Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Apr 24 05:22:53 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.38 | 152 | 1867 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.20 | 136 | 5058 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.97 | 164 | 2914 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.77 | 188 | 268223 | 0.40 | ng/ul | 0.10 |
| 16) Chrysene-d12 | 21.85 | 240 | 16 | 0.40 | ng/ul | 0.09 |
| 20) Perylene-d12 | 24.38 | 264 | 6850 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.76 | 152 | 1456 | 0.15 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 0.00 | 212 | 0 | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 7) Acenaphthylene | 14.70 | 152 | 313 | 0.021 | ng/ul# | 65 |
| 8) Acenaphthene | 15.02 | 153 | 228 | 0.021 | ng/ul# | 85 |
| 9) Fluorene | 15.99 | 166 | 408 | 0.033 | ng/ul# | 89 |
| 17) Pyrene | 20.04 | 202 | 3187 | 58.618 | ng/ul# | 84 |
| 18) Benzo(a)anthracene | 21.80 | 228 | 2416 | 37.376 | ng/ul# | 84 |
| 19) Chrysene | 21.80 | 228 | 2422 | 52.061 | ng/ul | 91 |
| 21) Benzo(b)fluoranthene | 23.57 | 252 | 2748 | 0.124 | ng/ul | 97 |
| 22) Benzo(k)fluoranthene | 23.62 | 252 | 2385 | 0.108 | ng/ul# | 92 |
| 23) Benzo(a)pyrene | 24.26 | 252 | 2632 | 0.123 | ng/ul | 96 |
| 24) Indeno(1,2,3-cd)pyrene | 27.17 | 276 | 2823 | 0.119 | ng/ul# | 77 |
| 25) Dibenzo(a,h)anthracene | 27.18 | 278 | 2148 | 0.112 | ng/ul# | 93 |
| 26) Benzo(g,h,i)perylene | 28.04 | 276 | 2336 | 0.118 | ng/ul# | 91 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
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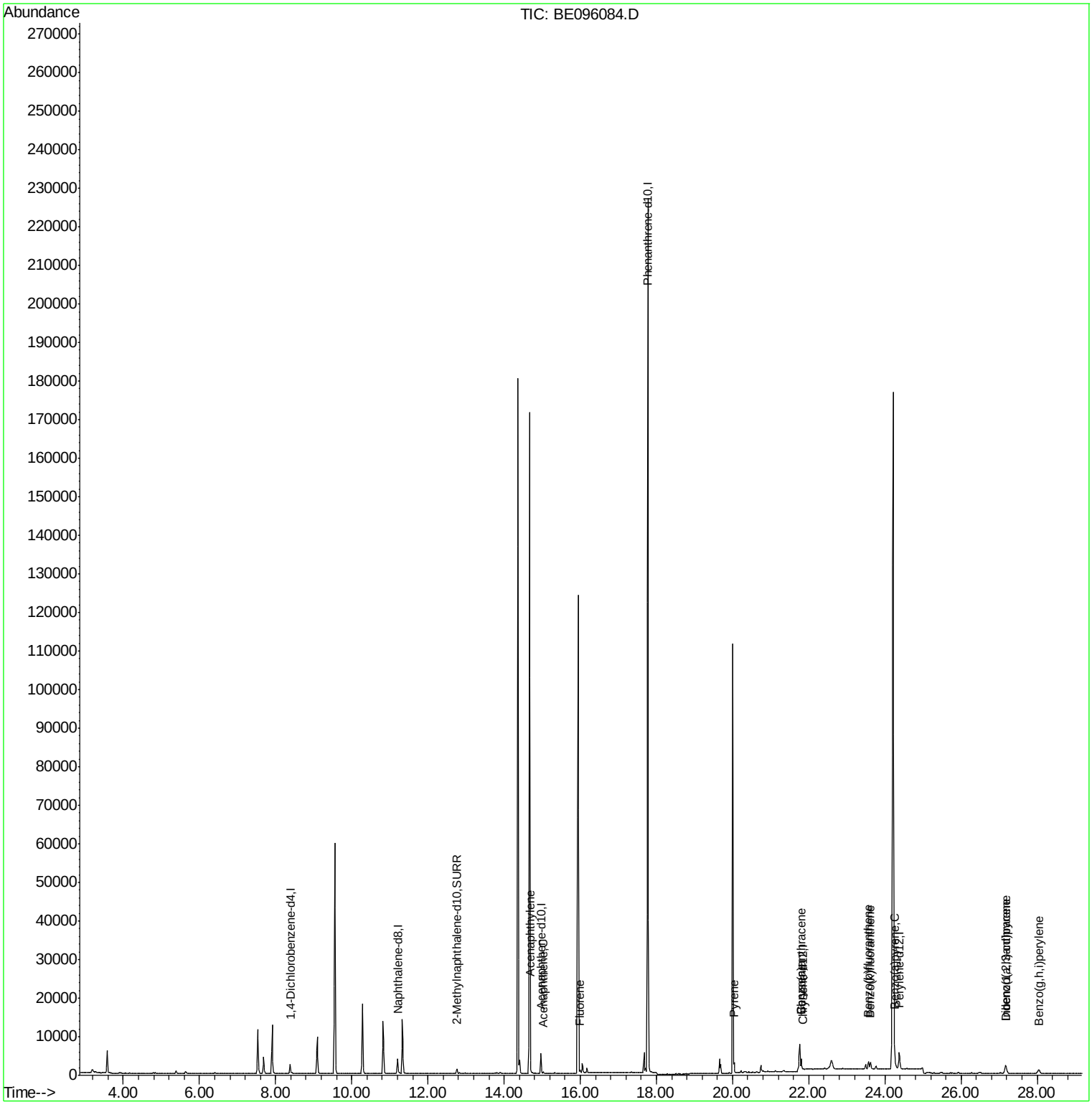
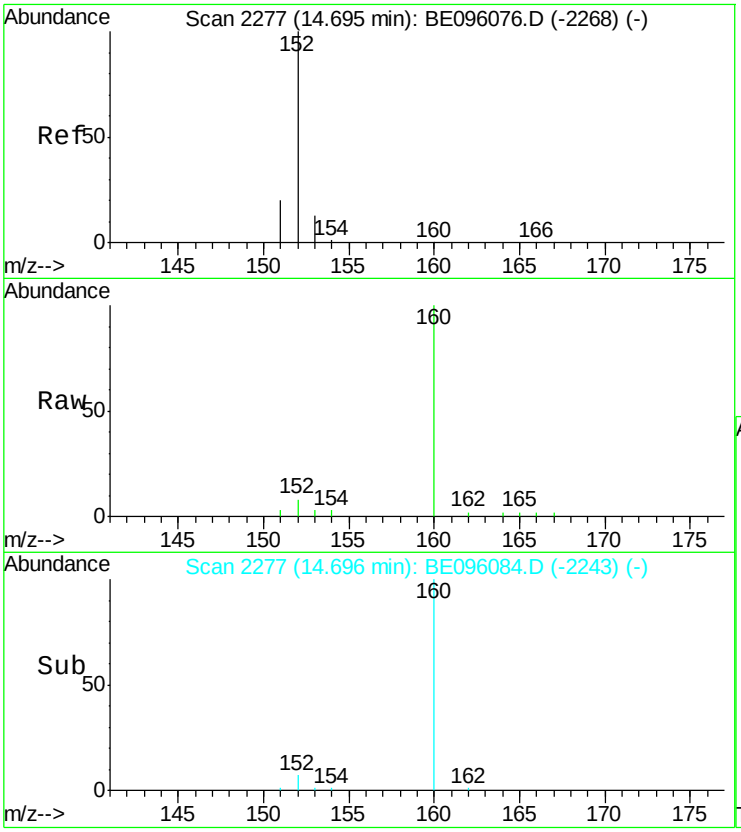
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**

Quant Time: Apr 24 05:22:53 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration



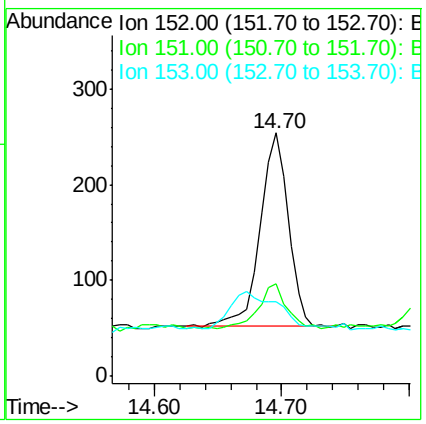


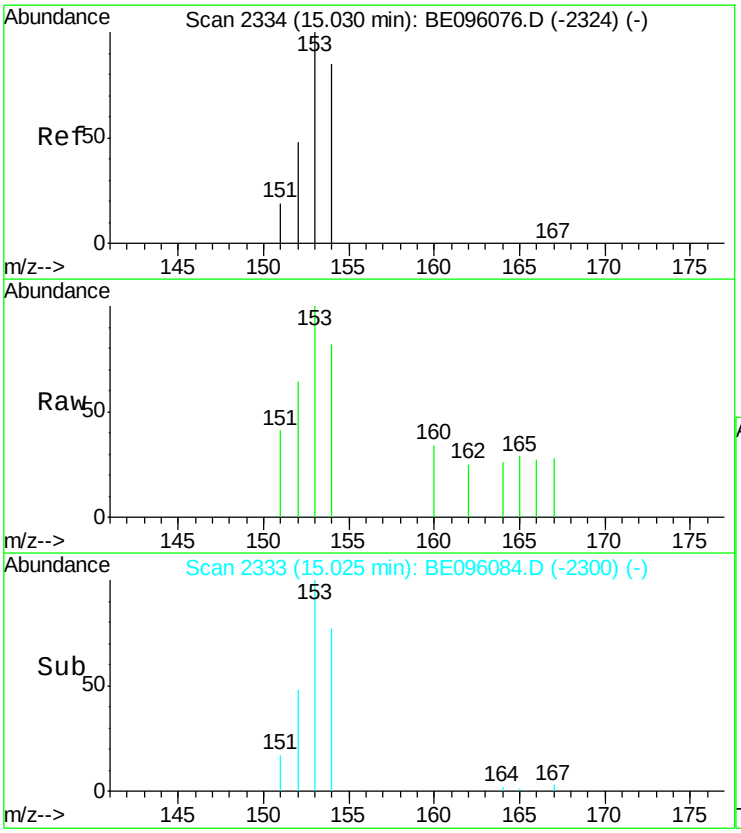

#7
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.70 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 37.8 | 17.1 | 25.7# |
| 153 | 30.7 | 12.8 | 19.2# |

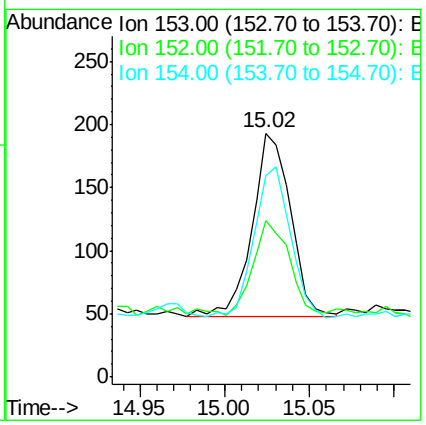


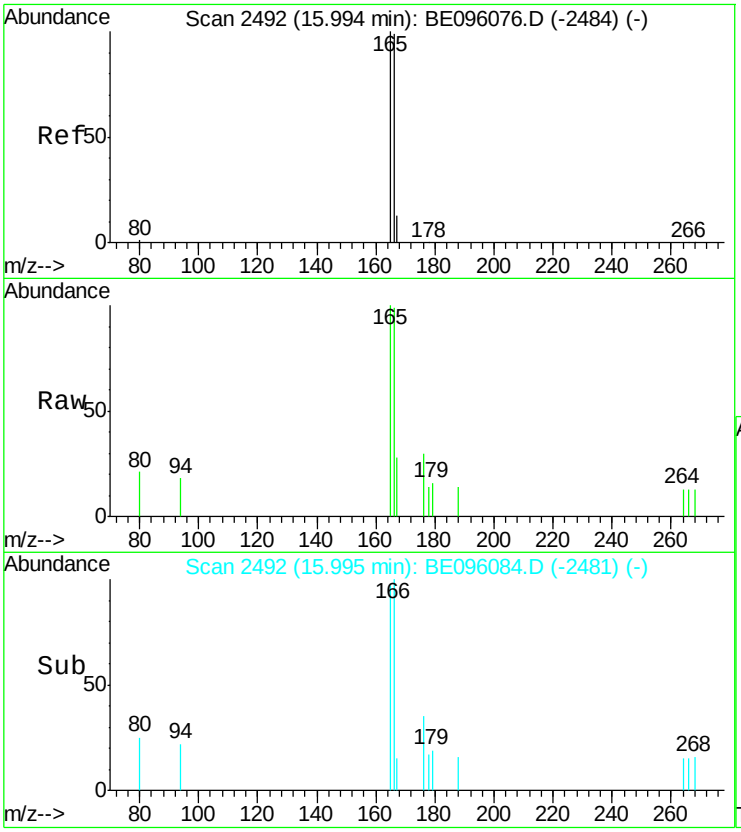




#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 15.02 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Tgt Ion:153 Resp: 228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 64.2 | 36.0 | 54.0# |
| 154 | 82.4 | 72.0 | 108.0 |



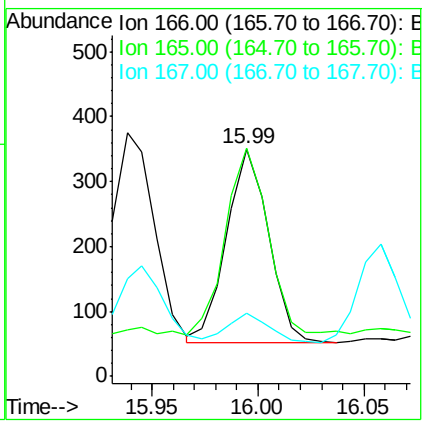


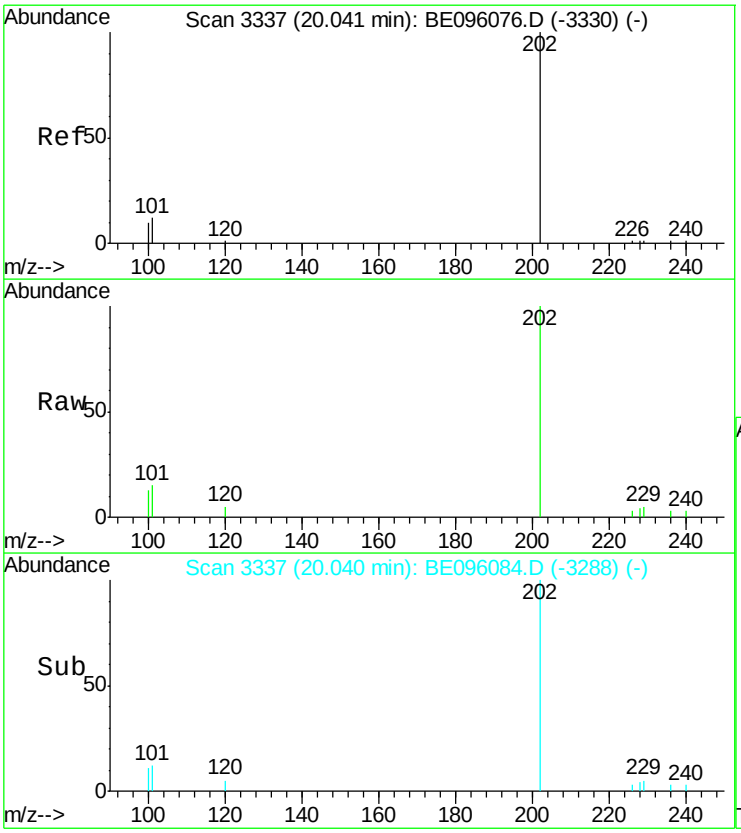

#9
Fluorene
Concen: 0.033 ng/ul
RT: 15.99 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:166 Resp: 408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.6 | 73.4 | 110.2 |
| 167 | 27.7 | 14.6 | 22.0# |

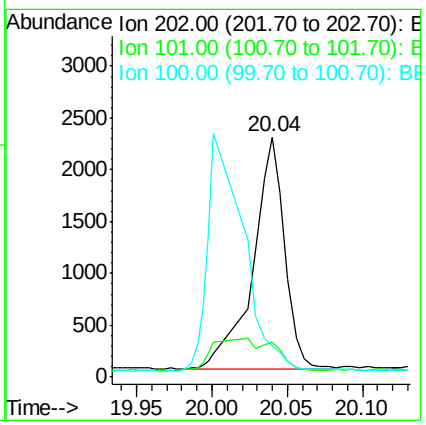


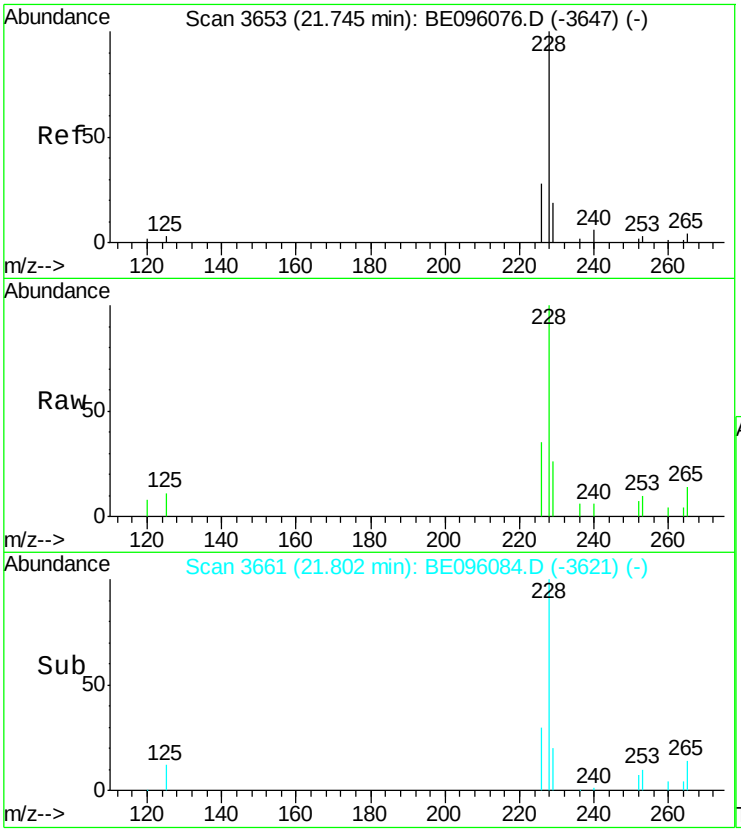




#17
Pyrene
Concen: 58.618 ng/ul
RT: 20.04 min Scan# 3337
Delta R.T. -0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Tgt Ion:202 Resp: 3187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.5 | 18.2 | 27.4# |
| 100 | 12.8 | 15.6 | 23.4# |



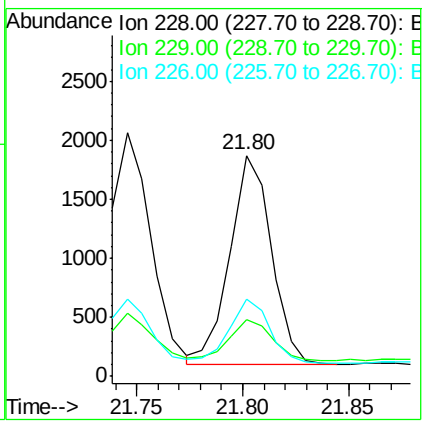


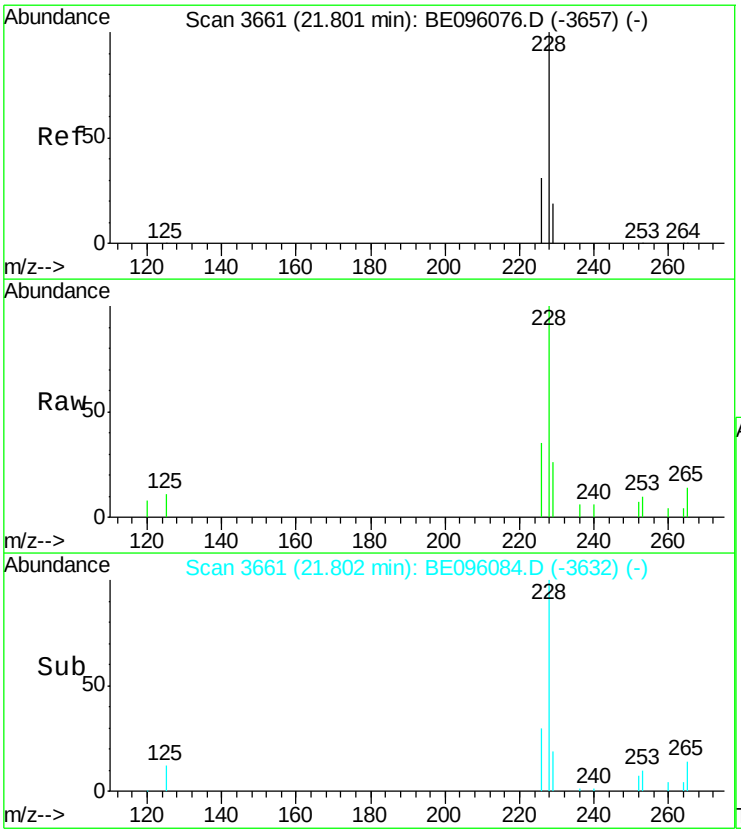

#18
Benzo(a)anthracene
Concen: 37.376 ng/ul
RT: 21.80 min Scan# 3661
Delta R.T. 0.06 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:228 Resp: 2416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 25.5 | 22.8 | 34.2 |
| 226 | 35.0 | 17.0 | 25.6# |

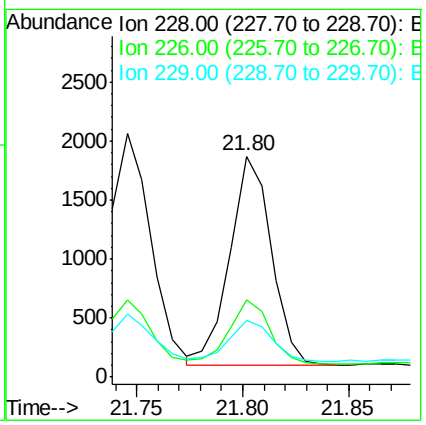


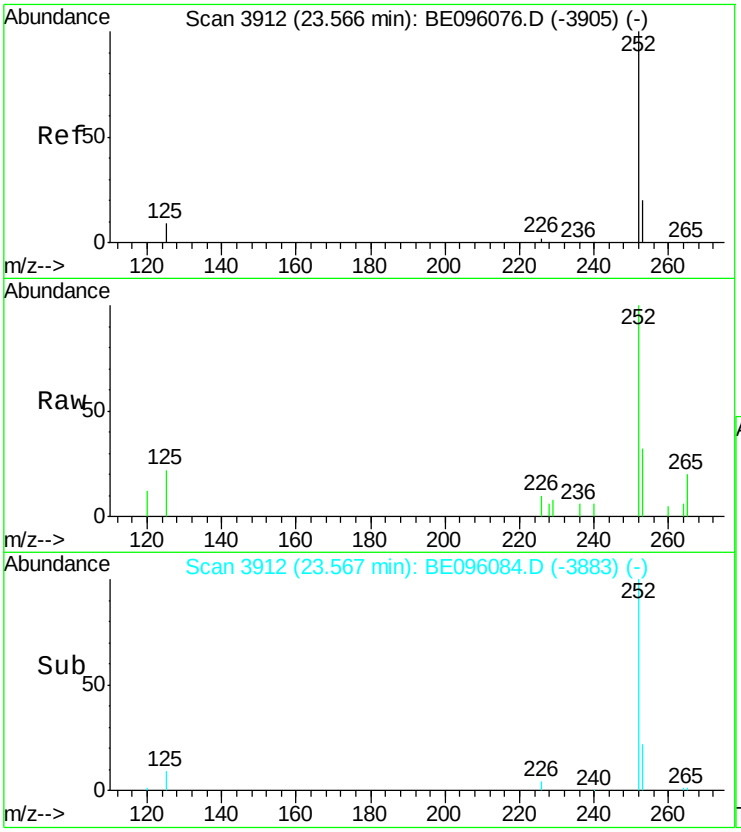




#19
Chrysene
Concen: 52.061 ng/ul
RT: 21.80 min Scan# 3661
Delta R.T. 0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Tgt Ion:228 Resp: 2422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 35.0 | 23.4 | 35.0 |
| 229 | 25.5 | 17.7 | 26.5 |



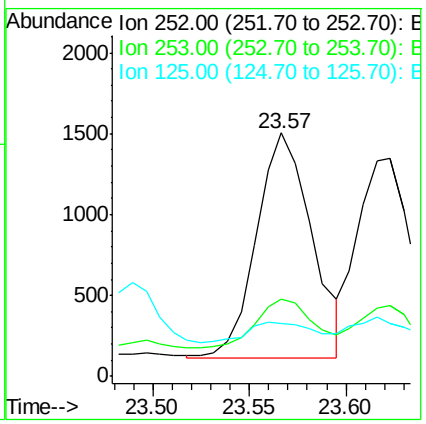


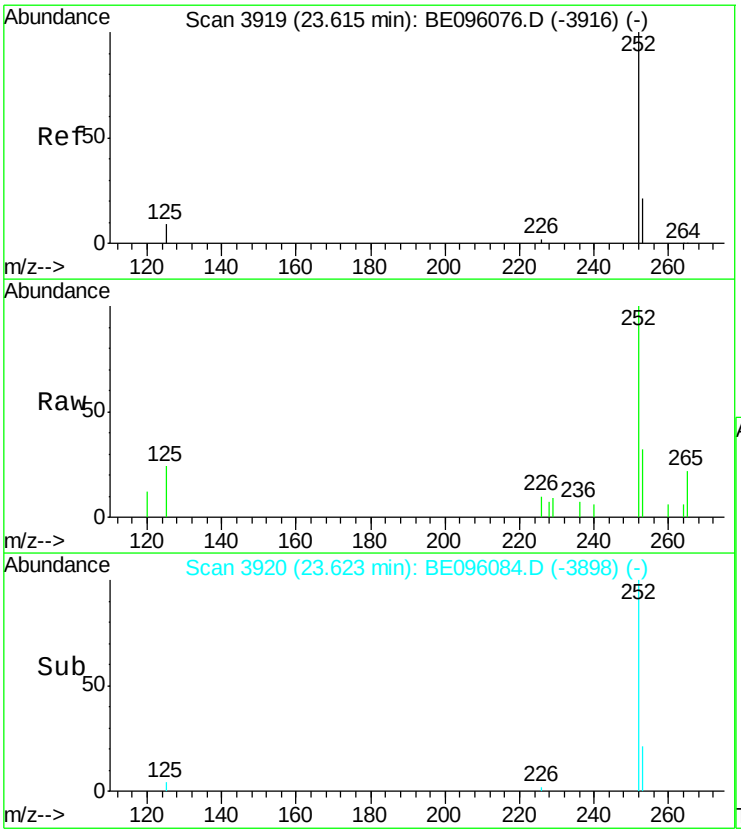

#21
Benzo(b)fluoranthene
Concen: 0.124 ng/ul
RT: 23.57 min Scan# 3912
Delta R.T. 0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 2748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 32.0 | 0.0 | 64.2 |
| 125 | 21.6 | 0.0 | 35.0 |

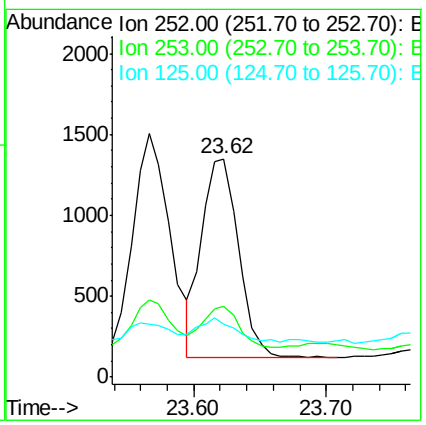


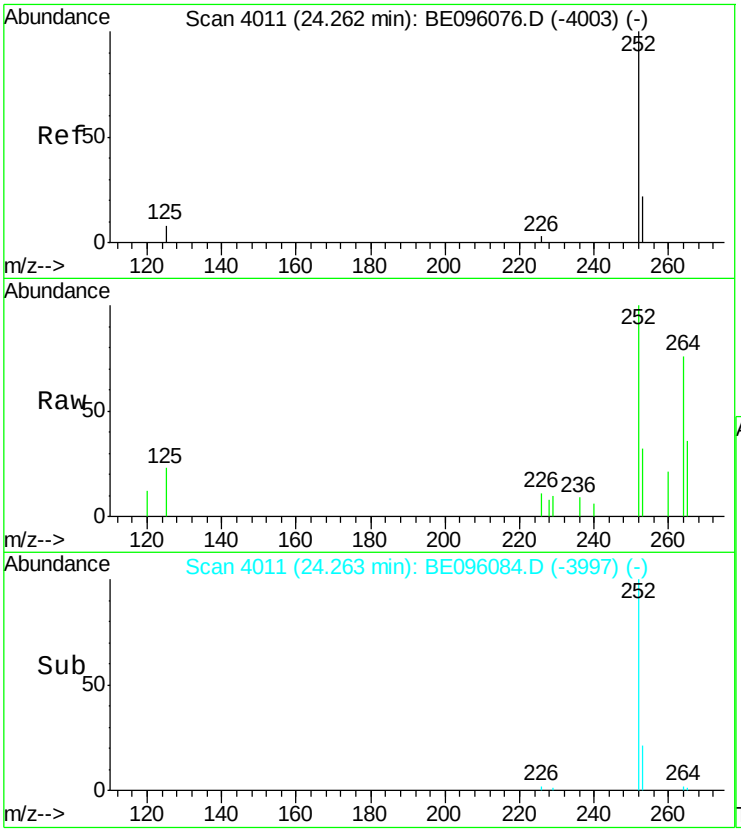




#22
Benzo(k)fluoranthene
Concen: 0.108 ng/ul
RT: 23.62 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Tgt Ion:252 Resp: 2385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 32.1 | 24.5 | 36.7 |
| 125 | 24.3 | 13.7 | 20.5# |



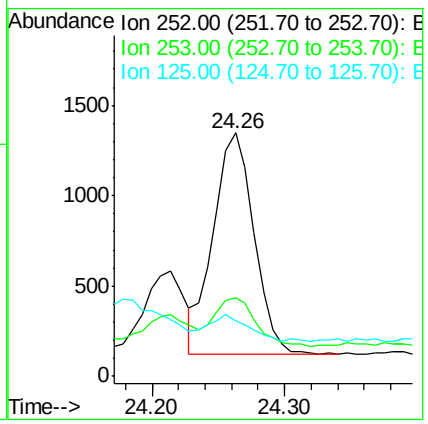


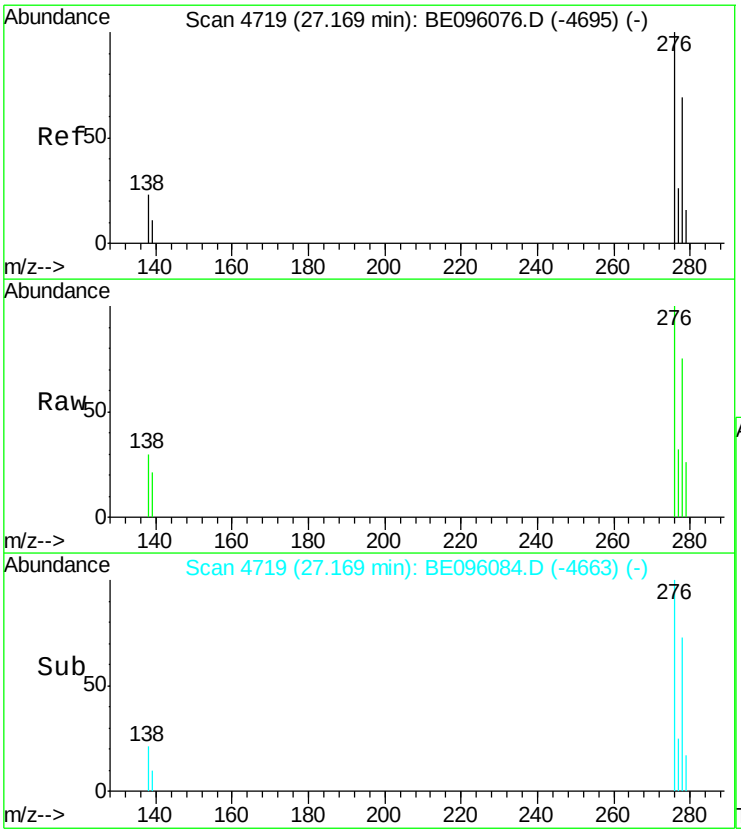

#23
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 24.26 min Scan# 4011
Delta R.T. 0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 2632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 32.3 | 28.5 | 42.7 |
| 125 | 22.8 | 18.1 | 27.1 |

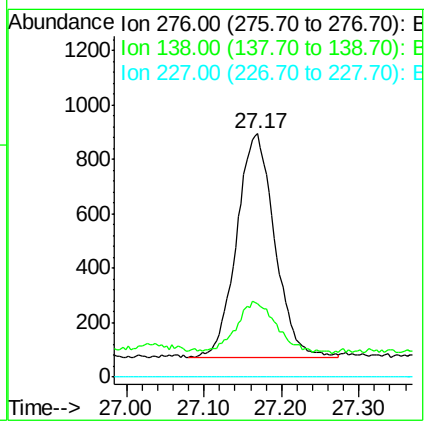


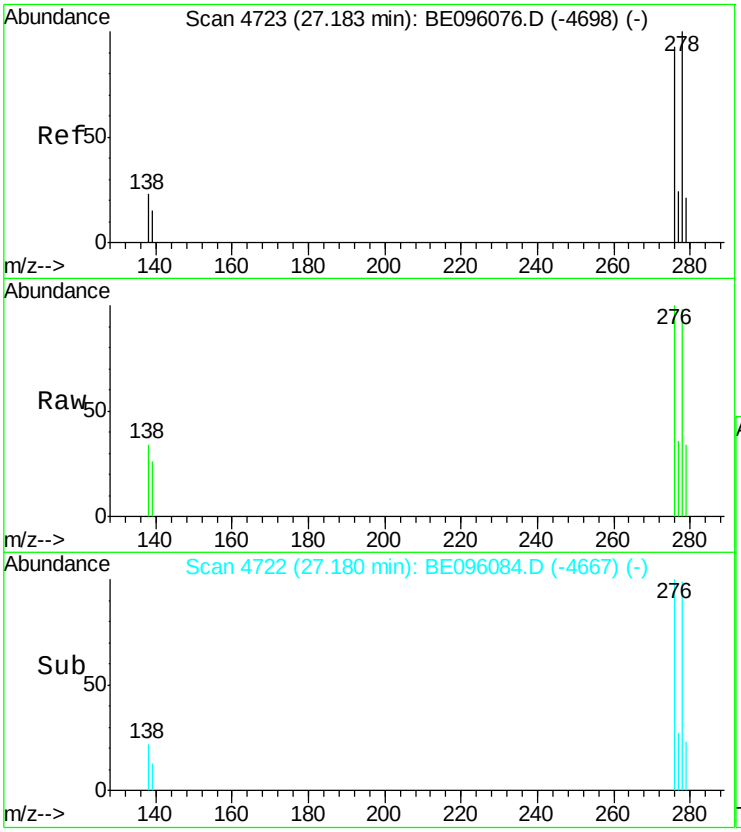




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng/ul
RT: 27.17 min Scan# 4719
Delta R.T. 0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Tgt Ion:276 Resp: 2823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.7 | 28.0 | 42.0# |
| 227 | 0.0 | 8.0 | 12.0# |



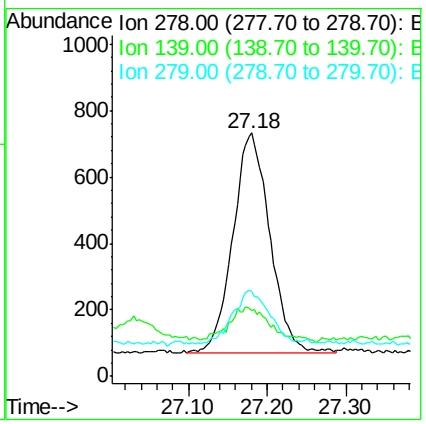


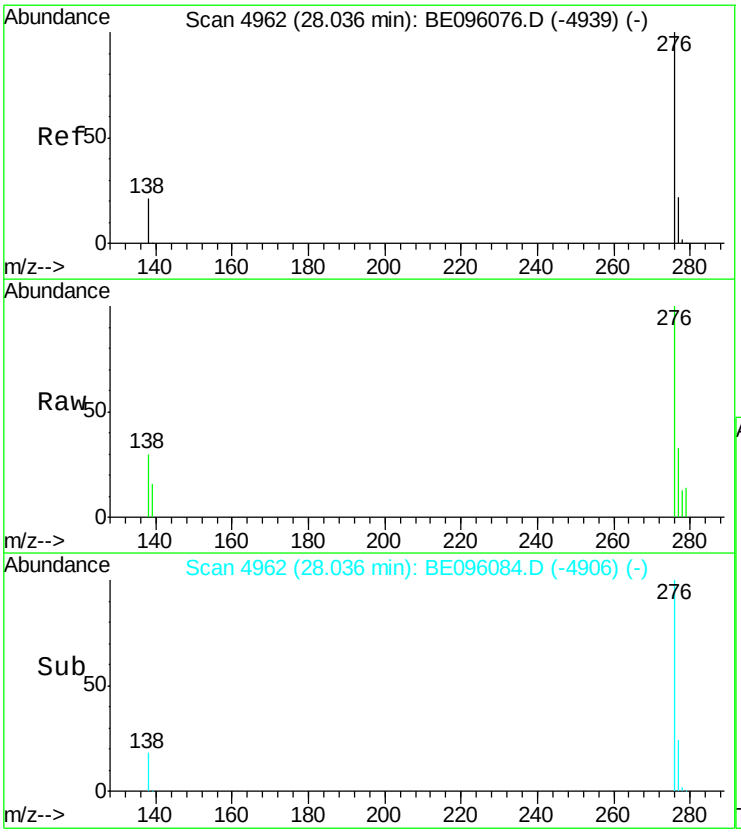

#25
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 27.18 min Scan# 4722
Delta R.T. -0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:278 Resp: 2148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 26.9 | 17.4 | 26.0# |
| 279 | 34.8 | 25.9 | 38.9 |




#26
Benzo(g,h,i)perylene
Concen: 0.118 ng/ul
RT: 28.04 min Scan# 4962
Delta R.T. 0.00 min
Lab File: BE096084.D
Acq: 23 Apr 2018 14:35

Tgt Ion:276 Resp: 2336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.5 | 21.8 | 32.8 |
| 277 | 33.1 | 20.5 | 30.7# |