Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051619\
Data File : BN005718.D
Acq On : 17 May 2019 00:20
Operator : JU/SJ
Sample : K2690-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5163

Manual Integrations APPROVED
mohammad
5/17/2019 3:36:12 PM

Quant Time: May 17 05:28:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 17 04:47:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 1396 | 0.40 | ng/ul | -0.01 |
| 2) Naphthalene-d8 | 10.35 | 136 | 5928 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.23 | 164 | 3882 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.98 | 188 | 8711m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.22 | 240 | 5564m | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.43 | 264 | 5250m | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.96 | 152 | 2896 | 0.31 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.03 | 212 | 7131m | 0.26 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 5) 2-Methylnaphthalene | 12.03 | 142 | 573 | 0.053 | ng/ul | 100 |
| 12) Phenanthrene | 17.03 | 178 | 3471m | 0.146 | ng/ul | |
| 15) Fluoranthene | 19.06 | 202 | 2099m | 0.064 | ng/ul | |

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

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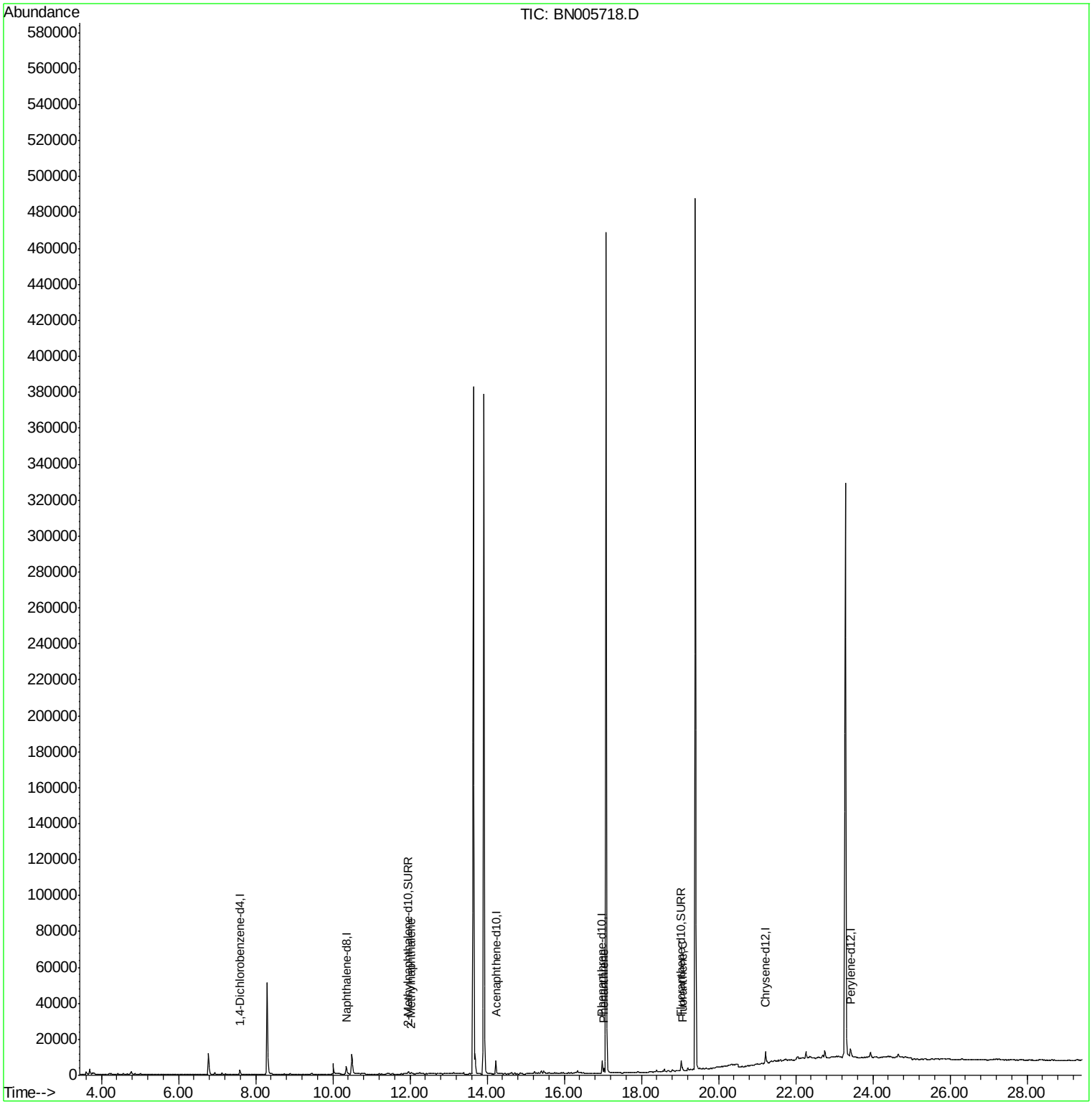
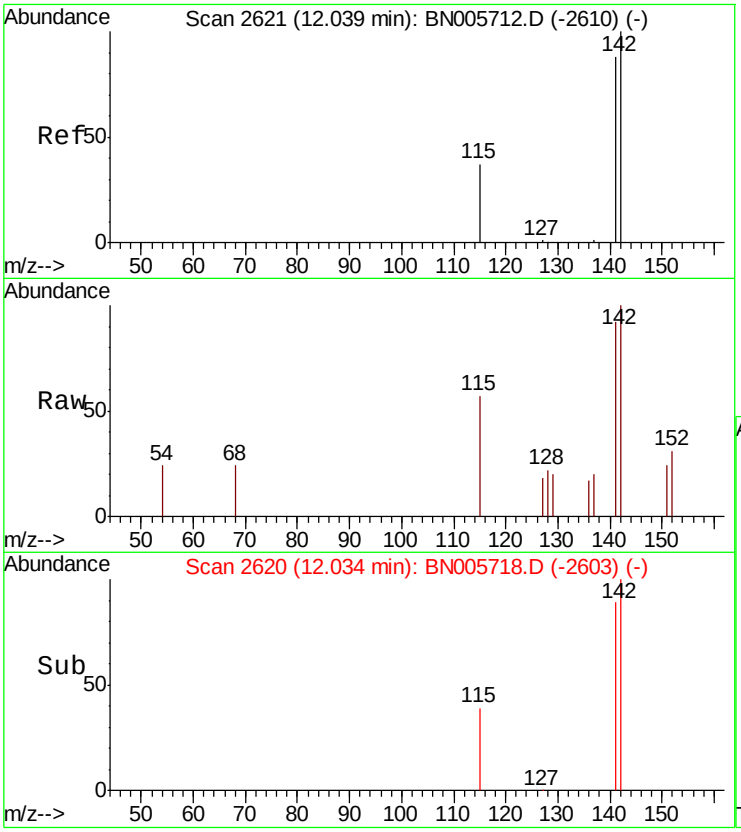
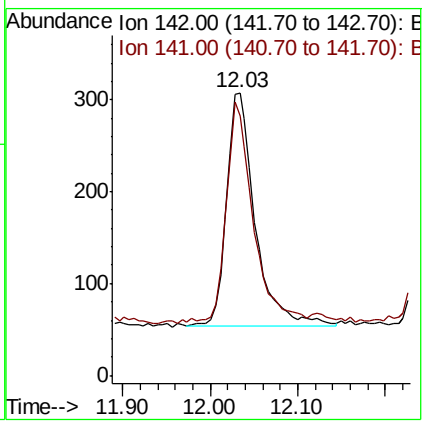





#5
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BN005718.D
Acq: 17 May 2019 00:20

Tgt Ion:142 Resp: 573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.2 | 72.2 | 108.2 |




**Instrument :**
BNA_N
**ClientSampleId :**
A5163

**Manual Integrations APPROVED**
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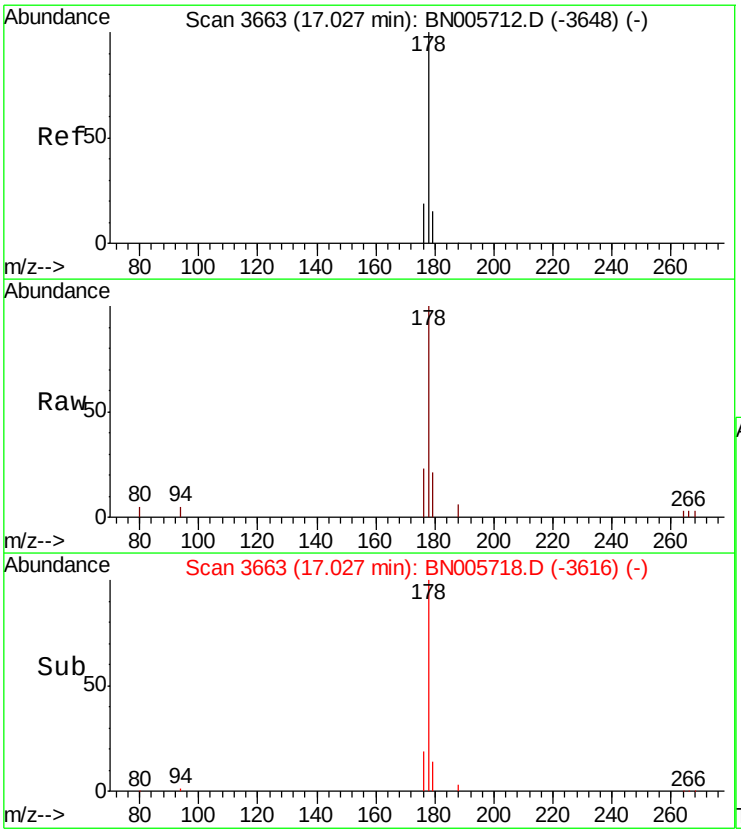
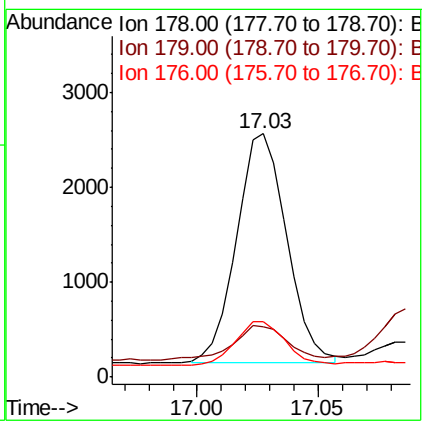
5/17/2019 3:36:12 PM

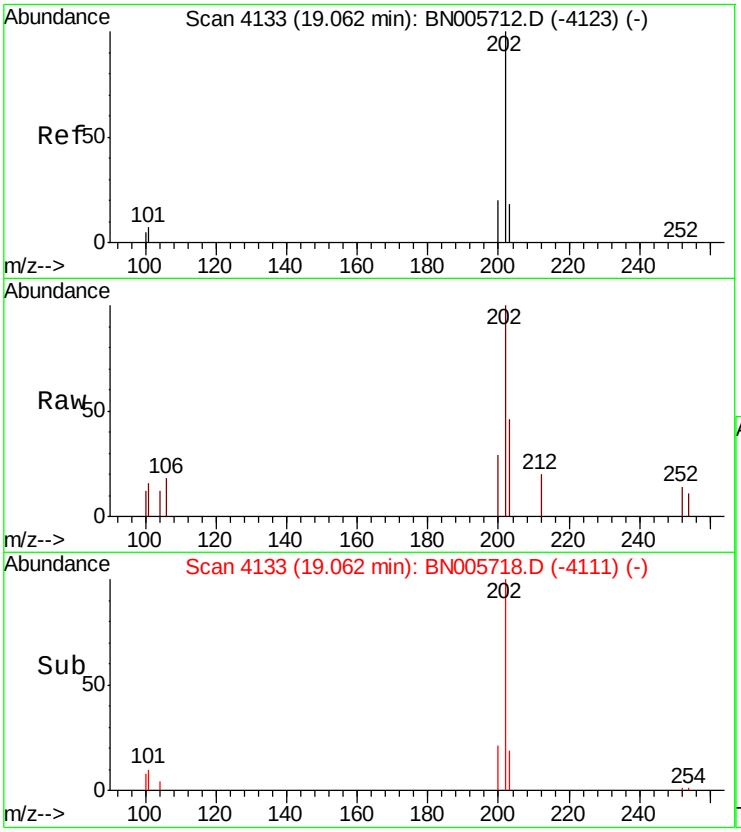



#12
Phenanthrene
Concen: 0.146 ng/ul m
RT: 17.03 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BN005718.D
Acq: 17 May 2019 00:20

Tgt Ion:178 Resp: 3471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 20.8 | 12.8 | 19.2# |
| 176 | 23.0 | 15.3 | 22.9# |

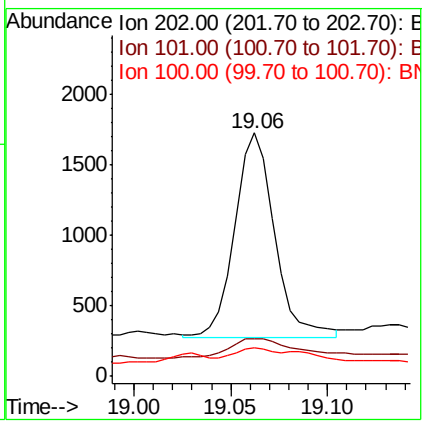





#15
Fluoranthene
Concen: 0.064 ng/ul m
RT: 19.06 min Scan# 4133
Delta R.T. 0.00 min
Lab File: BN005718.D
Acq: 17 May 2019 00:20

Tgt Ion:202 Resp: 2099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.6 | 0.0 | 29.4 |
| 100 | 11.9 | 0.0 | 27.1 |




**Instrument :**
BNA_N
**ClientSampleId :**
A5163

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