Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021621\
Data File : BM028752.D
Acq On : 16 Feb 2021 17:10
Operator : CG/JU
Sample : M1407-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGJ3

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Quant Time: Feb 16 17:45:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 16 17:19:06 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.89 | 152 | 372 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.69 | 136 | 1513 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.54 | 164 | 943 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.28 | 188 | 1964m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.42 | 240 | 1666 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.66 | 264 | 1664 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.29 | 152 | 813 | 0.38 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.29 | 212 | 1940 | 0.38 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 5) 2-Methylnaphthalene | 12.36 | 142 | 560 | 0.222 | ng/ul | 97 |
| 7) Acenaphthylene | 14.26 | 152 | 528 | 0.137 | ng/ul# | 70 |
| 8) Acenaphthene | 14.60 | 153 | 30967 | 10.150 | ng/ul | 98 |
| 9) Fluorene | 15.58 | 166 | 13049 | 3.853 | ng/ul | 96 |
| 11) Pentachlorophenol | 16.93 | 266 | 3163 | 6.164 | ng/ul | 98 |
| 12) Phenanthrene | 17.31 | 178 | 10568 | 1.925 | ng/ul | 96 |
| 13) Anthracene | 17.41 | 178 | 1000 | 0.191 | ng/ul# | 90 |
| 15) Fluoranthene | 19.32 | 202 | 1247 | 0.200 | ng/ul | 94 |
| 17) Pyrene | 19.68 | 202 | 605 | 0.100 | ng/ul# | 81 |

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

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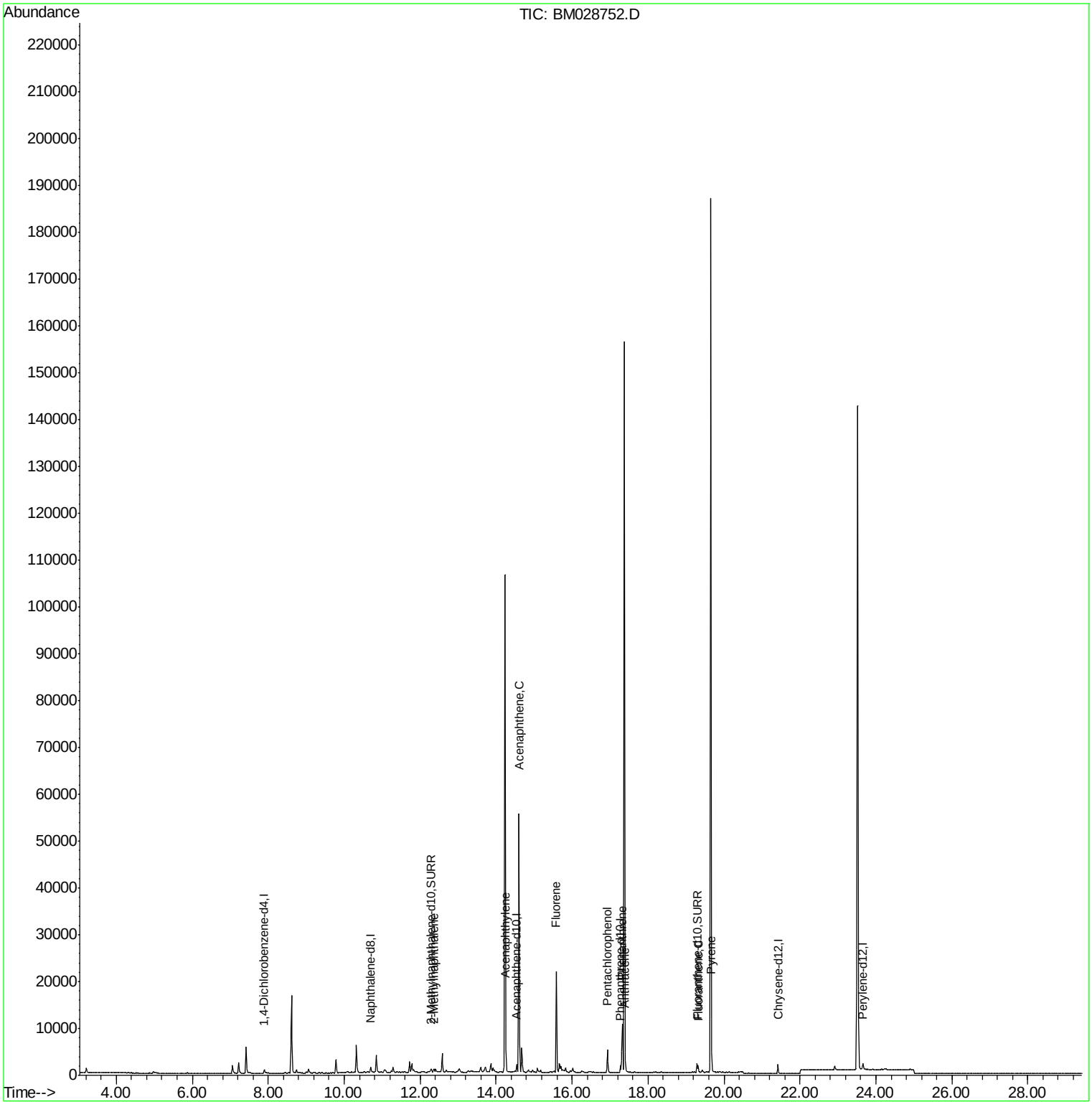

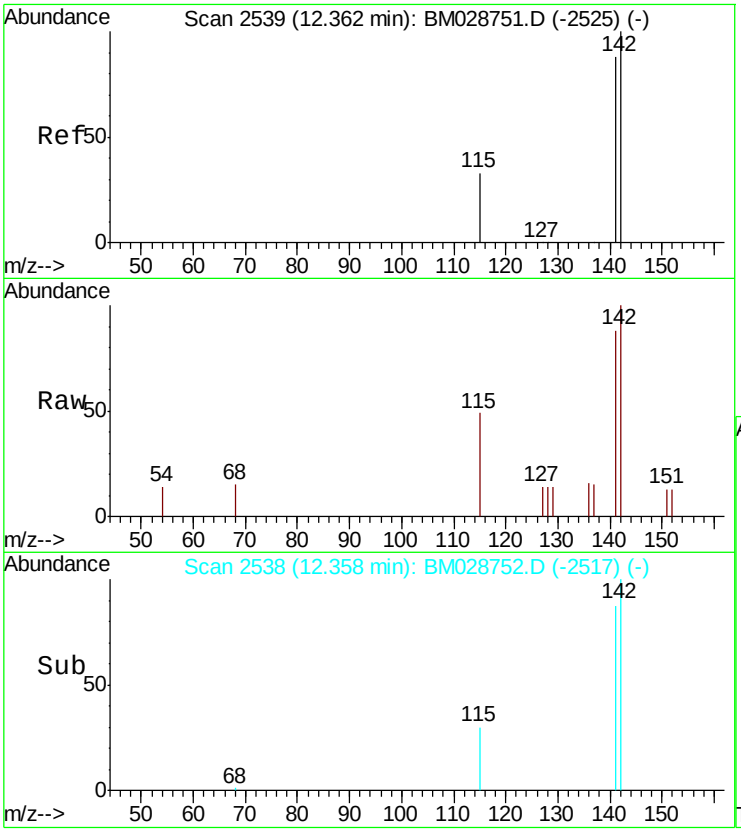


#5
2-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 12.36 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BM028752.D
Acq: 16 Feb 2021 17:10

Tgt Ion:142 Resp: 560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 72.2 | 108.4 |

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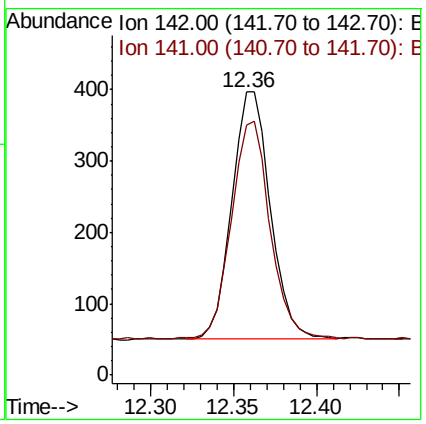
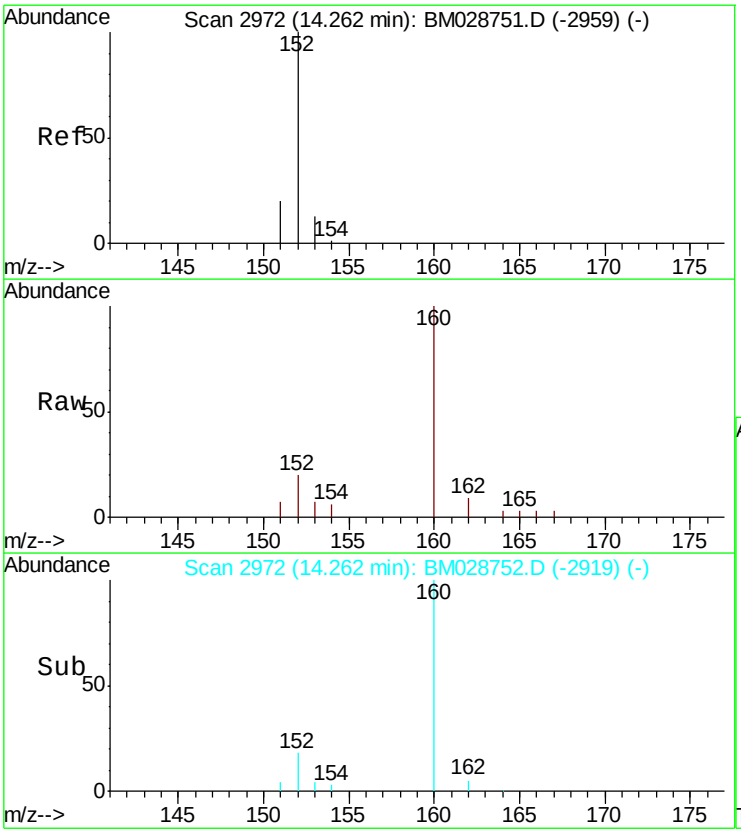
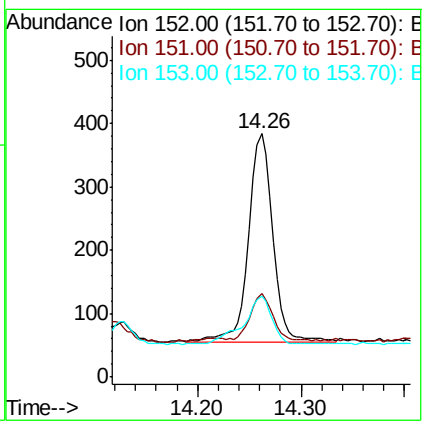


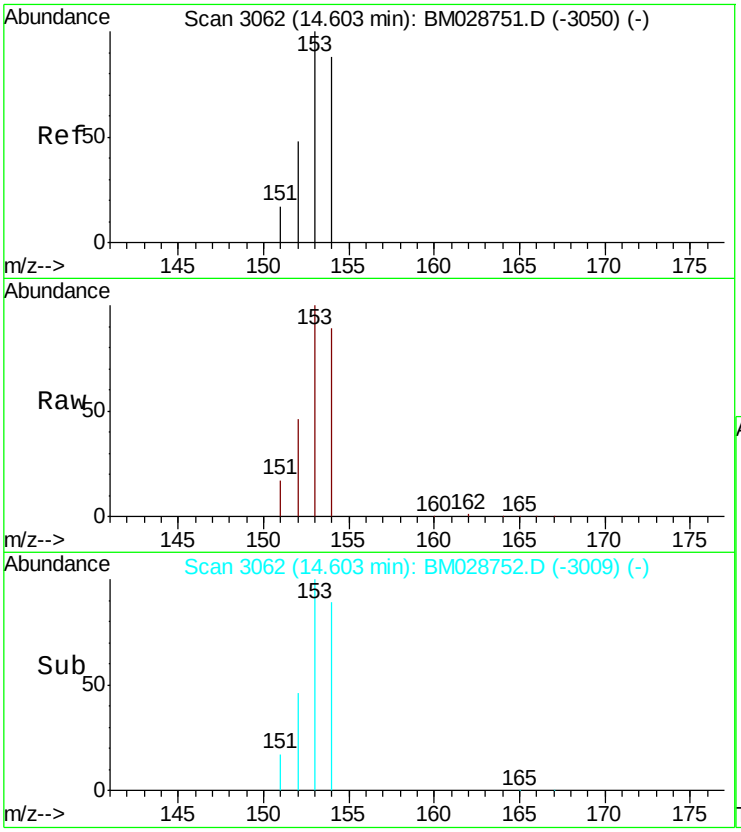




#7
Acenaphthylene
Concen: 0.137 ng/ul
RT: 14.26 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BM028752.D
Acq: 16 Feb 2021 17:10

Tgt Ion:152 Resp: 528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 34.1 | 18.0 | 27.0# |
| 153 | 33.1 | 13.4 | 20.0# |

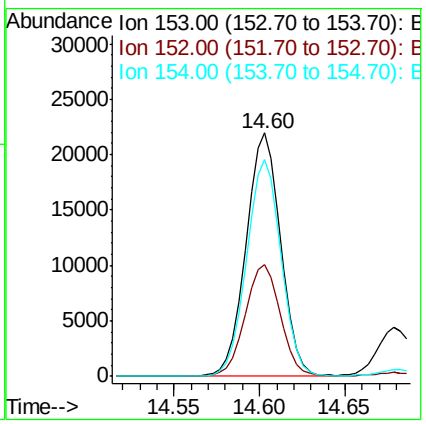





#8
Acenaphthene
Concen: 10.150 ng/ul
RT: 14.60 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BM028752.D
Acq: 16 Feb 2021 17:10

Tgt Ion:153 Resp: 30967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 46.2 | 39.6 | 59.4 |
| 154 | 88.9 | 70.3 | 105.5 |




**Instrument :**
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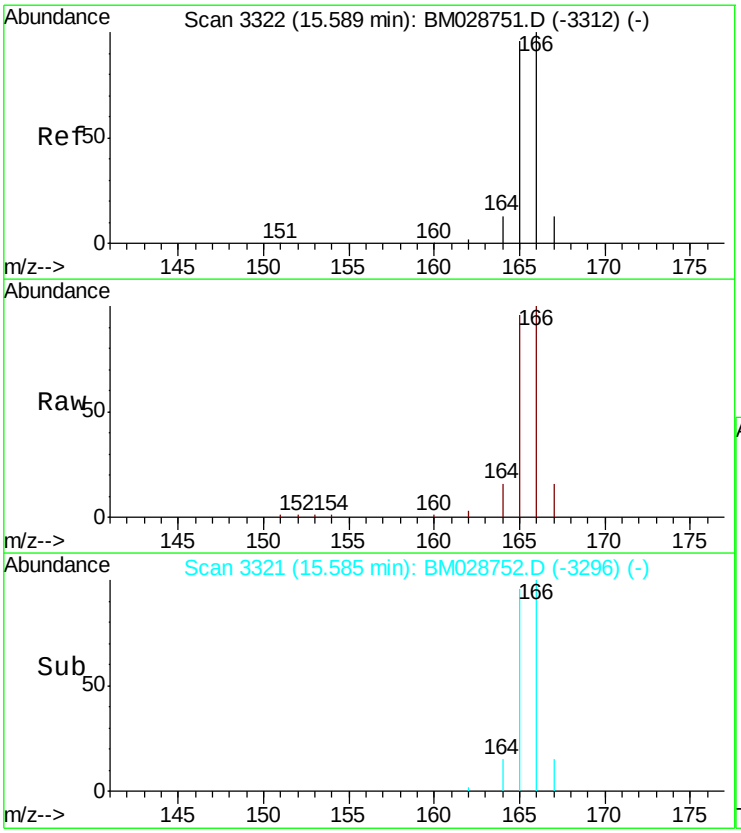
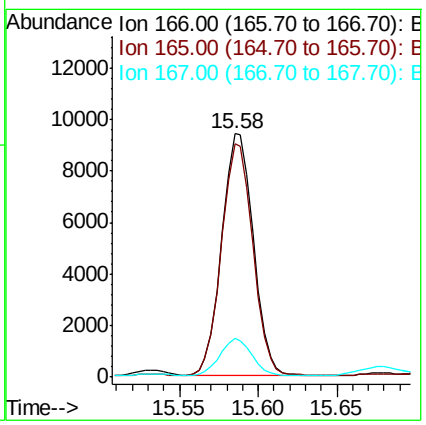
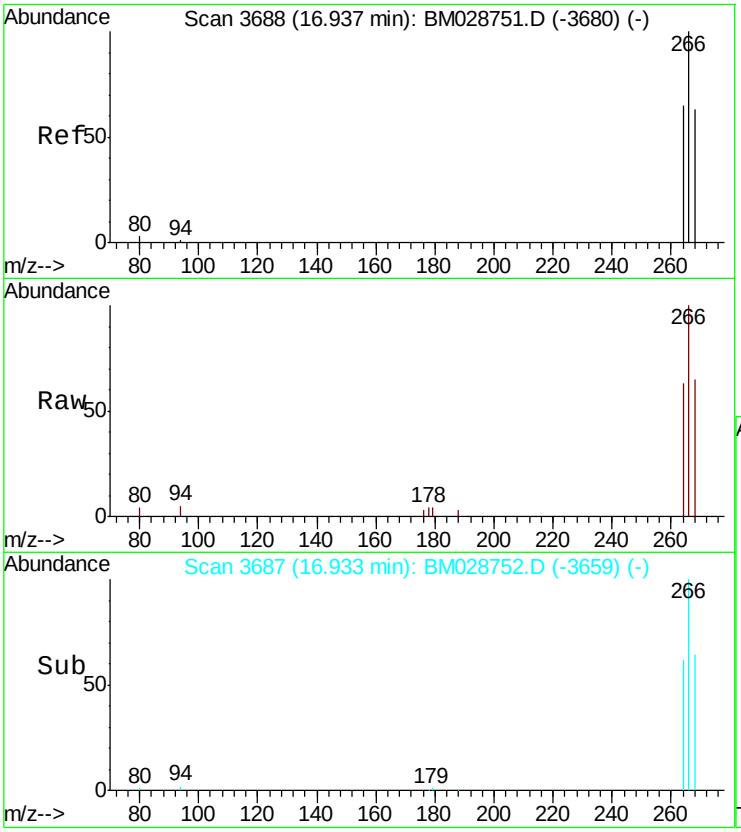



#9
Fluorene
Concen: 3.853 ng/ul
RT: 15.58 min Scan# 3321
Delta R.T. -0.00 min
Lab File: BM028752.D
Acq: 16 Feb 2021 17:10

Tgt Ion:166 Resp: 13049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.0 | 79.6 | 119.4 |
| 167 | 15.8 | 13.9 | 20.9 |

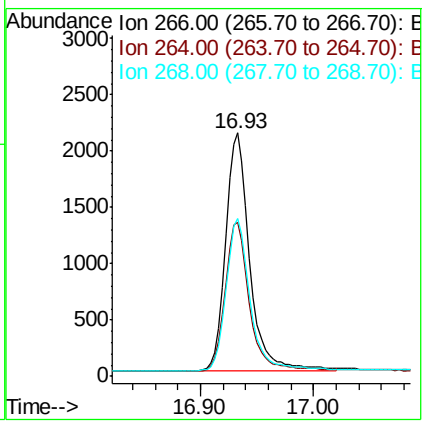





#11
Pentachlorophenol
Concen: 6.164 ng/ul
RT: 16.93 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BM028752.D
Acq: 16 Feb 2021 17:10

Tgt Ion:266 Resp: 3163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.2 | 51.0 | 76.4 |
| 268 | 63.9 | 53.0 | 79.4 |




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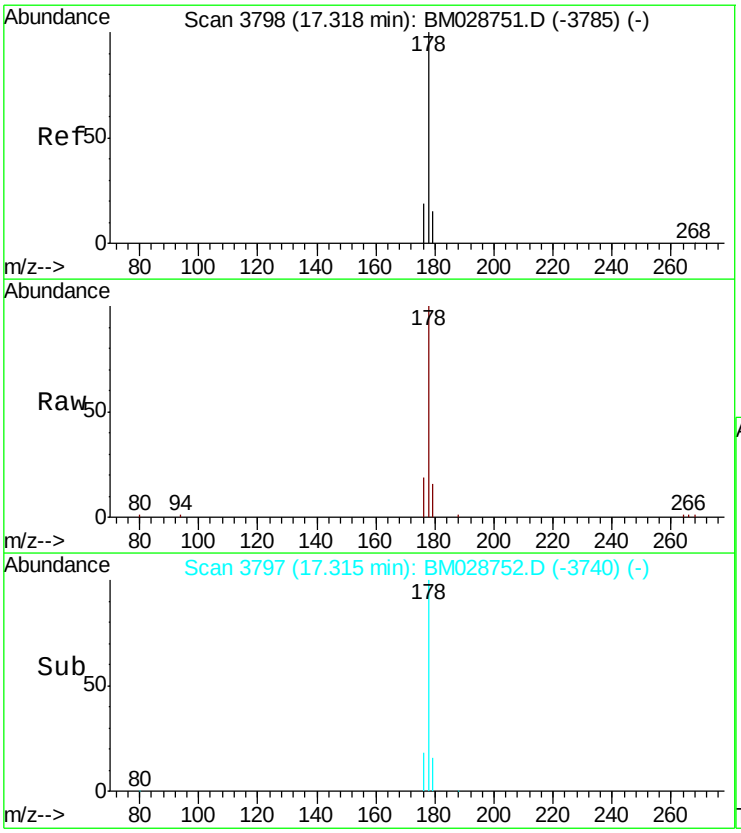
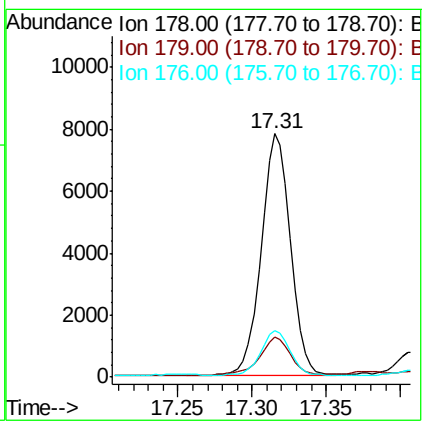
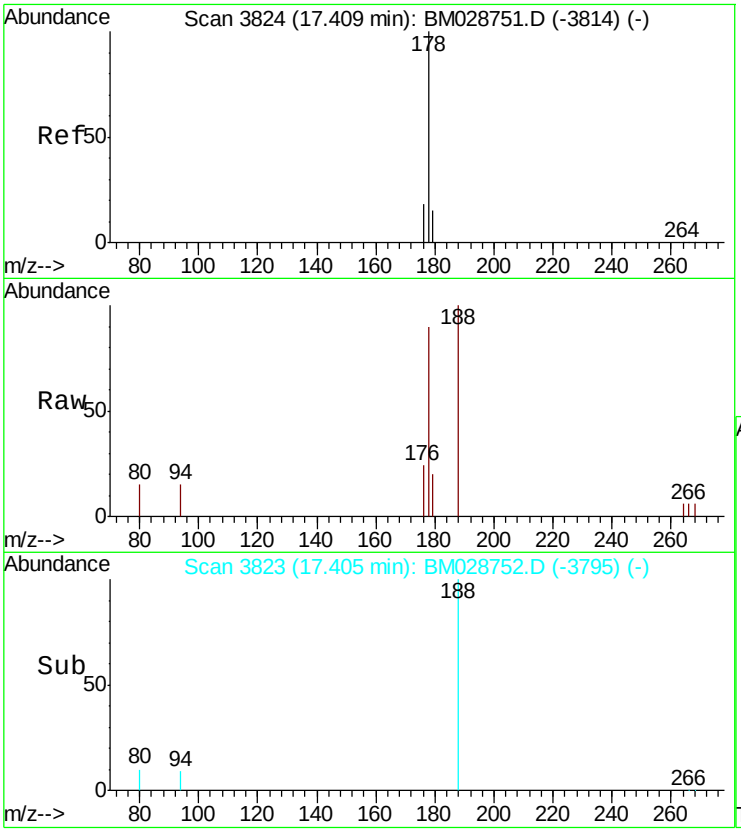



#12
Phenanthrene
Concen: 1.925 ng/ul
RT: 17.31 min Scan# 3797
Delta R.T. -0.00 min
Lab File: BM028752.D
Acq: 16 Feb 2021 17:10

Tgt Ion:178 Resp: 10568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.2 | 14.7 | 22.1 |
| 176 | 19.1 | 16.7 | 25.1 |






#13
Anthracene
Concen: 0.191 ng/ul
RT: 17.41 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM028752.D
Acq: 16 Feb 2021 17:10

Tgt Ion:178 Resp: 1000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 22.5 | 15.0 | 22.4# |
| 176 | 26.3 | 16.6 | 24.8# |

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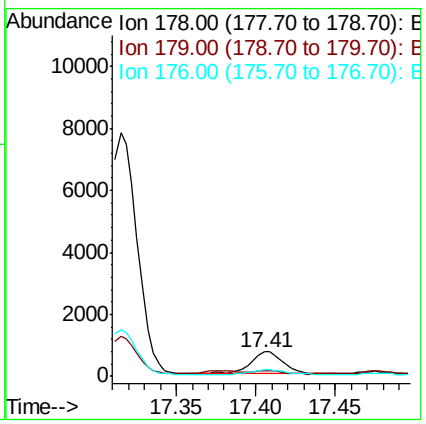
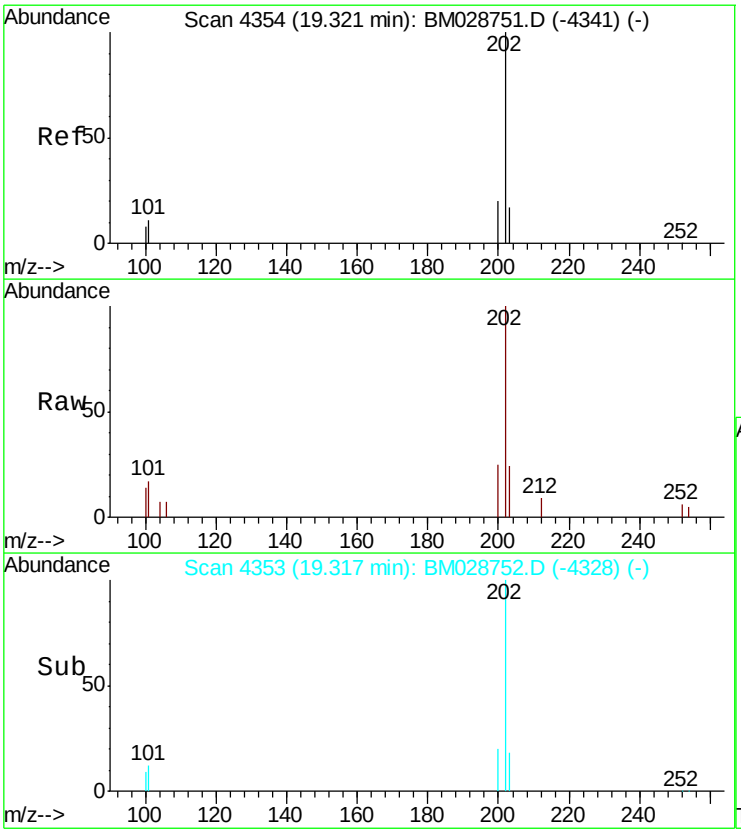
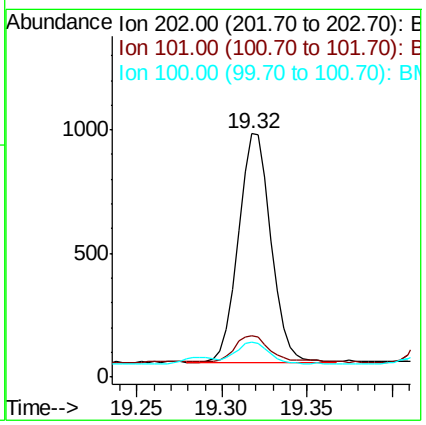


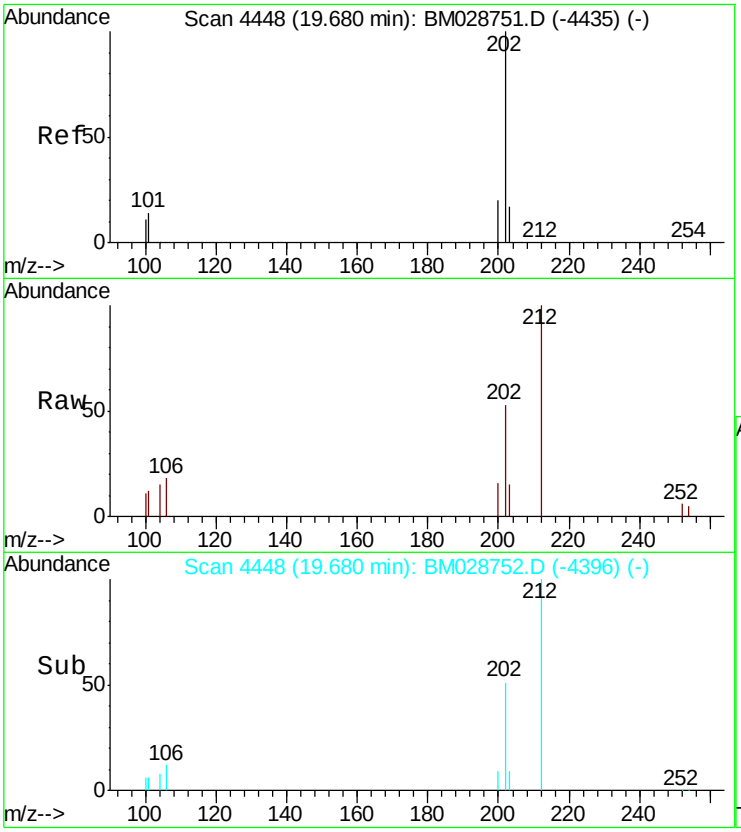




#15
Fluoranthene
Concen: 0.200 ng/ul
RT: 19.32 min Scan# 4353
Delta R.T. -0.00 min
Lab File: BM028752.D
Acq: 16 Feb 2021 17:10

Tgt Ion:202 Resp: 1247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 17.0 | 0.0 | 34.5 |
| 100 | 14.2 | 0.0 | 31.7 |

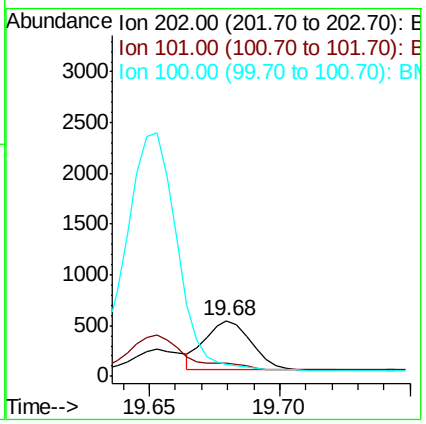





#17
Pyrene
Concen: 0.100 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM028752.D
Acq: 16 Feb 2021 17:10

Tgt Ion:202 Resp: 605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 23.2 | 12.7 | 19.1# |
| 100 | 21.4 | 10.2 | 15.4# |

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