Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000347.D
Acq On : 13 Mar 2018 14:06
Operator : JU/SJ
Sample : J1864-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DAMH4

Quant Time: Mar 14 05:43:59 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 05:40:51 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.45 | 152 | 179047 | 20.00 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.29 | 136 | 867456 | 20.00 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 15.06 | 164 | 492757 | 20.00 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.79 | 188 | 1110901 | 20.00 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.90 | 240 | 1253907 | 20.00 | ng/ul | 0.00 |
| 22) Perylene-d12 | 24.39 | 264 | 1180183 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 7) Acenaphthylene-d8 | 14.76 | 160 | 1608291 | 32.88 | ng/ul | 0.00 |
| 10) Fluorene-d10 | 16.05 | 176 | 1049725 | 31.70 | ng/ul | 0.00 |
| 14) Anthracene-d10 | 17.88 | 188 | 1691220 | 32.58 | ng/ul | 0.00 |
| 18) Pyrene-d10 | 20.13 | 212 | 1948351 | 31.76 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.23 | 264 | 1776500 | 32.96 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 13) Phenanthrene | 17.83 | 178 | 70222 | 1.102 | ng/ul | 99 |
| 15) Anthracene | 17.83 | 178 | 70060 | 1.084 | ng/ul | 99 |
| 16) Fluoranthene | 19.80 | 202 | 111493 | 1.620 | ng/ul# | 94 |
| 19) Pyrene | 20.16 | 202 | 101282 | 1.279 | ng/ul# | 91 |
| 23) Benzo(b)fluoranthene | 23.63 | 252 | 77660 | 1.104 | ng/ul# | 83 |

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

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Quant Title : SVOA CALIBRATION
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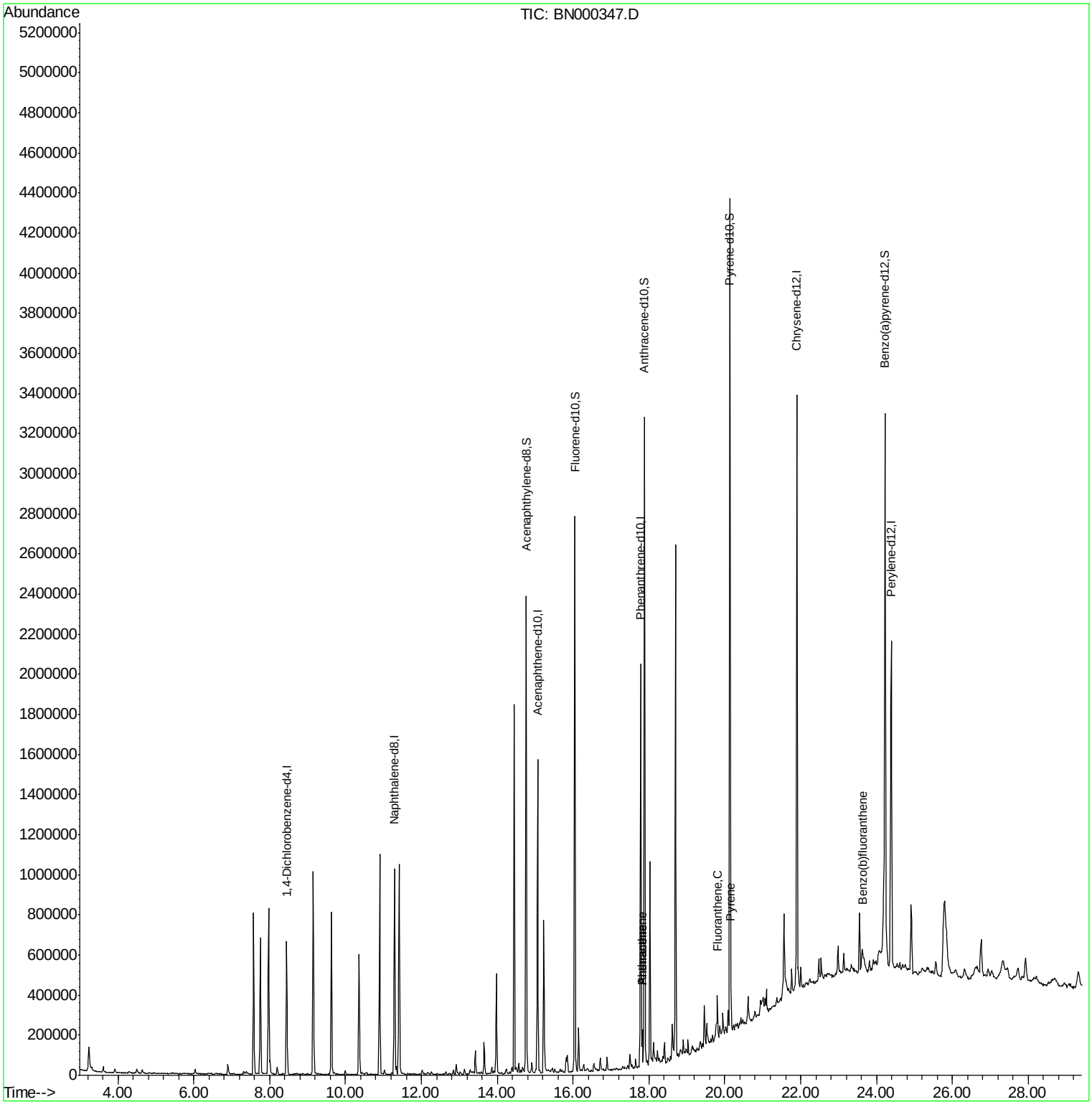
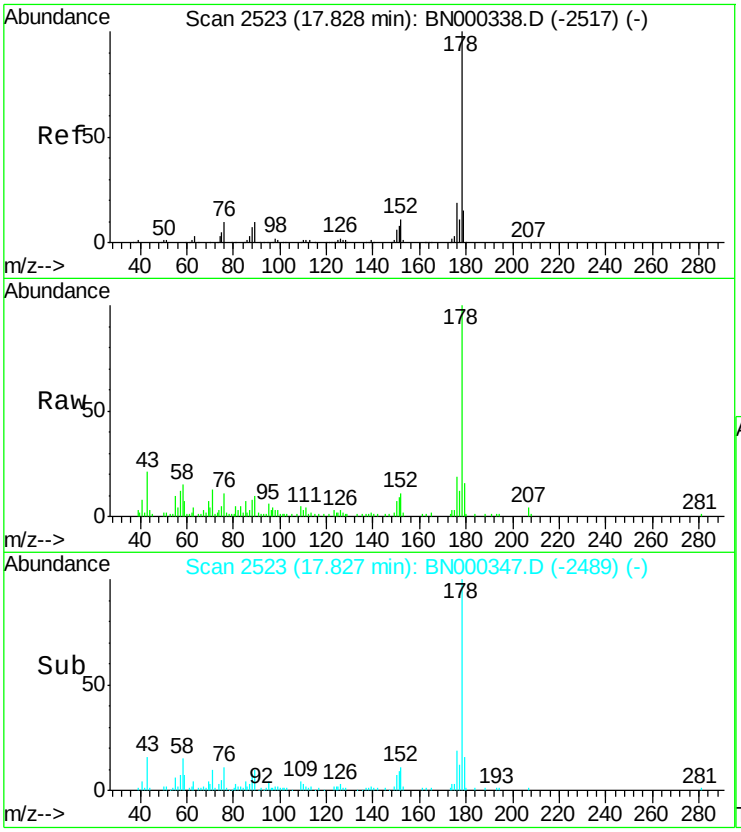
Response via : Initial Calibration



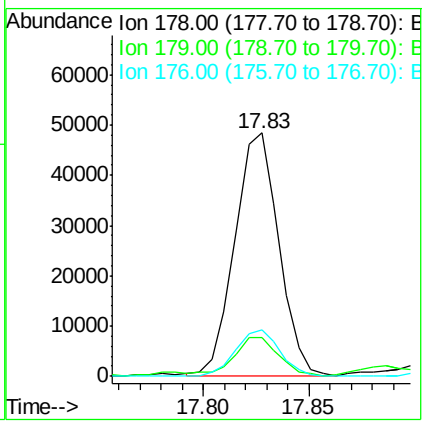


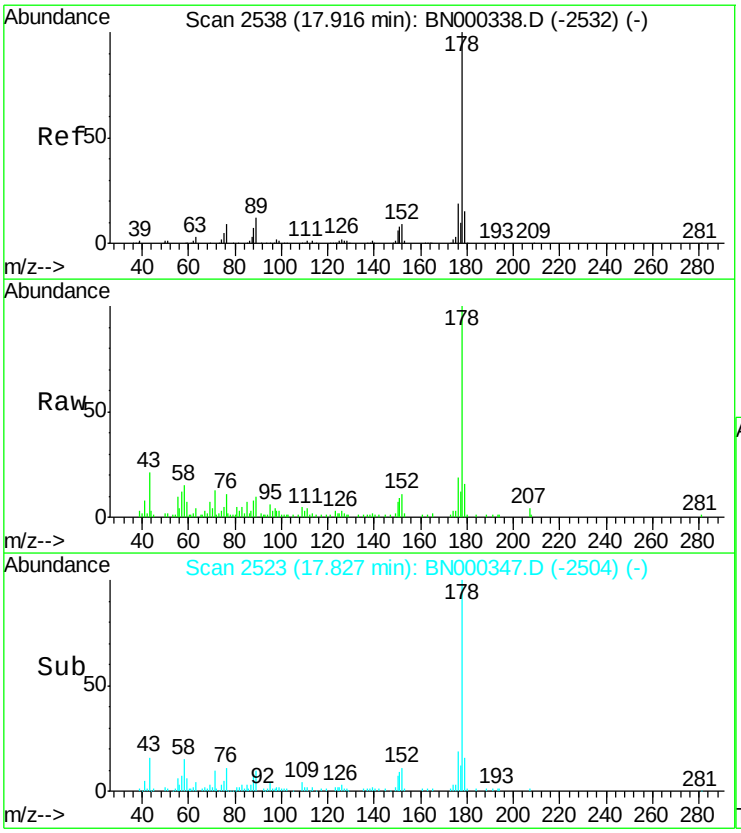

#13
Phenanthrene
Concen: 1.102 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000347.D
Acq: 13 Mar 2018 14:06

**Instrument :**
BNA_N
**ClientSampleId :**
DAMH4

Tgt Ion:178 Resp: 70222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.0 | 12.3 | 18.5 |
| 176 | 19.0 | 15.1 | 22.7 |

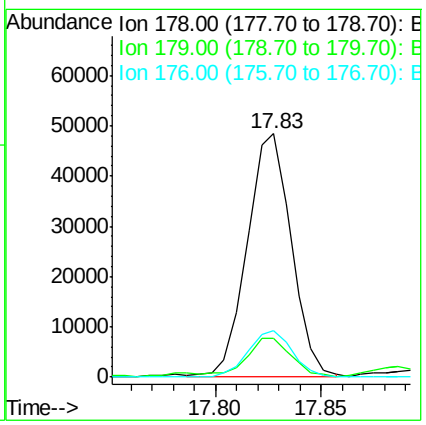


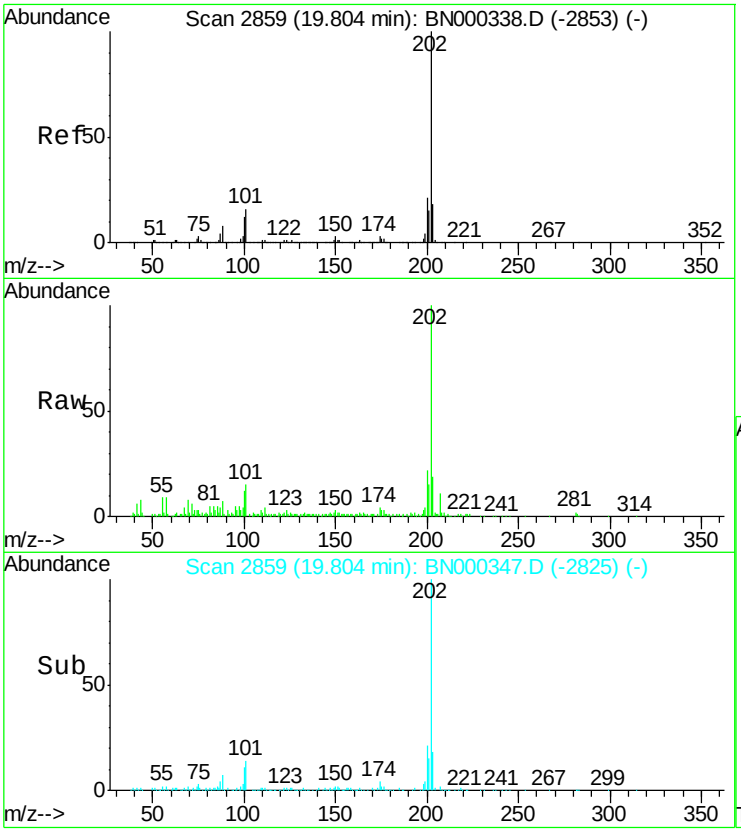




#15
Anthracene
Concen: 1.084 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.09 min
Lab File: BN000347.D
Acq: 13 Mar 2018 14:06

Tgt Ion:178 Resp: 70060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.0 | 11.8 | 17.8 |
| 176 | 19.0 | 15.2 | 22.8 |



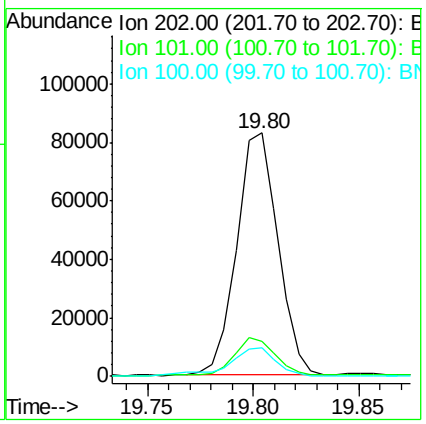


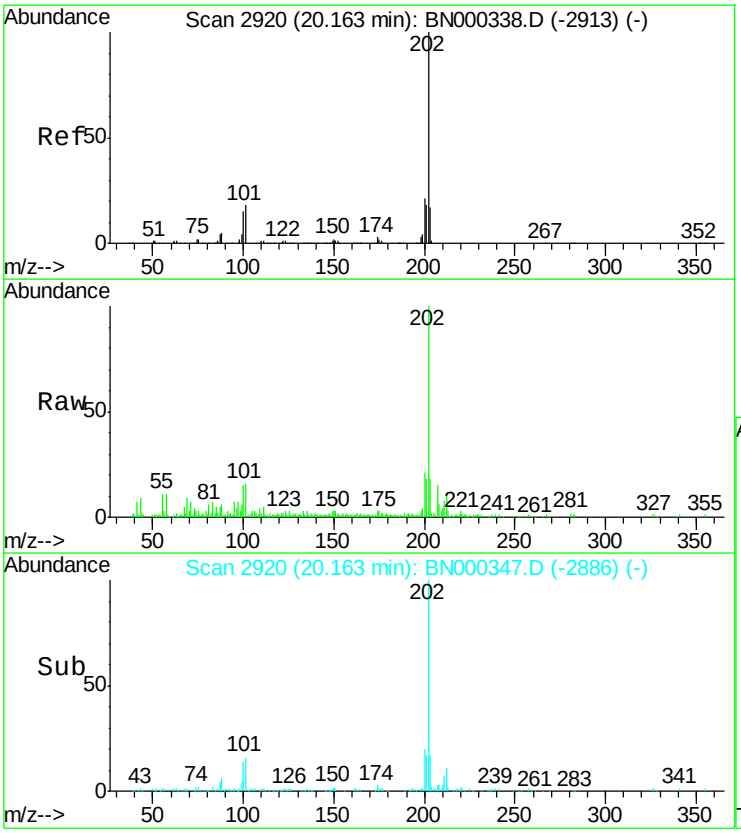

#16
Fluoranthene
Concen: 1.620 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000347.D
Acq: 13 Mar 2018 14:06

**Instrument :**
BNA_N
**ClientSampleId :**
DAMH4

Tgt Ion:202 Resp: 111493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.6 | 9.9 | 14.9 |
| 100 | 11.6 | 7.4 | 11.0# |

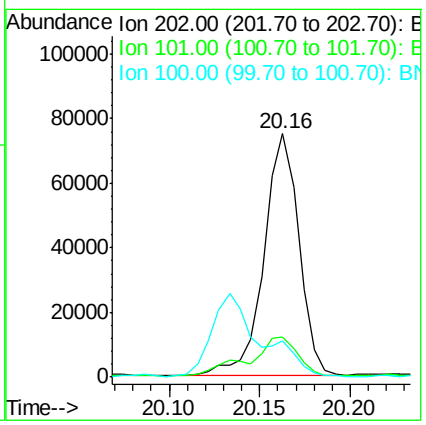


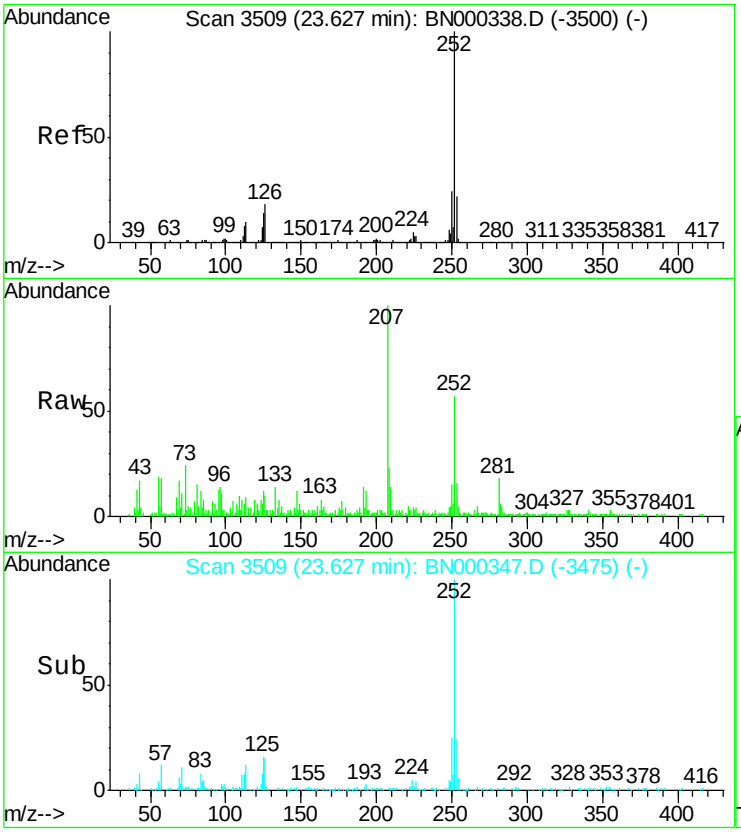




#19
Pyrene
Concen: 1.279 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. -0.00 min
Lab File: BN000347.D
Acq: 13 Mar 2018 14:06

Tgt Ion:202 Resp: 101282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.5 | 11.0 | 16.4# |
| 100 | 14.8 | 8.1 | 12.1# |






#23
Benzo(b)fluoranthene
Concen: 1.104 ng/ul
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BN000347.D
Acq: 13 Mar 2018 14:06

**Instrument :**
BNA_N
**ClientSampleId :**
DAMH4

Tgt Ion:252 Resp: 77660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.0 | 18.0 | 27.0# |
| 125 | 21.0 | 8.0 | 12.0# |