Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000880.D
Acq On : 25 Apr 2018 08:24
Operator : JU/SJ
Sample : J2444-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DARS8

**Manual Integrations APPROVED**
Sohil
4/25/2018 4:37:02 PM

Quant Time: Apr 25 11:11:18 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 150424 | 20.00 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.39 | 136 | 639975 | 20.00 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.25 | 164 | 319417 | 20.00 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.00 | 188 | 652336 | 20.00 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.20 | 240 | 626570 | 20.00 | ng/ul | 0.00 |
| 22) Perylene-d12 | 23.39 | 264 | 656145 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 7) Acenaphthylene-d8 | 13.94 | 160 | 657873 | 21.45 | ng/ul | 0.00 |
| 10) Fluorene-d10 | 15.25 | 176 | 462019 | 22.56 | ng/ul | 0.00 |
| 14) Anthracene-d10 | 17.10 | 188 | 670937 | 22.49 | ng/ul | 0.00 |
| 18) Pyrene-d10 | 19.40 | 212 | 719199 | 22.40 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 23.26 | 264 | 765945 | 24.71 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 16) Fluoranthene | 19.06 | 202 | 84051 | 2.328 | ng/ul | 95 |
| 19) Pyrene | 19.43 | 202 | 74940 | 1.862 | ng/ul# | 91 |
| 20) Benzo(a)anthracene | 21.19 | 228 | 46525m | 1.242 | ng/ul | |
| 21) Chrysene | 21.24 | 228 | 49030 | 1.393 | ng/ul | 96 |
| 23) Benzo(b)fluoranthene | 22.74 | 252 | 75292m | 2.019 | ng/ul | |
| 26) Benzo(a)pyrene | 23.30 | 252 | 49449 | 1.388 | ng/ul# | 88 |
| 29) Benzo(g,h,i)perylene | 26.22 | 276 | 48462 | 1.346 | ng/ul# | 88 |

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

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**Instrument :**
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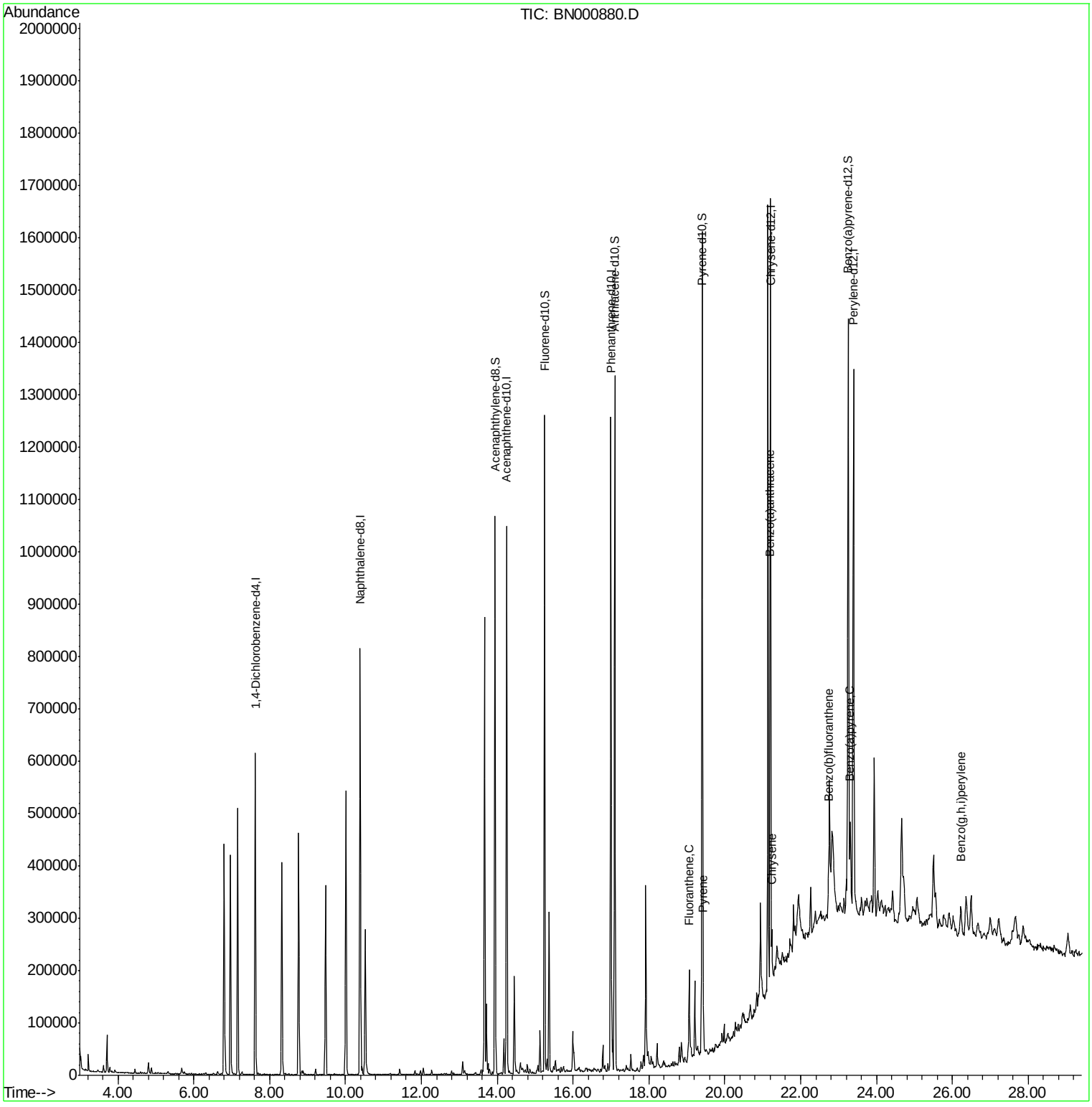
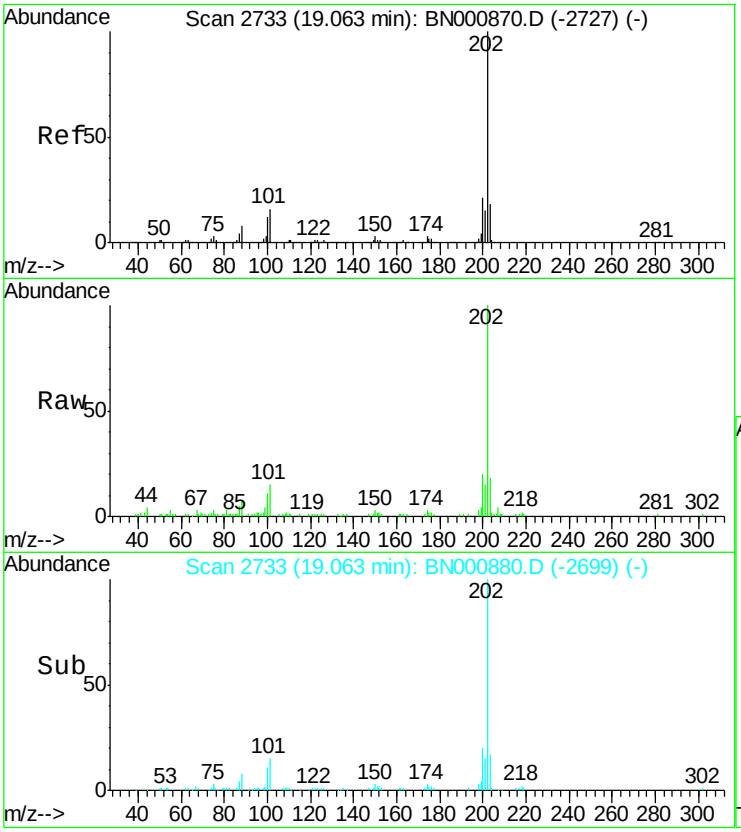
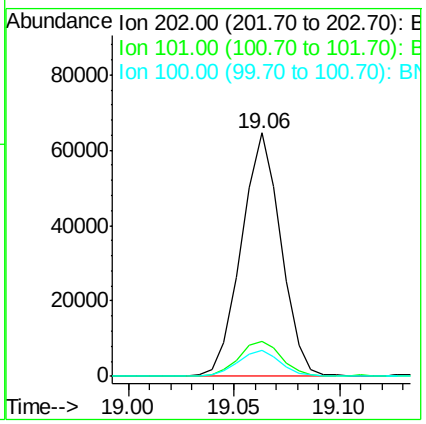





#16
Fluoranthene
Concen: 2.328 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN000880.D
Acq: 25 Apr 2018 08:24

Tgt Ion:202 Resp: 84051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.5 | 9.9 | 14.9 |
| 100 | 10.9 | 7.4 | 11.0 |




**Instrument :**
BNA_N
**ClientSampleId :**
DARS8

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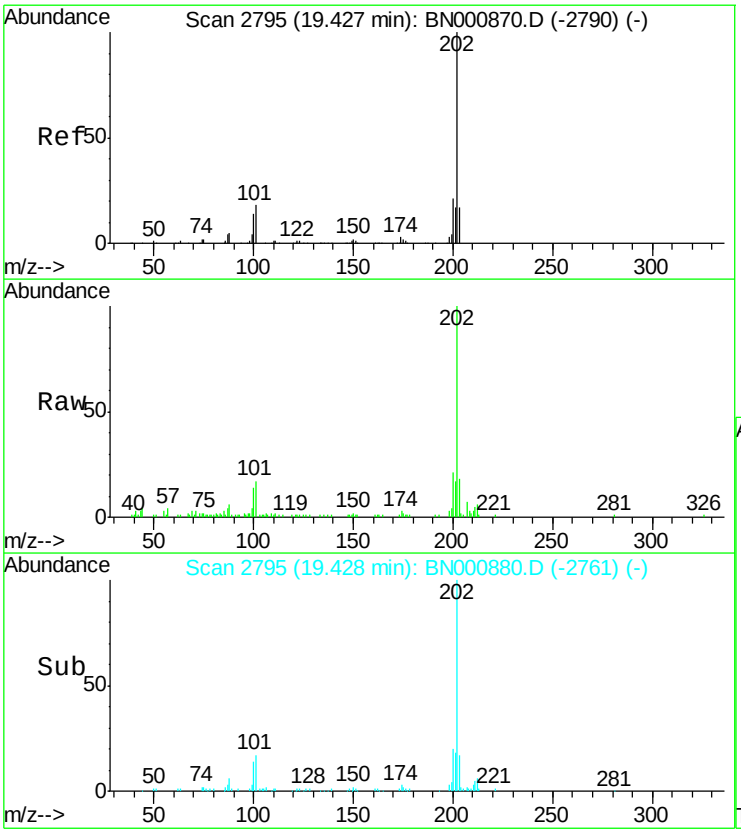
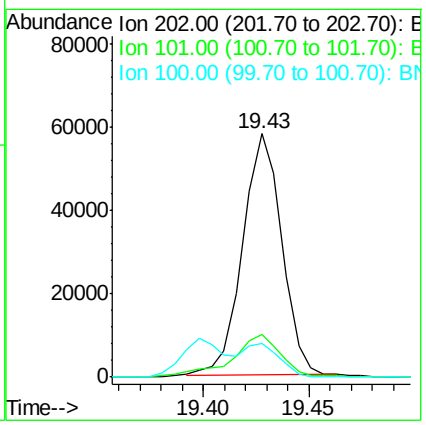
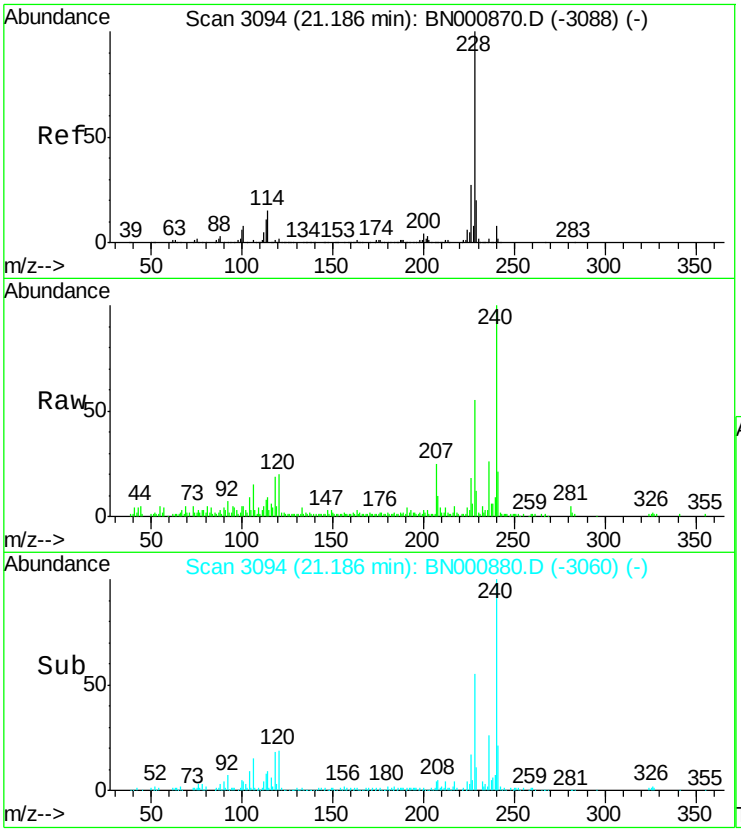



#19
Pyrene
Concen: 1.862 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000880.D
Acq: 25 Apr 2018 08:24

Tgt Ion:202 Resp: 74940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 17.3 | 11.0 | 16.4# |
| 100 | 13.8 | 8.1 | 12.1# |






#20
Benzo(a)anthracene
Concen: 1.242 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000880.D
Acq: 25 Apr 2018 08:24

Tgt Ion:228 Resp: 46525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.7 | 15.7 | 23.5 |
| 226 | 32.0 | 21.1 | 31.7# |

**Instrument :**
BNA_N
**ClientSampleId :**
DARS8

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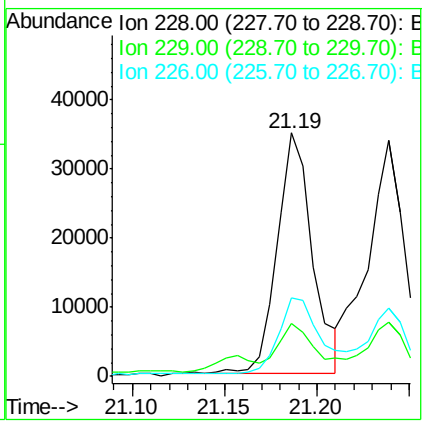
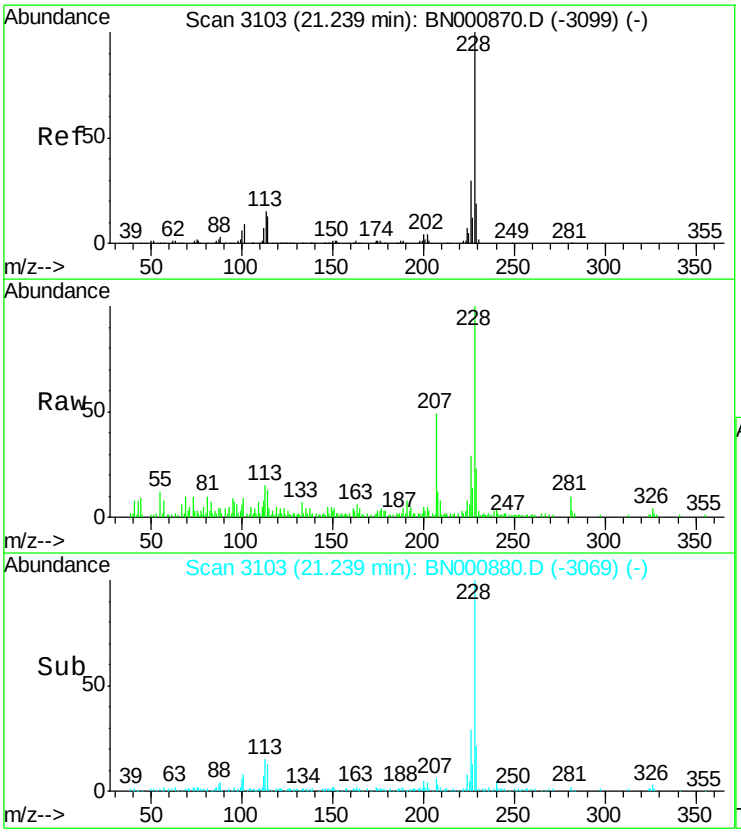
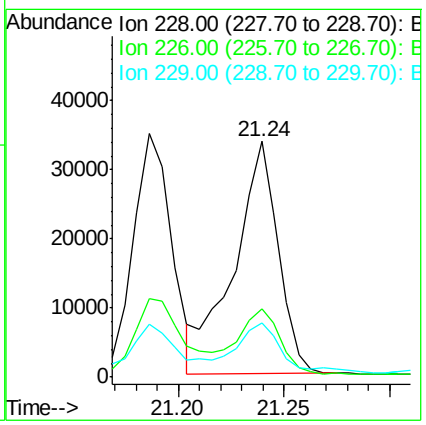


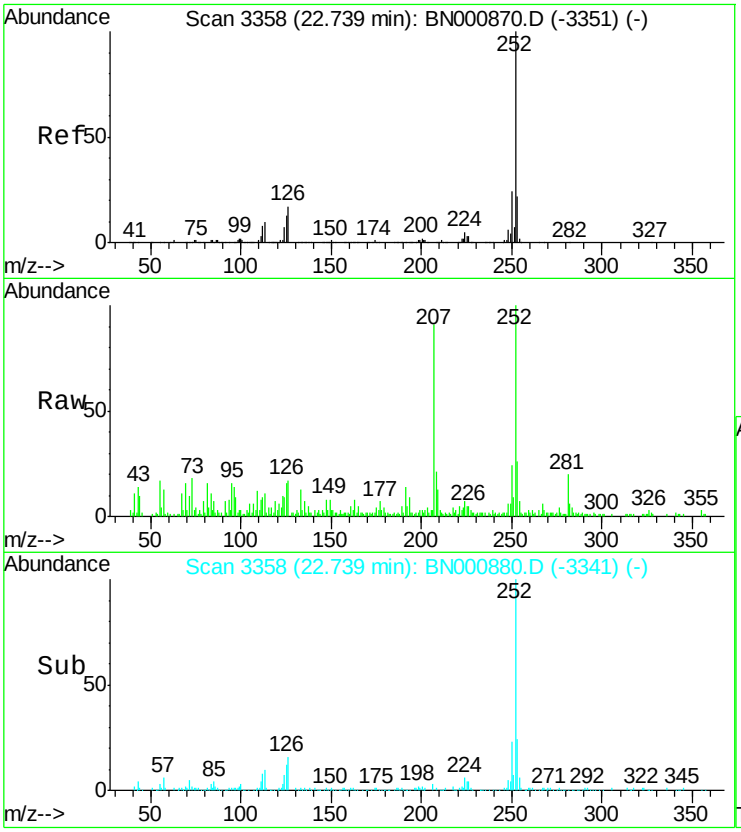




#21
Chrysene
Concen: 1.393 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000880.D
Acq: 25 Apr 2018 08:24

Tgt Ion:228 Resp: 49030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 24.5 | 36.7 |
| 229 | 22.8 | 15.8 | 23.8 |

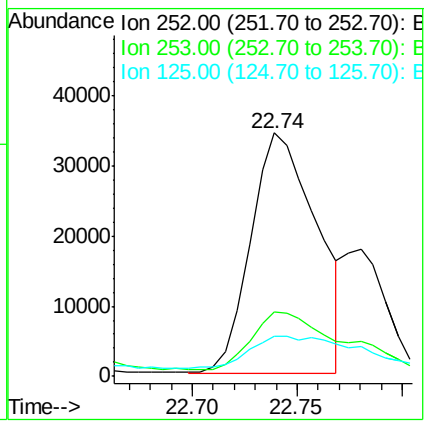





#23
Benzo(b)fluoranthene
Concen: 2.019 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BN000880.D
Acq: 25 Apr 2018 08:24

Tgt Ion:252 Resp: 75292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.3 | 18.0 | 27.0 |
| 125 | 16.2 | 8.0 | 12.0# |




**Instrument :**
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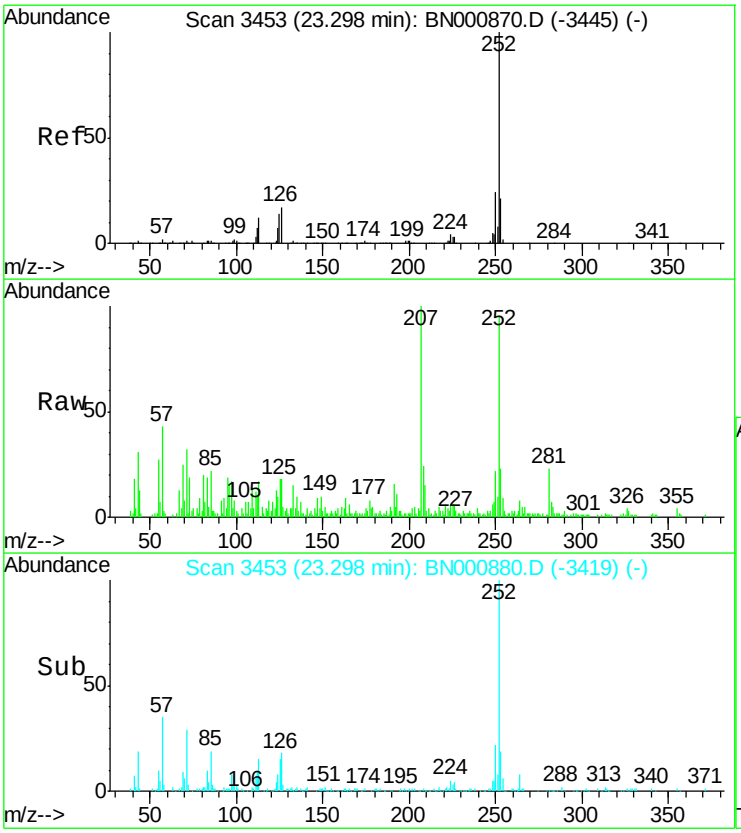
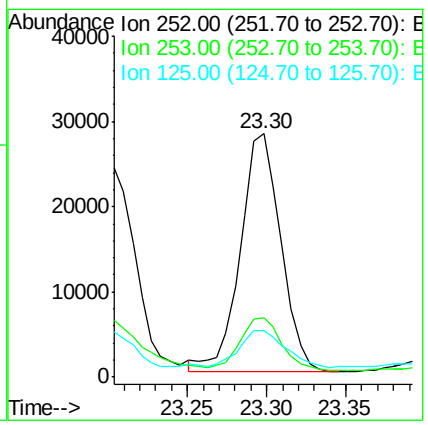
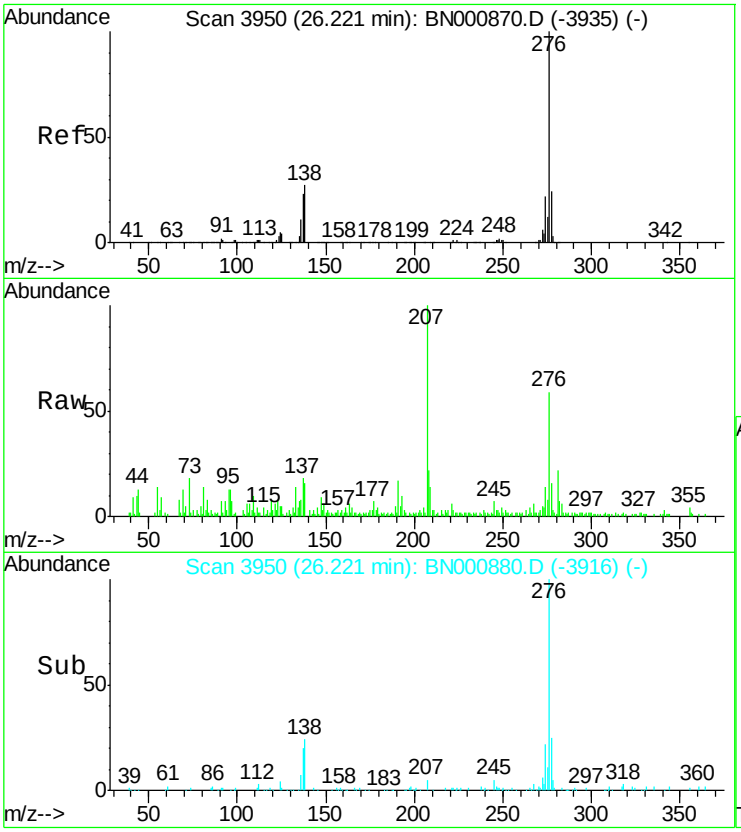



#26
Benzo(a)pyrene
Concen: 1.388 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BN000880.D
Acq: 25 Apr 2018 08:24

Tgt Ion:252 Resp: 49449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.6 | 17.2 | 25.8 |
| 125 | 18.9 | 8.2 | 12.4# |

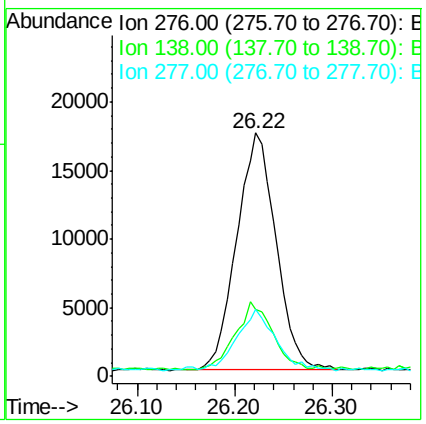





#29
Benzo(g,h,i)perylene
Concen: 1.346 ng/ul
RT: 26.22 min Scan# 3950
Delta R.T. 0.00 min
Lab File: BN000880.D
Acq: 25 Apr 2018 08:24

Tgt Ion:276 Resp: 48462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.3 | 15.3 | 22.9# |
| 277 | 27.3 | 19.0 | 28.4 |




**Instrument :**
BNA_N
**ClientSampleId :**
DARS8

**Manual Integrations APPROVED**
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