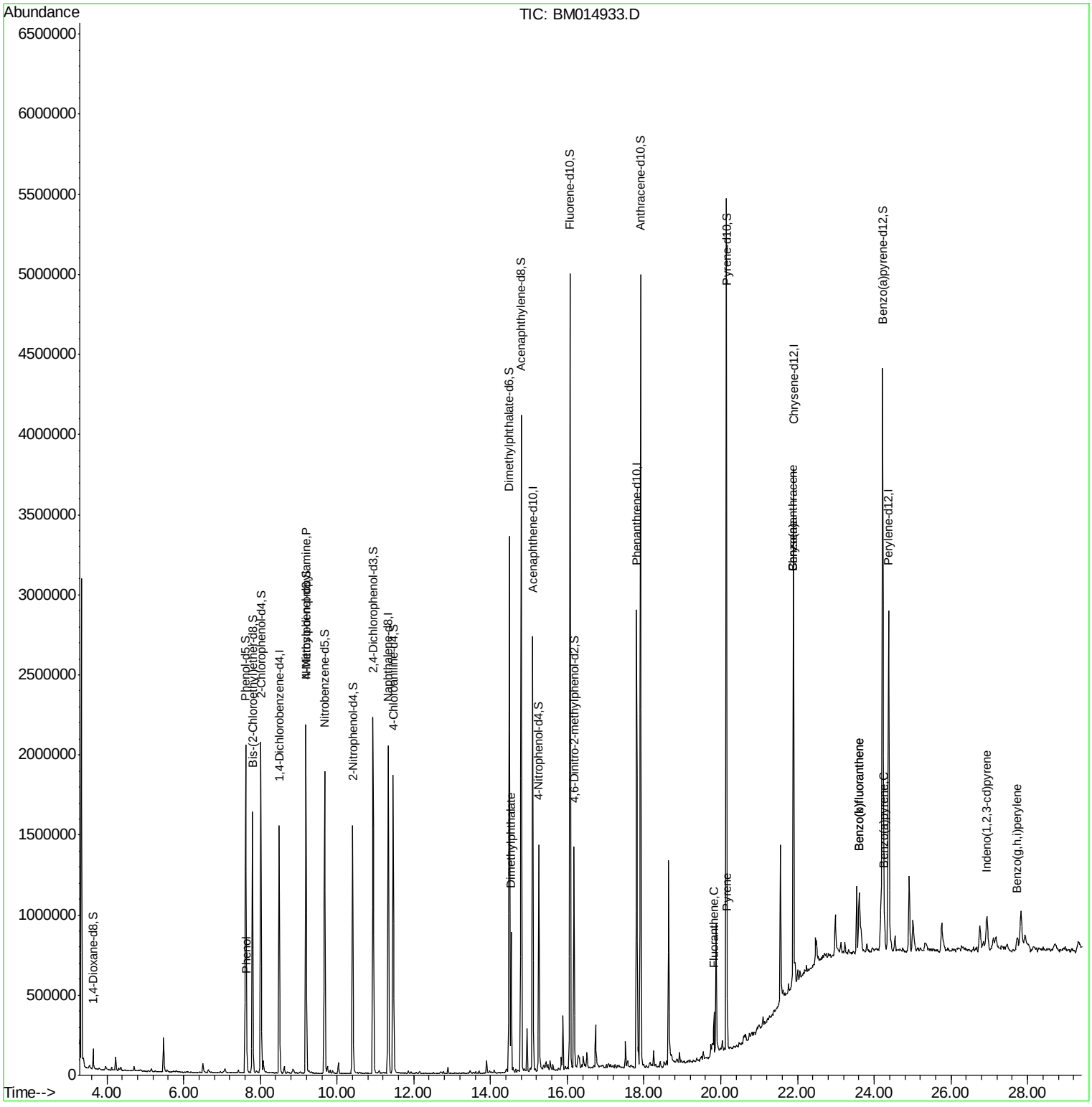
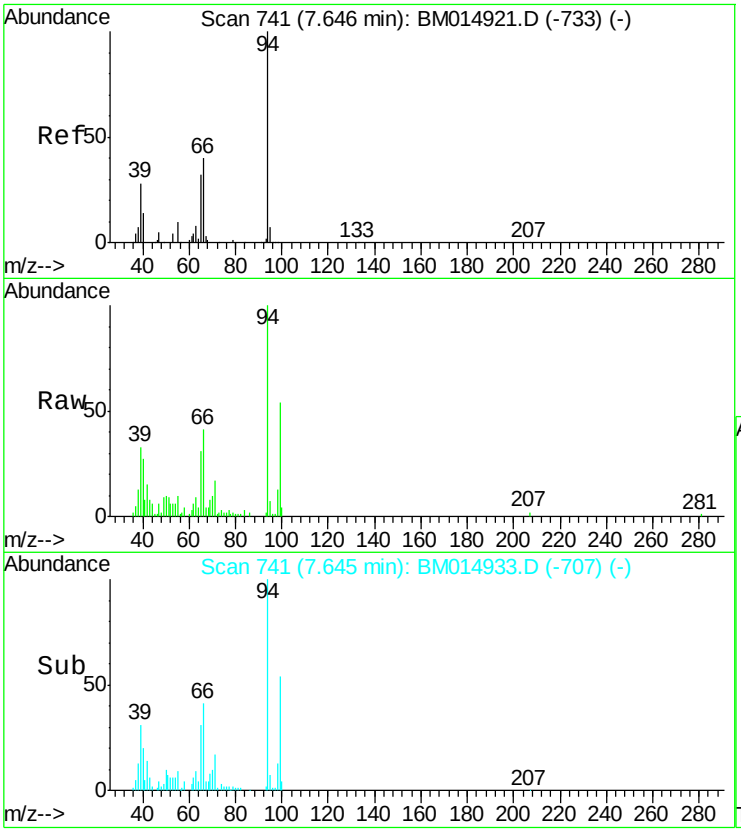
Data File : BM014933.D
Acq On : 02 May 2018 21:32
Operator : SJ/JU
Sample : J2631-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 03 04:30:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 04:26:19 2018
Response via : Initial Calibration



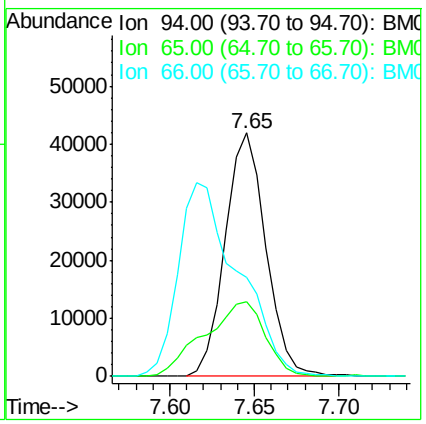


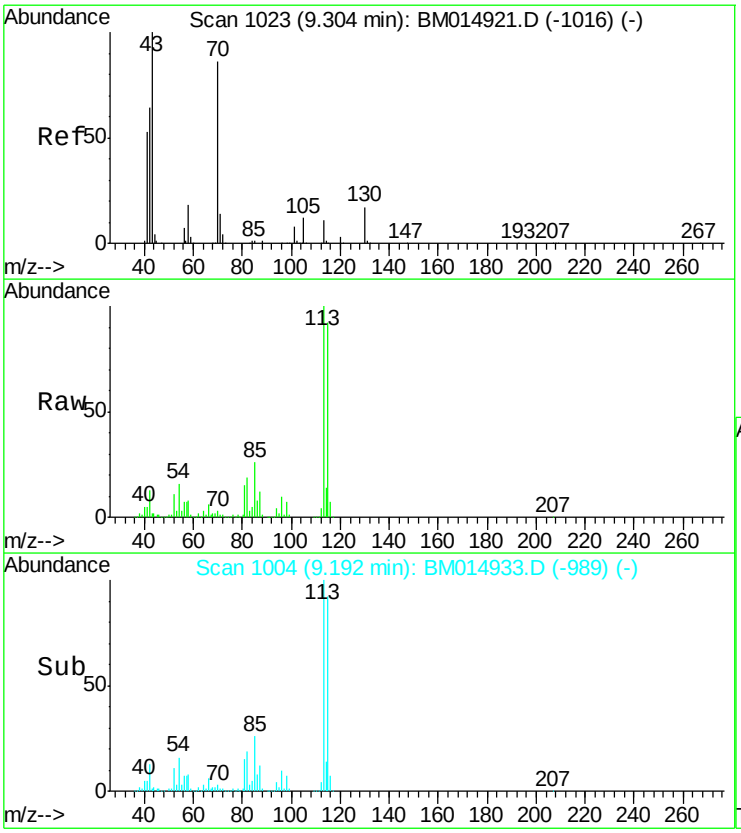

#6
Phenol
Concen: 2.354 ng/ul
RT: 7.65 min Scan# 741
Delta R.T. -0.00 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

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

Tgt Ion: 94 Resp: 70529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.9 | 28.2 | 42.4 |
| 66 | 40.8 | 47.2 | 70.8# |

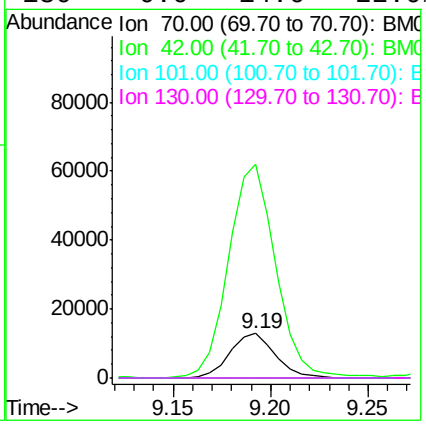


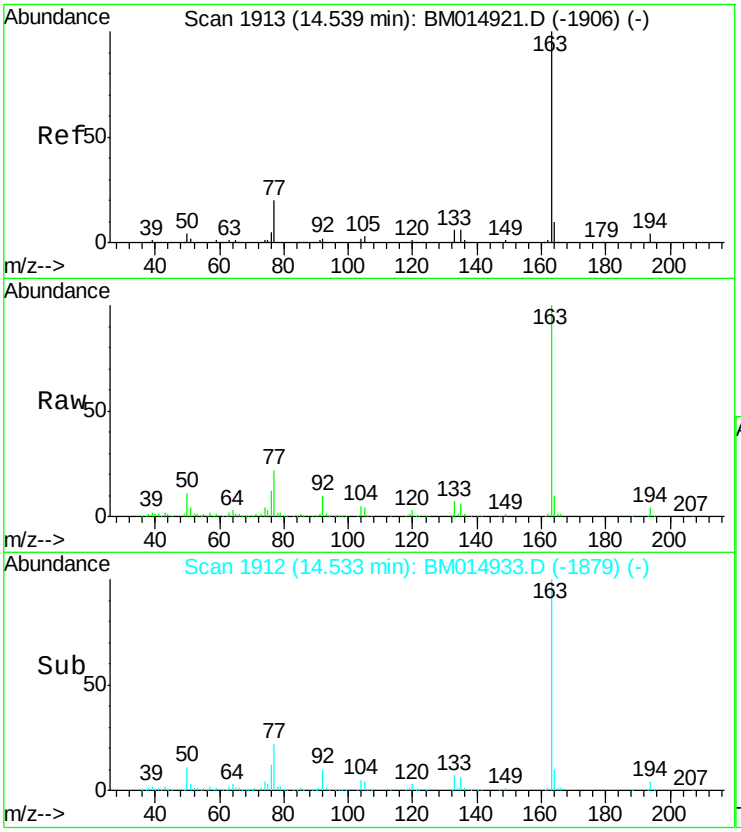




#15
N-Nitroso-di-n-propylamine
Concen: 1.133 ng/ul
RT: 9.19 min Scan# 1004
Delta R.T. -0.11 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

Tgt Ion: 70 Resp: 20930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 479.6 | 76.0 | 114.0# |
| 101 | 0.0 | 6.7 | 10.1# |
| 130 | 0.0 | 14.6 | 22.0# |



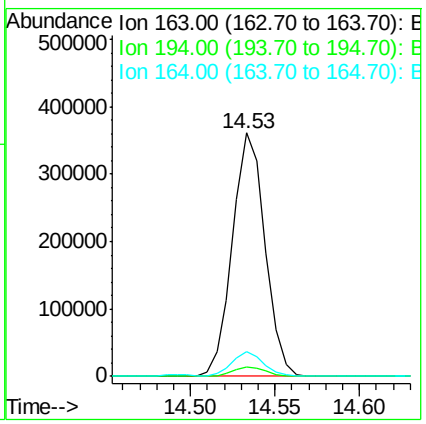


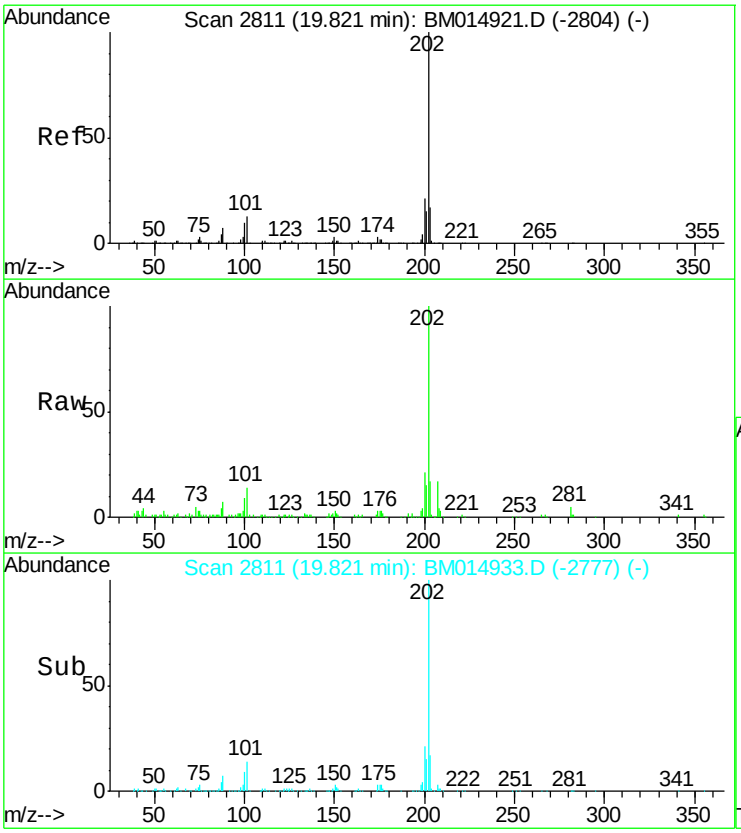

#44
Dimethylphthalate
Concen: 7.821 ng/ul
RT: 14.53 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

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

Tgt Ion:163 Resp: 484431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.5 | 5.3 |
| 164 | 10.0 | 8.2 | 12.4 |

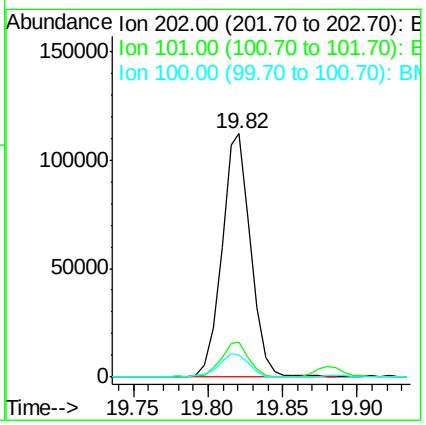


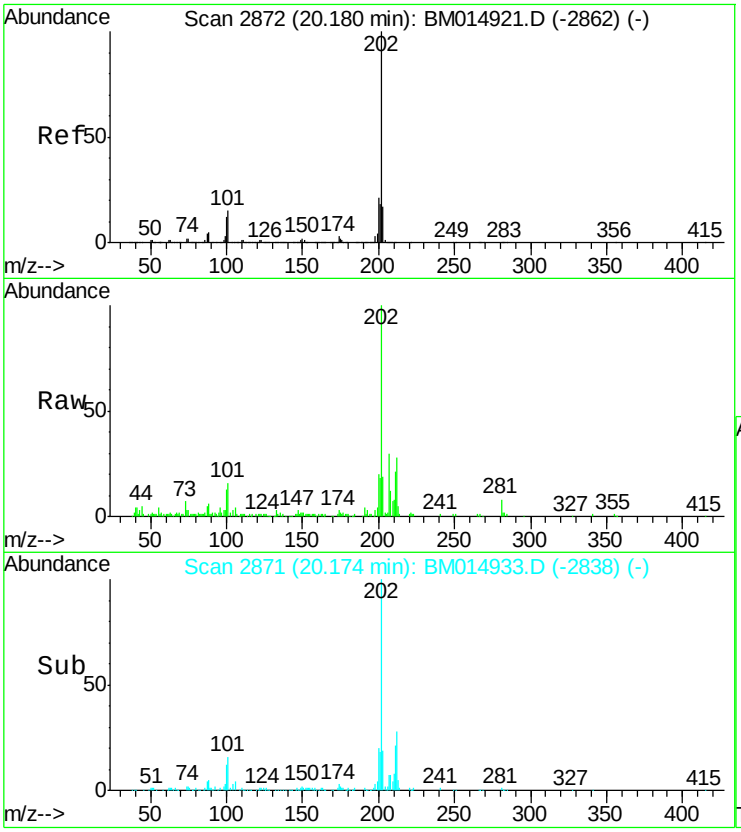




#74
Fluoranthene
Concen: 1.604 ng/ul
RT: 19.82 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

Tgt Ion:202 Resp: 151466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.3 | 4.6 | 7.0# |
| 100 | 9.1 | 3.4 | 5.2# |



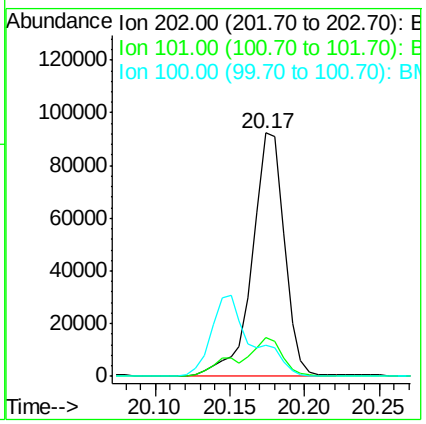


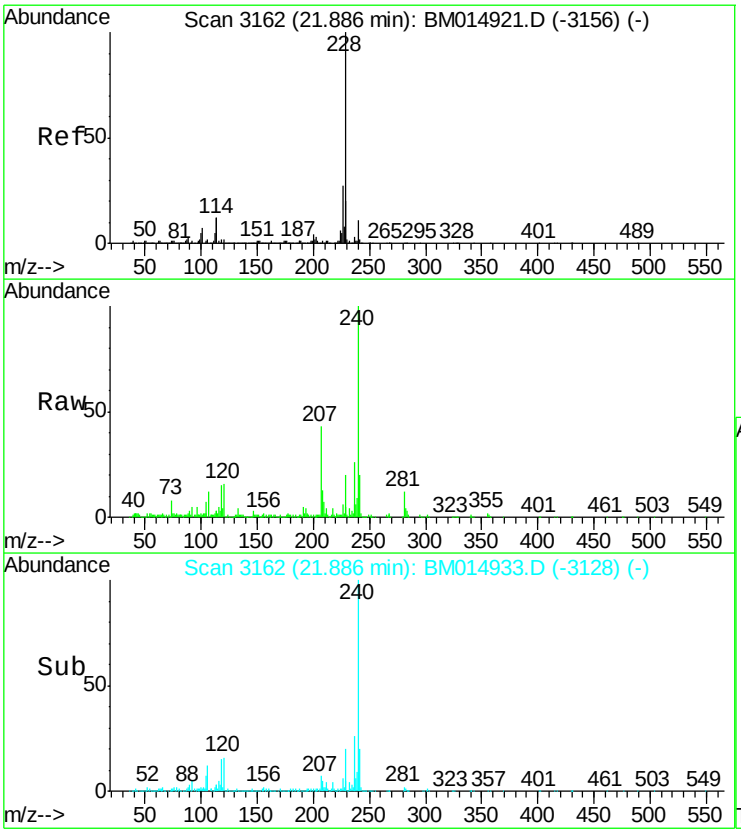

#77
Pyrene
Concen: 1.600 ng/ul
RT: 20.17 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

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

Tgt Ion:202 Resp: 137489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.2 | 5.1 | 7.7# |
| 100 | 12.7 | 4.9 | 7.3# |

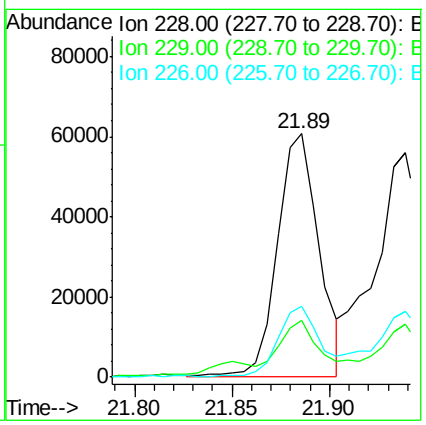


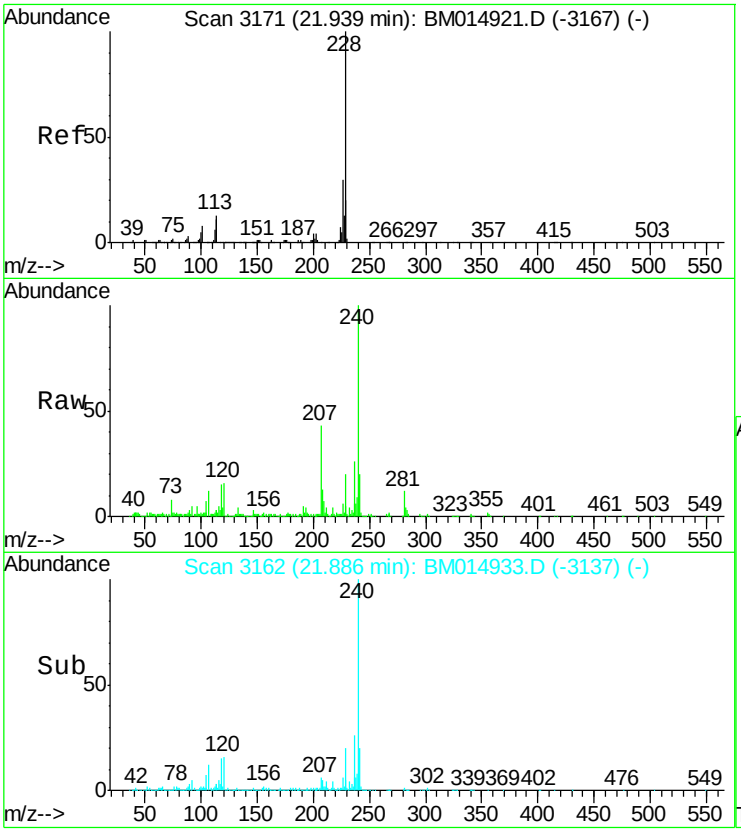




#80
Benzo(a)anthracene
Concen: 1.040 ng/ul
RT: 21.89 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

Tgt Ion:228 Resp: 89436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 23.1 | 15.4 | 23.0# |
| 226 | 29.0 | 21.4 | 32.0 |



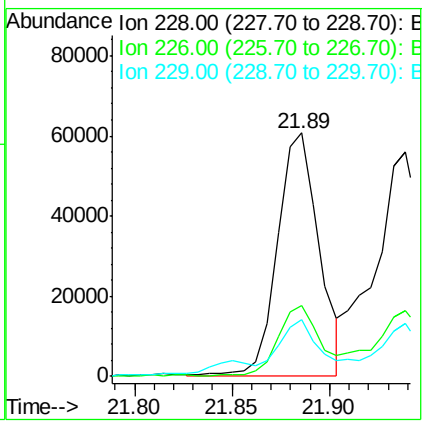


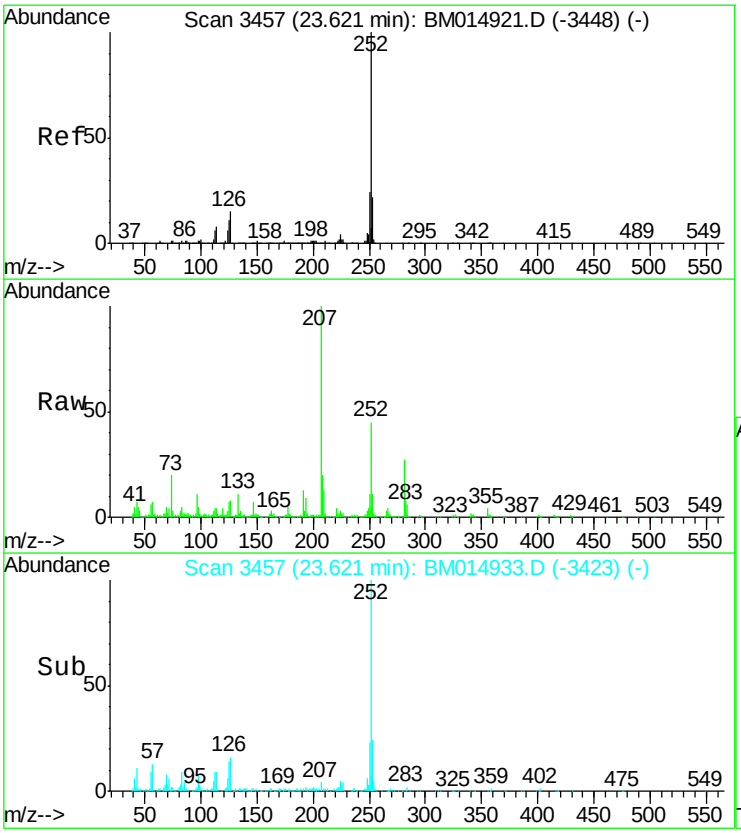

#82
Chrysene
Concen: 1.111 ng/ul
RT: 21.89 min Scan# 3162
Delta R.T. -0.05 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

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

Tgt Ion:228 Resp: 89436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.0 | 23.4 | 35.2 |
| 229 | 23.1 | 15.5 | 23.3 |

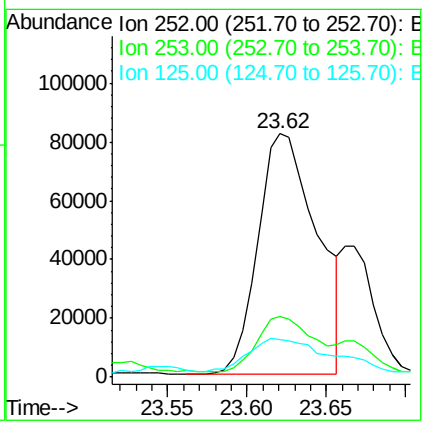


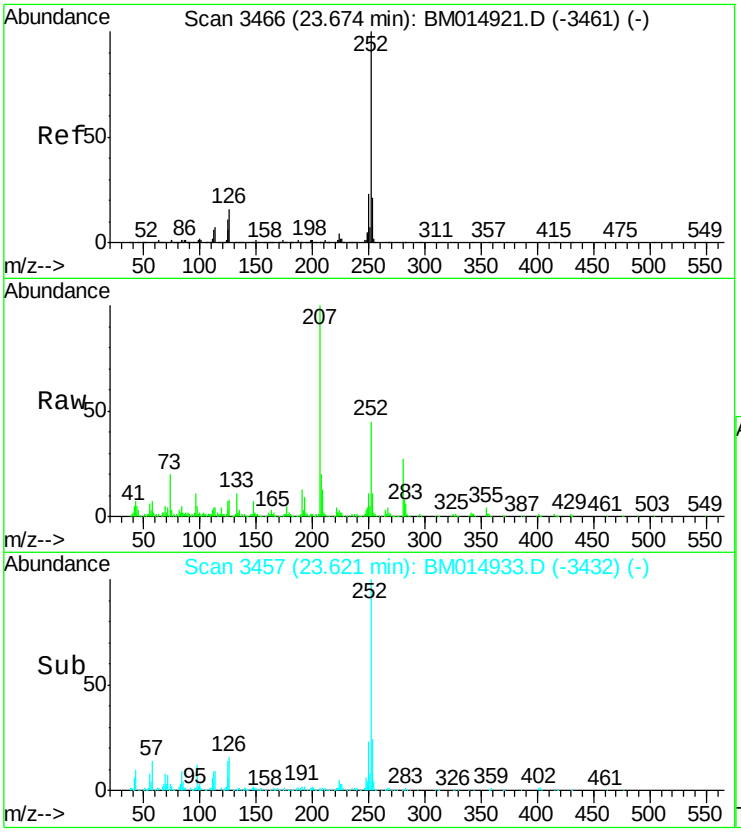




#85
Benzo(b)fluoranthene
Concen: 2.371 ng/ul
RT: 23.62 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

Tgt Ion:252 Resp: 212652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 17.9 | 26.9 |
| 125 | 15.6 | 3.6 | 5.4# |



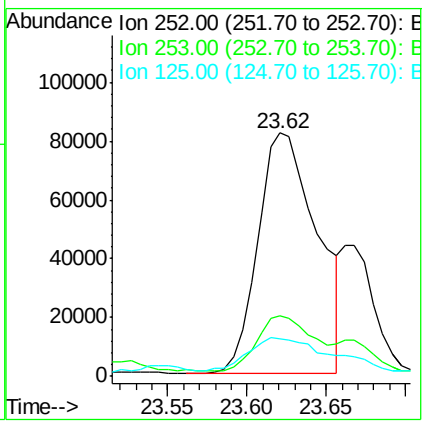


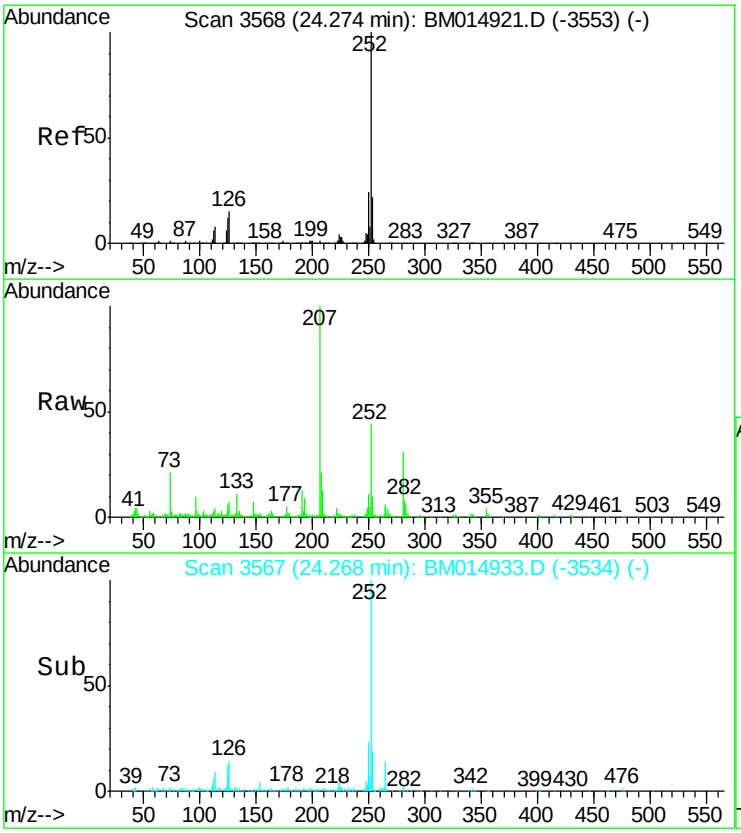

#86
Benzo(k)fluoranthene
Concen: 2.466 ng/ul
RT: 23.62 min Scan# 3457
Delta R.T. -0.05 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

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

Tgt Ion:252 Resp: 212652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 17.1 | 25.7 |
| 125 | 15.6 | 3.4 | 5.2# |

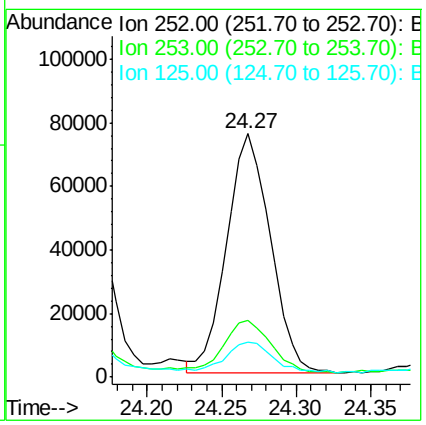


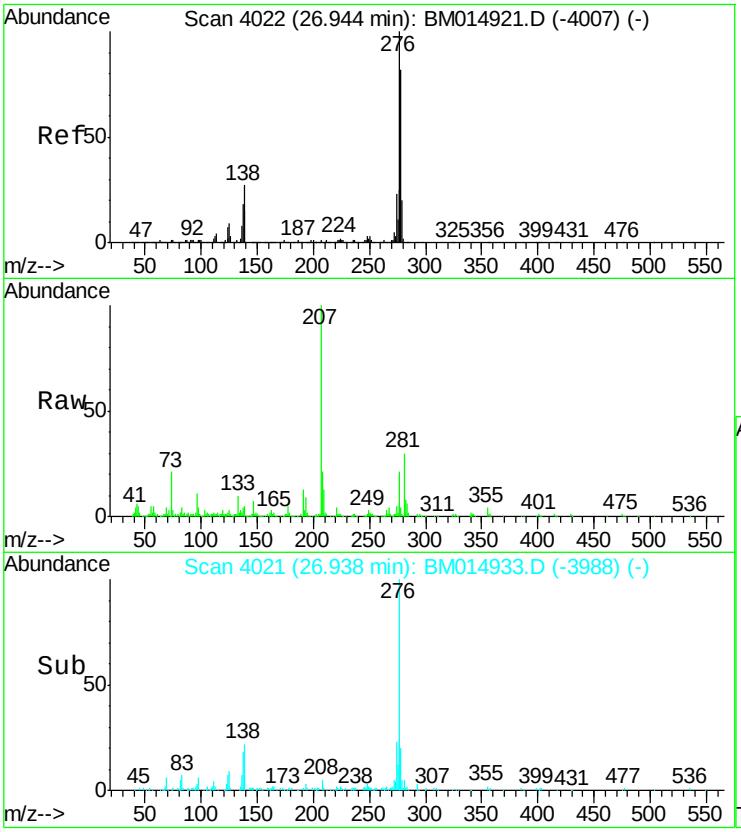




#88
Benzo(a)pyrene
Concen: 1.809 ng/ul
RT: 24.27 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

Tgt Ion:252 Resp: 153883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 18.2 | 27.2 |
| 125 | 14.4 | 4.0 | 6.0# |



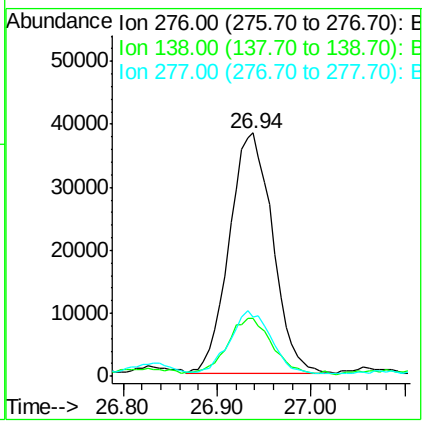


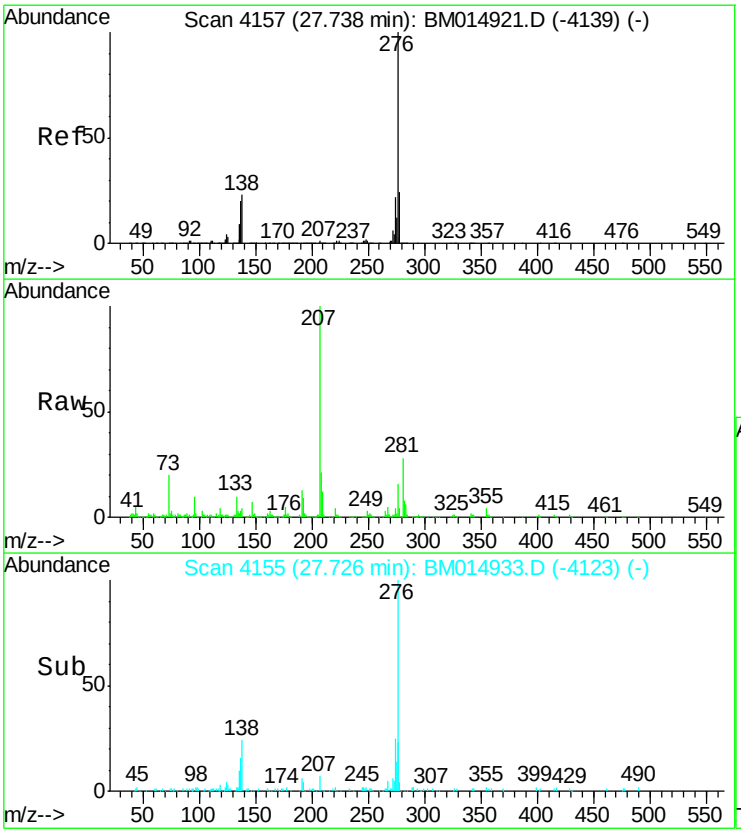

#89
Indeno(1,2,3-cd)pyrene
Concen: 1.184 ng/ul
RT: 26.94 min Scan# 4021
Delta R.T. -0.01 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

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

Tgt Ion:276 Resp: 121876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.9 | 9.3 | 13.9# |
| 277 | 24.1 | 19.9 | 29.9 |




#91
Benzo(g,h,i)perylene
Concen: 1.247 ng/ul
RT: 27.73 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM014933.D
Acq: 02 May 2018 21:32

Tgt Ion:276 Resp: 105559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.2 | 8.5 | 12.7# |
| 277 | 24.1 | 18.6 | 28.0 |