Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030320\

Quantitation Report (Not Reviewed)

Data File : BM025233.D
Acq On : 04 Mar 2020 03:52
Operator : CG/JU
Sample : L1542-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBD52

Quant Time: Mar 04 04:30:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 00:52:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 6789 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.44 | 136 | 29576 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.31 | 164 | 21436 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.05 | 188 | 51650 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.23 | 240 | 49490 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.42 | 264 | 47702 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.04 | 152 | 11933 | 0.22 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.08 | 212 | 36920 | 0.22 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 12) Phenanthrene | 17.09 | 178 | 4270 | 0.026 | ng/ul | 99 |
| 15) Fluoranthene | 19.11 | 202 | 6685 | 0.032 | ng/ul | 98 |
| 17) Pyrene | 19.47 | 202 | 5351 | 0.029 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 22.77 | 252 | 5543 | 0.029 | ng/ul | 64 |
| 22) Benzo(k)fluoranthene | 22.77 | 252 | 5543 | 0.028 | ng/ul# | 62 |

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

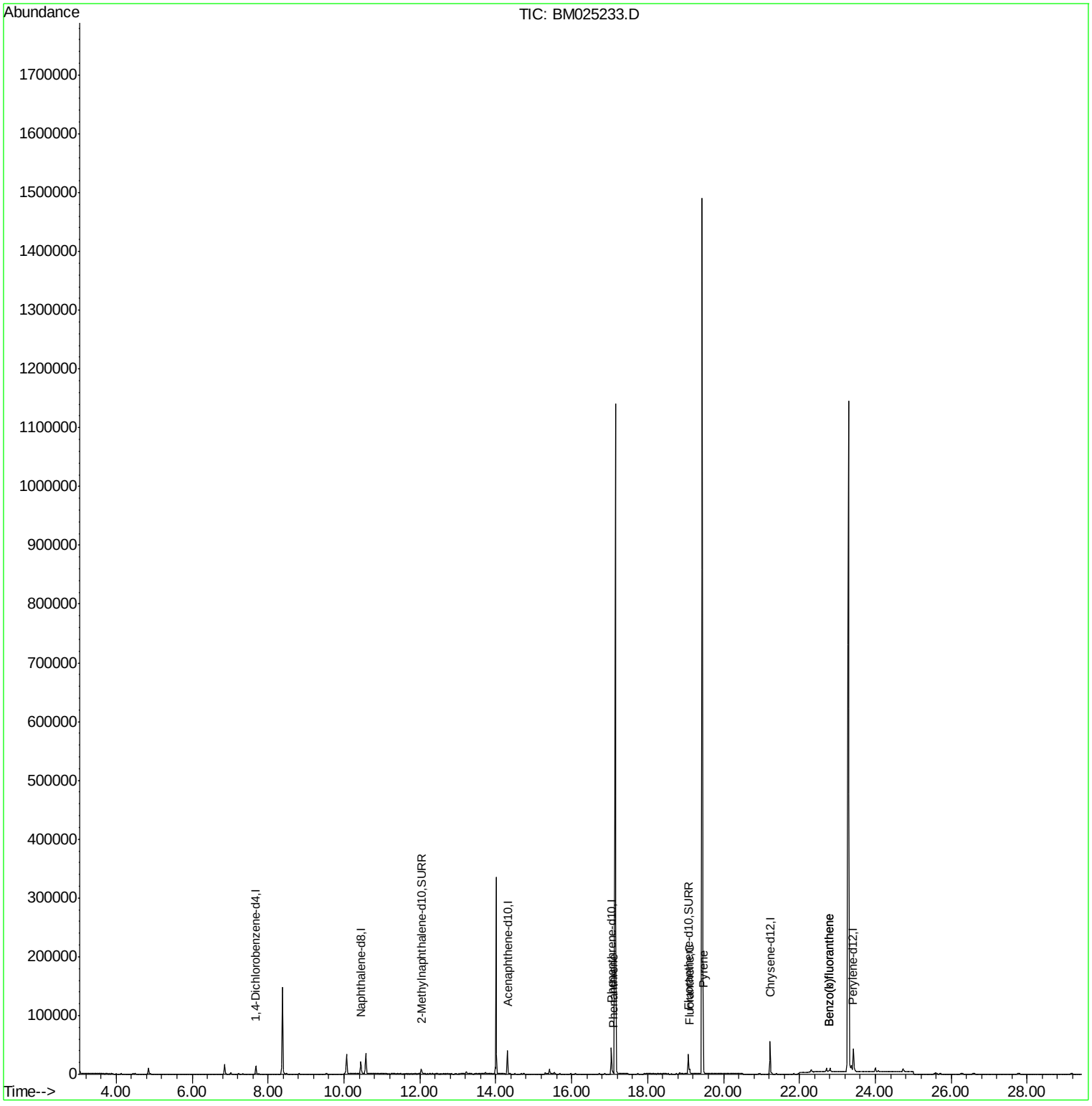
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030320\

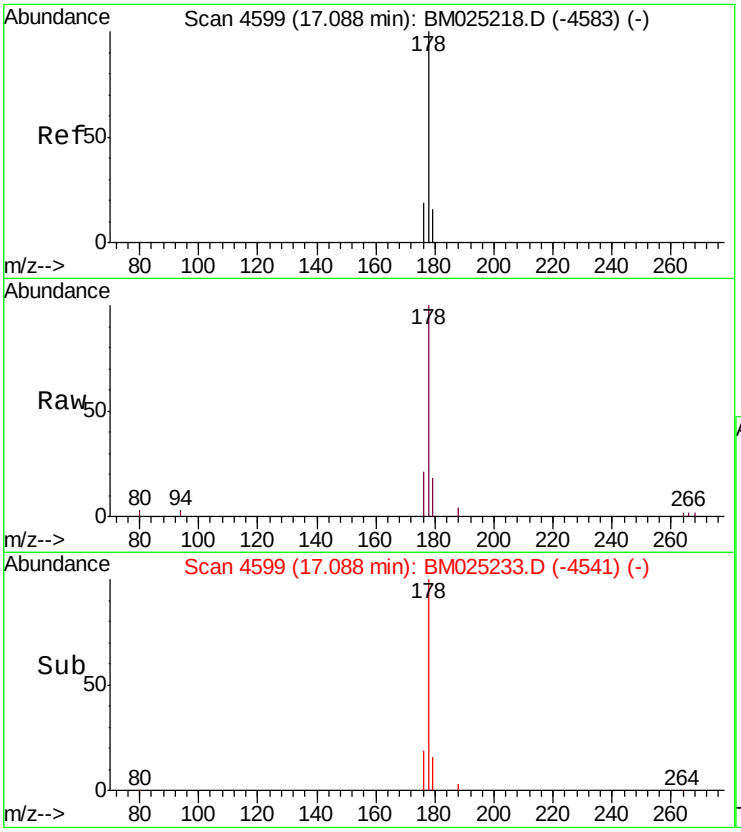
Quantitation Report (Not Reviewed)

Data File : BM025233.D
Acq On : 04 Mar 2020 03:52
Operator : CG/JU
Sample : L1542-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBD52

Quant Time: Mar 04 04:30:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 00:52:51 2020
Response via : Initial Calibration



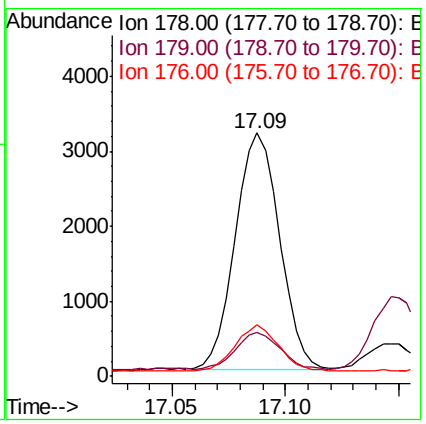


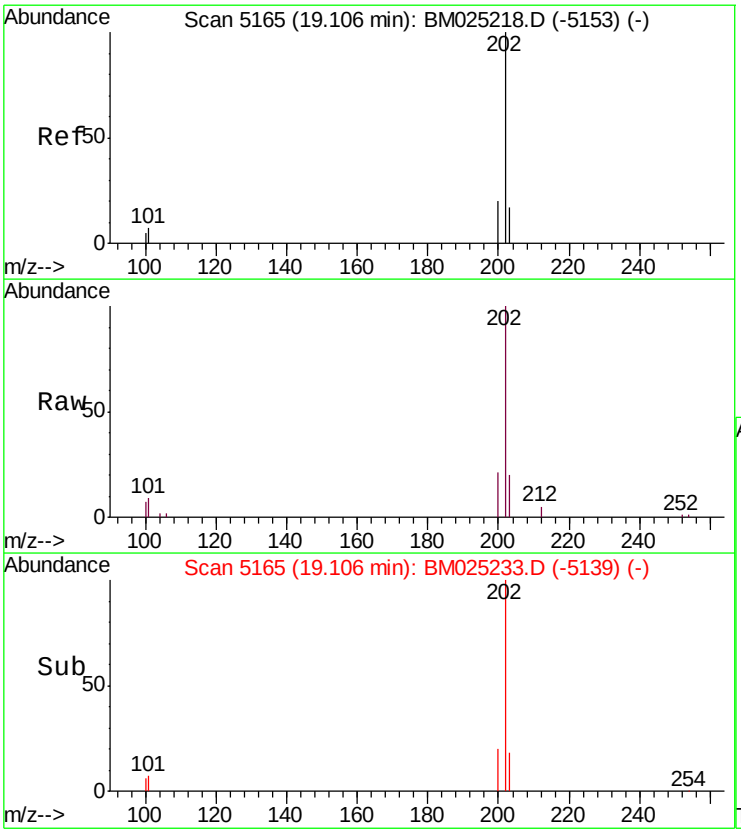

#12
Phenanthrene
Concen: 0.026 ng/ul
RT: 17.09 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BM025233.D
Acq: 04 Mar 2020 03:52

**Instrument :**
BNA_M
**ClientSampleId :**
DBD52

Tgt Ion:178 Resp: 4270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 18.1 | 14.0 | 21.0 |
| 176 | 21.0 | 16.6 | 24.8 |

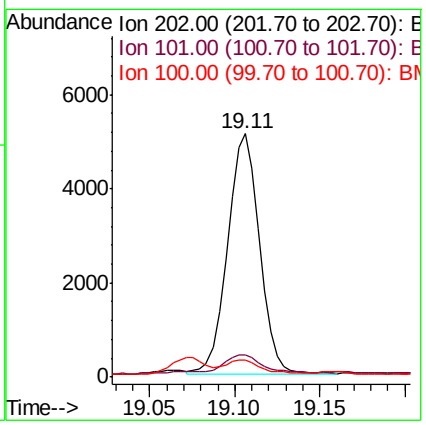


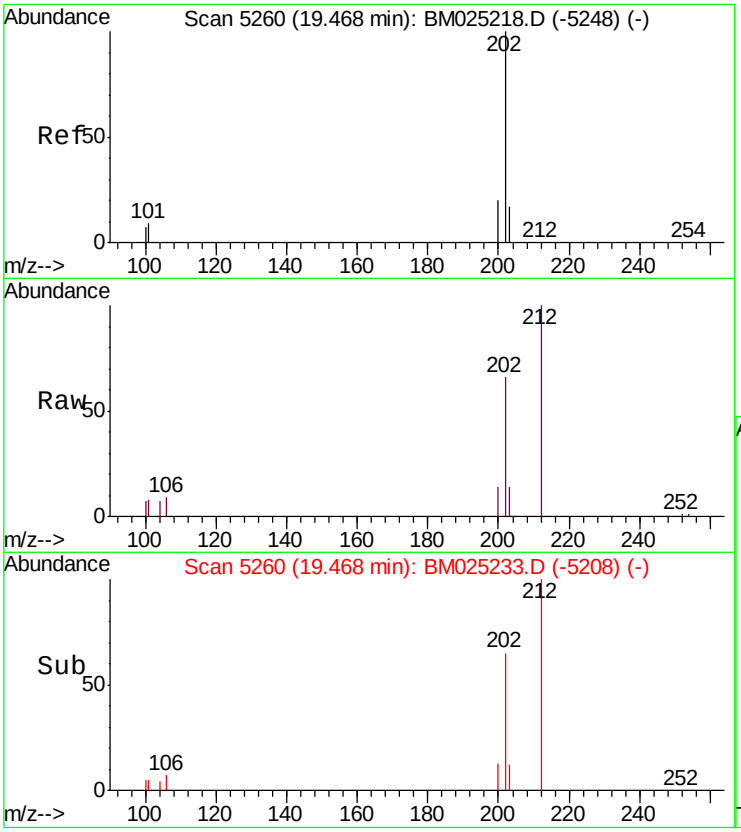




#15
Fluoranthene
Concen: 0.032 ng/ul
RT: 19.11 min Scan# 5165
Delta R.T. -0.00 min
Lab File: BM025233.D
Acq: 04 Mar 2020 03:52

Tgt Ion:202 Resp: 6685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.9 | 0.0 | 29.4 |
| 100 | 7.2 | 0.0 | 28.0 |



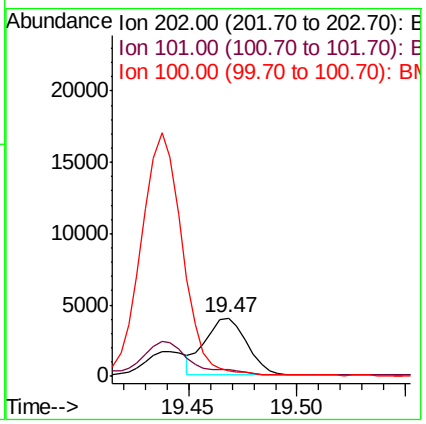


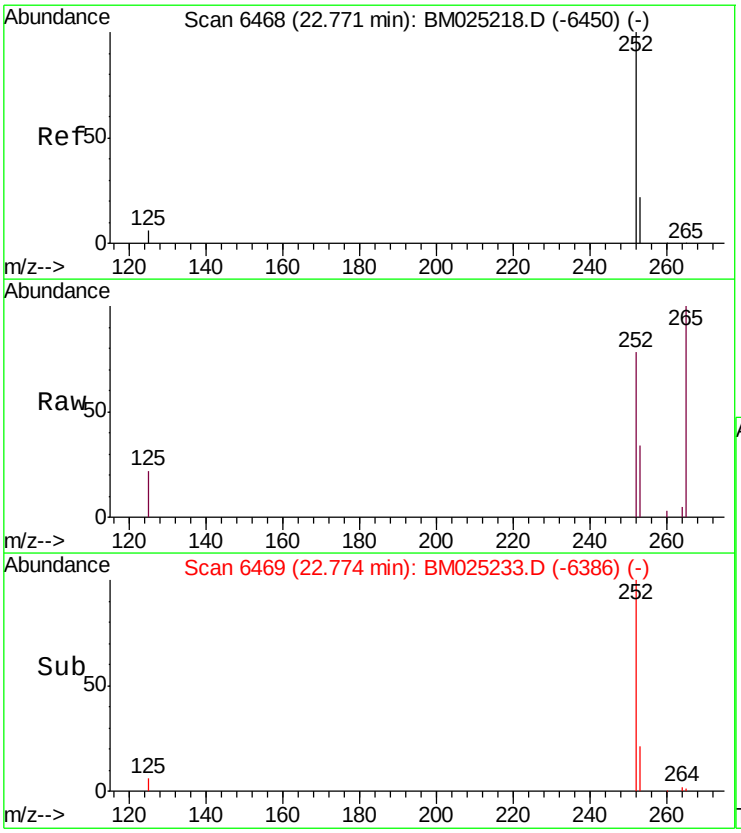

#17
Pyrene
Concen: 0.029 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.00 min
Lab File: BM025233.D
Acq: 04 Mar 2020 03:52

**Instrument :**
BNA_M
**ClientSampleId :**
DBD52

Tgt Ion:202 Resp: 5351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.5 | 8.7 | 13.1 |
| 100 | 10.2 | 7.3 | 10.9 |

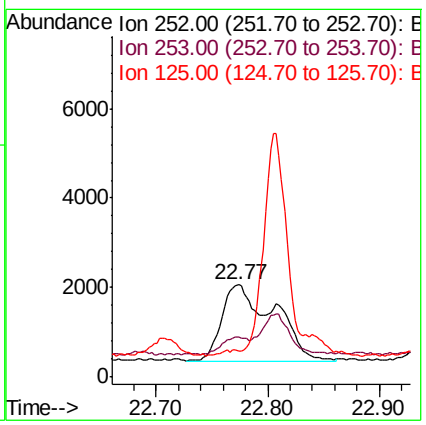


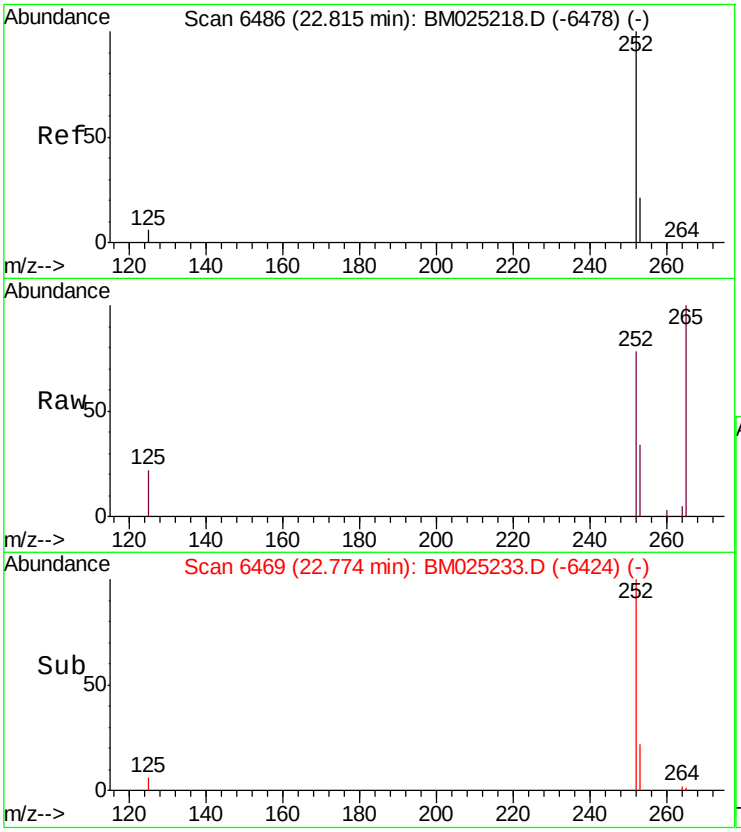




#21
Benzo(b)fluoranthene
Concen: 0.029 ng/ul
RT: 22.77 min Scan# 6469
Delta R.T. 0.00 min
Lab File: BM025233.D
Acq: 04 Mar 2020 03:52

Tgt Ion:252 Resp: 5543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 43.1 | 0.0 | 49.8 |
| 125 | 28.6 | 0.0 | 28.6 |






#22
Benzo(k)fluoranthene
Concen: 0.028 ng/ul
RT: 22.77 min Scan# 6469
Delta R.T. -0.04 min
Lab File: BM025233.D
Acq: 04 Mar 2020 03:52

**Instrument :**
BNA_M
**ClientSampleId :**
DBD52

Tgt Ion:252 Resp: 5543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 43.1 | 19.4 | 29.0# |
| 125 | 28.6 | 10.7 | 16.1# |