Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006269.D
Acq On : 12 Jun 2019 05:00
Operator : JU/SJ
Sample : K3215-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Jun 12 06:52:22 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 6620 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.55 | 136 | 1840231 | 0.40 | ng/ul | 0.13 |
| 6) Acenaphthene-d10 | 14.30 | 164 | 22363 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.16 | 188 | 2100651 | 0.40 | ng/ul | 0.11 |
| 16) Chrysene-d12 | 21.36 | 240 | 519 | 0.40 | ng/ul | 0.10 |
| 20) Perylene-d12 | 23.49 | 264 | 25727 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.25 | 152 | 42155 | 0.01 | ng/ul | 0.23 |
| 14) Fluoranthene-d10 | 19.21 | 212 | 457 | 0.00 | ng/ul | 0.12 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.49 | 128 | 1533684 | 0.302 | ng/ul | 99 |
| 5) 2-Methylnaphthalene | 12.33 | 142 | 453483 | 0.128 | ng/ul | 92 |
| 7) Acenaphthylene | 14.03 | 152 | 4115 | 0.033 | ng/ul# | 1 |
| 8) Acenaphthene | 14.44 | 153 | 4294 | 0.050 | ng/ul | 90 |
| 9) Fluorene | 15.36 | 166 | 46940 | 0.465 | ng/ul# | 85 |
| 11) Pentachlorophenol | 16.77 | 266 | 6854085 | 12.841 | ng/ul | 99 |
| 17) Pyrene | 19.57 | 202 | 375 | 0.137 | ng/ul# | 1 |
| 19) Chrysene | 21.38 | 228 | 69 | 0.032 | ng/ul# | 1 |
| 23) Benzo(a)pyrene | 23.35 | 252 | 5588 | 0.056 | ng/ul# | 41 |

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

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**Instrument :**
BNA_N
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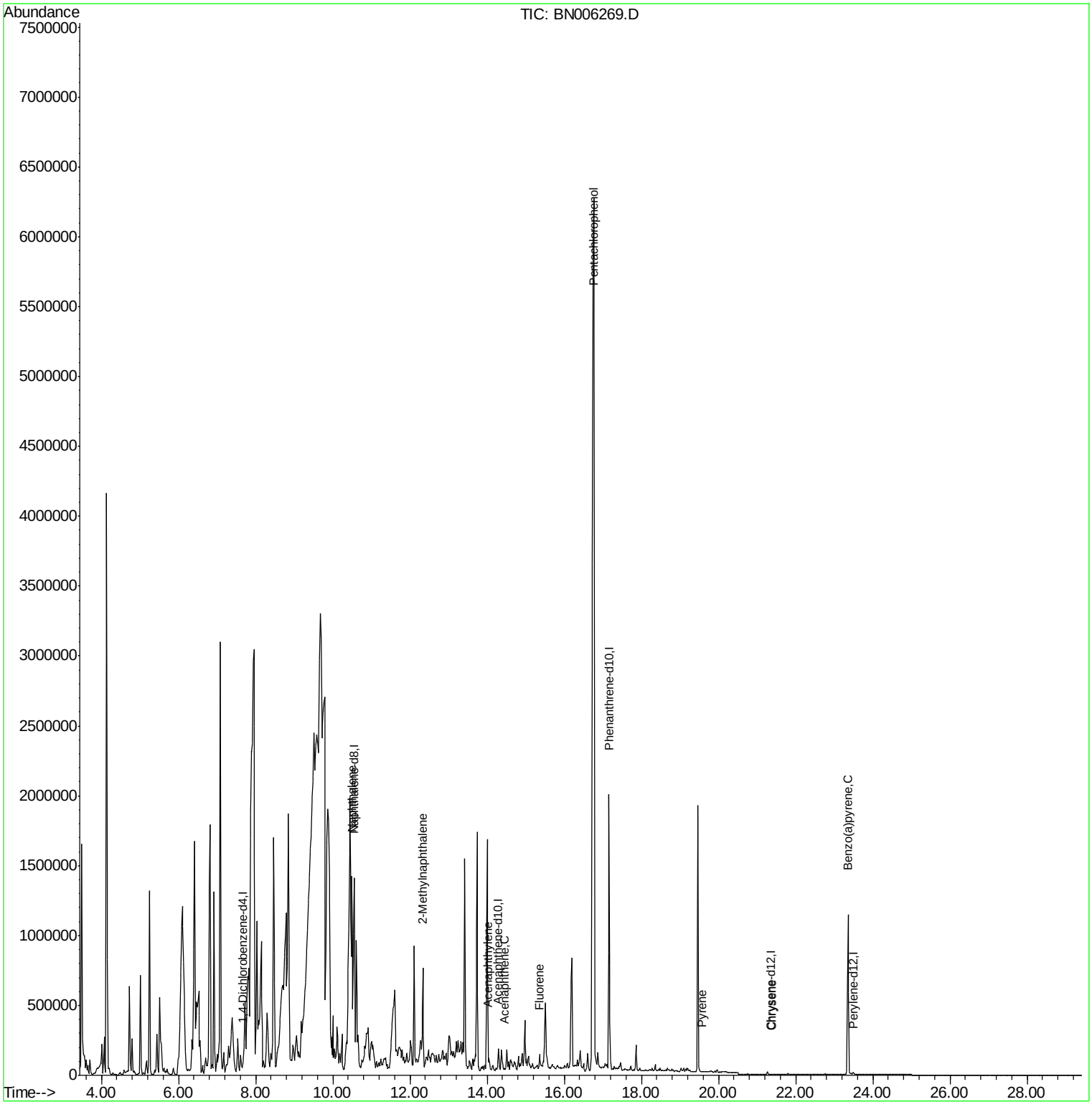
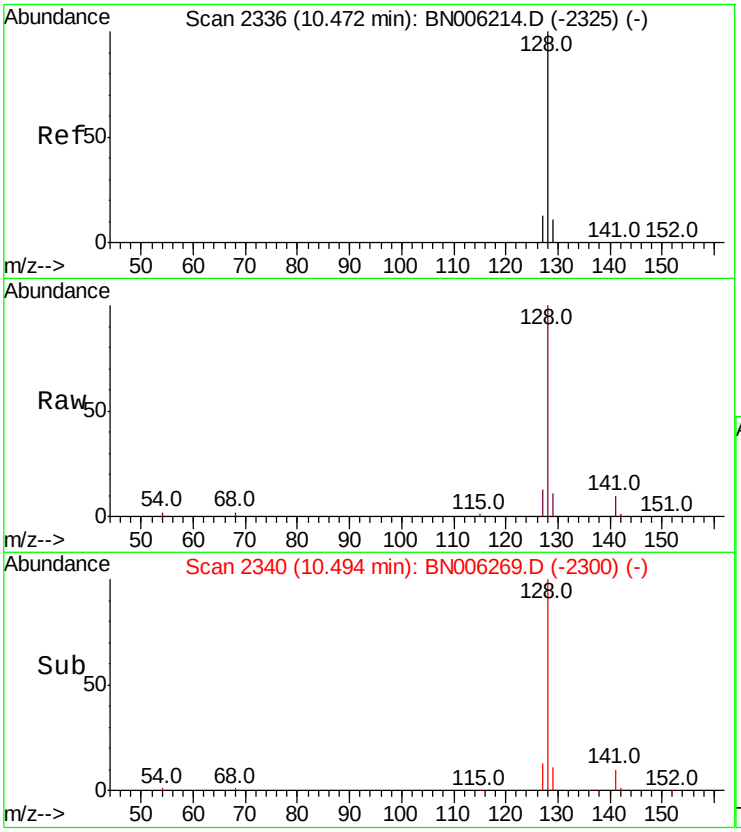
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration



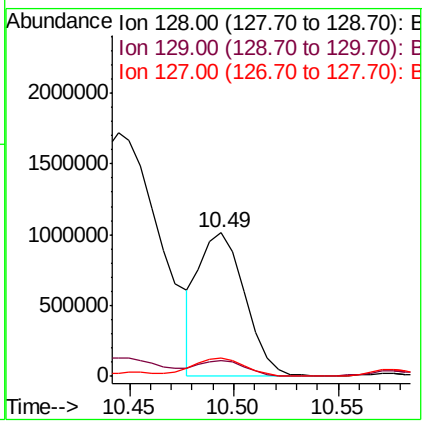


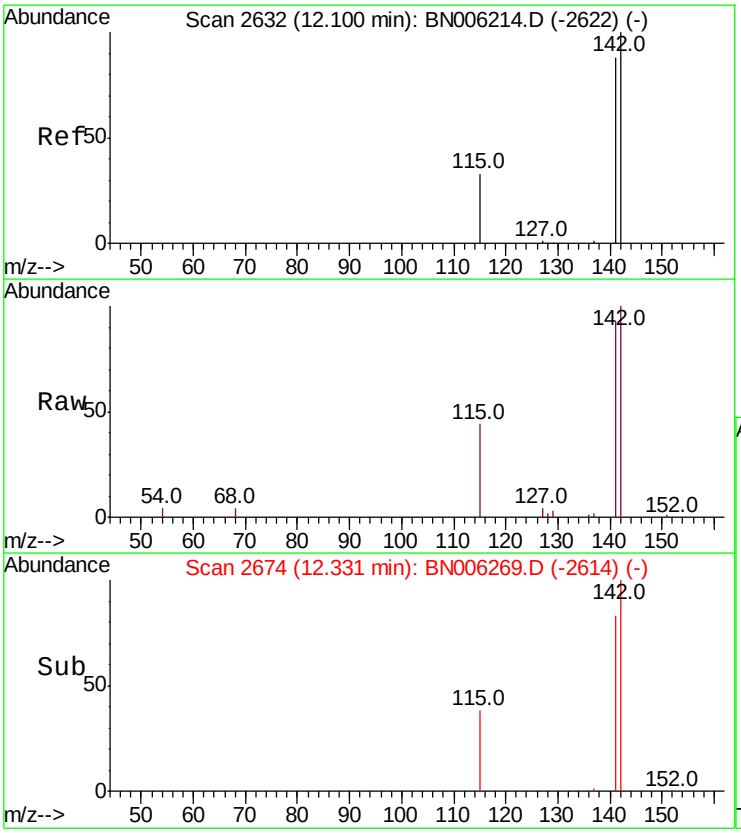

#3
Naphthalene
Concen: 0.302 ng/ul
RT: 10.49 min Scan# 2340
Delta R.T. 0.02 min
Lab File: BN006269.D
Acq: 12 Jun 2019 05:00

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

Tgt Ion:128 Resp: 1533684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.3 | 13.9 |
| 127 | 13.0 | 10.7 | 16.1 |

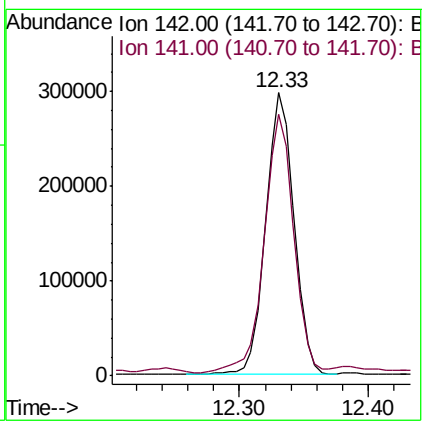


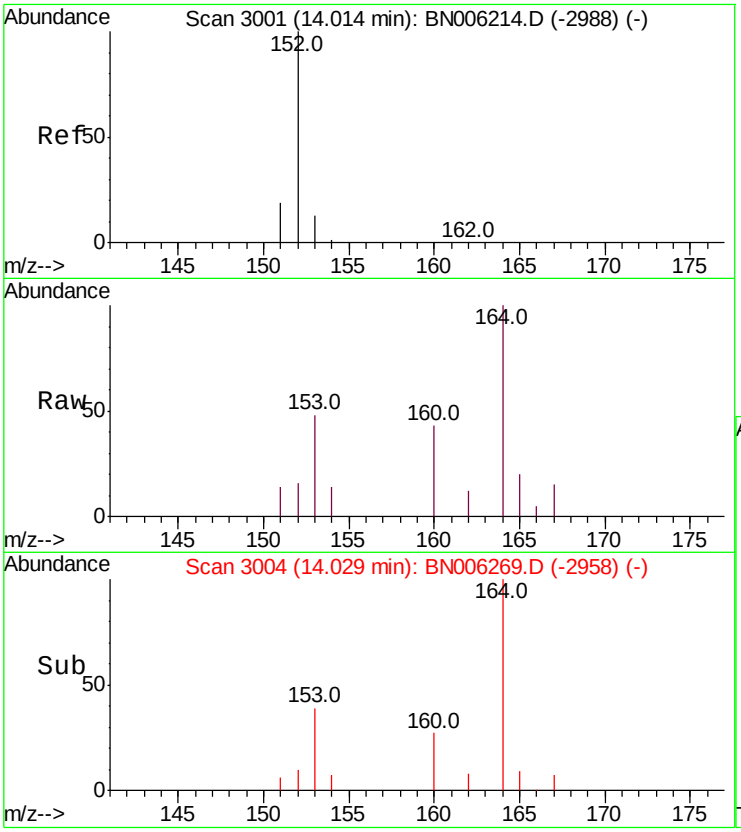




#5
2-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.33 min Scan# 2674
Delta R.T. 0.23 min
Lab File: BN006269.D
Acq: 12 Jun 2019 05:00

Tgt Ion:142 Resp: 453483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.7 | 70.3 | 105.5 |



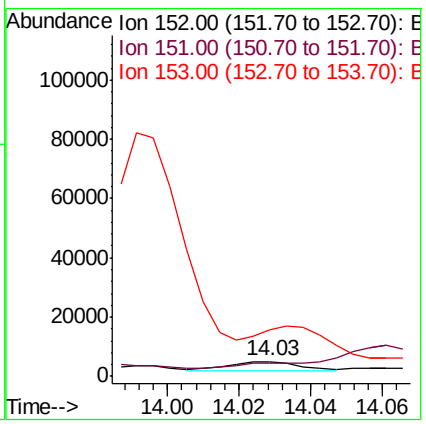


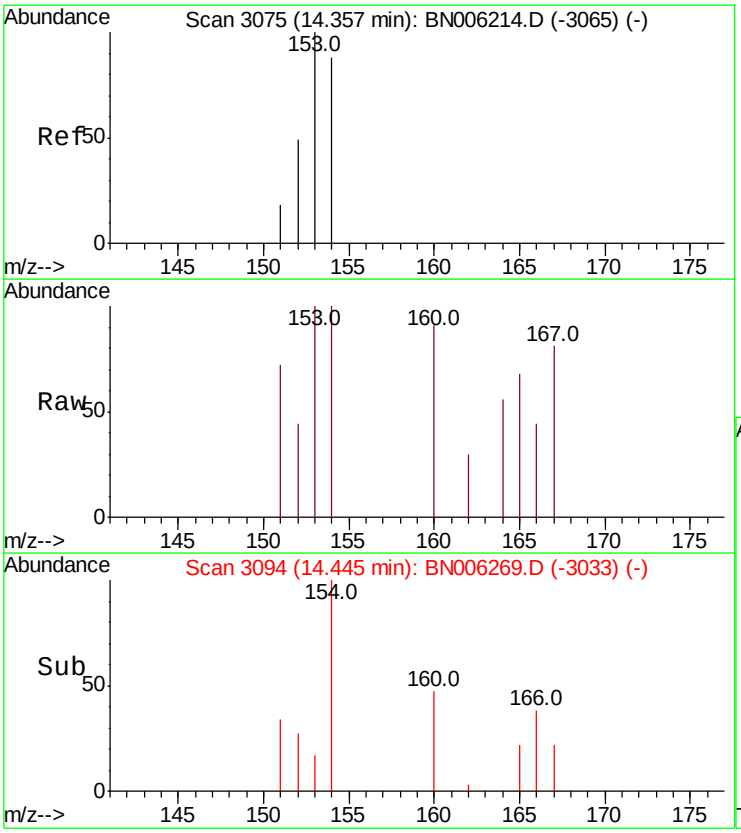

#7
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.03 min Scan# 3004
Delta R.T. 0.01 min
Lab File: BN006269.D
Acq: 12 Jun 2019 05:00

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

Tgt Ion:152 Resp: 4115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 89.1 | 15.8 | 23.8# |
| 153 | 307.6 | 10.8 | 16.2# |

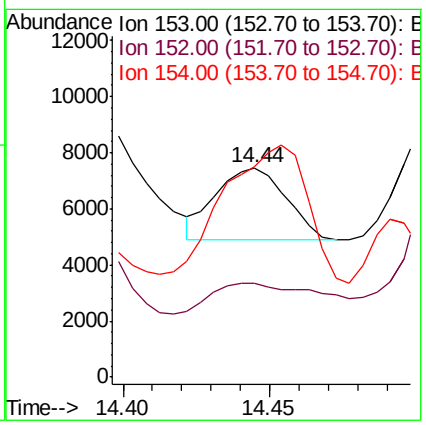


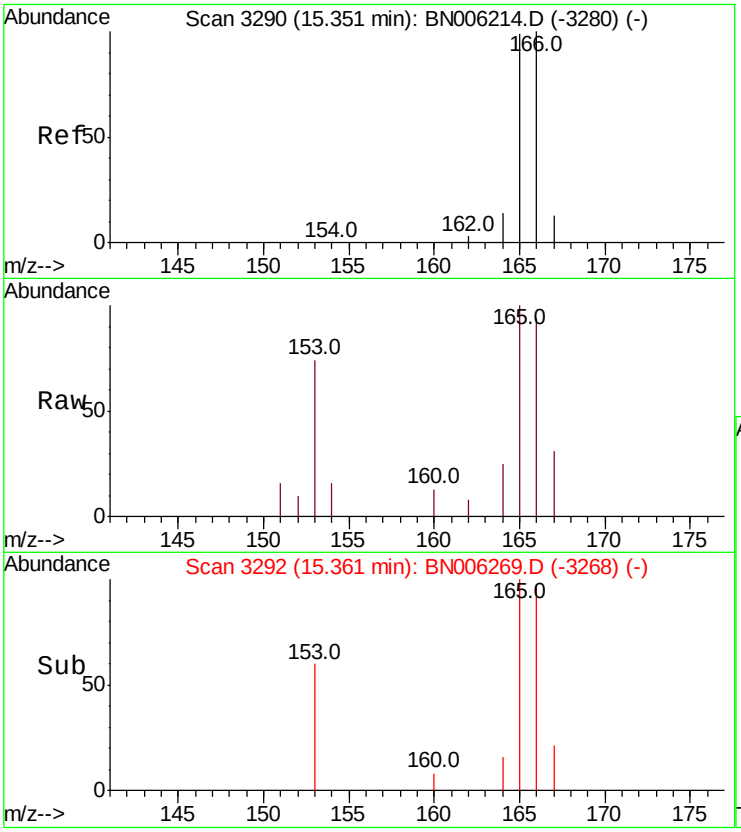




#8
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.44 min Scan# 3094
Delta R.T. 0.08 min
Lab File: BN006269.D
Acq: 12 Jun 2019 05:00

Tgt Ion:153 Resp: 4294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 44.6 | 39.1 | 58.7 |
| 154 | 100.5 | 71.1 | 106.7 |



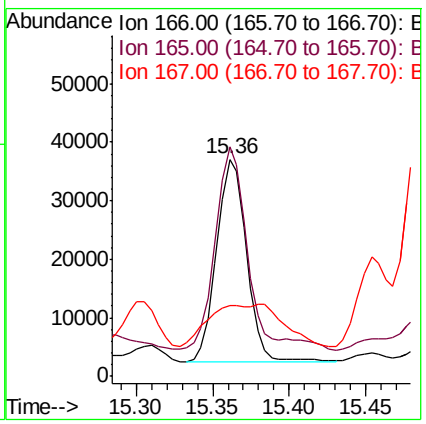


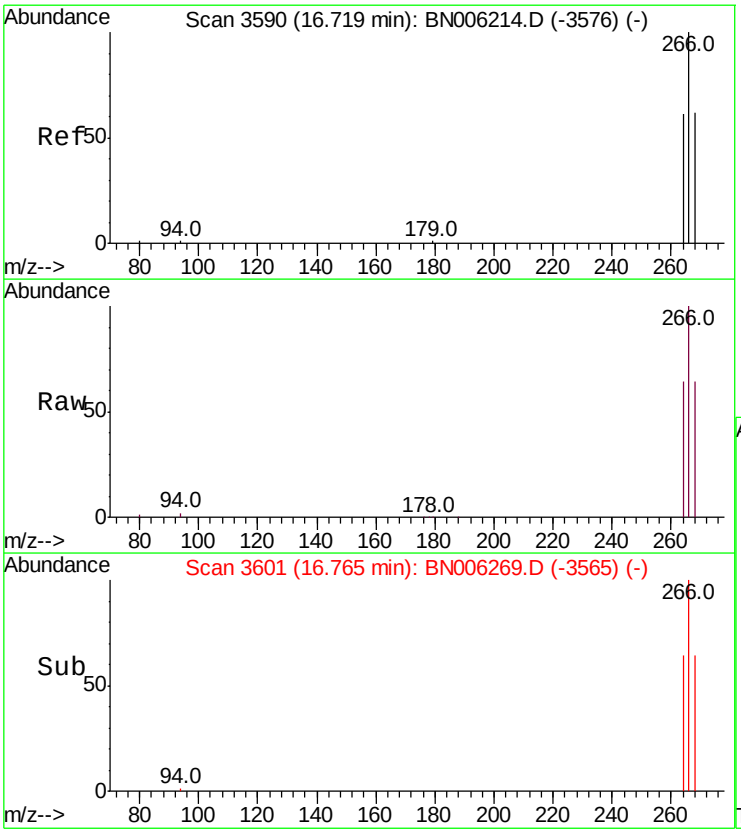

#9
Fluorene
Concen: 0.465 ng/ul
RT: 15.36 min Scan# 3292
Delta R.T. 0.01 min
Lab File: BN006269.D
Acq: 12 Jun 2019 05:00

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

Tgt Ion:166 Resp: 46940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 106.0 | 76.4 | 114.6 |
| 167 | 32.6 | 11.0 | 16.6# |

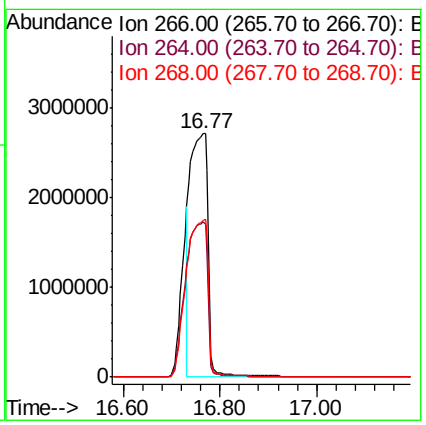


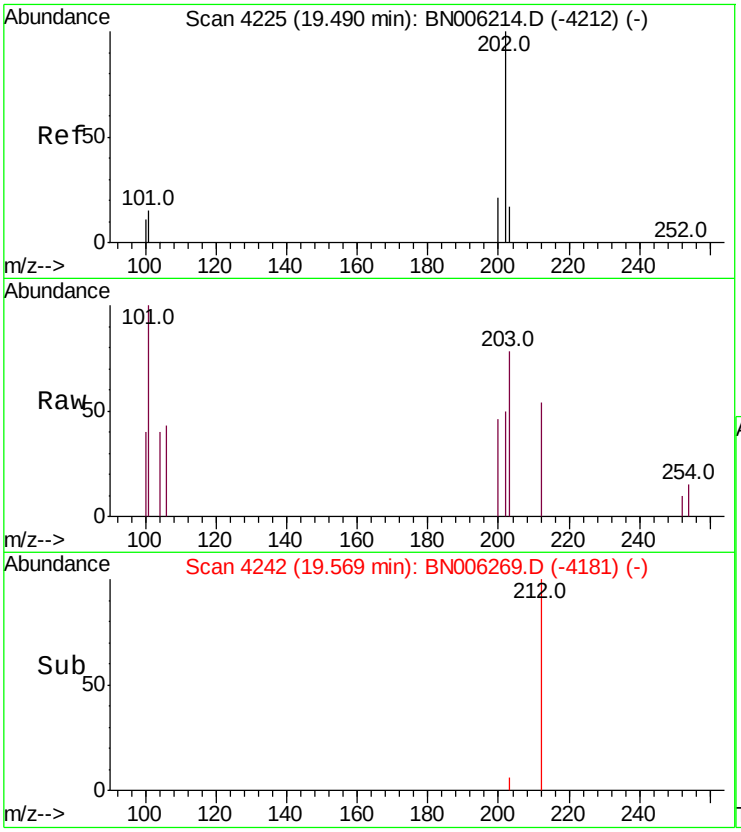




#11
Pentachlorophenol
Concen: 12.841 ng/ul
RT: 16.77 min Scan# 3601
Delta R.T. 0.05 min
Lab File: BN006269.D
Acq: 12 Jun 2019 05:00

Tgt Ion:266 Resp: 6854085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.2 | 50.3 | 75.5 |
| 268 | 65.3 | 51.3 | 76.9 |



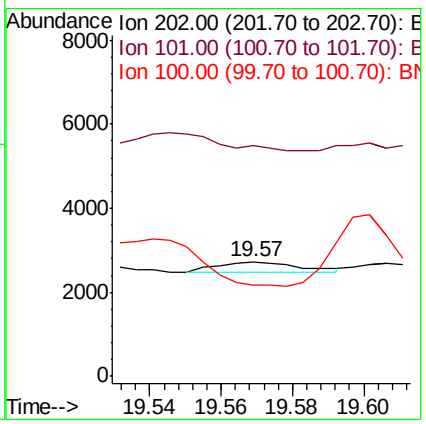


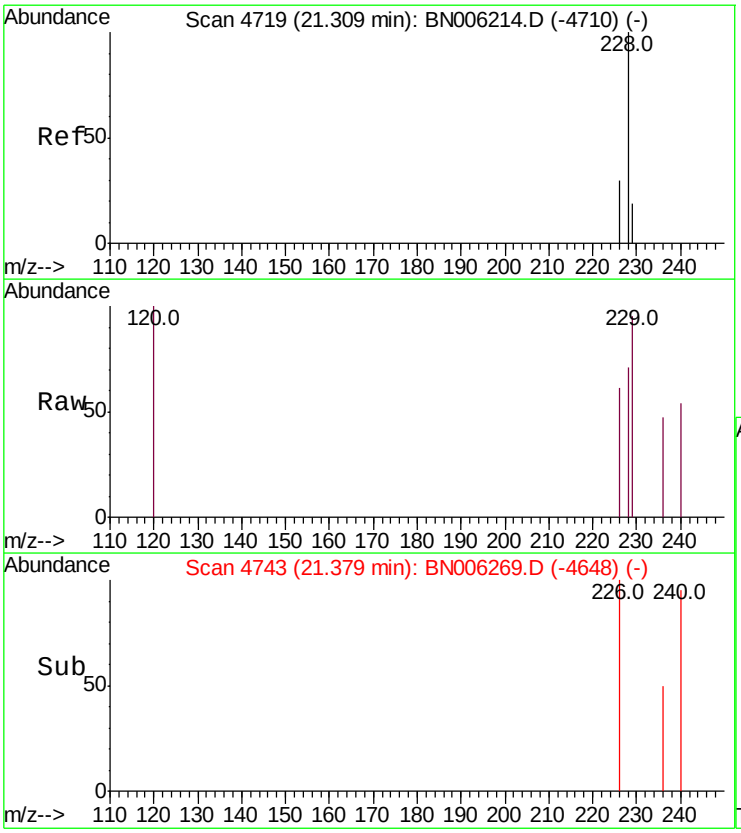

#17
Pyrene
Concen: 0.137 ng/ul
RT: 19.57 min Scan# 4242
Delta R.T. 0.08 min
Lab File: BN006269.D
Acq: 12 Jun 2019 05:00

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

Tgt Ion:202 Resp: 375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 201.7 | 12.2 | 18.2# |
| 100 | 80.4 | 9.8 | 14.6# |

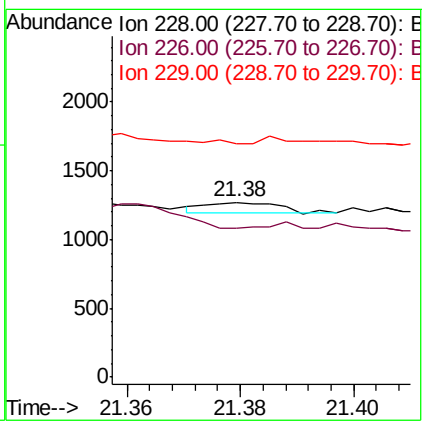


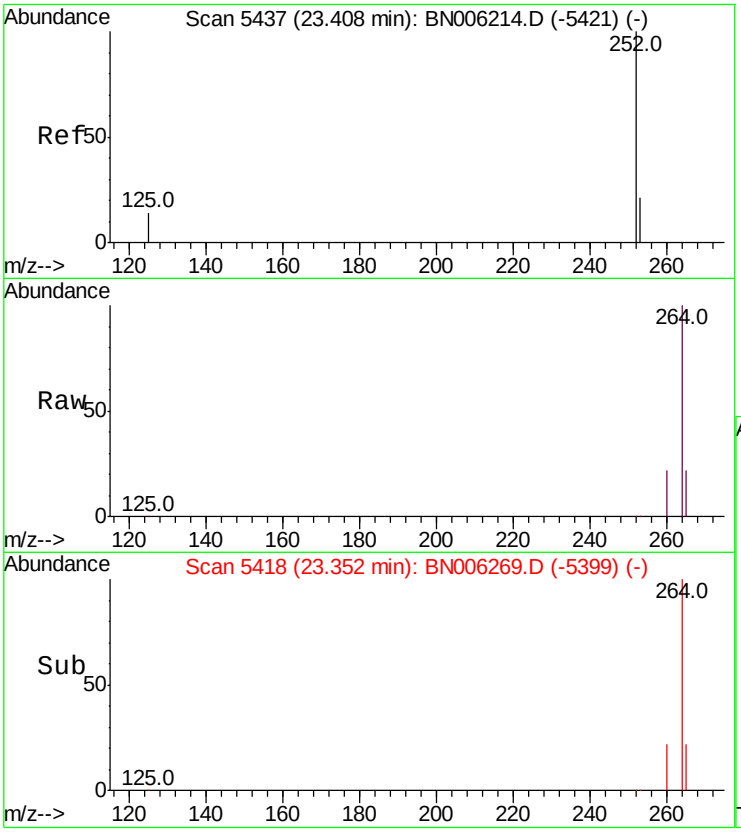




#19
Chrysene
Concen: 0.032 ng/ul
RT: 21.38 min Scan# 4743
Delta R.T. 0.08 min
Lab File: BN006269.D
Acq: 12 Jun 2019 05:00

Tgt Ion:228 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 85.5 | 25.0 | 37.6# |
| 229 | 133.5 | 16.3 | 24.5# |






#23
Benzo(a)pyrene
Concen: 0.056 ng/ul
RT: 23.35 min Scan# 5418
Delta R.T. -0.04 min
Lab File: BN006269.D
Acq: 12 Jun 2019 05:00

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

Tgt Ion:252 Resp: 5588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 49.5 | 21.1 | 31.7# |
| 125 | 62.7 | 20.3 | 30.5# |