Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025118.D
Acq On : 28 Feb 2020 00:03
Operator : CG/JU
Sample : L1582-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBDK1

**Manual Integrations APPROVED**
mohammad
2/28/2020 2:40:57 PM

Quant Time: Feb 28 06:02:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 2490 | 0.40 | ng/ul | -0.01 |
| 2) Naphthalene-d8 | 10.46 | 136 | 9639 | 0.40 | ng/ul | -0.02 |
| 6) Acenaphthene-d10 | 14.32 | 164 | 6169 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.06 | 188 | 13915m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.24 | 240 | 14755 | 0.40 | ng/ul | -0.01 |
| 20) Perylene-d12 | 23.44 | 264 | 17683 | 0.40 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.05 | 152 | 6481 | 0.36 | ng/ul | -0.02 |
| 14) Fluoranthene-d10 | 19.09 | 212 | 17848 | 0.37 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.51 | 128 | 4952 | 0.169 | ng/ul# | 88 |
| 5) 2-Methylnaphthalene | 12.13 | 142 | 811 | 0.038 | ng/ul | 100 |
| 8) Acenaphthene | 14.38 | 153 | 1017 | 0.043 | ng/ul | 95 |
| 9) Fluorene | 15.37 | 166 | 888 | 0.030 | ng/ul# | 97 |
| 12) Phenanthrene | 17.10 | 178 | 2488 | 0.051 | ng/ul | 94 |

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

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Sample : L1582-09
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**Instrument :**
BNA_M
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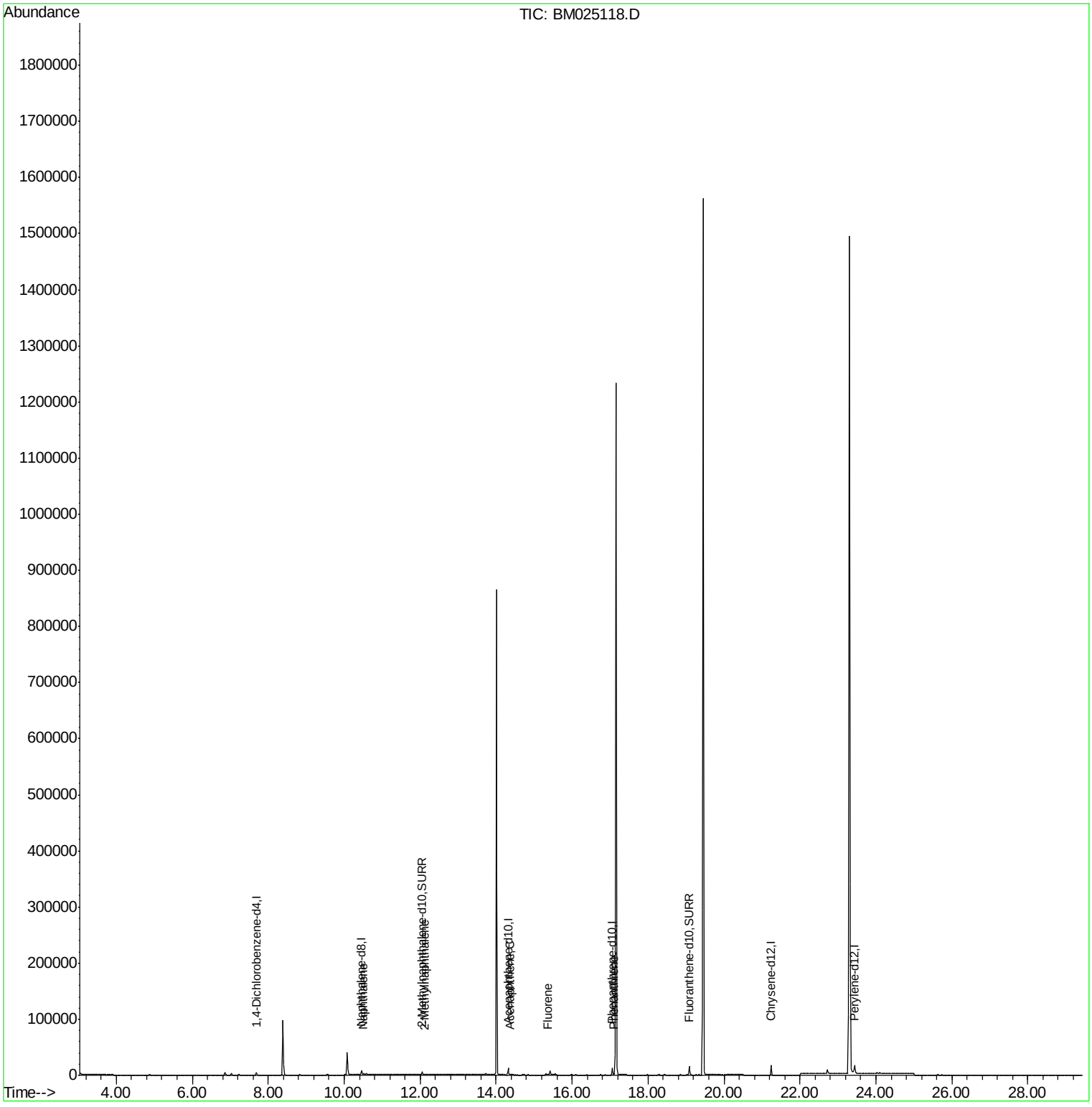

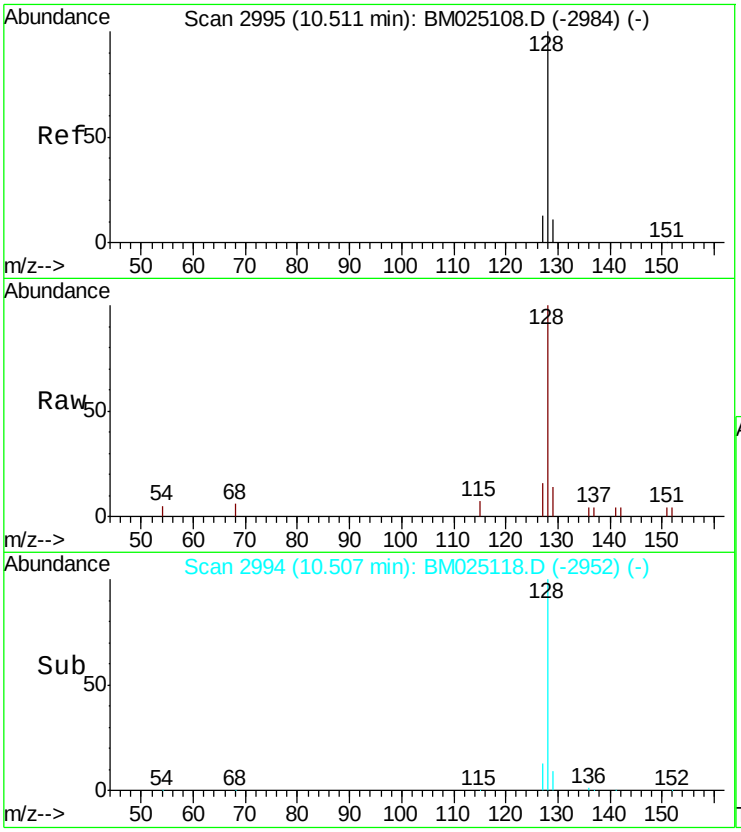


#3
Naphthalene
Concen: 0.169 ng/ul
RT: 10.51 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BM025118.D
Acq: 28 Feb 2020 00:03

Tgt Ion:128 Resp: 4952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 14.2 | 17.0 | 25.6# |
| 127 | 16.1 | 15.7 | 23.5 |

**Instrument :**
BNA_M
**ClientSampleId :**
DBDK1

**Manual Integrations APPROVED**
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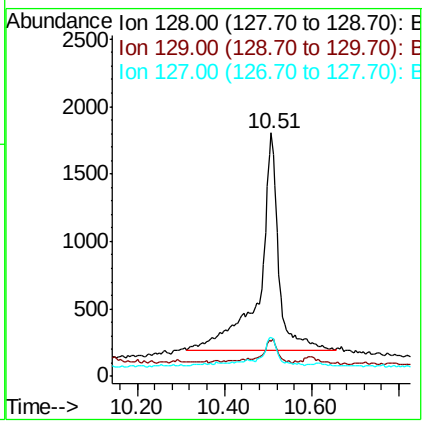
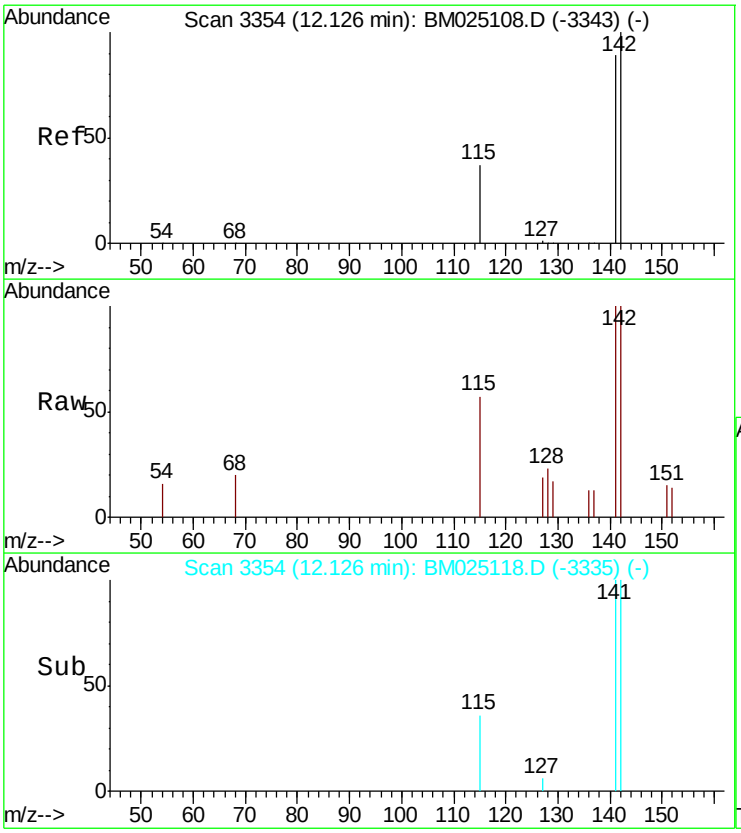
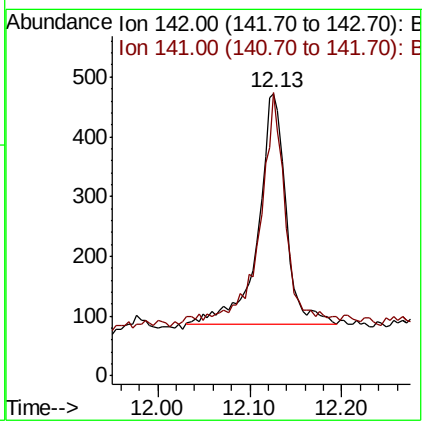


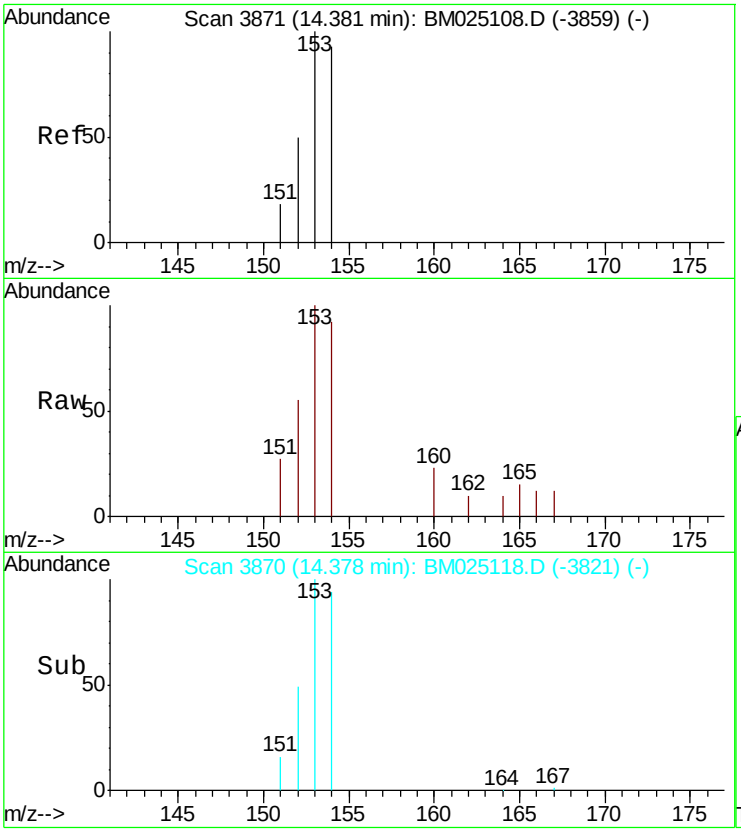




#5
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.13 min Scan# 3354
Delta R.T. -0.02 min
Lab File: BM025118.D
Acq: 28 Feb 2020 00:03

Tgt Ion:142 Resp: 811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.5 | 69.8 | 104.8 |






#8
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.38 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BM025118.D
Acq: 28 Feb 2020 00:03

Tgt Ion:153 Resp: 1017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 54.7 | 40.0 | 60.0 |
| 154 | 92.4 | 71.0 | 106.6 |

**Instrument :**
BNA_M
**ClientSampleId :**
DBDK1

**Manual Integrations APPROVED**
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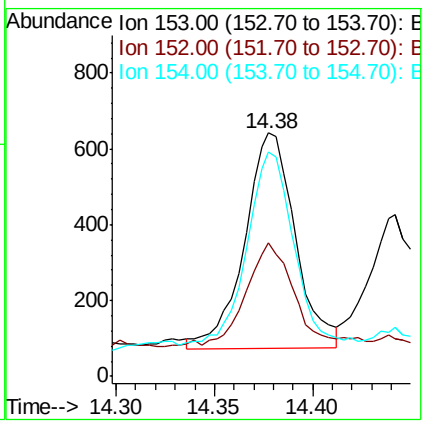
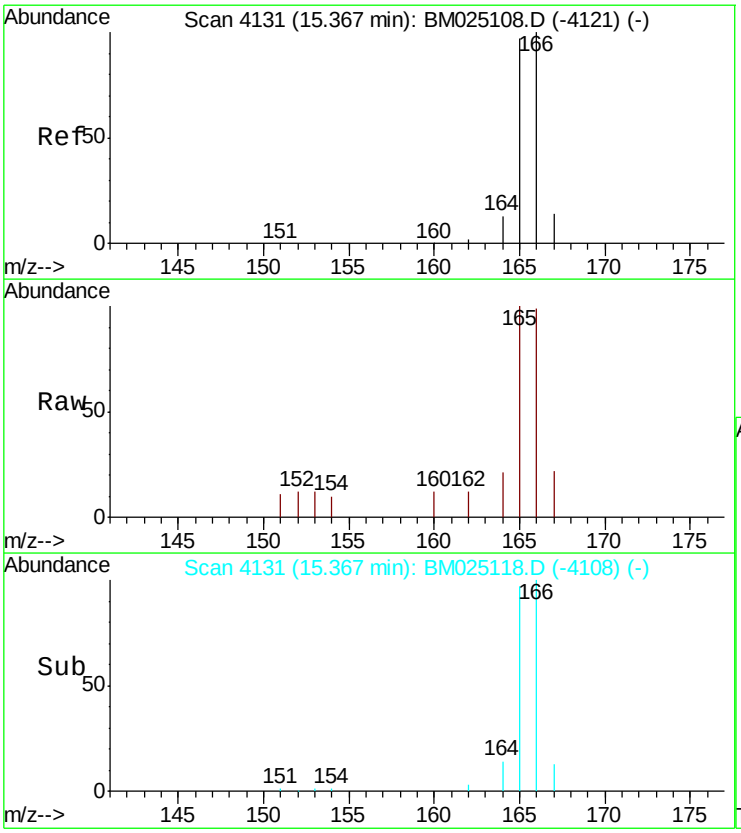
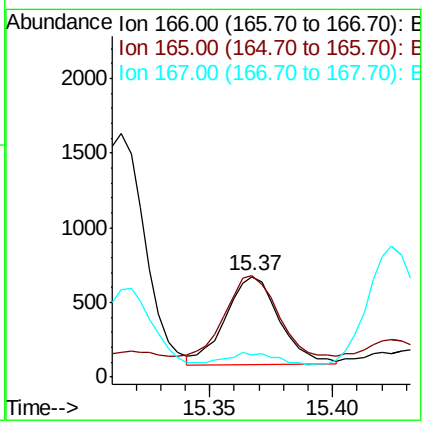


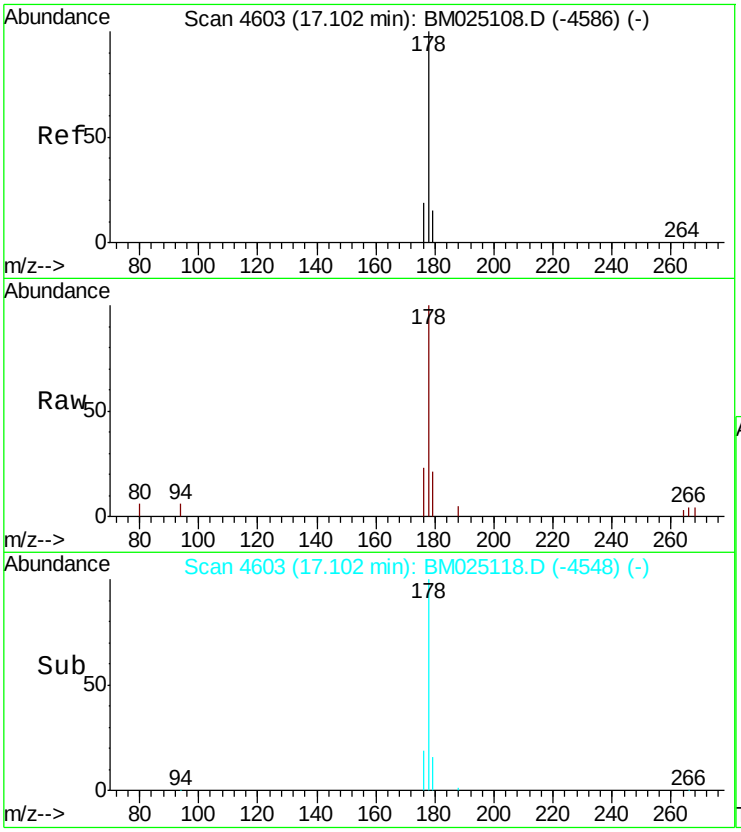




#9
Fluorene
Concen: 0.030 ng/ul
RT: 15.37 min Scan# 4131
Delta R.T. -0.01 min
Lab File: BM025118.D
Acq: 28 Feb 2020 00:03

Tgt Ion:166 Resp: 888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.3 | 80.0 | 120.0 |
| 167 | 22.4 | 13.7 | 20.5# |

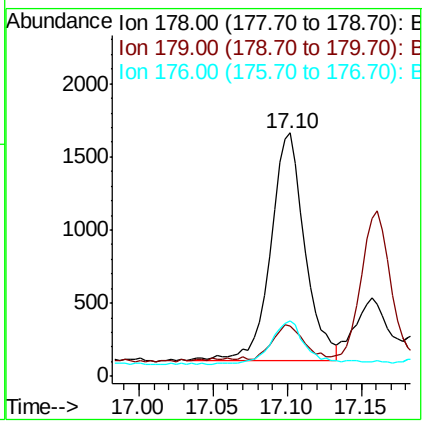





#12
Phenanthrene
Concen: 0.051 ng/ul
RT: 17.10 min Scan# 4603
Delta R.T. -0.01 min
Lab File: BM025118.D
Acq: 28 Feb 2020 00:03

Tgt Ion:178 Resp: 2488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 20.9 | 14.0 | 21.0 |
| 176 | 22.8 | 16.6 | 24.8 |




**Instrument :**
BNA_M
**ClientSampleId :**
DBDK1

**Manual Integrations APPROVED**
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