Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052419\

Quantitation Report (Not Reviewed)

Data File : BM020563.D
Acq On : 25 May 2019 04:32
Operator : JU/SJ
Sample : K3008-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 25 06:45:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 86984 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.45 | 136 | 322675 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.32 | 164 | 231882 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.07 | 188 | 577229 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.26 | 240 | 458855 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 23.50 | 264 | 491110 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.25 | 112 | 193506 | 43.64 | ng | | 0.00 |
| 7) Phenol-d6 | 6.84 | 99 | 297298 | 44.42 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.83 | 82 | 203774 | 26.51 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.82 | 330 | 140858 | 30.32 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.93 | 172 | 532033 | 28.79 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.70 | 244 | 888725 | 35.01 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 50) Dimethylphthalate | 13.78 | 163 | 70975 | 3.456 | ng | | 98 |
| 71) Phenanthrene | 17.12 | 178 | 222599 | 7.099 | ng | | 99 |
| 75) Fluoranthene | 19.13 | 202 | 415768 | 9.534 | ng | | 100 |
| 78) Pyrene | 19.50 | 202 | 355528 | 12.342 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.25 | 228 | 173555 | 5.465 | ng | | 96 |
| 83) Chrysene | 21.25 | 228 | 173427 | 5.652 | ng | | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 25.77 | 276 | 114561 | 3.088 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 22.83 | 252 | 292122 | 9.088 | ng | # | 92 |
| 89) Benzo(k)fluoranthene | 22.83 | 252 | 296597 | 9.507 | ng | # | 93 |
| 90) Benzo(a)pyrene | 23.40 | 252 | 157867 | 5.337 | ng | # | 91 |
| 92) Benzo(g,h,i)perylene | 26.47 | 276 | 116750 | 4.160 | ng | | 96 |

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

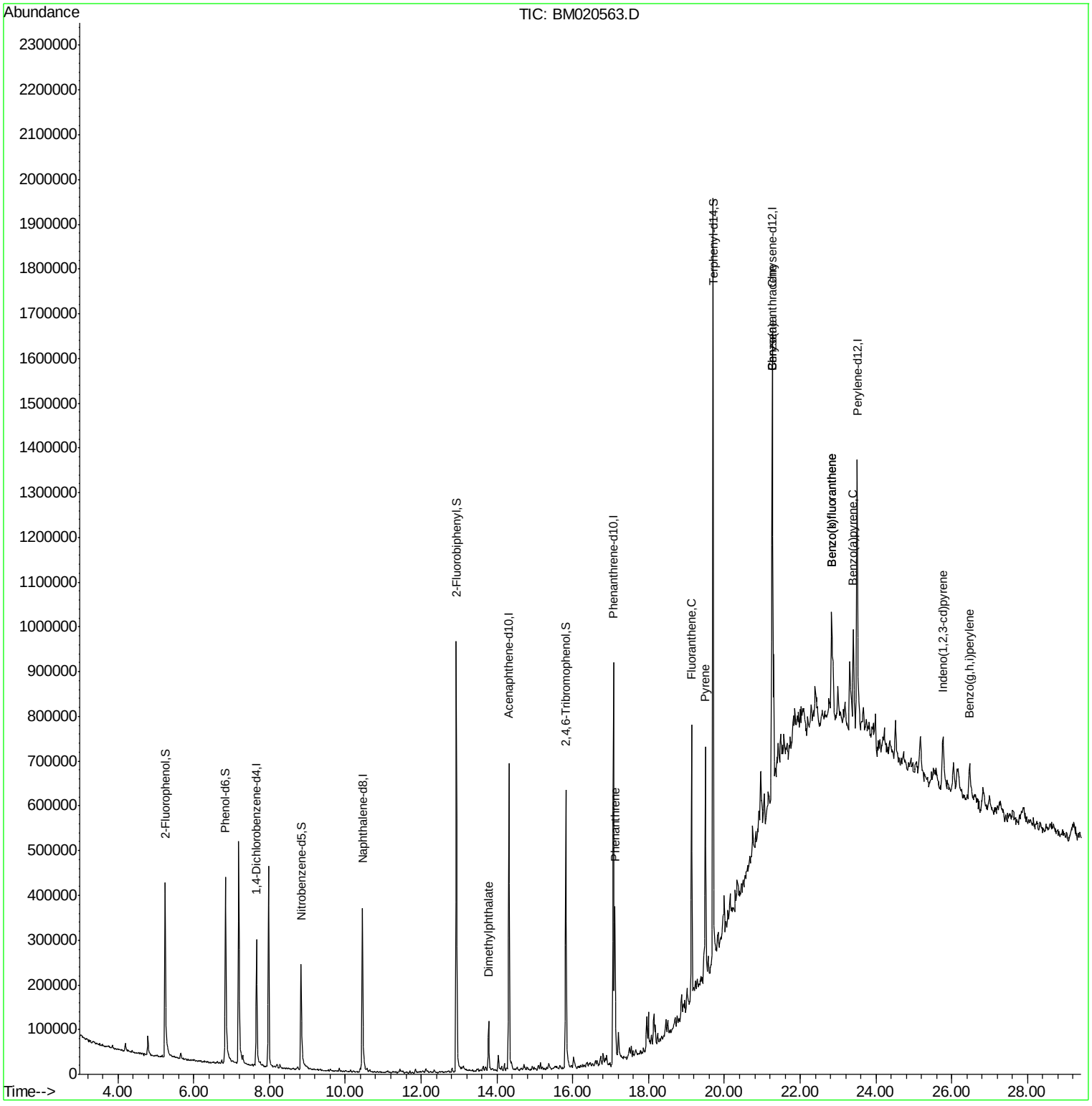
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052419\

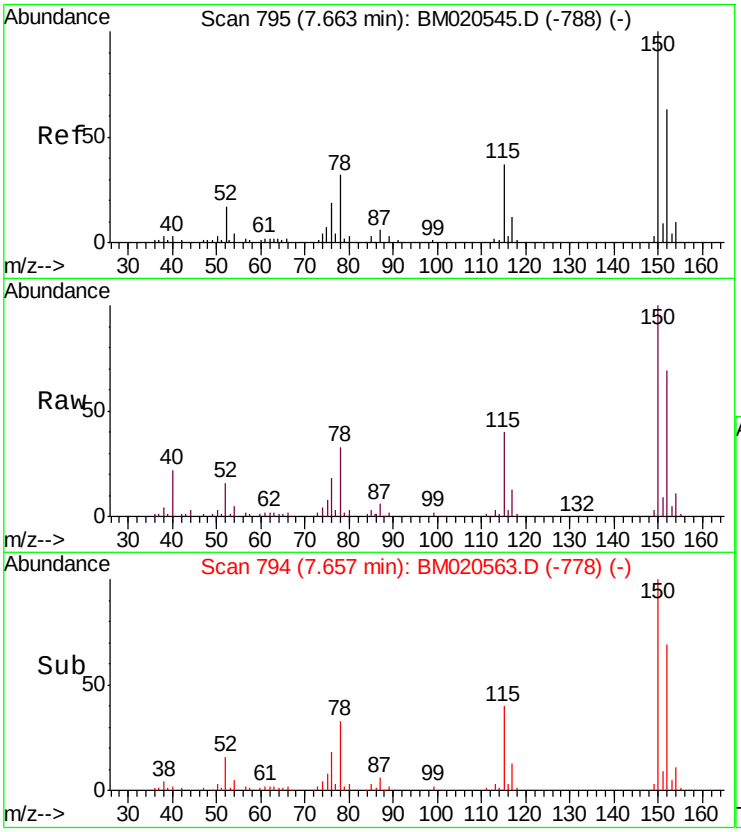
Quantitation Report (Not Reviewed)

Data File : BM020563.D
Acq On : 25 May 2019 04:32
Operator : JU/SJ
Sample : K3008-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 25 06:45:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration



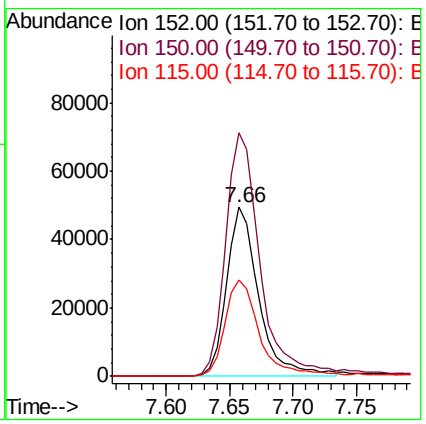


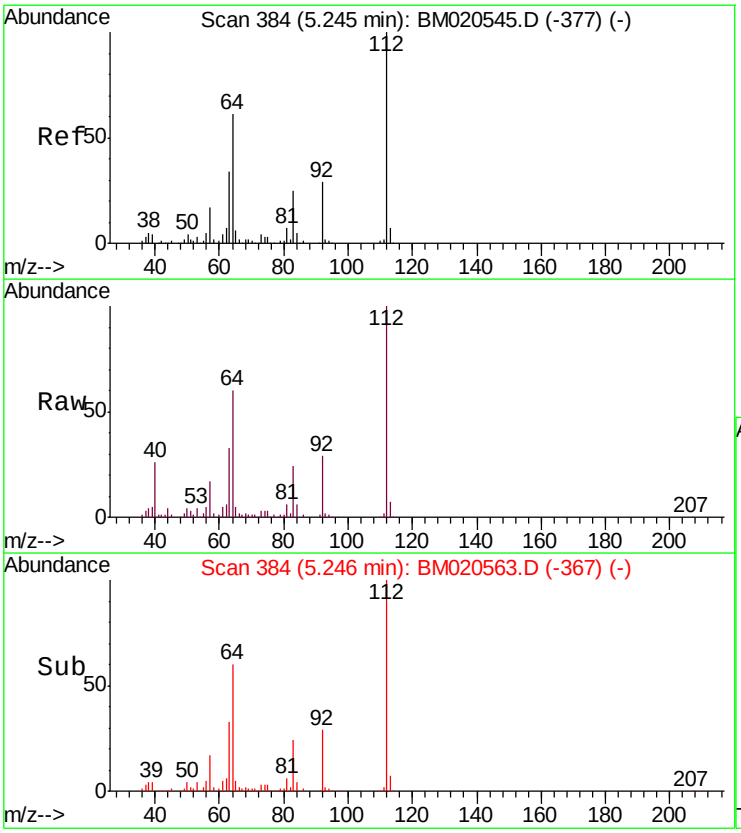

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:152 Resp: 86984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.0 | 126.6 | 190.0 |
| 115 | 57.0 | 46.6 | 70.0 |

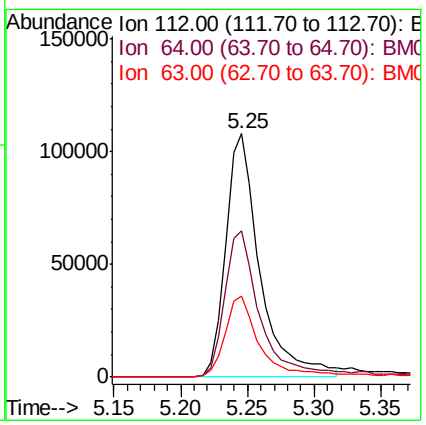


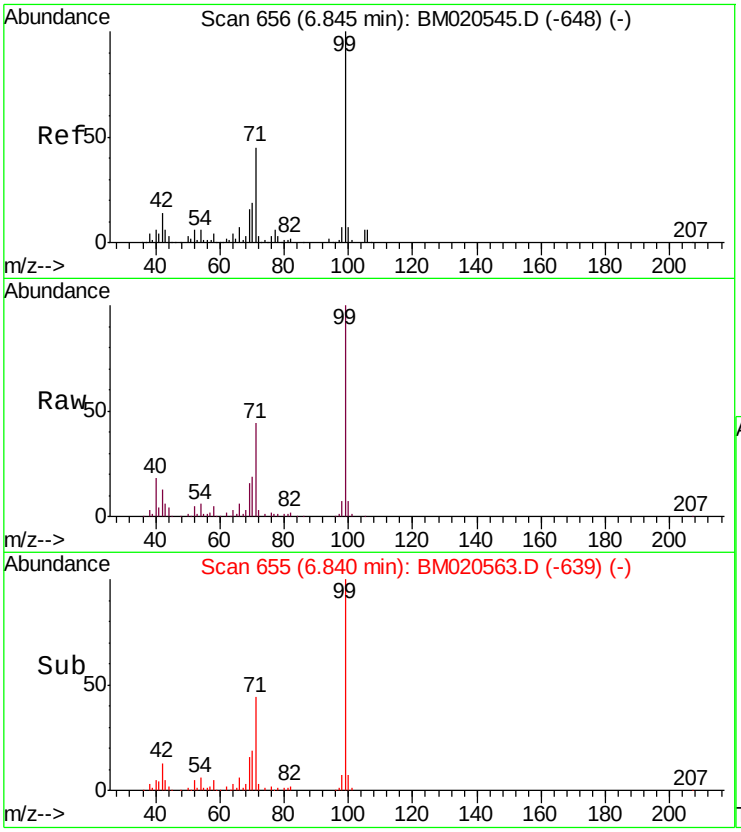




#5
2-Fluorophenol
Concen: 43.643 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:112 Resp: 193506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.9 | 48.6 | 73.0 |
| 63 | 33.2 | 27.4 | 41.0 |



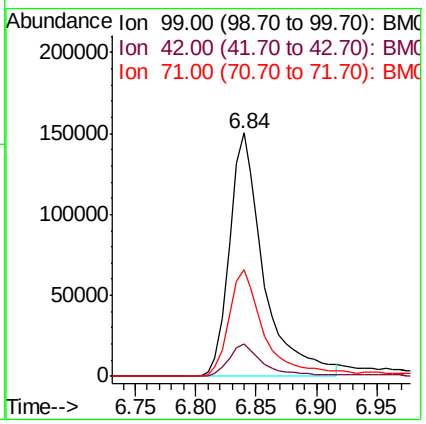


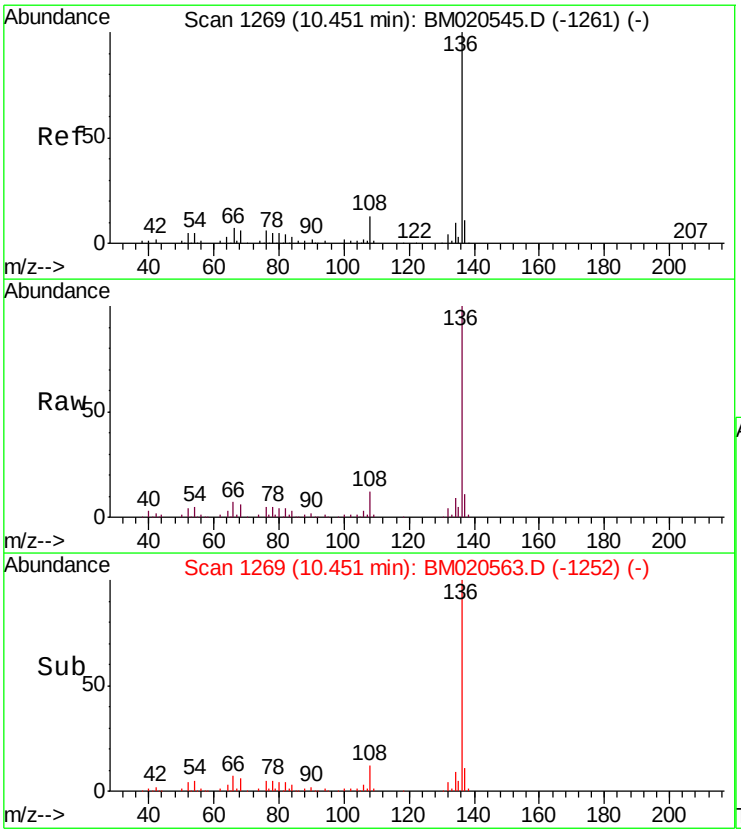

#7
Phenol-d6
Concen: 44.424 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion: 99 Resp: 297298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.1 | 10.8 | 16.2 |
| 71 | 43.7 | 36.3 | 54.5 |

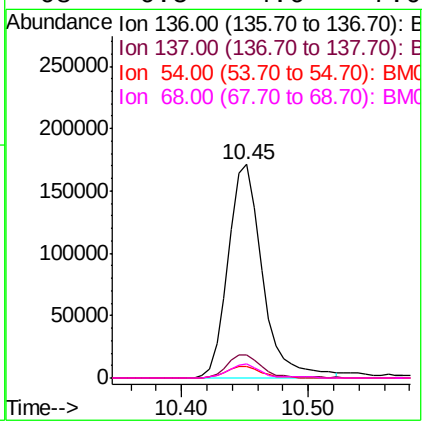


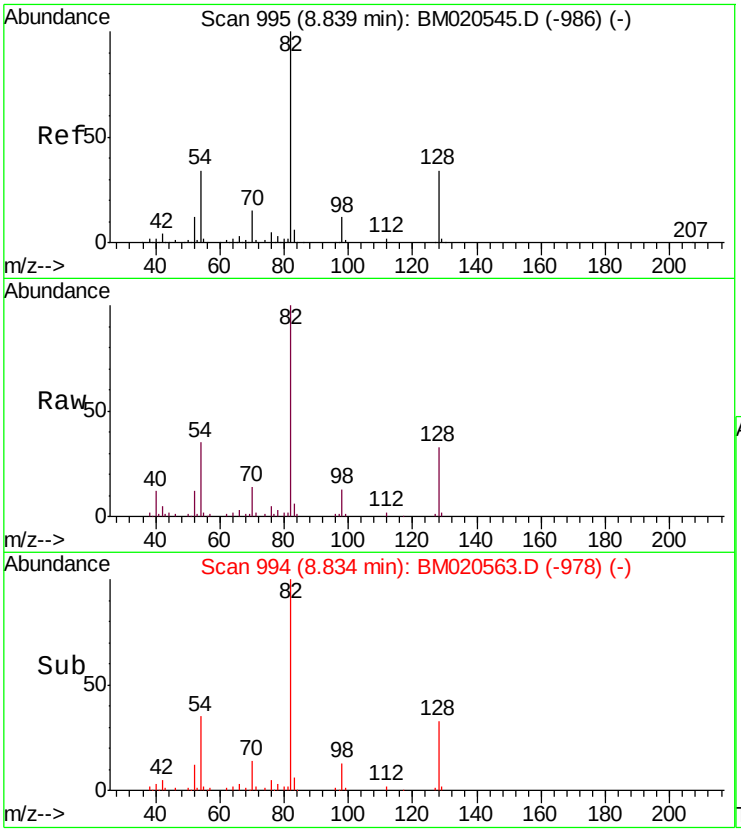




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:136 Resp: 322675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.4 | 12.6 |
| 54 | 5.2 | 4.2 | 6.4 |
| 68 | 6.5 | 4.6 | 7.0 |



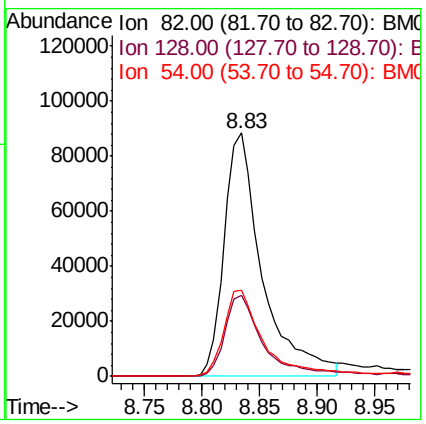


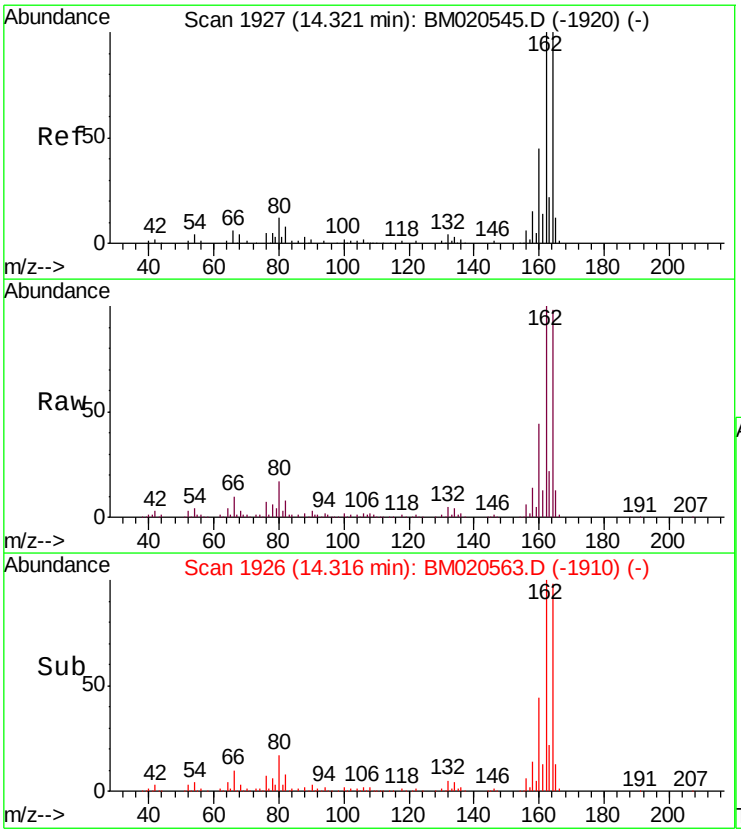

#23
Nitrobenzene-d5
Concen: 26.506 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion: 82 Resp: 203774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 33.1 | 27.0 | 40.4 |
| 54 | 35.2 | 27.4 | 41.2 |

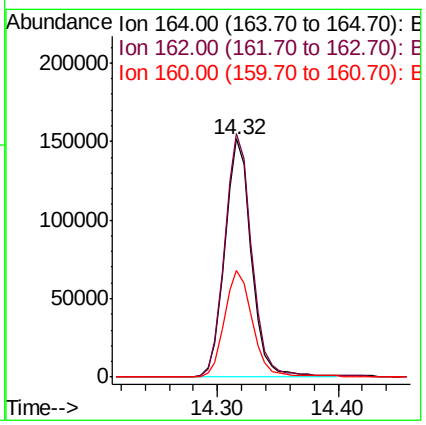


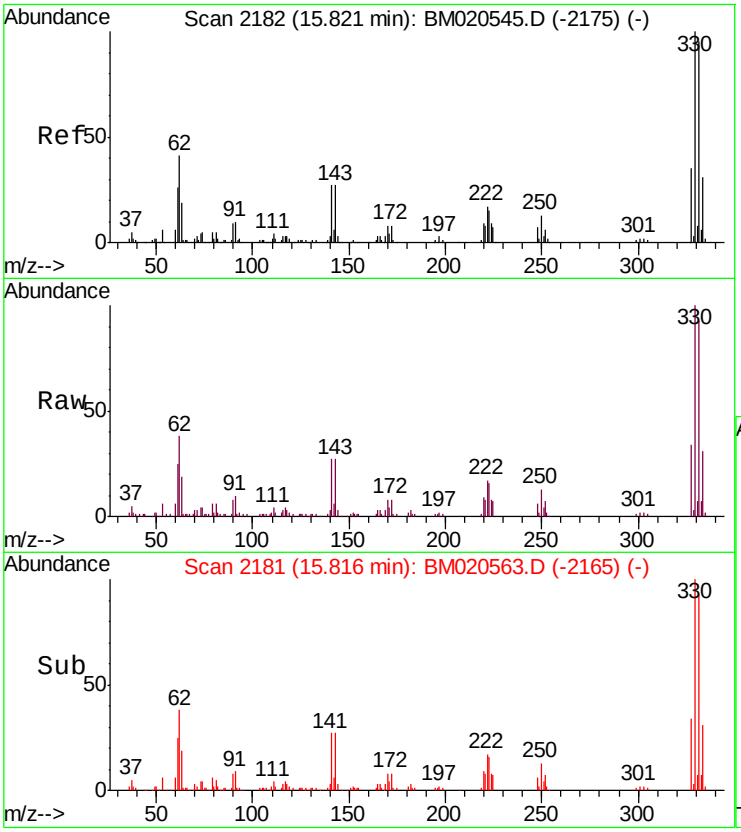




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:164 Resp: 231882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 79.8 | 119.8 |
| 160 | 44.9 | 35.9 | 53.9 |



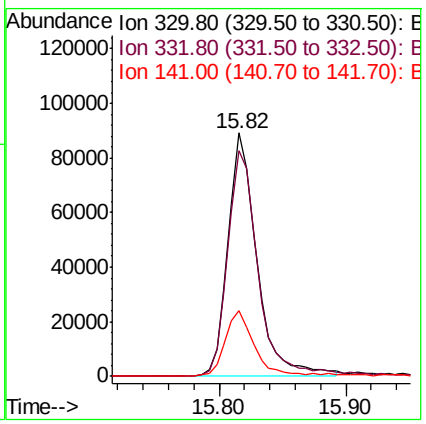


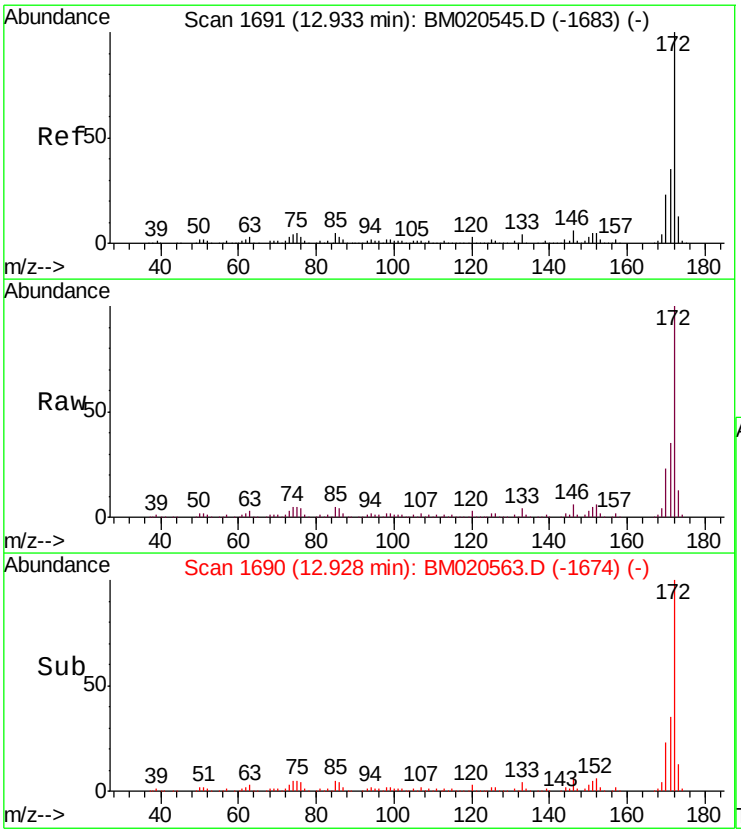

#42
2,4,6-Tribromophenol
Concen: 30.320 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:330 Resp: 140858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 77.5 | 116.3 |
| 141 | 26.9 | 21.7 | 32.5 |

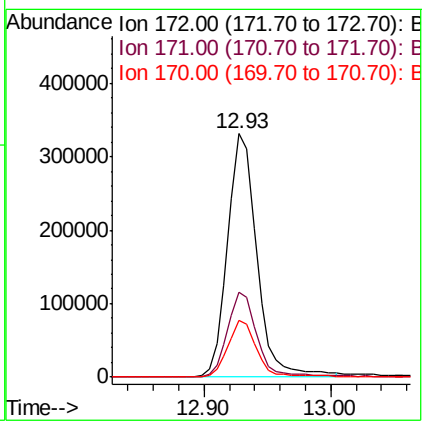


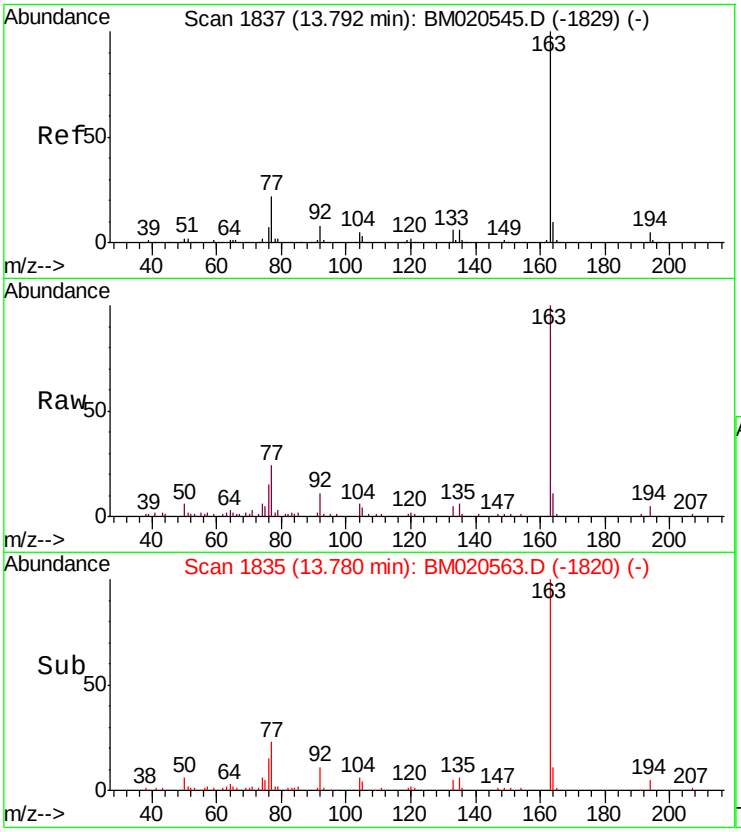




#45
2-Fluorobiphenyl
Concen: 28.790 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:172 Resp: 532033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 27.9 | 41.9 |
| 170 | 23.2 | 18.2 | 27.4 |



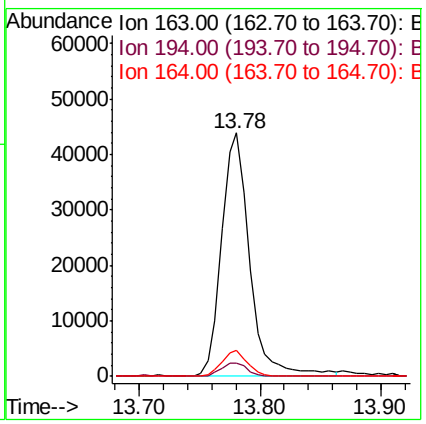


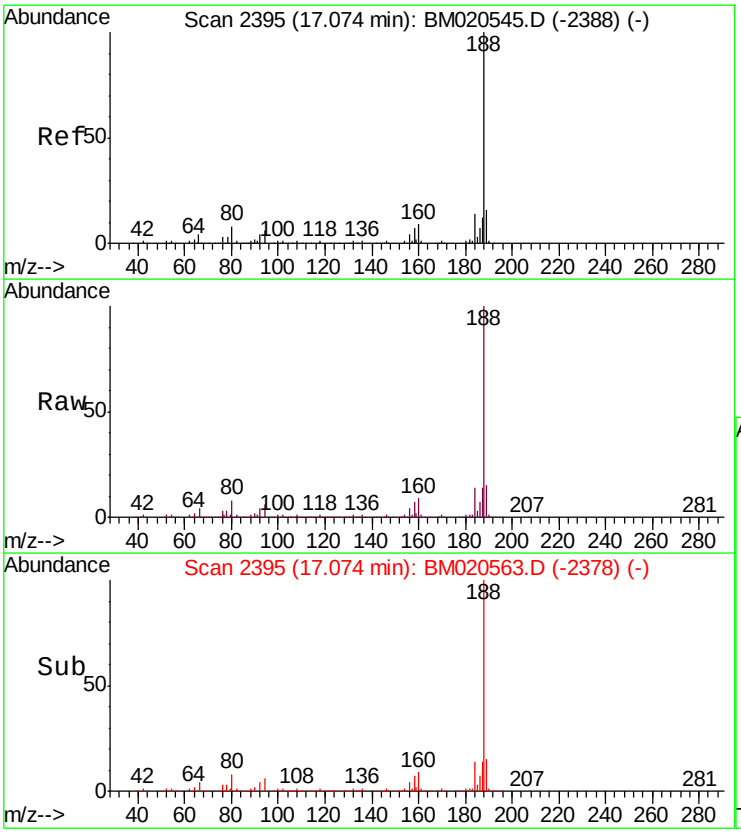

#50
Dimethylphthalate
Concen: 3.456 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:163 Resp: 70975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.2 | 3.9 | 5.9 |
| 164 | 10.8 | 8.0 | 12.0 |

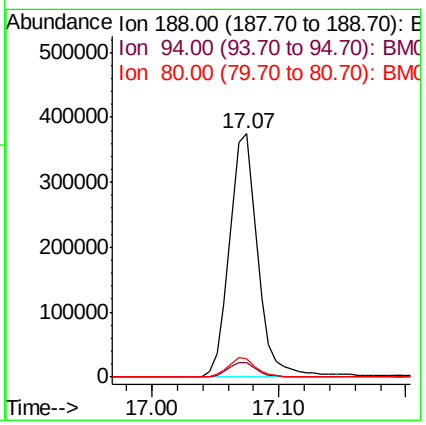


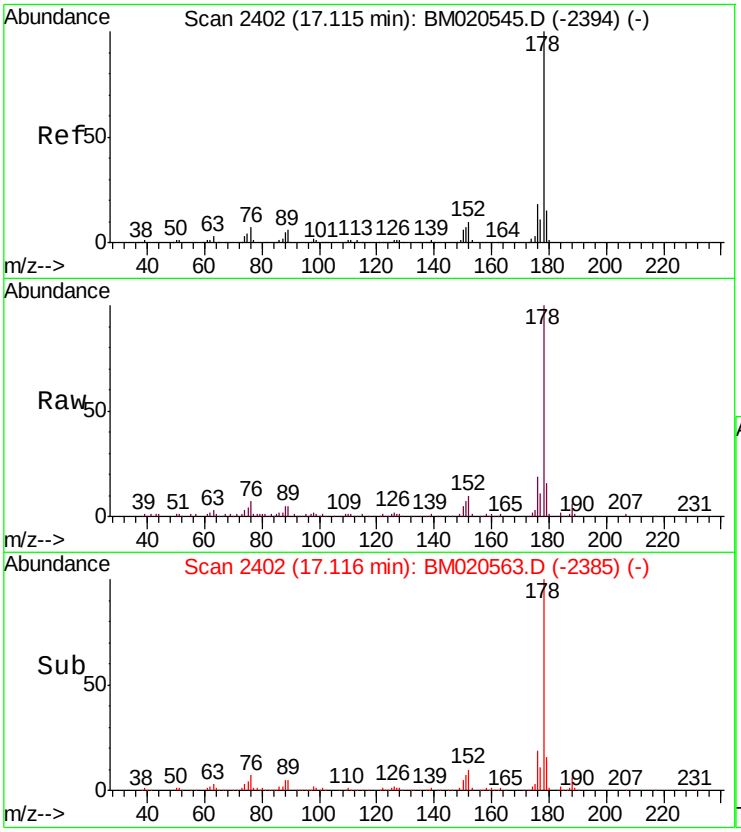




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:188 Resp: 577229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.9 | 5.0 | 7.4 |
| 80 | 7.6 | 6.5 | 9.7 |



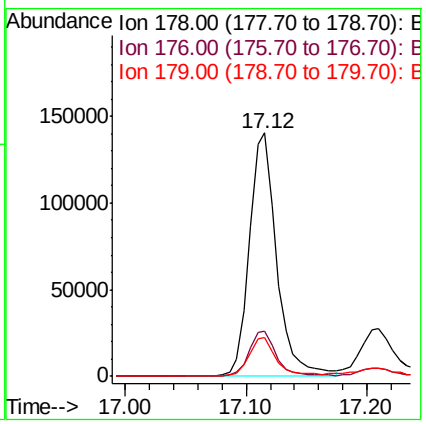


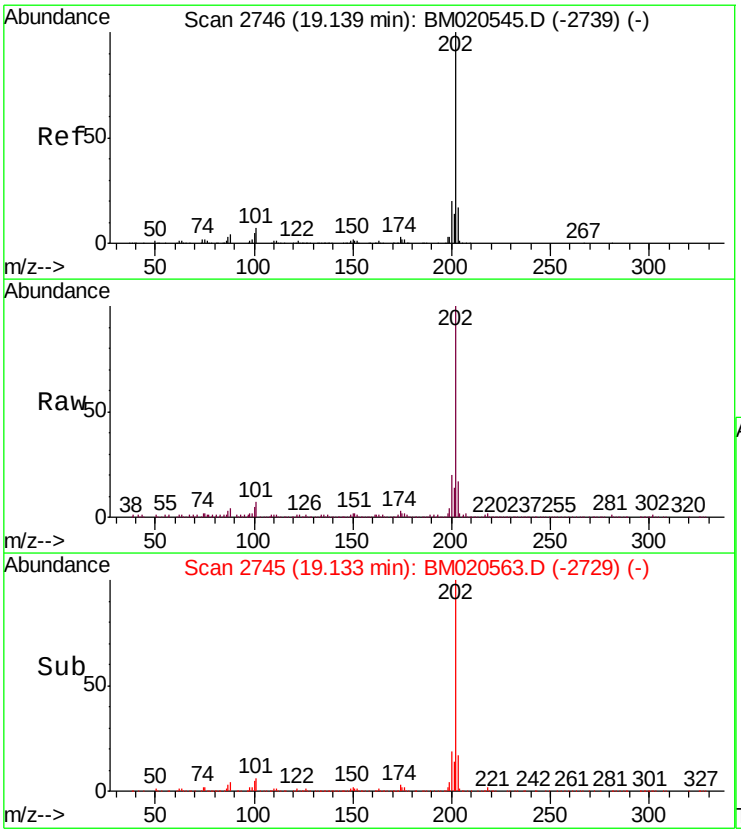

#71
Phenanthrene
Concen: 7.099 ng
RT: 17.12 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:178 Resp: 222599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.7 | 22.1 |
| 179 | 15.7 | 12.2 | 18.2 |

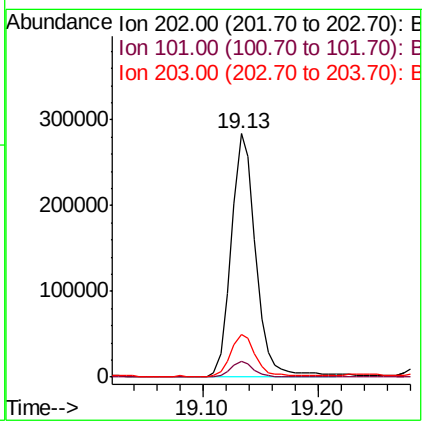


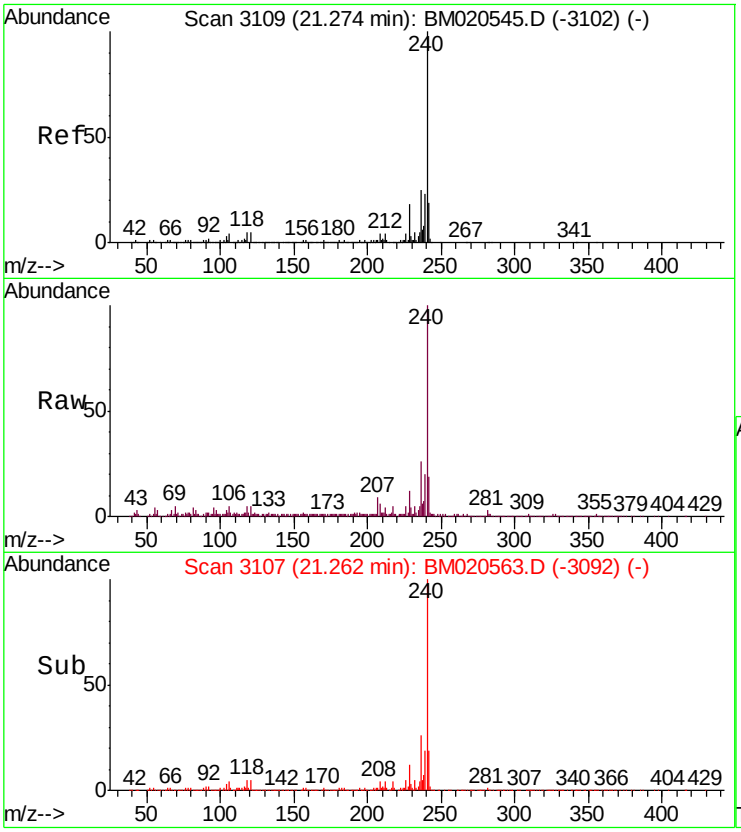




#75
Fluoranthene
Concen: 9.534 ng
RT: 19.13 min Scan# 2745
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:202 Resp: 415768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.6 | 0.0 | 26.7 |
| 203 | 17.4 | 0.0 | 37.4 |



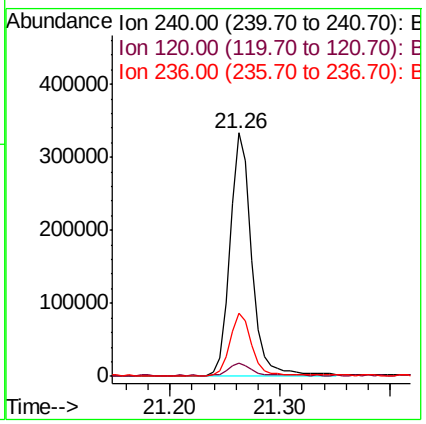


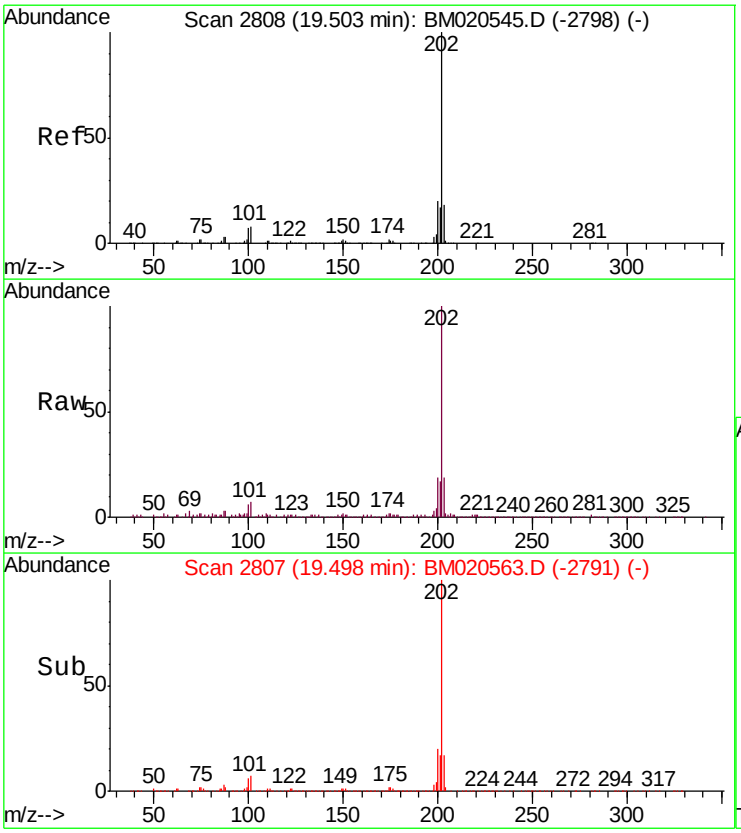

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:240 Resp: 458855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.4 | 4.1 | 6.1 |
| 236 | 26.0 | 20.2 | 30.4 |

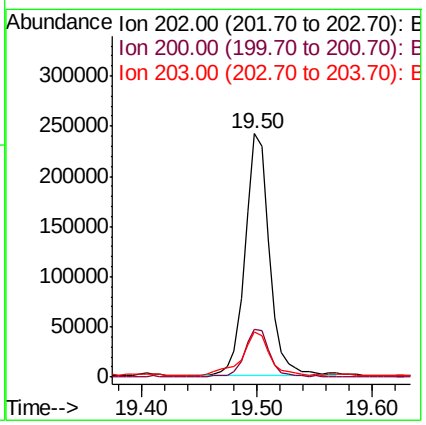


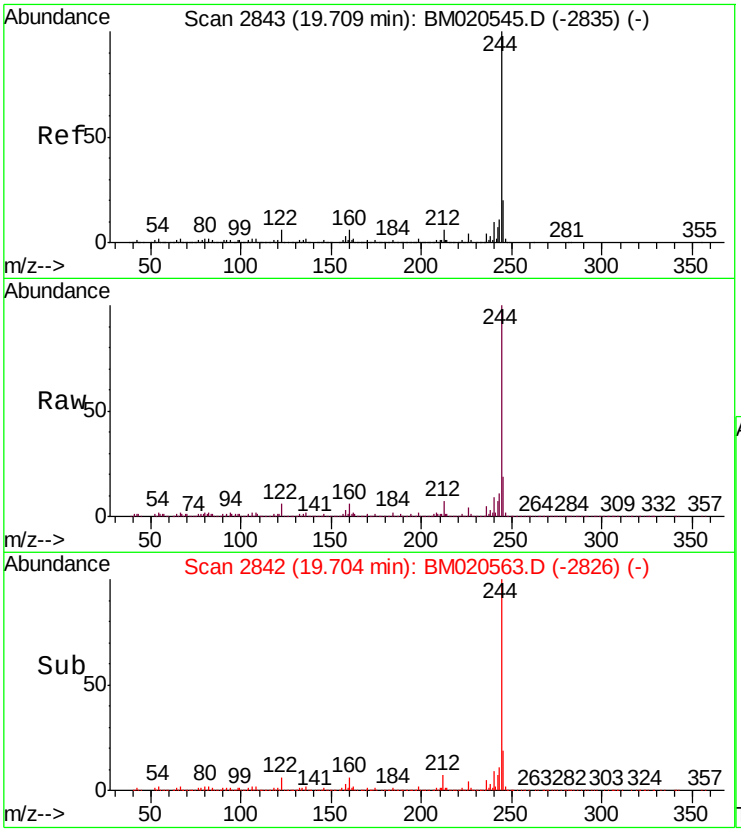




#78
Pyrene
Concen: 12.342 ng
RT: 19.50 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:202 Resp: 355528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.5 | 16.0 | 24.0 |
| 203 | 18.6 | 14.1 | 21.1 |



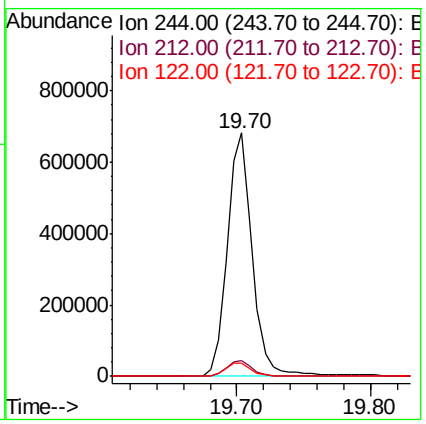


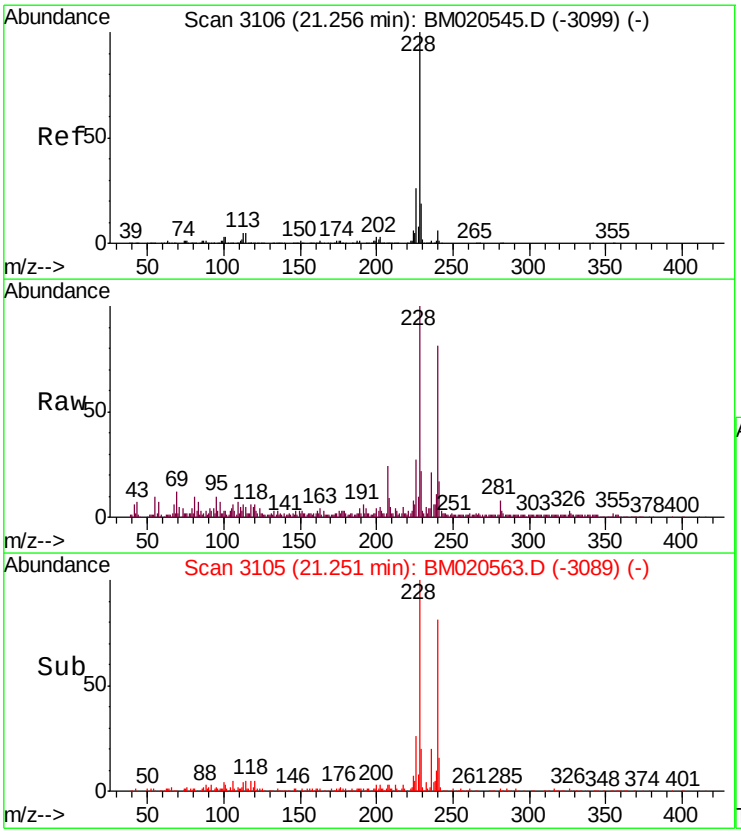

#79
Terphenyl-d14
Concen: 35.014 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:244 Resp: 888725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.0 | 7.6 |
| 122 | 5.7 | 4.6 | 7.0 |

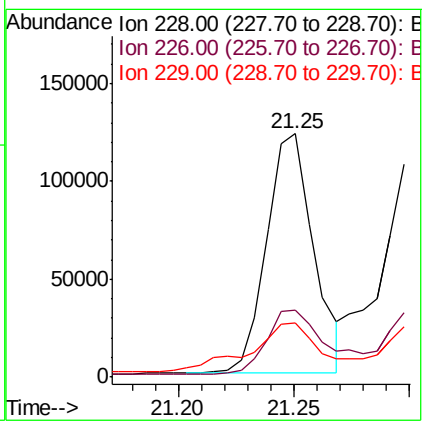


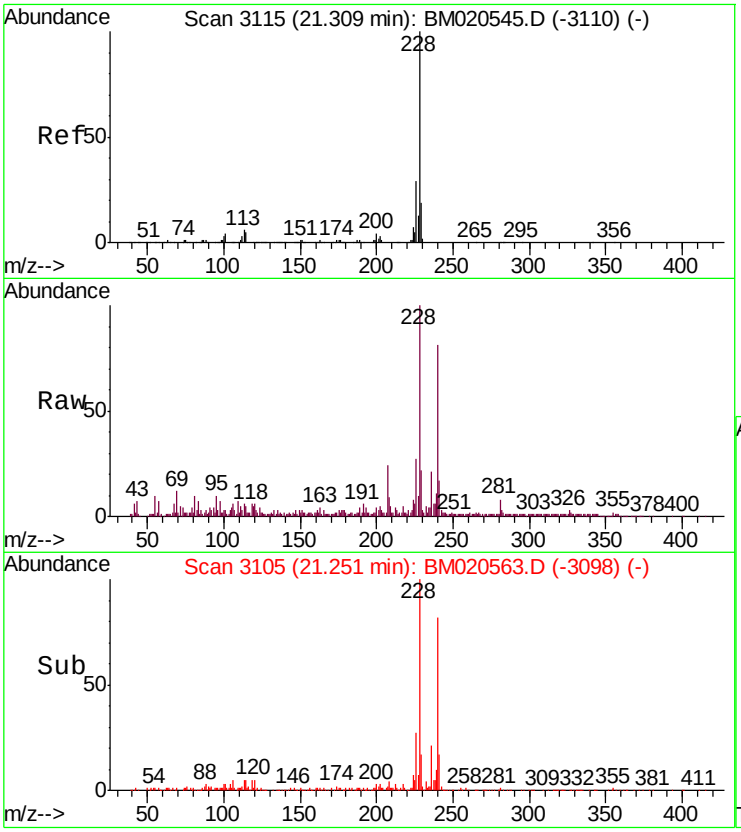




#81
Benzo(a)anthracene
Concen: 5.465 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:228 Resp: 173555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 20.7 | 31.1 |
| 229 | 22.0 | 15.5 | 23.3 |



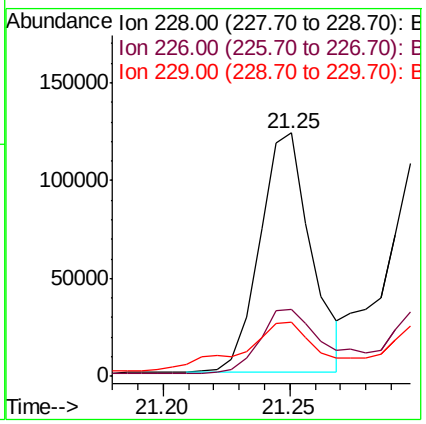


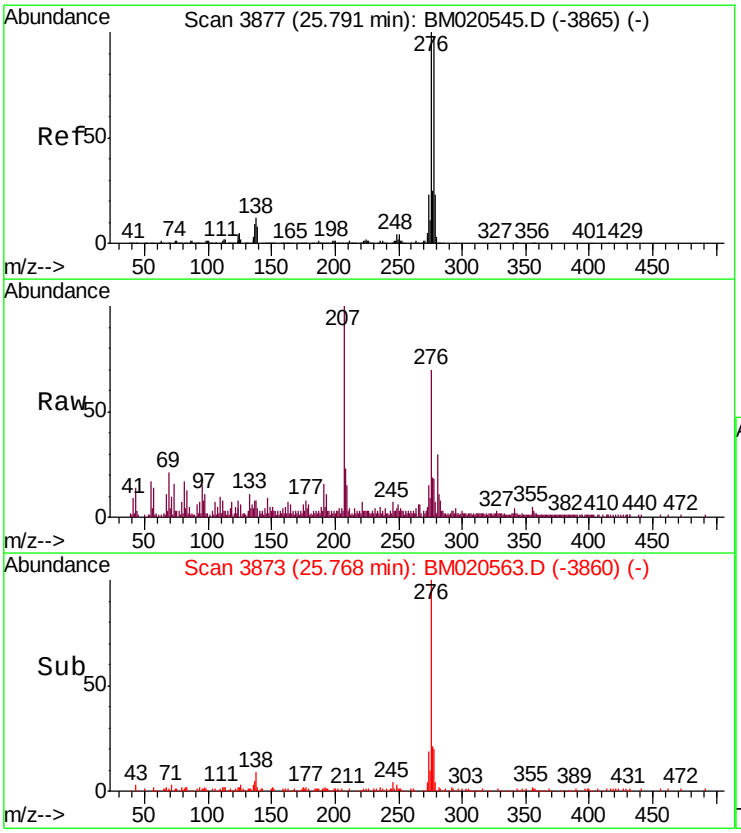

#83
Chrysene
Concen: 5.652 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.06 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:228 Resp: 173427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.9 | 34.3 |
| 229 | 22.0 | 15.4 | 23.2 |

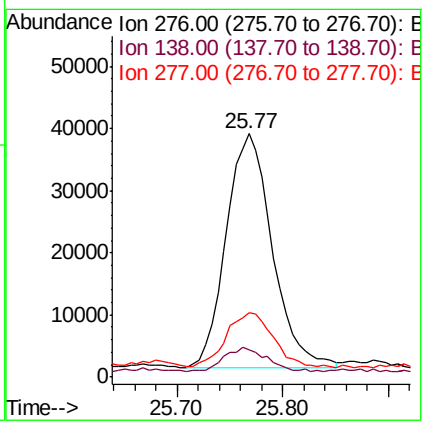


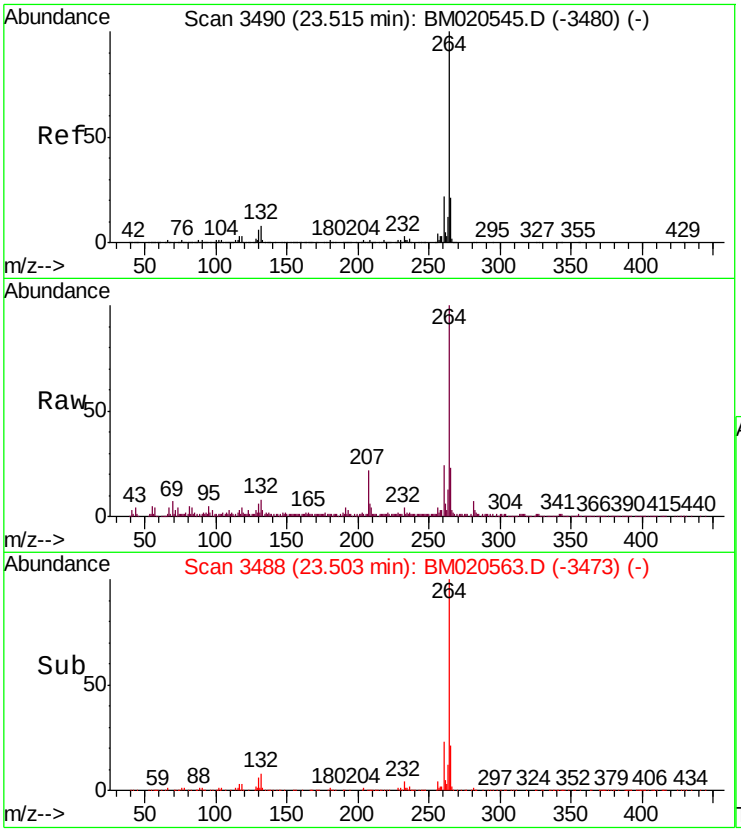




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.088 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.02 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:276 Resp: 114561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.3 | 9.7 | 14.5# |
| 277 | 23.3 | 20.4 | 30.6 |



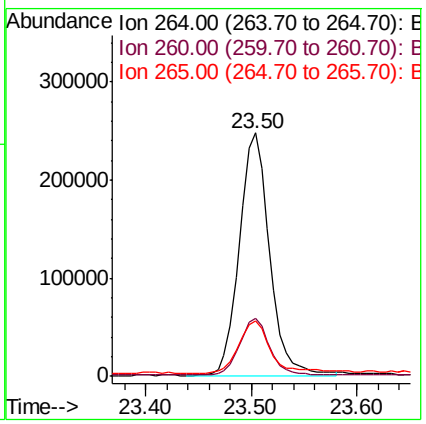


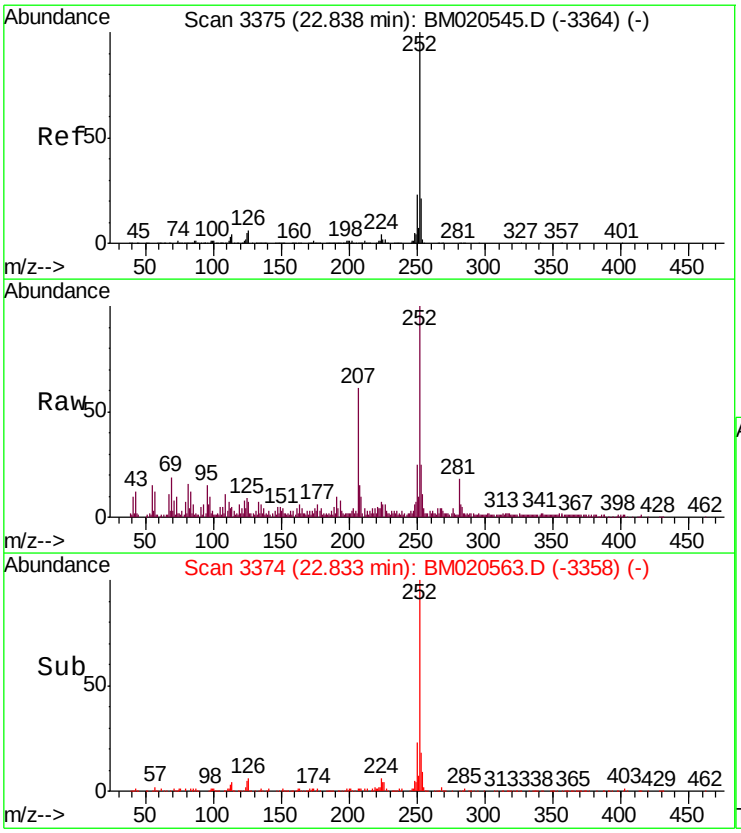

#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:264 Resp: 491110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 17.7 | 26.5 |
| 265 | 22.6 | 17.4 | 26.2 |

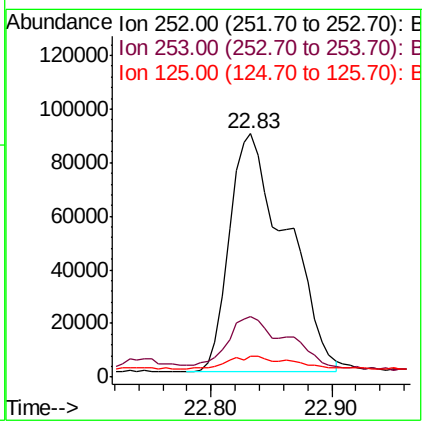


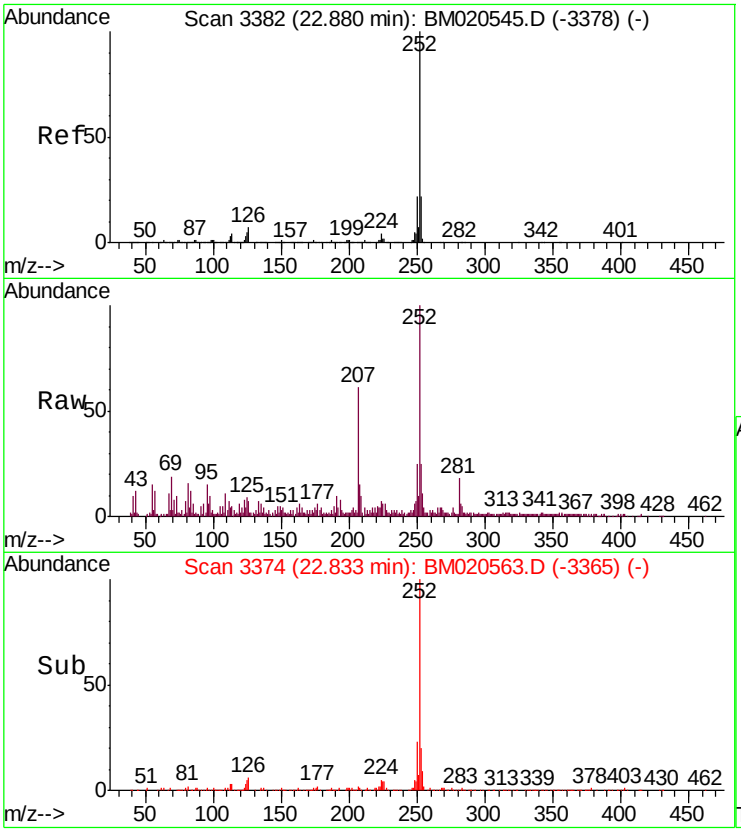




#88
Benzo(b)fluoranthene
Concen: 9.088 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:252 Resp: 292122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.9 | 17.1 | 25.7 |
| 125 | 8.6 | 3.8 | 5.8# |



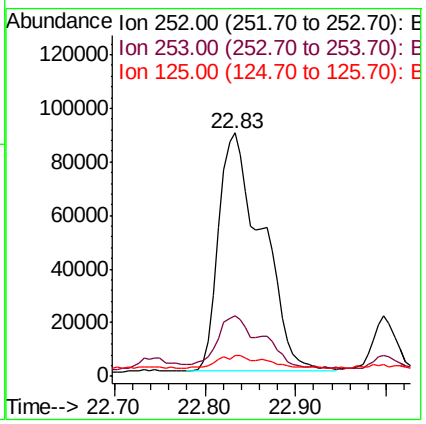


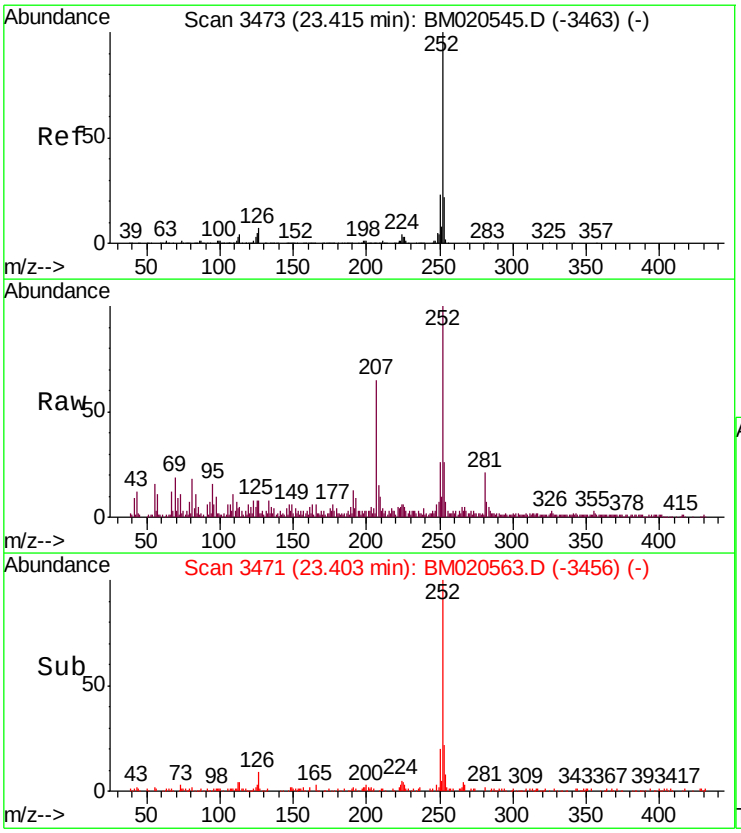

#89
Benzo(k)fluoranthene
Concen: 9.507 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.05 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:252 Resp: 296597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.9 | 17.6 | 26.4 |
| 125 | 8.6 | 4.2 | 6.4# |

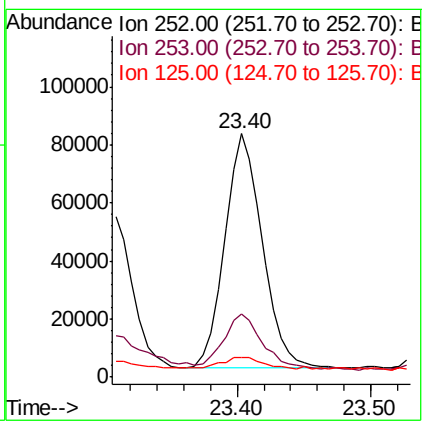


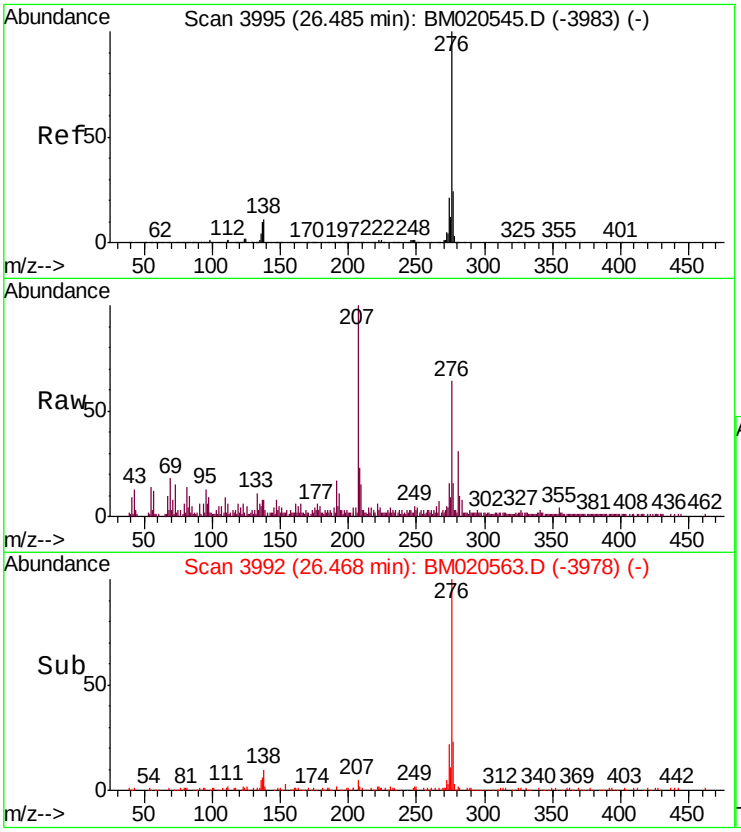




#90
Benzo(a)pyrene
Concen: 5.337 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:252 Resp: 157867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.9 | 17.4 | 26.2 |
| 125 | 8.0 | 4.2 | 6.4# |






#92
Benzo(g,h,i)perylene
Concen: 4.160 ng
RT: 26.47 min Scan# 3992
Delta R.T. -0.02 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

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

Tgt Ion:276 Resp: 116750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.5 | 19.1 | 28.7 |
| 138 | 12.3 | 8.6 | 12.8 |