Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092218\
Data File : BN002817.D
Acq On : 21 Sep 2018 13:33
Operator : JU/SJ
Sample : J4874-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 21 23:10:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 21 23:09:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 1578 | 0.40 | ng/ul | -0.02 |
| 2) Naphthalene-d8 | 10.42 | 136 | 6020 | 0.40 | ng/ul | -0.02 |
| 6) Acenaphthene-d10 | 14.28 | 164 | 3182 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.13 | 188 | 523173 | 0.40 | ng/ul | 0.08 |
| 16) Chrysene-d12 | 21.39 | 240 | 108 | 0.40 | ng/ul | 0.14 |
| 20) Perylene-d12 | 23.78 | 264 | 11 | 0.40 | ng/ul | 0.31 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.03 | 152 | 3222 | 0.37 | ng/ul | -0.01 |
| 14) Fluoranthene-d10 | 0.00 | 212 | 0 | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Acenaphthene | 14.35 | 153 | 551 | 0.050 | ng/ul | 96 |
| 17) Pyrene | 19.46 | 202 | 2079 | 5.903 | ng/ul# | 81 |
| 23) Benzo(a)pyrene | 23.69 | 252 | 2 | 0.057 | ng/ul# | 1 |
| 24) Indeno(1,2,3-cd)pyrene | 26.03 | 276 | 4 | 0.095 | ng/ul# | 34 |
| 25) Dibenzo(a,h)anthracene | 26.04 | 278 | 4 | 0.119 | ng/ul# | 1 |
| 26) Benzo(g,h,i)perylene | 26.72 | 276 | 1 | 0.028 | ng/ul# | 1 |

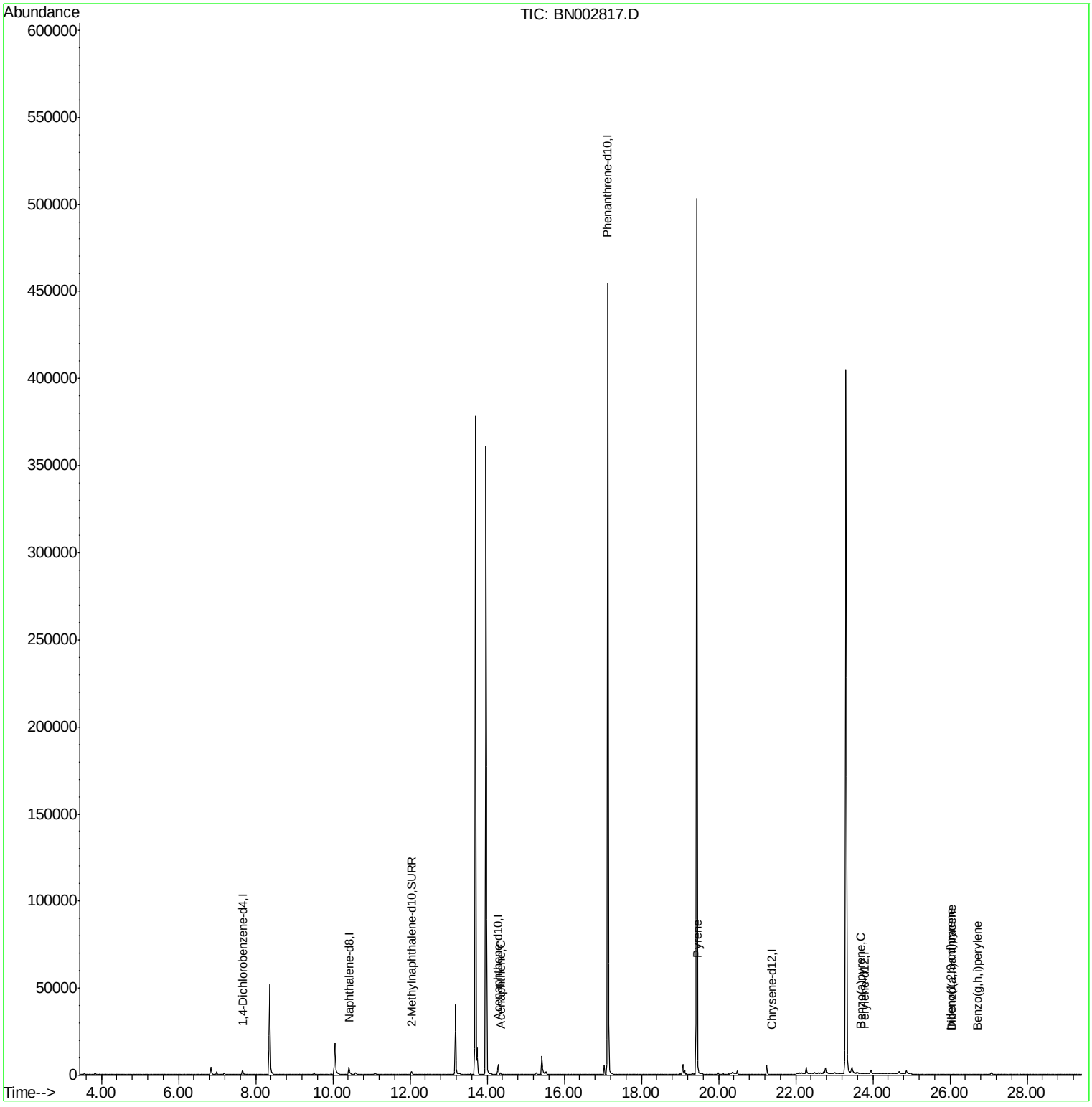
(#) = qualifier out of range (m) = manual integration (+) = signals summed

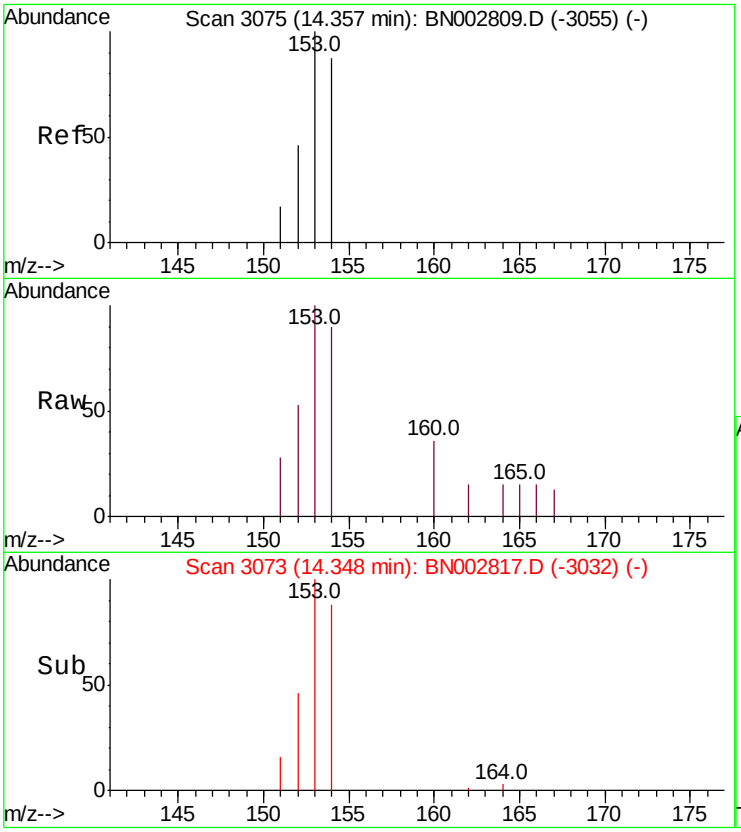
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092218\
Data File : BN002817.D
Acq On : 21 Sep 2018 13:33
Operator : JU/SJ
Sample : J4874-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 21 23:10:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 21 23:09:42 2018
Response via : Initial Calibration



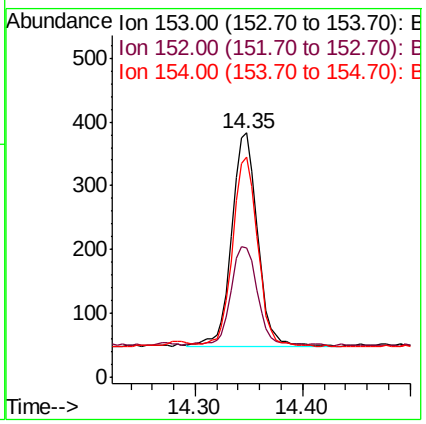


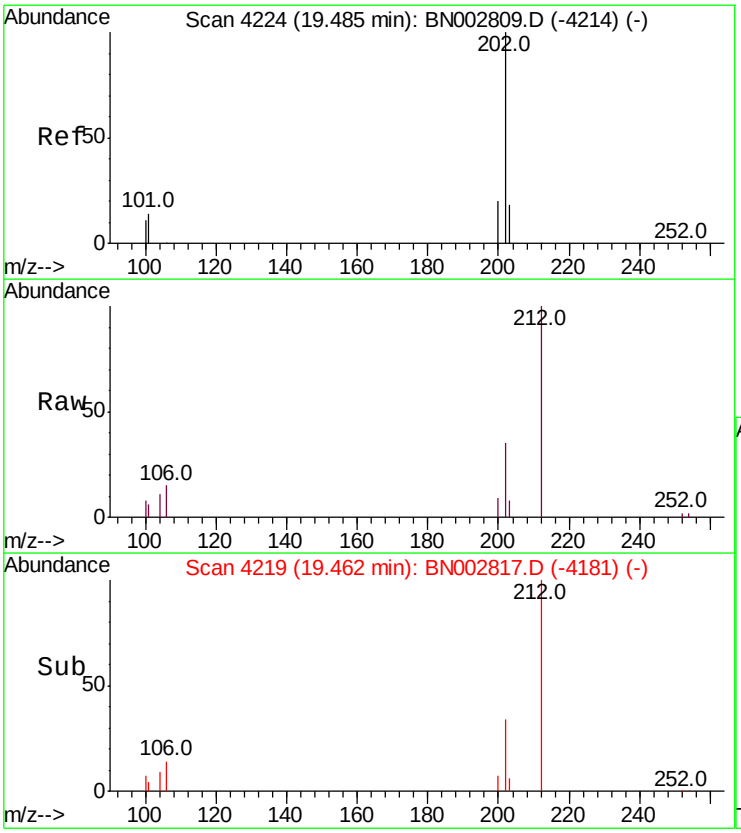

#8
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.35 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BN002817.D
Acq: 21 Sep 2018 13:33

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

Tgt Ion:153 Resp: 551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 53.0 | 36.0 | 54.0 |
| 154 | 90.1 | 72.0 | 108.0 |

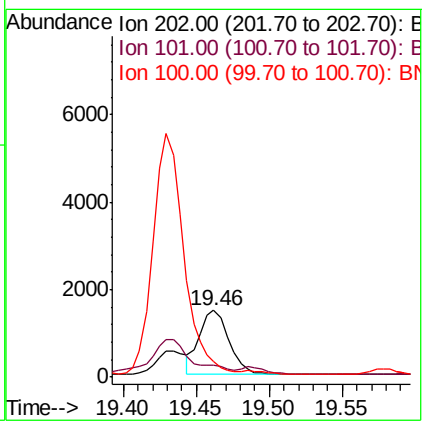


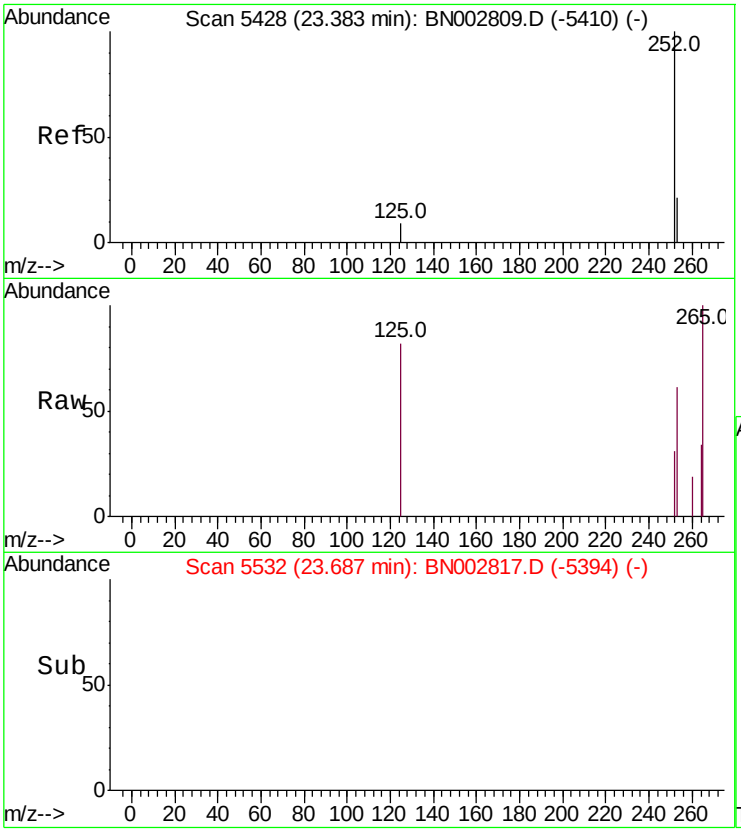




#17
Pyrene
Concen: 5.903 ng/ul
RT: 19.46 min Scan# 4219
Delta R.T. -0.02 min
Lab File: BN002817.D
Acq: 21 Sep 2018 13:33

Tgt Ion:202 Resp: 2079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 17.6 | 12.0 | 18.0 |
| 100 | 23.9 | 8.0 | 12.0# |



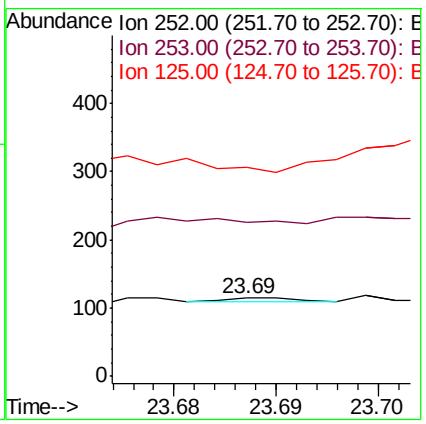


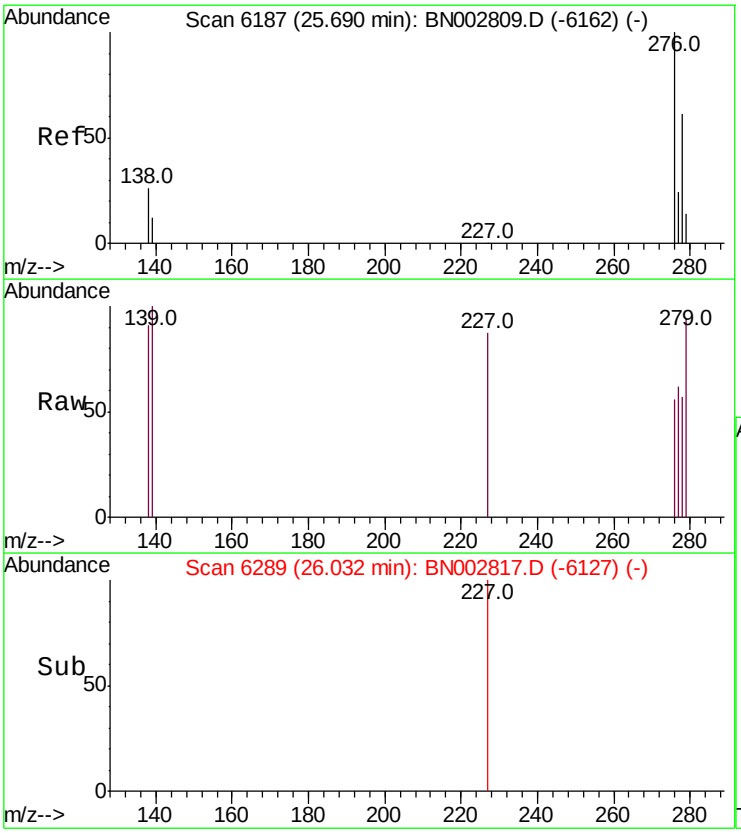

#23
Benzo(a)pyrene
Concen: 0.057 ng/ul
RT: 23.69 min Scan# 5532
Delta R.T. 0.30 min
Lab File: BN002817.D
Acq: 21 Sep 2018 13:33

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

Tgt Ion:252 Resp: 2

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 198.2 | 16.0 | 24.0# |
| 125 | 268.4 | 12.0 | 18.0# |

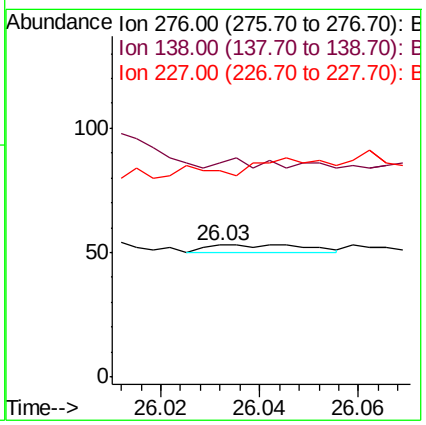


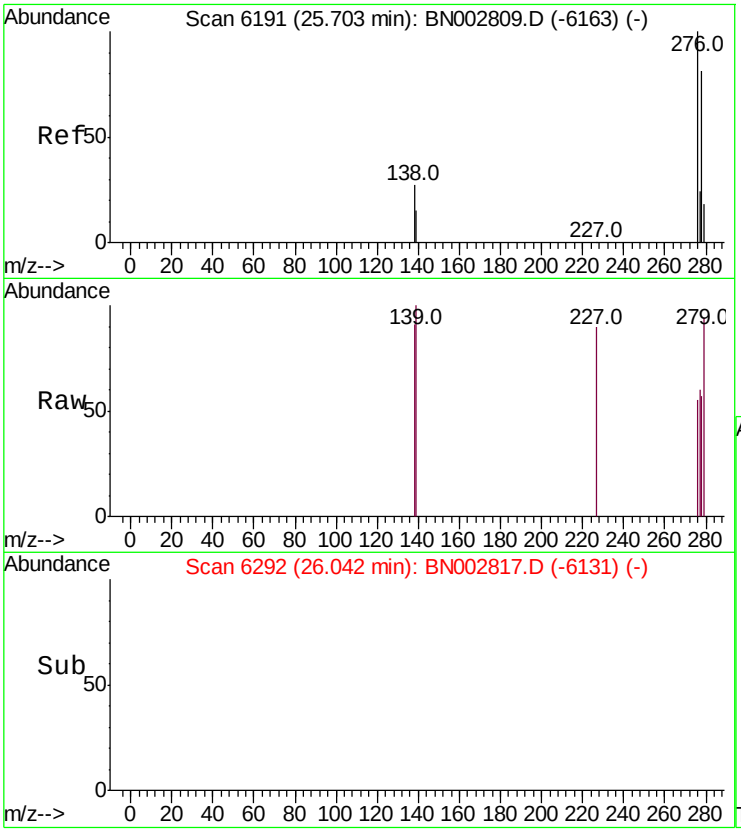




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng/ul
RT: 26.03 min Scan# 6289
Delta R.T. 0.34 min
Lab File: BN002817.D
Acq: 21 Sep 2018 13:33

Tgt Ion:276 Resp: 4

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 28.0 | 42.0# |
| 227 | 125.0 | 0.8 | 1.2# |



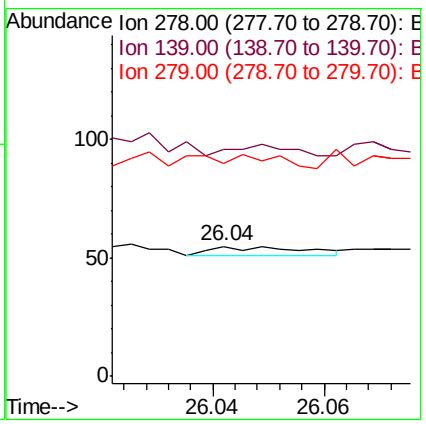


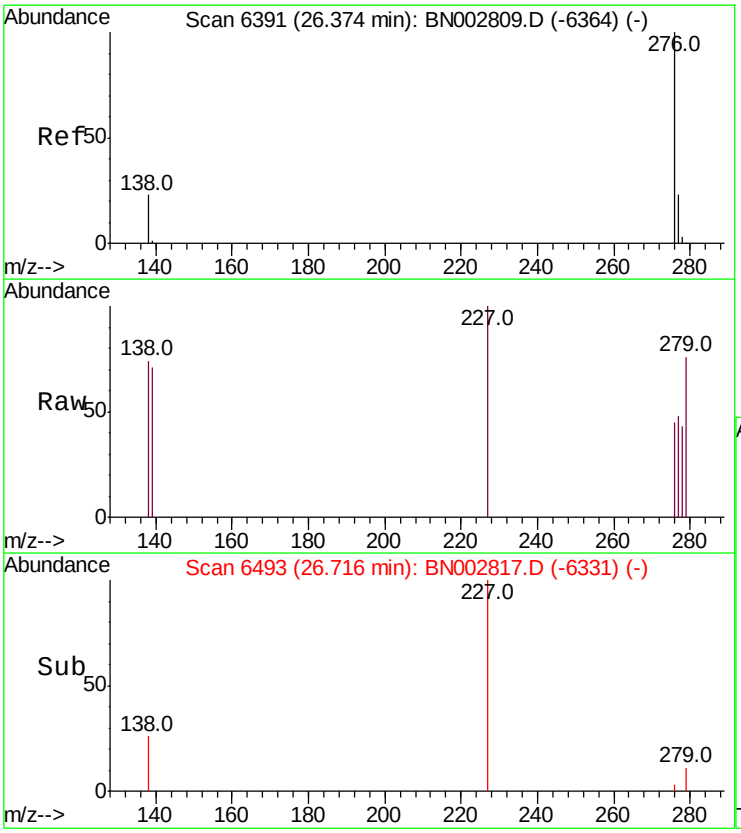

#25
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 26.04 min Scan# 6292
Delta R.T. 0.34 min
Lab File: BN002817.D
Acq: 21 Sep 2018 13:33

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

Tgt Ion:278 Resp: 4

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 174.5 | 17.4 | 26.0# |
| 279 | 163.6 | 25.9 | 38.9# |




#26
Benzo(g,h,i)perylene
Concen: 0.028 ng/ul
RT: 26.72 min Scan# 6493
Delta R.T. 0.34 min
Lab File: BN002817.D
Acq: 21 Sep 2018 13:33

Tgt Ion:276 Resp: 1

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 163.6 | 21.8 | 32.8# |
| 277 | 107.3 | 20.5 | 30.7# |