Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095224.D
Acq On : 29 Jan 2018 1:28
Operator : SJ/JU
Sample : J1223-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
F6A69

**Manual Integrations APPROVED**
Sohil
1/29/2018 6:26:02 PM

Quant Time: Jan 29 08:20:34 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 08:11:22 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.44 | 152 | 3065 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.27 | 136 | 9929 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 15.02 | 164 | 6652 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.73 | 188 | 13167m | 0.40 | ng/ul | 0.02 |
| 16) Chrysene-d12 | 21.80 | 240 | 13486 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 24.43 | 264 | 12342m | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.81 | 152 | 5581 | 0.35 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.70 | 212 | 14865 | 0.29 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 11.32 | 128 | 1672 | 0.060 | ng/ul# | 83 |
| 5) 2-Methylnaphthalene | 12.89 | 142 | 23009 | 1.239 | ng/ul | 100 |
| 7) Acenaphthylene | 14.75 | 152 | 1145 | 0.036 | ng/ul# | 11 |
| 8) Acenaphthene | 15.08 | 153 | 24038 | 0.968 | ng/ul | 91 |
| 9) Fluorene | 16.02 | 166 | 17549 | 0.685 | ng/ul# | 68 |
| 11) Pentachlorophenol | 17.36 | 266 | 1470 | 0.576 | ng/ul | 96 |
| 12) Phenanthrene | 17.75 | 178 | 76553 | 1.729 | ng/ul# | 86 |
| 13) Anthracene | 17.84 | 178 | 6783 | 0.167 | ng/ul | 93 |
| 15) Fluoranthene | 19.73 | 202 | 15340 | 0.268 | ng/ul | 82 |
| 17) Pyrene | 20.08 | 202 | 16327 | 0.361 | ng/ul# | 82 |
| 18) Benzo(a)anthracene | 21.79 | 228 | 1745 | 0.041 | ng/ul# | 73 |
| 19) Chrysene | 21.84 | 228 | 1638 | 0.037 | ng/ul# | 69 |

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

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Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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**Instrument :**
BNA_E
**ClientSampleId :**
F6A69

**Manual Integrations APPROVED**
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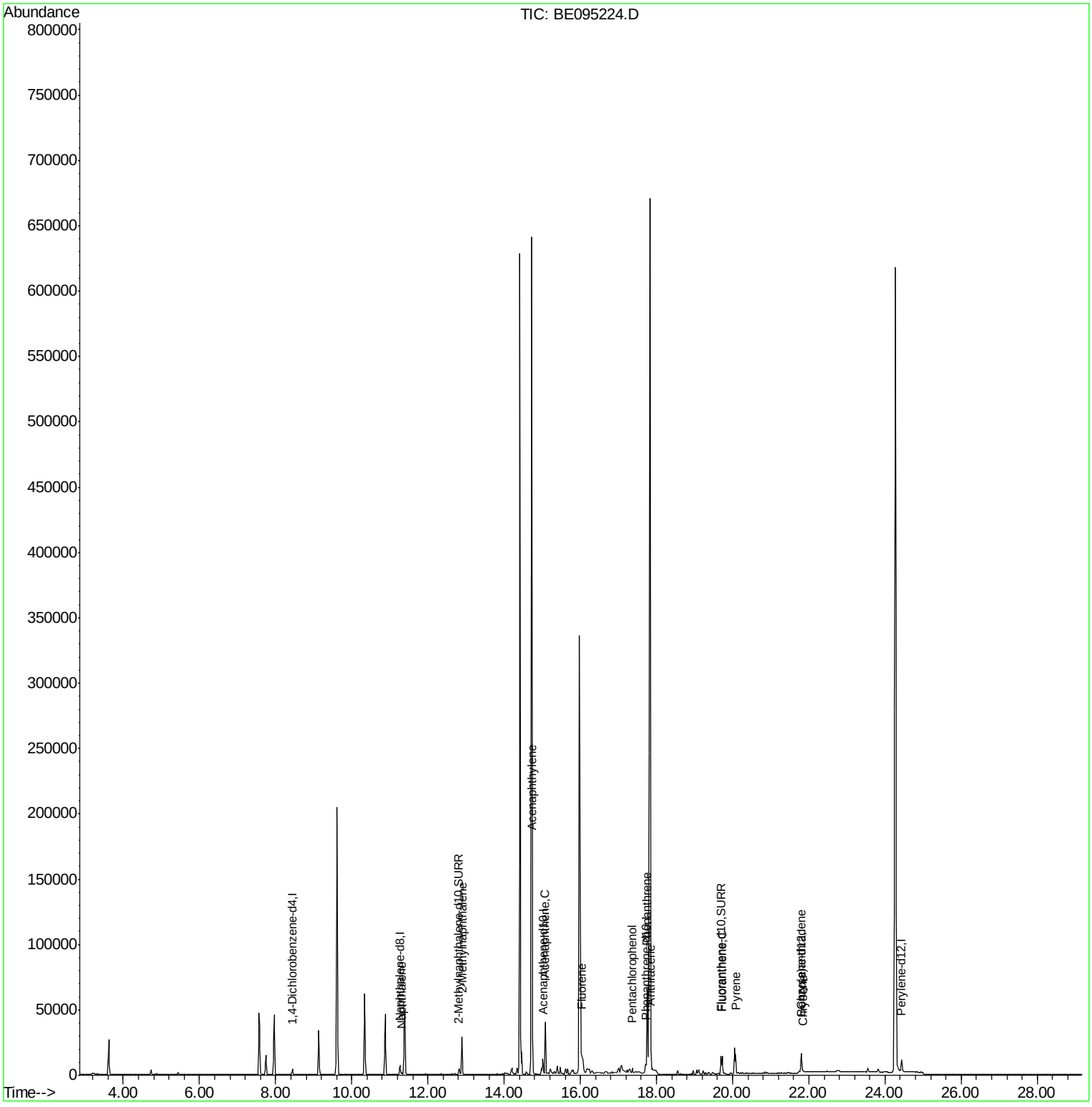

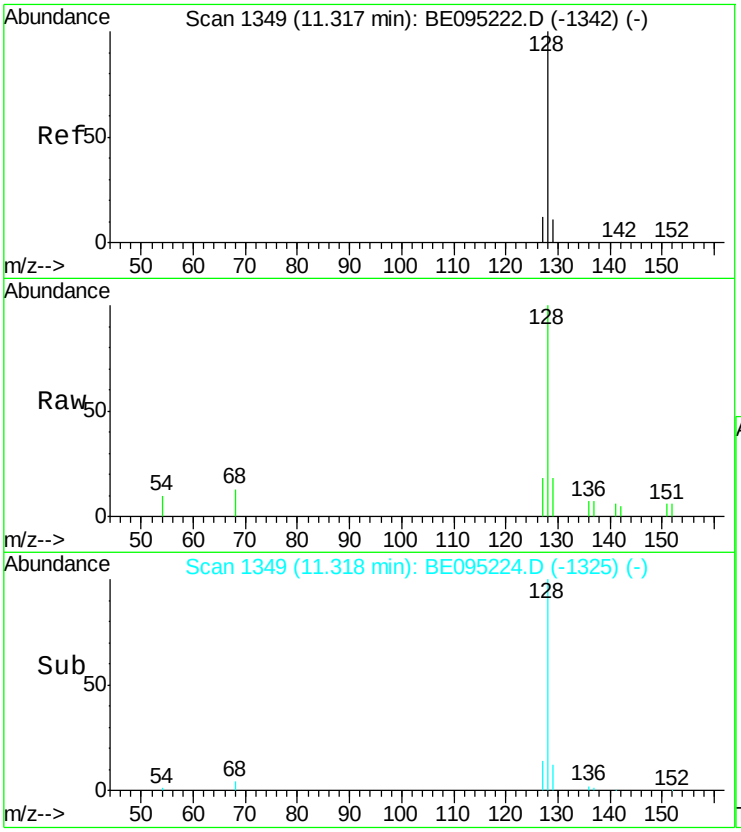


#3
Naphthalene
Concen: 0.060 ng/ul
RT: 11.32 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:128 Resp: 1672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 17.6 | 11.3 | 16.9# |
| 127 | 18.4 | 4.0 | 6.0# |

**Instrument :**
BNA_E
**ClientSampleId :**
F6A69

**Manual Integrations APPROVED**
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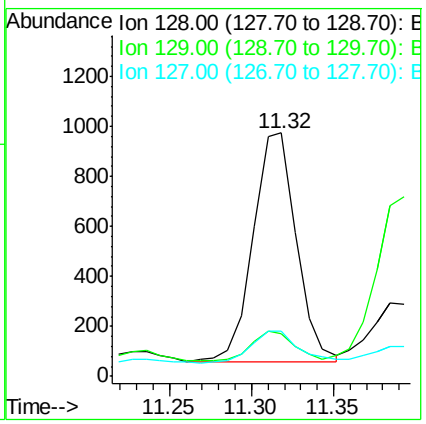
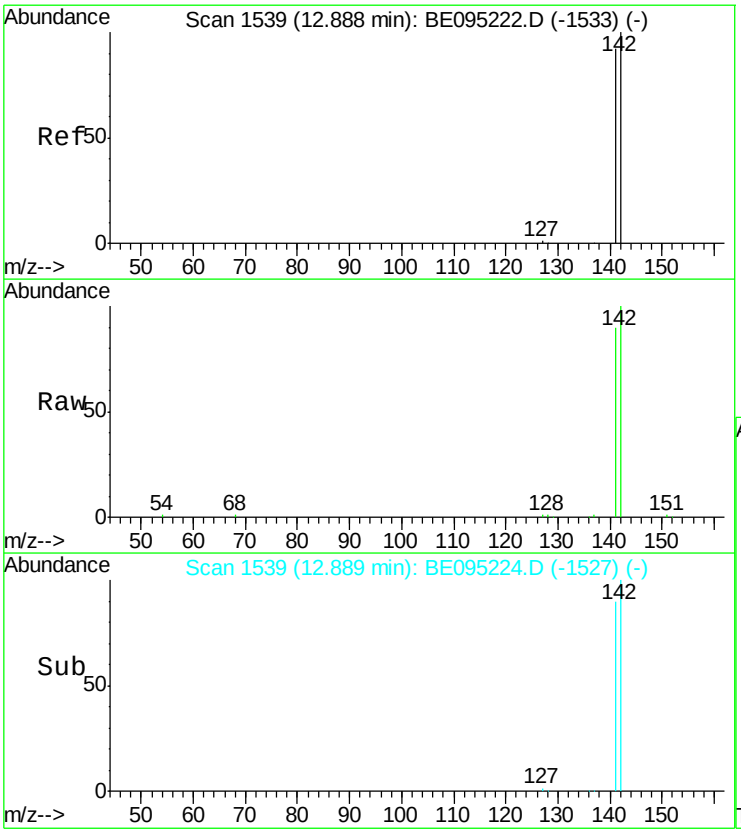
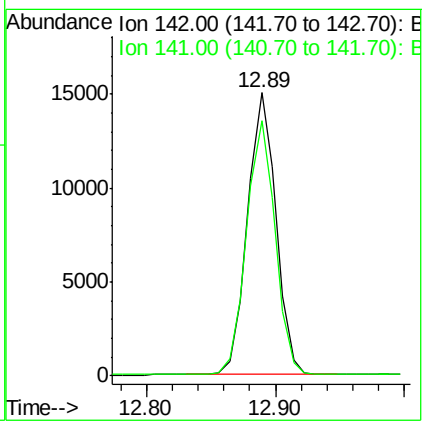


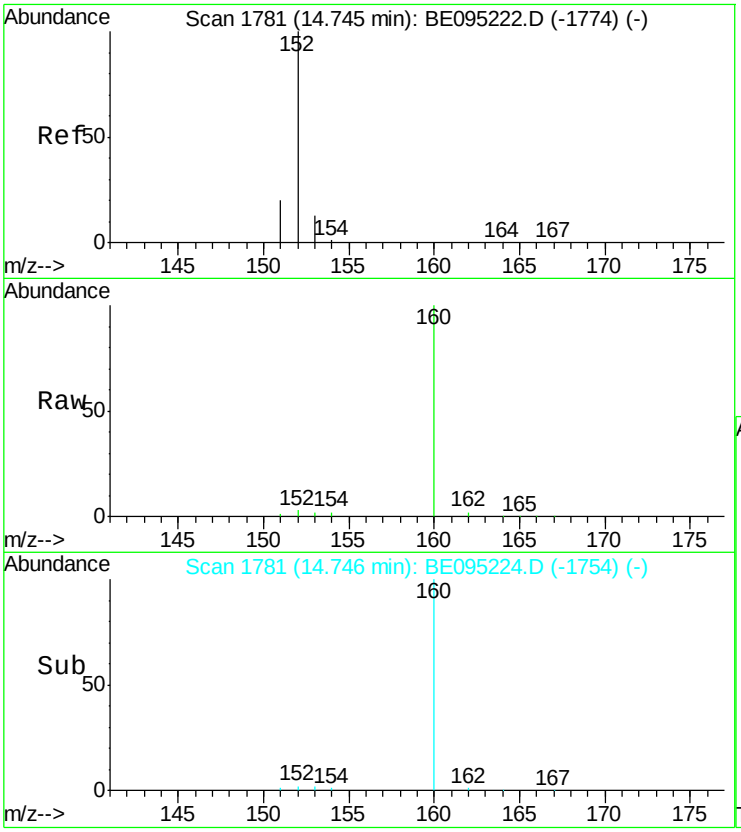




#5
2-Methylnaphthalene
Concen: 1.239 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:142 Resp: 23009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.6 | 72.6 | 108.8 |






#7
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.75 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:152 Resp: 1145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 39.5 | 17.1 | 25.7# |
| 153 | 82.3 | 12.8 | 19.2# |

**Instrument :**
BNA_E
**ClientSampleId :**
F6A69

**Manual Integrations APPROVED**
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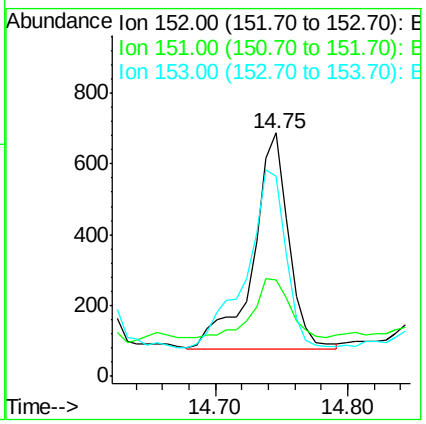
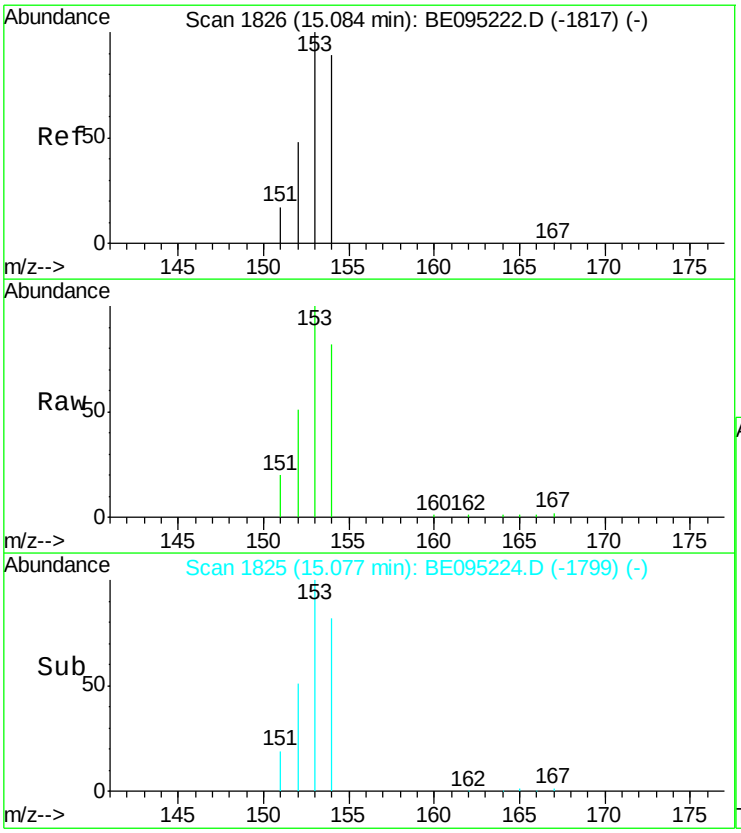
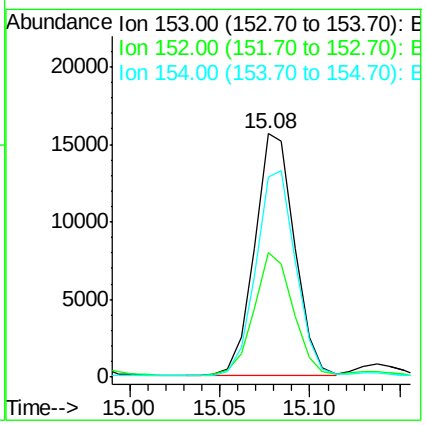


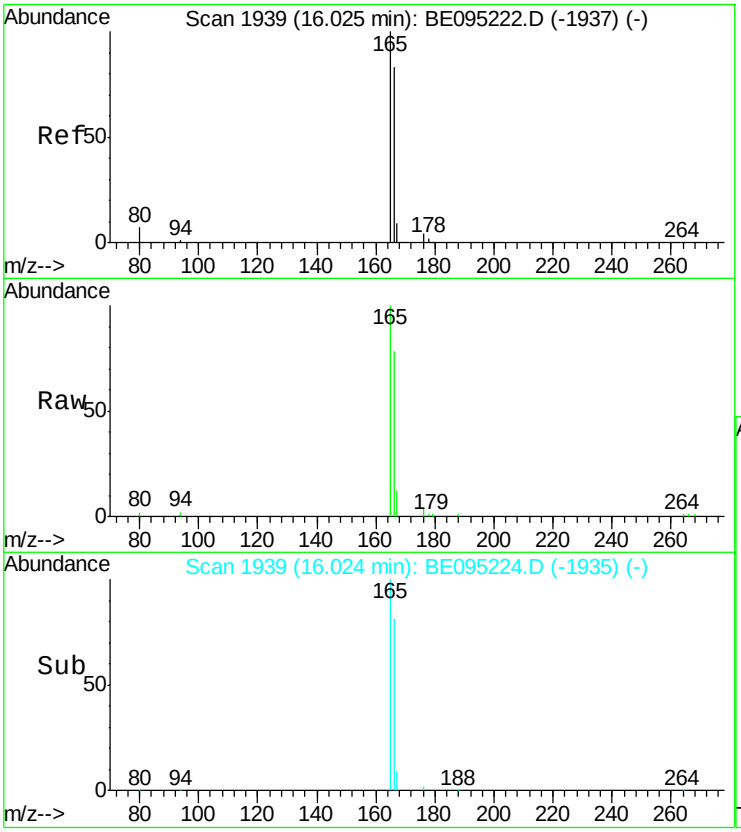




#8
Acenaphthene
Concen: 0.968 ng/ul
RT: 15.08 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:153 Resp: 24038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 51.0 | 36.0 | 54.0 |
| 154 | 82.1 | 72.0 | 108.0 |

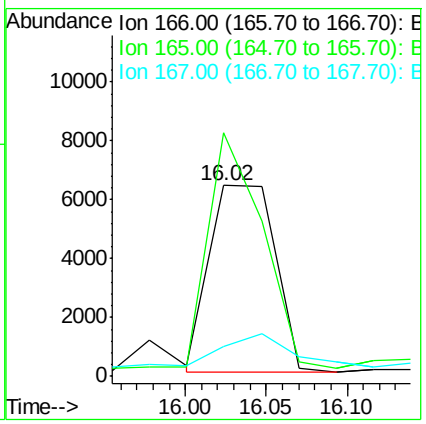





#9
Fluorene
Concen: 0.685 ng/ul
RT: 16.02 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:166 Resp: 17549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 127.5 | 73.4 | 110.2# |
| 167 | 15.8 | 14.6 | 22.0 |




**Instrument :**
BNA_E
**ClientSampleId :**
F6A69

**Manual Integrations APPROVED**
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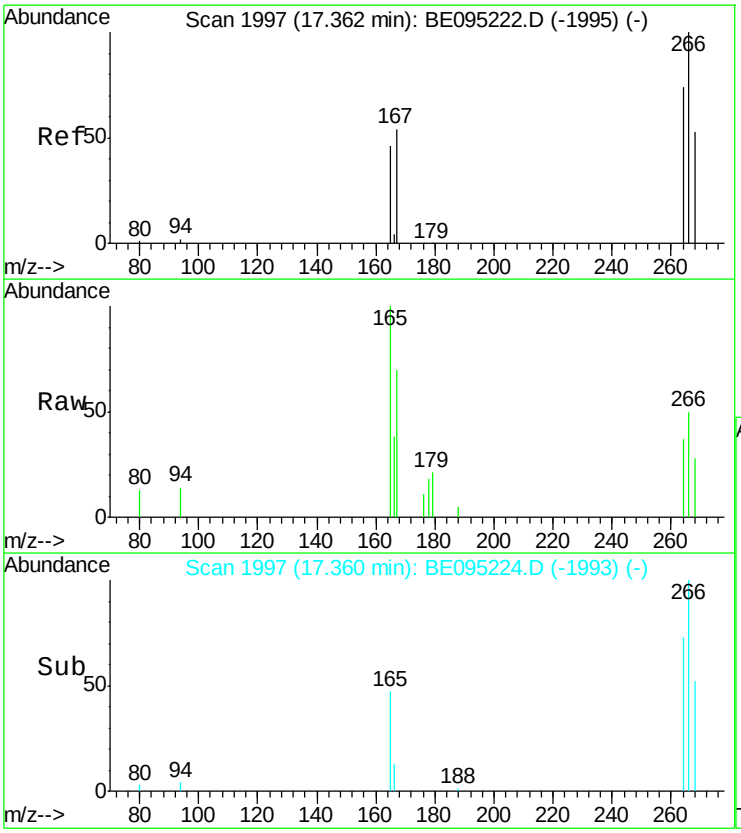
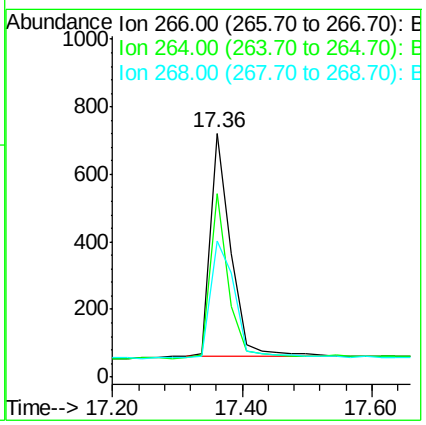
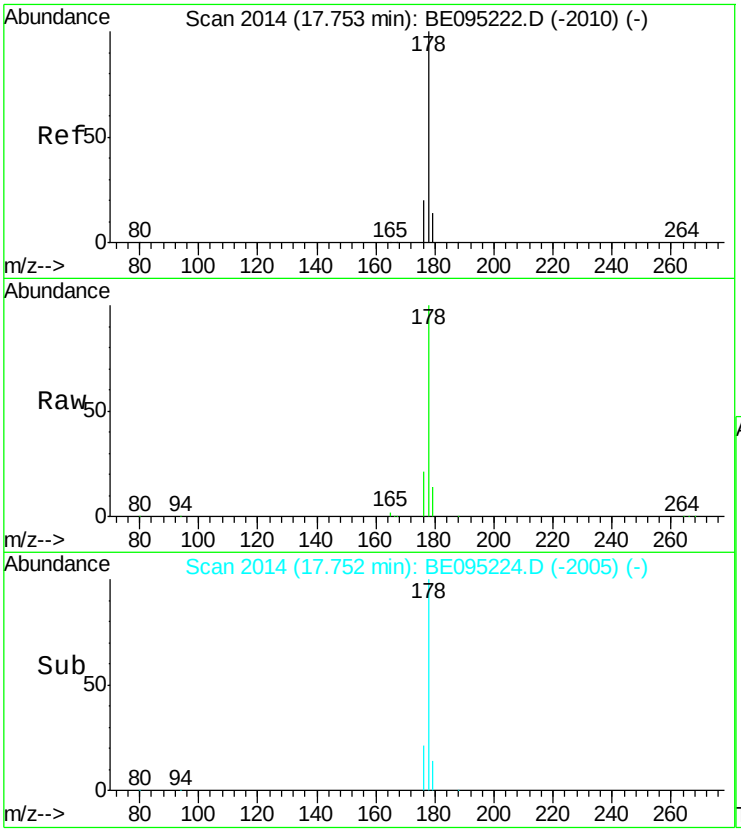



#11
Pentachlorophenol
Concen: 0.576 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:266 Resp: 1470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 66.1 | 47.9 | 71.9 |
| 268 | 62.4 | 49.8 | 74.8 |

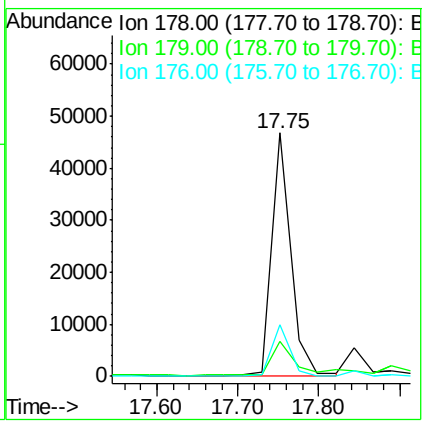





#12
Phenanthrene
Concen: 1.729 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:178 Resp: 76553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.5 | 18.4 | 27.6# |
| 176 | 21.1 | 13.6 | 20.4# |




**Instrument :**
BNA_E
**ClientSampleId :**
F6A69

**Manual Integrations APPROVED**
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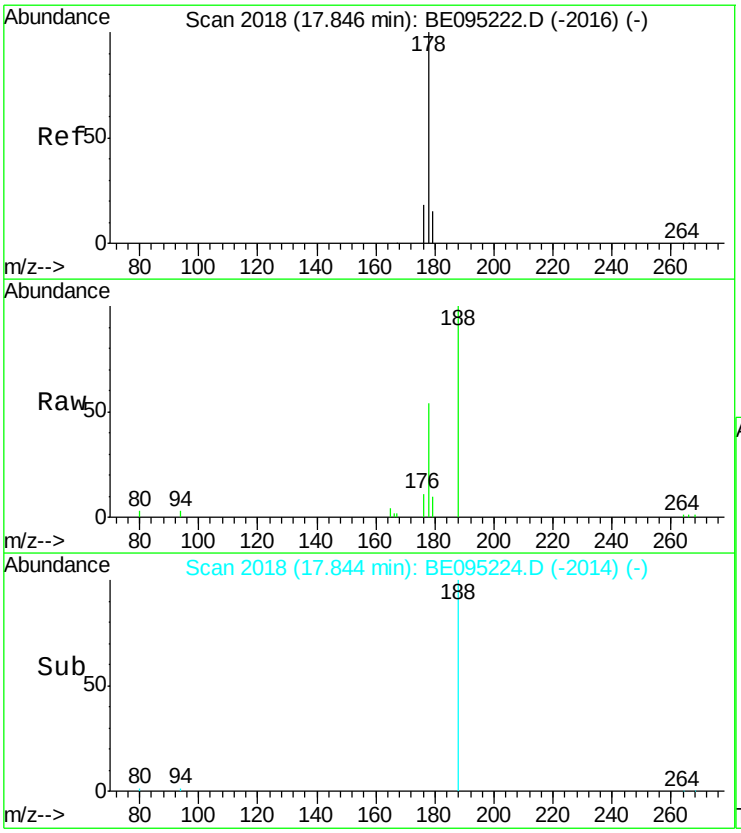
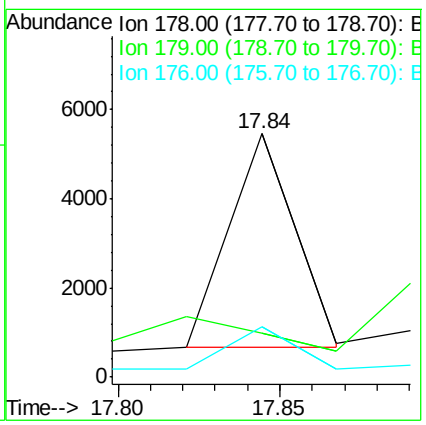
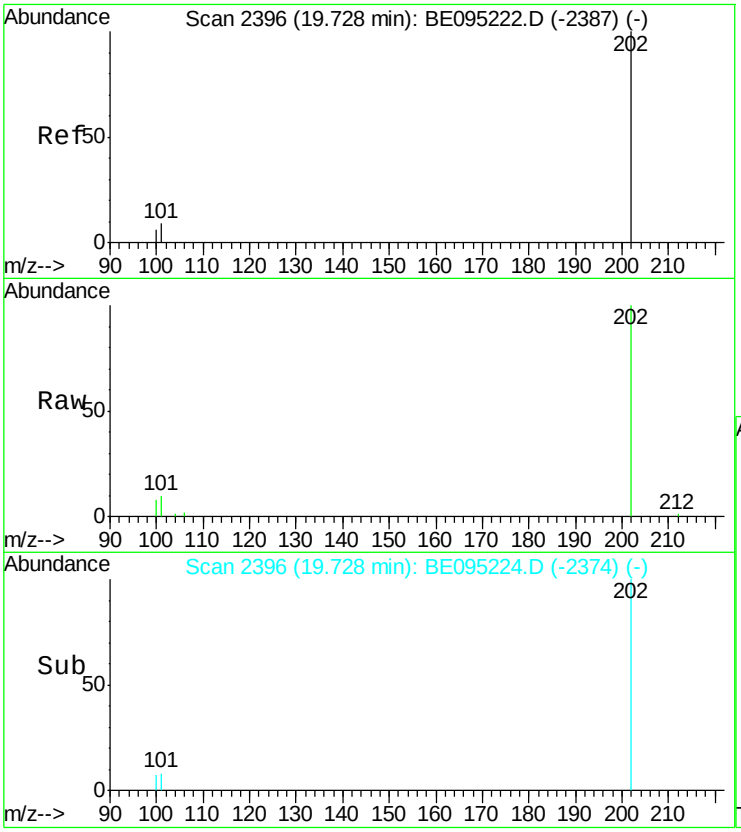



#13
Anthracene
Concen: 0.167 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:178 Resp: 6783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 18.3 | 18.1 | 27.1 |
| 176 | 20.7 | 14.7 | 22.1 |






#15
Fluoranthene
Concen: 0.268 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:202 Resp: 15340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.6 | 0.0 | 30.3 |
| 100 | 7.8 | 0.0 | 39.5 |

**Instrument :**
BNA_E
**ClientSampleId :**
F6A69

**Manual Integrations APPROVED**
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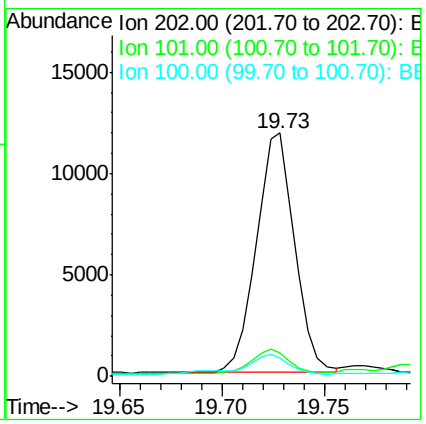
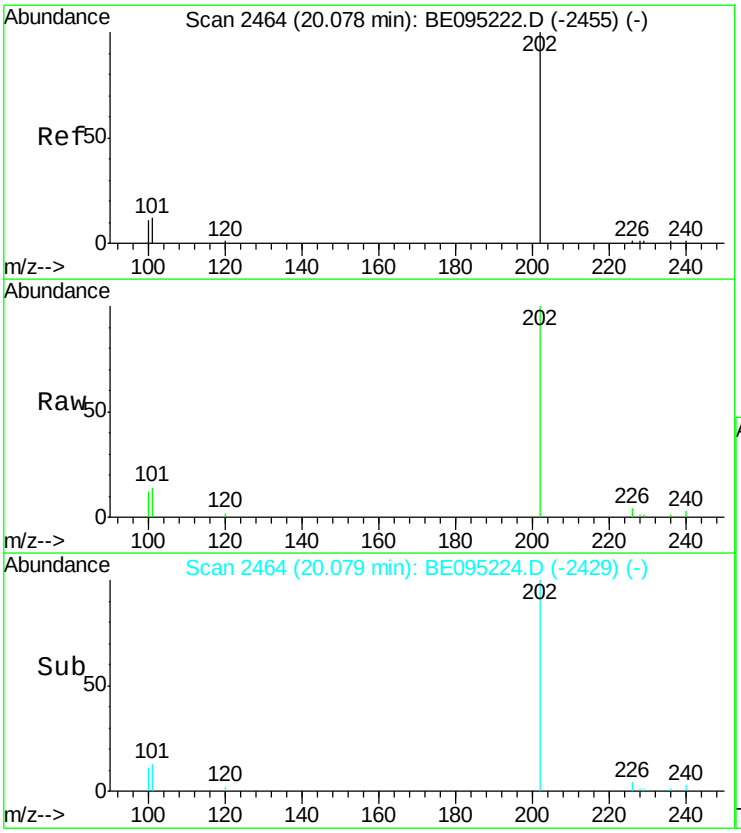
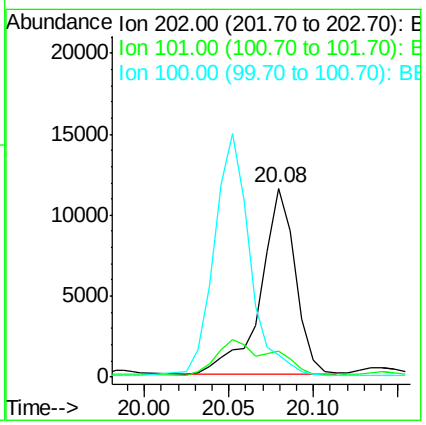


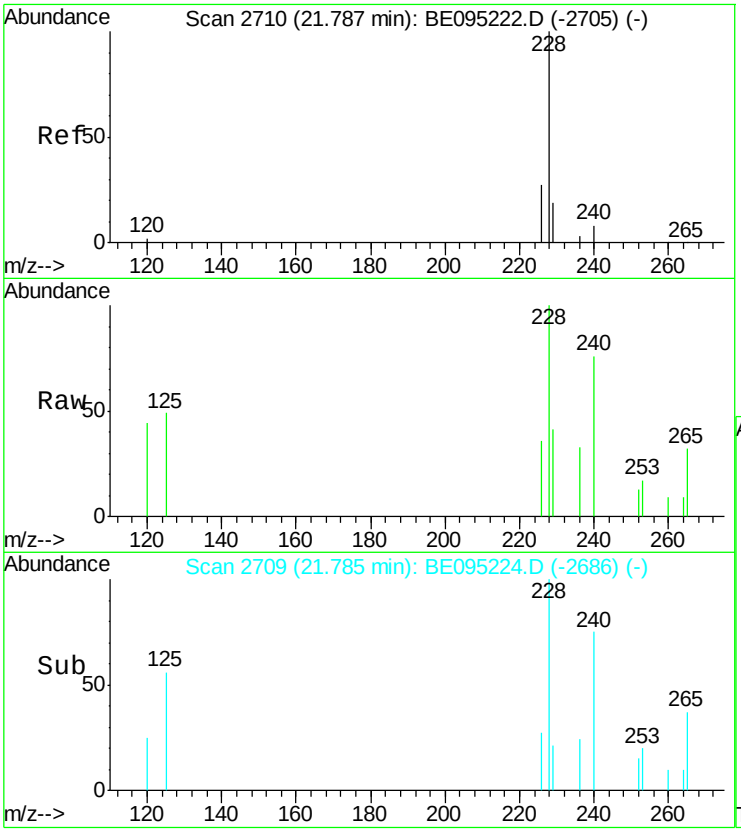




#17
Pyrene
Concen: 0.361 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:202 Resp: 16327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.8 | 18.2 | 27.4# |
| 100 | 11.7 | 15.6 | 23.4# |





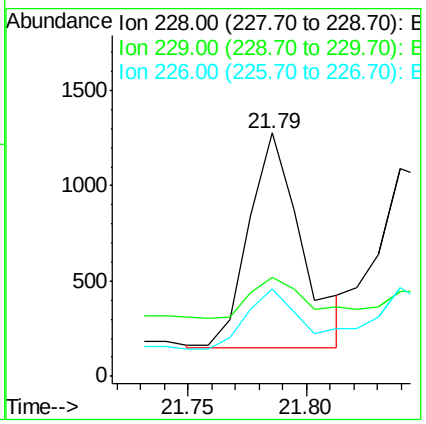

#18
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.79 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

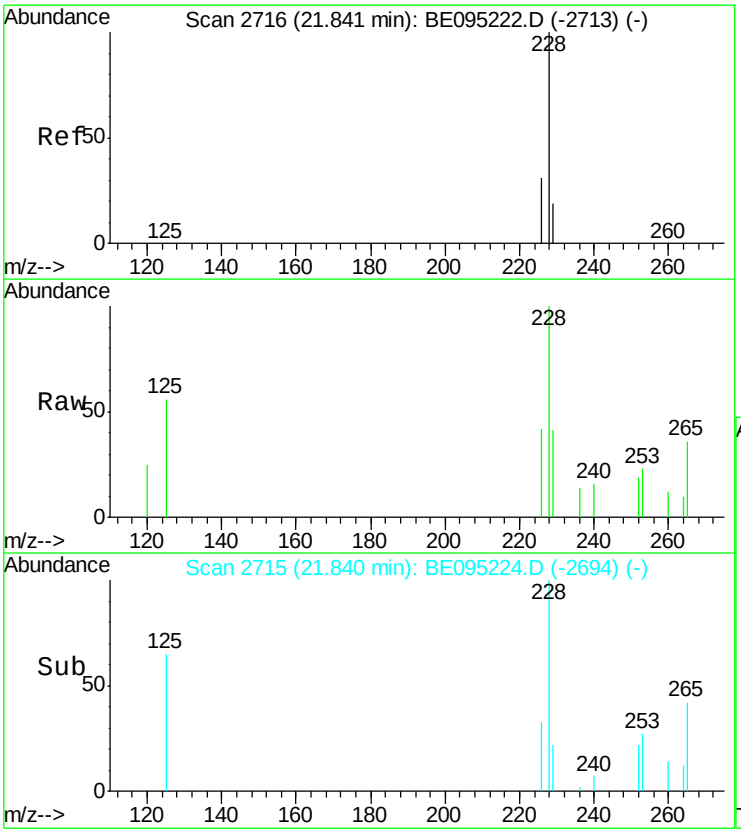
**Instrument :**
BNA_E
**ClientSampleId :**
F6A69

**Manual Integrations APPROVED**
Sohil
1/29/2018 6:26:02 PM

Tgt Ion:228 Resp: 1745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 40.6 | 22.8 | 34.2# |
| 226 | 36.2 | 17.0 | 25.6# |




#19
Chrysene
Concen: 0.037 ng/ul
RT: 21.84 min Scan# 2715
Delta R.T. -0.00 min
Lab File: BE095224.D
Acq: 29 Jan 2018 1:28

Tgt Ion:228 Resp: 1638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 42.4 | 23.4 | 35.0# |
| 229 | 41.0 | 17.7 | 26.5# |