Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006315.D
Acq On : 13 Jun 2019 17:38
Operator : JU/SJ
Sample : K3215-12DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DB8J7DL

**Manual Integrations APPROVED**
mohammad
6/14/2019 8:49:22 AM

Quant Time: Jun 14 01:33:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 4781 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.42 | 136 | 18728 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.29 | 164 | 11166 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.05 | 188 | 17743m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.26 | 240 | 11719m | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.50 | 264 | 15660 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.02 | 152 | 1931 | 0.07 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.09 | 212 | 3043m | 0.06 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.47 | 128 | 87135 | 1.686 | ng/ul | 99 |
| 5) 2-Methylnaphthalene | 12.09 | 142 | 30063 | 0.835 | ng/ul | 98 |
| 8) Acenaphthene | 14.35 | 153 | 1235 | 0.029 | ng/ul# | 74 |
| 9) Fluorene | 15.35 | 166 | 2131 | 0.042 | ng/ul# | 85 |
| 11) Pentachlorophenol | 16.71 | 266 | 1241m | 0.275 | ng/ul | |

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

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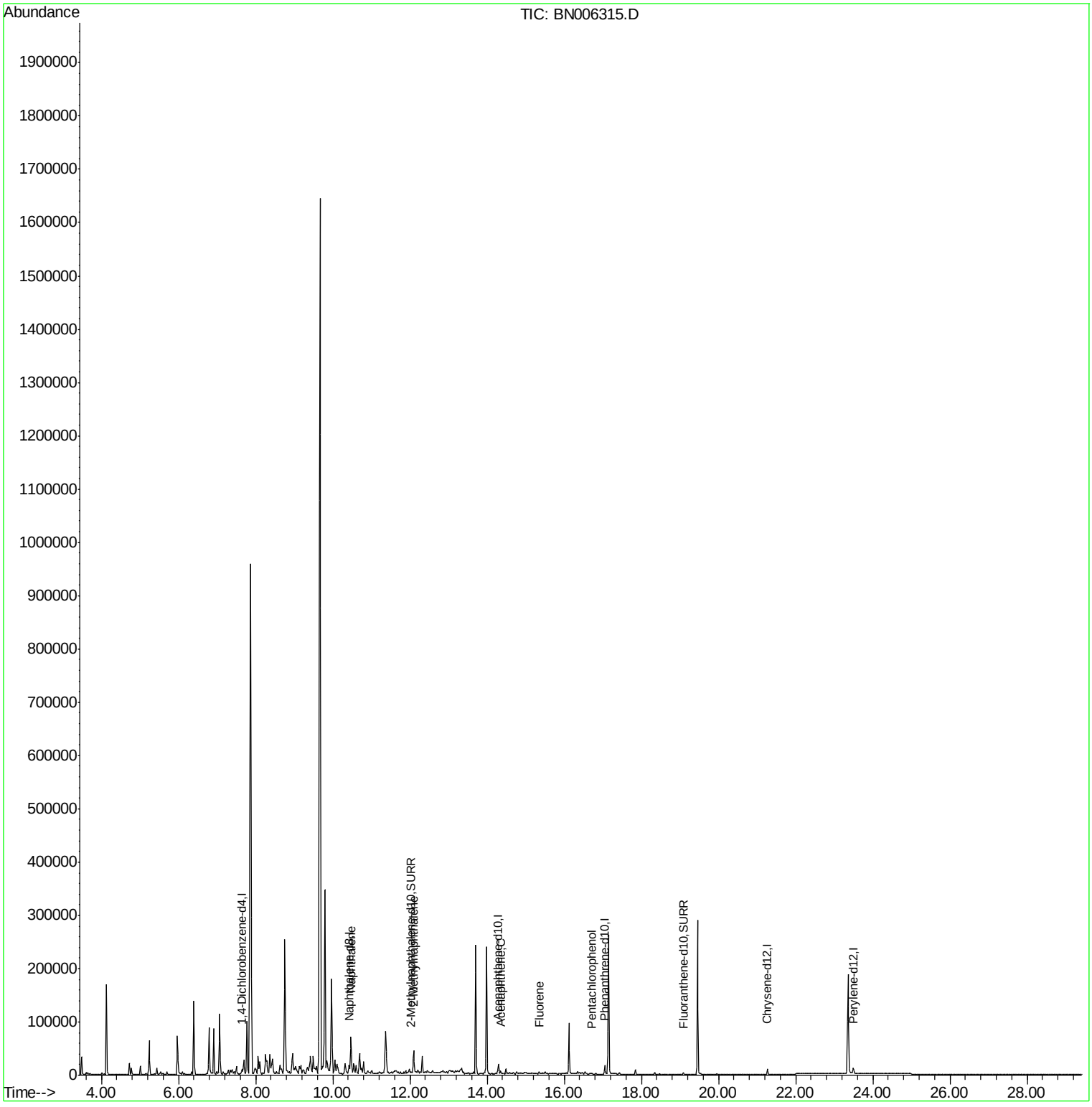
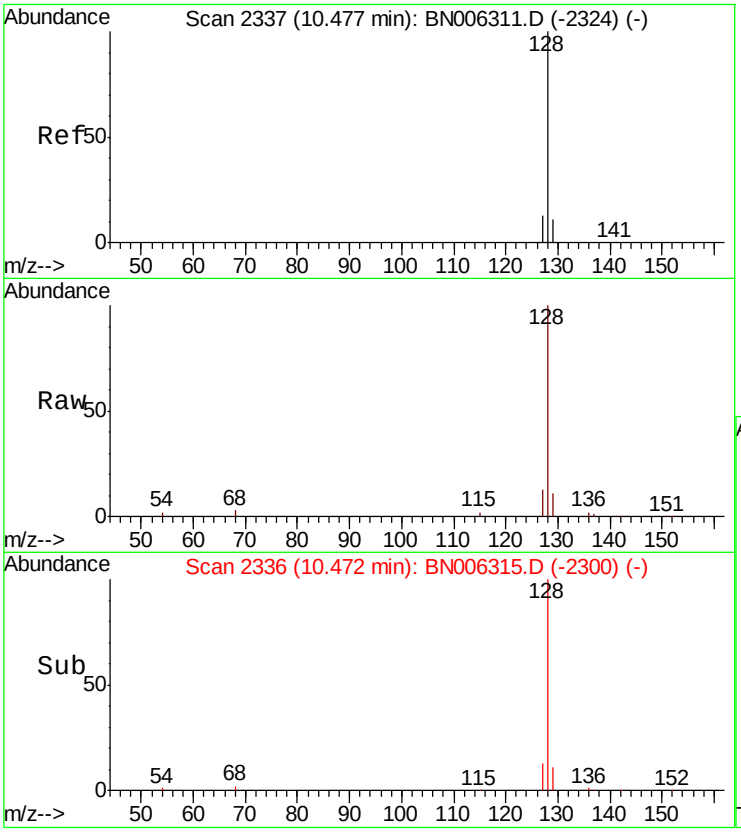
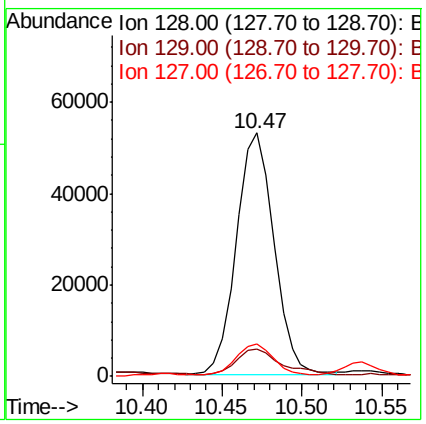





#3
Naphthalene
Concen: 1.686 ng/ul
RT: 10.47 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BN006315.D
Acq: 13 Jun 2019 17:38

Tgt Ion:128 Resp: 87135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.3 | 13.9 |
| 127 | 13.1 | 10.7 | 16.1 |




**Instrument :**
BNA_N
**ClientSampleId :**
DB8J7DL

**Manual Integrations APPROVED**
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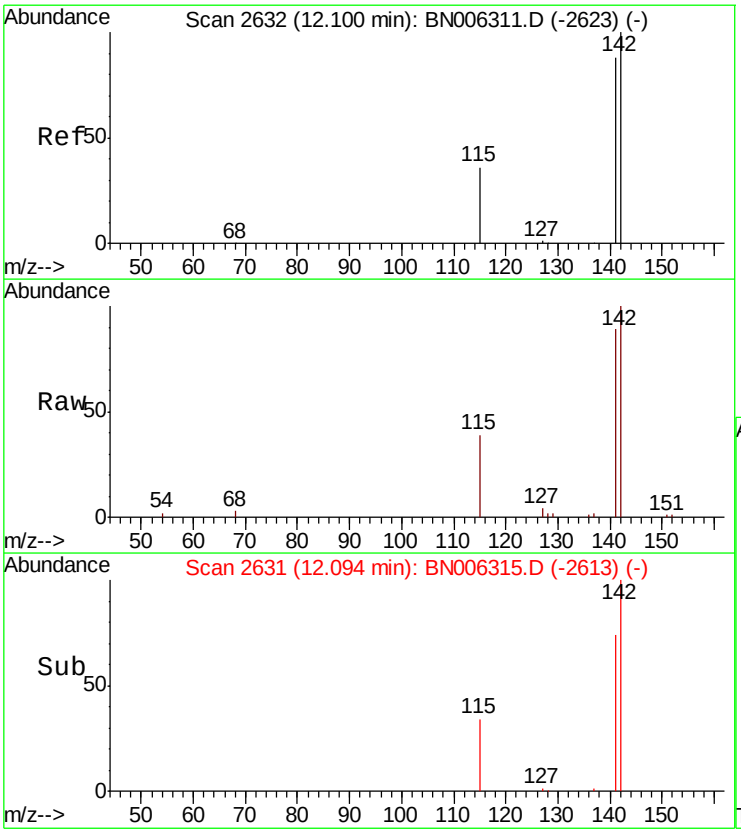
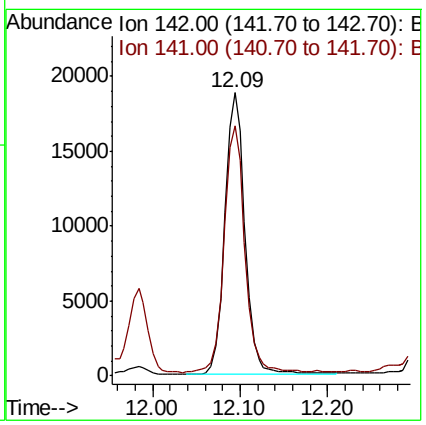
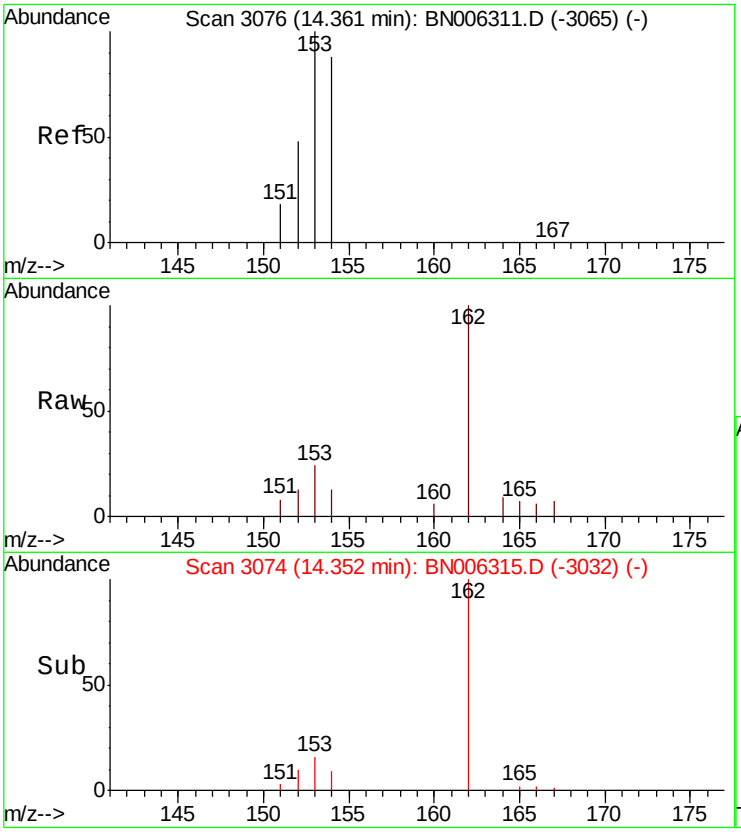



#5
2-Methylnaphthalene
Concen: 0.835 ng/ul
RT: 12.09 min Scan# 2631
Delta R.T. -0.00 min
Lab File: BN006315.D
Acq: 13 Jun 2019 17:38

Tgt Ion:142 Resp: 30063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.1 | 70.3 | 105.5 |






#8
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.35 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BN006315.D
Acq: 13 Jun 2019 17:38

Tgt Ion:153 Resp: 1235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 54.7 | 39.1 | 58.7 |
| 154 | 55.7 | 71.1 | 106.7# |

**Instrument :**
BNA_N
**ClientSampleId :**
DB8J7DL

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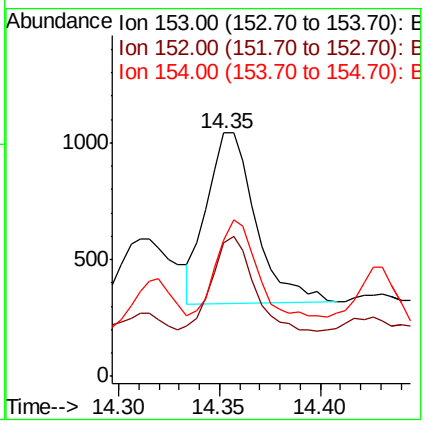
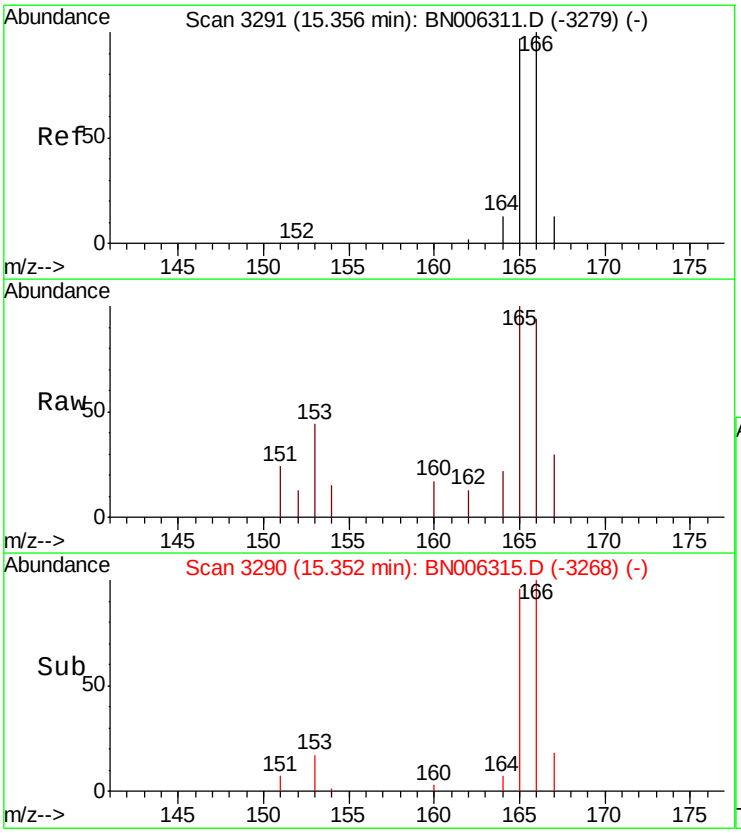
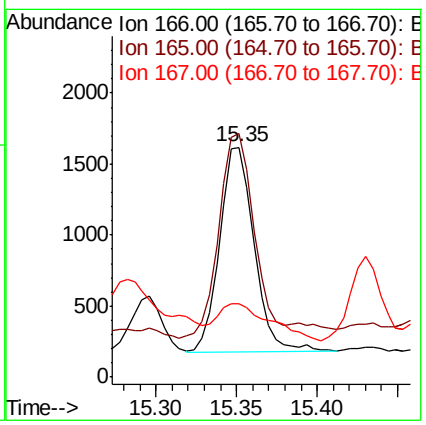


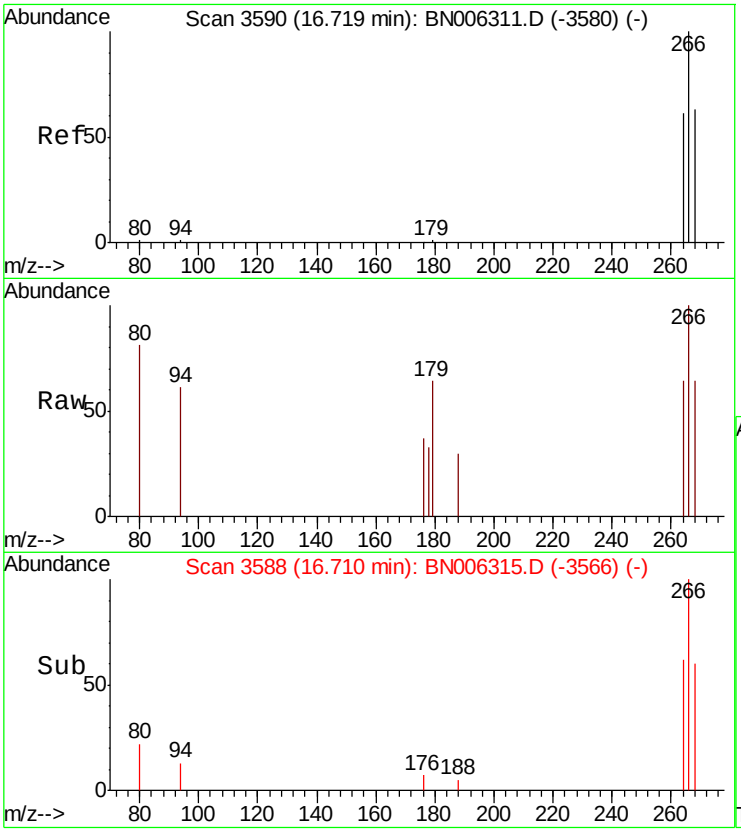




#9
Fluorene
Concen: 0.042 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006315.D
Acq: 13 Jun 2019 17:38

Tgt Ion:166 Resp: 2131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 105.9 | 76.4 | 114.6 |
| 167 | 31.8 | 11.0 | 16.6# |

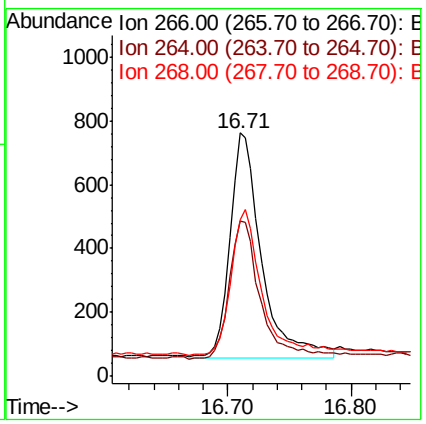





#11
Pentachlorophenol
Concen: 0.275 ng/ul m
RT: 16.71 min Scan# 3588
Delta R.T. -0.01 min
Lab File: BN006315.D
Acq: 13 Jun 2019 17:38

Tgt Ion:266 Resp: 1241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 0.0 | 50.3 | 75.5# |
| 268 | 0.0 | 51.3 | 76.9# |




**Instrument :**
BNA_N
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