Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
Data File : BE097873.D
Acq On : 12 Oct 2018 00:53
Operator : SJ/JU
Sample : J5183-11DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Oct 12 04:59:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 04:56:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.89 | 152 | 2560 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.70 | 136 | 13145 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.55 | 164 | 8818 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.31 | 188 | 21701 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.49 | 240 | 22893 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 24.06 | 264 | 24228 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.29 | 152 | 1374 | 0.06 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.34 | 212 | 4342 | 0.06 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Pentachlorophenol | 16.97 | 266 | 73 | 0.024 | ng/ul# | 78 |
| 12) Phenanthrene | 17.35 | 178 | 5669 | 0.110 | ng/ul | 95 |
| 15) Fluoranthene | 19.37 | 202 | 21660 | 0.328 | ng/ul | 96 |
| 17) Pyrene | 19.73 | 202 | 21348 | 0.313 | ng/ul | 98 |
| 18) Benzo(a)anthracene | 21.48 | 228 | 15103 | 0.218 | ng/ul# | 84 |
| 19) Chrysene | 21.53 | 228 | 18925 | 0.304 | ng/ul# | 86 |
| 21) Benzo(b)fluoranthene | 23.27 | 252 | 33871 | 0.523 | ng/ul# | 69 |
| 22) Benzo(k)fluoranthene | 23.27 | 252 | 33871 | 0.489 | ng/ul# | 67 |
| 23) Benzo(a)pyrene | 23.95 | 252 | 10453 | 0.164 | ng/ul# | 32 |
| 24) Indeno(1,2,3-cd)pyrene | 26.76 | 276 | 9731 | 0.135 | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 26.78 | 278 | 2843 | 0.048 | ng/ul# | 1 |
| 26) Benzo(g,h,i)perylene | 27.60 | 276 | 11045 | 0.176 | ng/ul# | 64 |

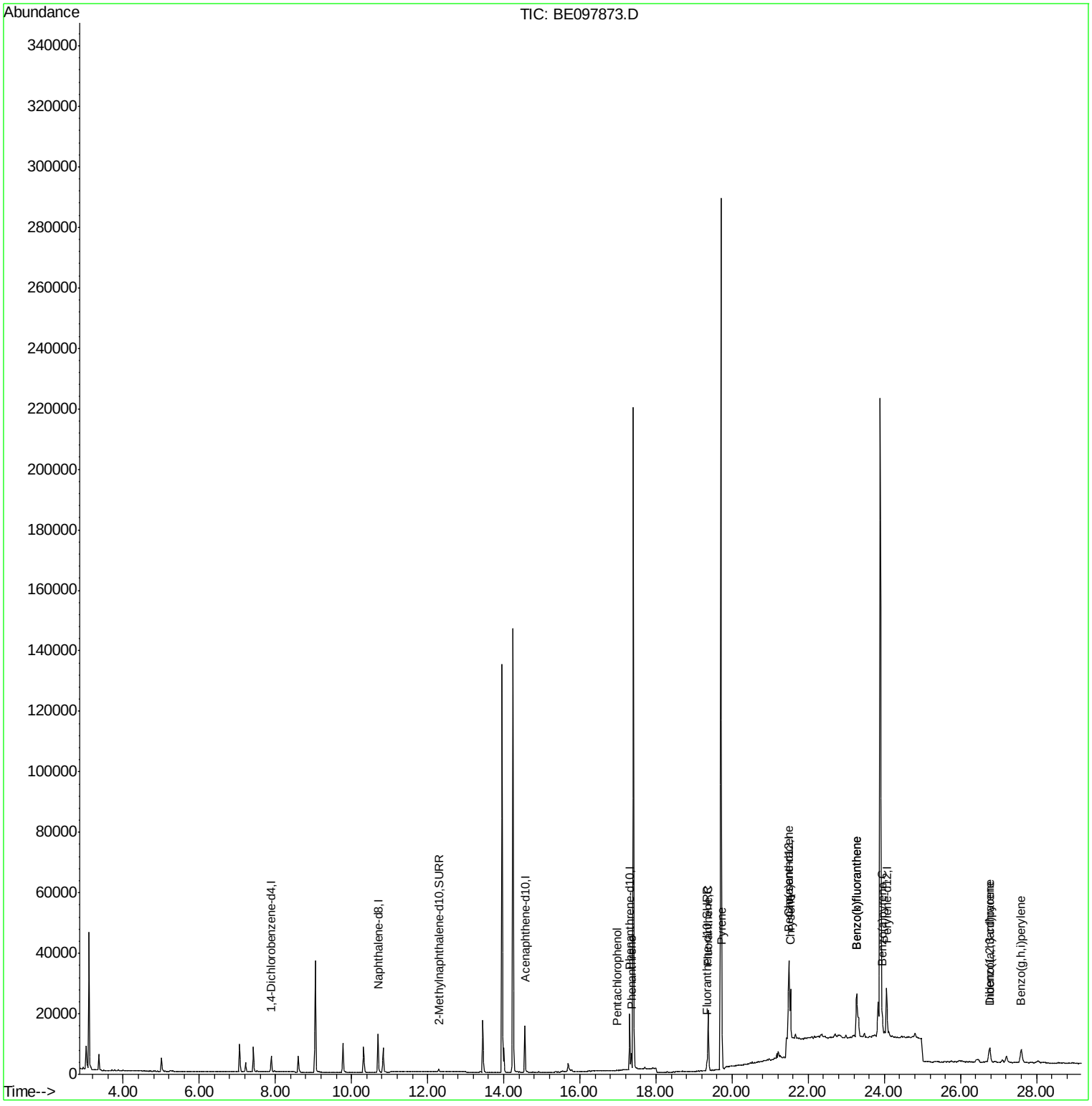
(#) = qualifier out of range (m) = manual integration (+) = signals summed

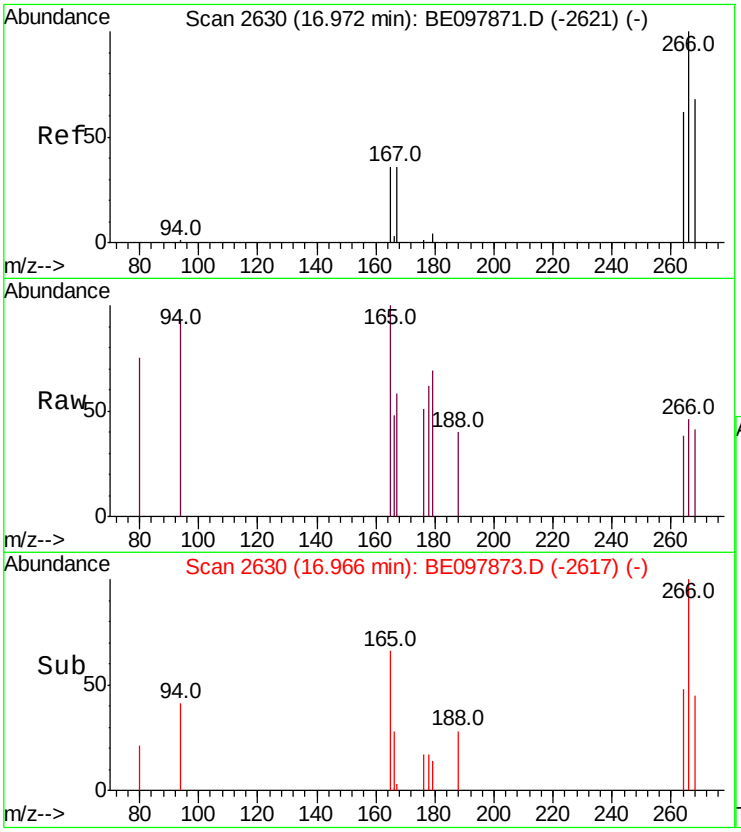
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
Data File : BE097873.D
Acq On : 12 Oct 2018 00:53
Operator : SJ/JU
Sample : J5183-11DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Oct 12 04:59:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 04:56:57 2018
Response via : Initial Calibration



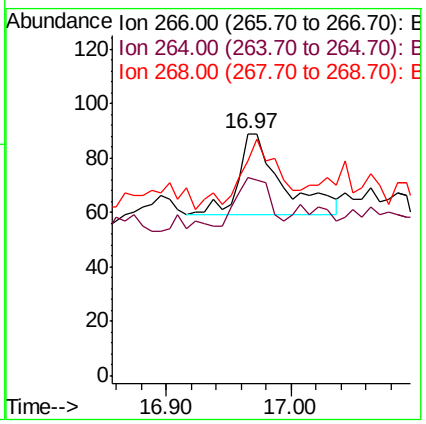


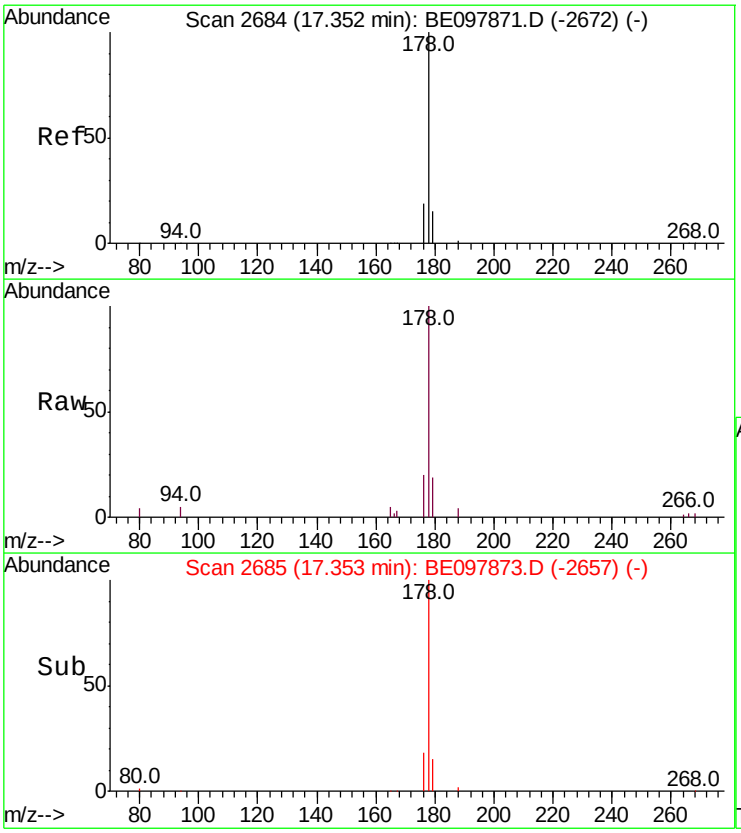

#11
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.97 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

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

Tgt Ion:266 Resp: 73

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 46.6 | 49.8 | 74.8# |
| 268 | 78.1 | 48.4 | 72.6# |

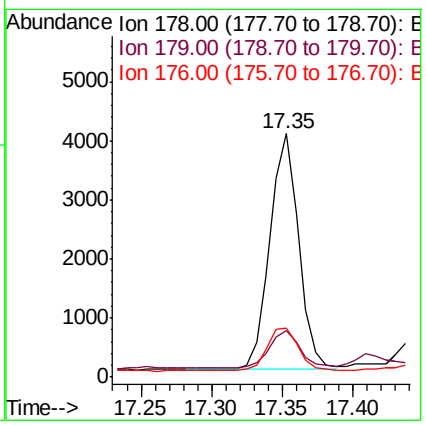


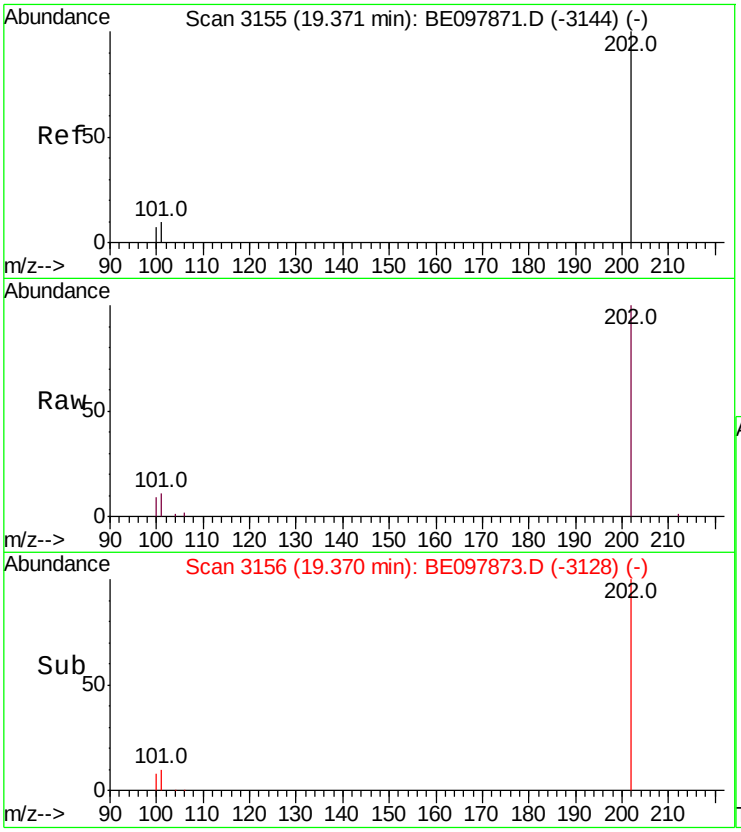




#12
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.35 min Scan# 2685
Delta R.T. 0.00 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

Tgt Ion:178 Resp: 5669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 19.0 | 12.8 | 19.2 |
| 176 | 20.4 | 14.9 | 22.3 |



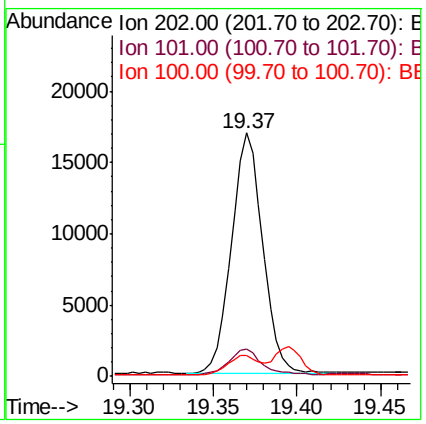


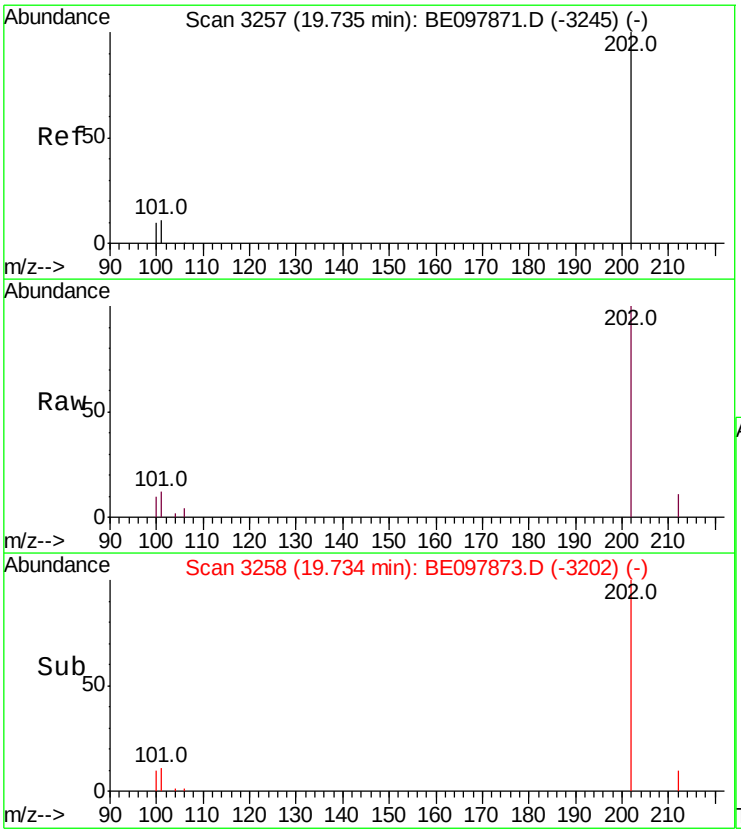

#15
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.37 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

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

Tgt Ion:202 Resp: 21660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 29.3 |
| 100 | 8.5 | 0.0 | 27.5 |

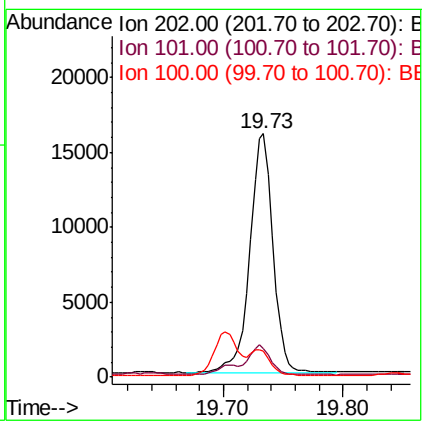


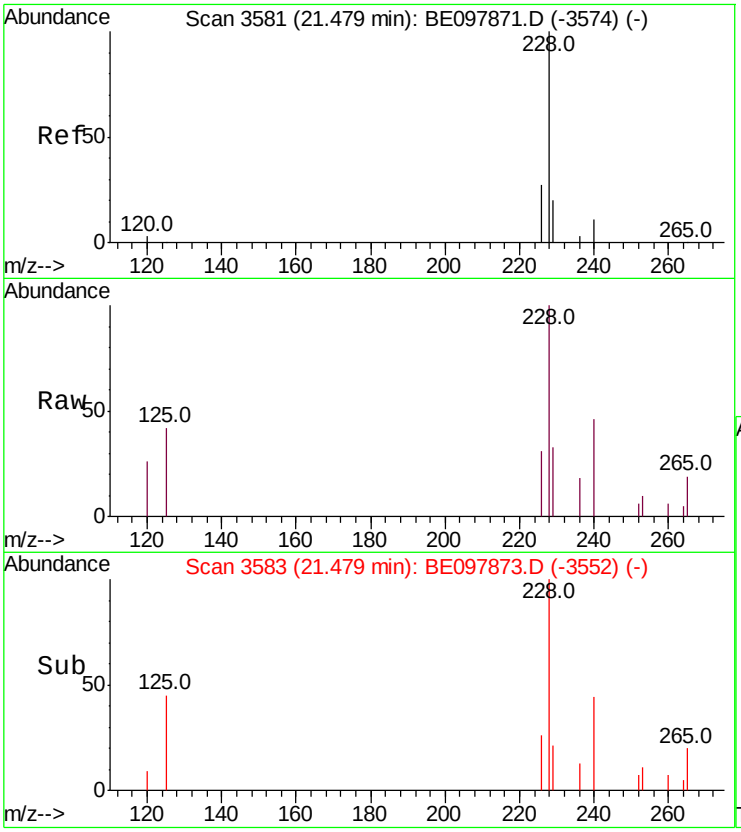




#17
Pyrene
Concen: 0.313 ng/ul
RT: 19.73 min Scan# 3258
Delta R.T. -0.00 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

Tgt Ion:202 Resp: 21348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 8.8 | 13.2 |
| 100 | 10.4 | 7.9 | 11.9 |



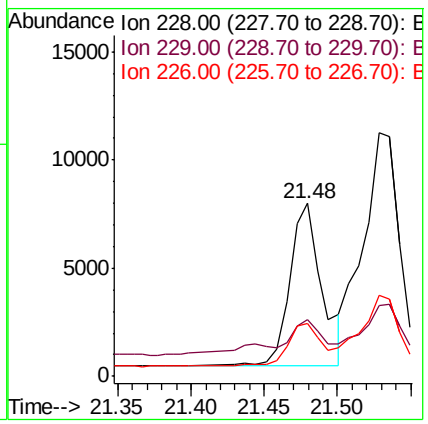


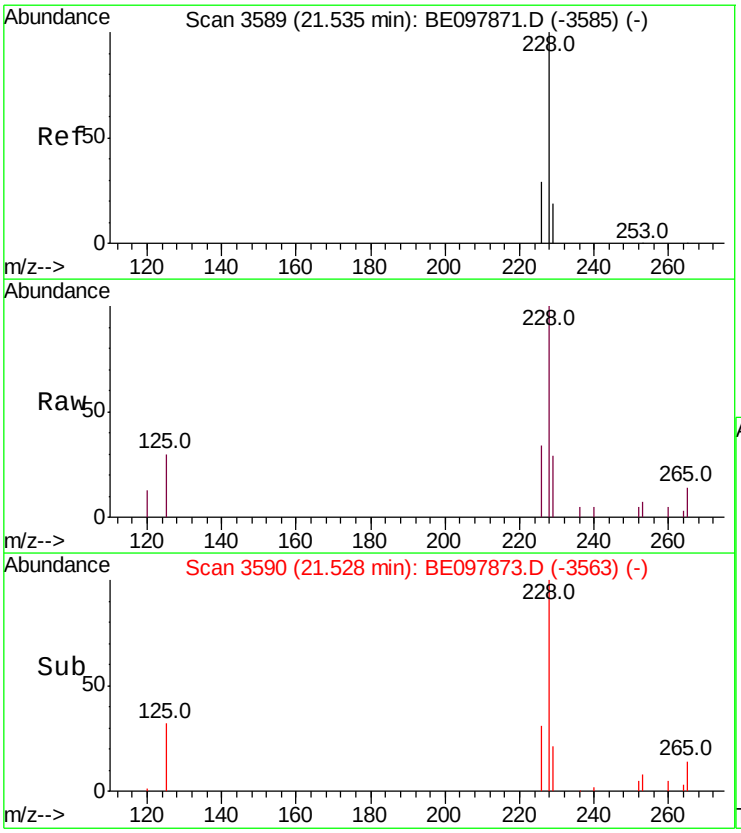

#18
Benzo(a)anthracene
Concen: 0.218 ng/ul
RT: 21.48 min Scan# 3583
Delta R.T. 0.00 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

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

Tgt Ion:228 Resp: 15103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 32.6 | 16.4 | 24.6# |
| 226 | 30.9 | 21.5 | 32.3 |

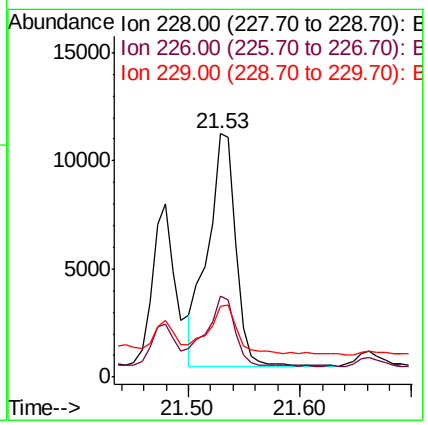


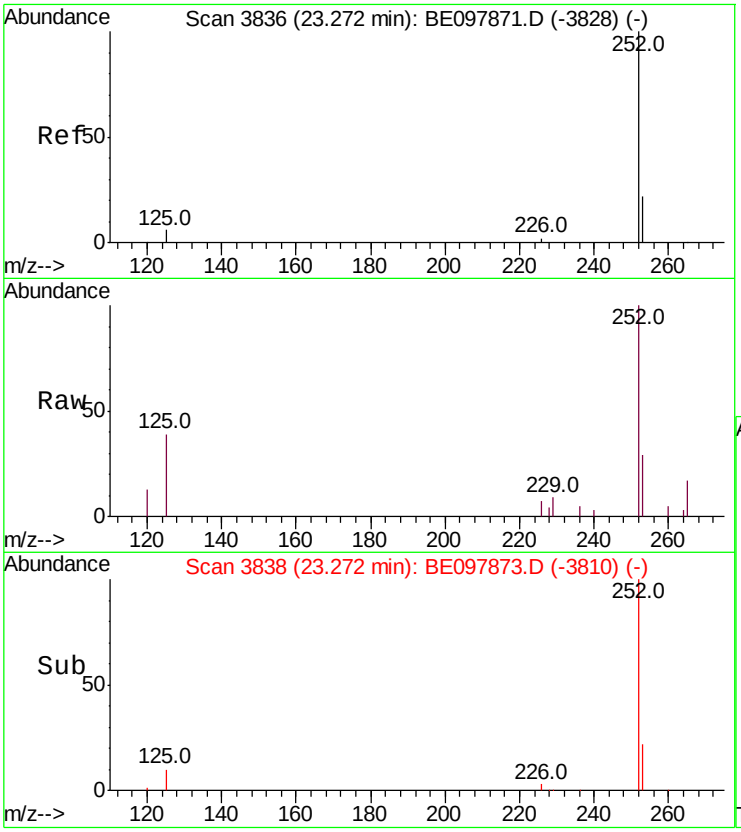




#19
Chrysene
Concen: 0.304 ng/ul
RT: 21.53 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

Tgt Ion:228 Resp: 18925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.6 | 23.0 | 34.4 |
| 229 | 28.9 | 15.5 | 23.3# |



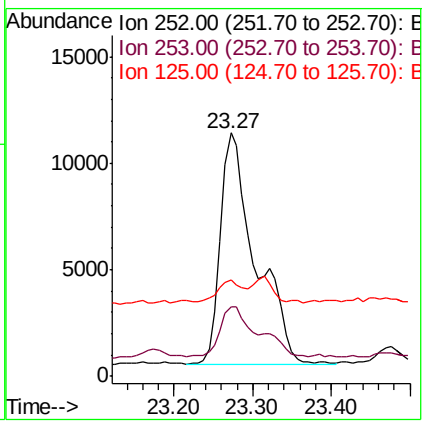


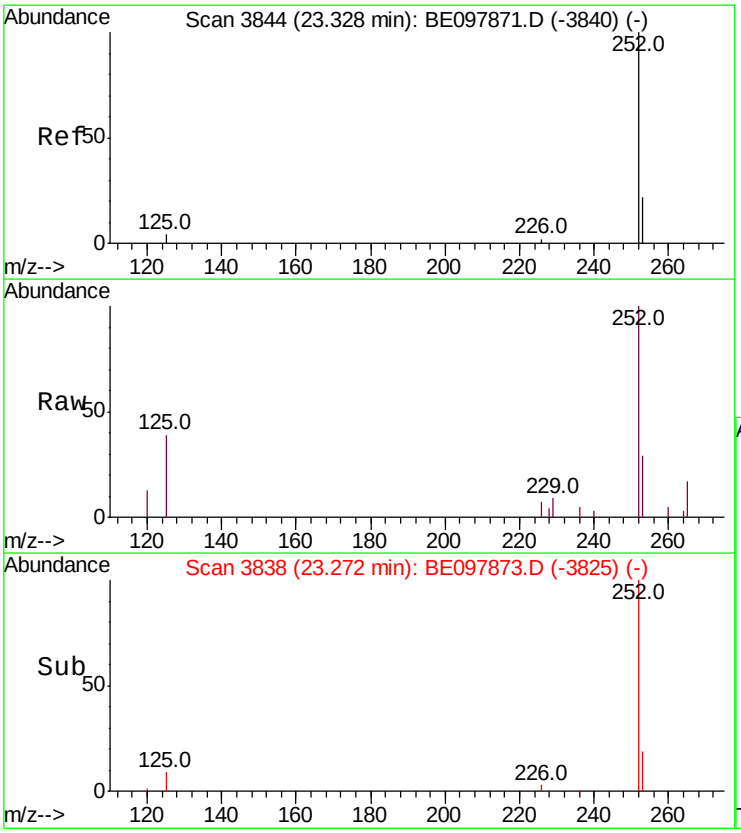

#21
Benzo(b)fluoranthene
Concen: 0.523 ng/ul
RT: 23.27 min Scan# 3838
Delta R.T. 0.00 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

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

Tgt Ion:252 Resp: 33871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.5 | 0.0 | 47.0 |
| 125 | 39.4 | 0.0 | 18.2# |

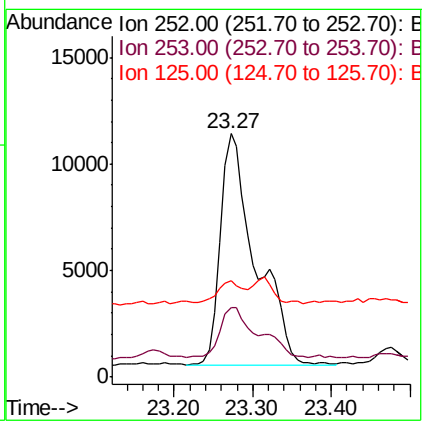


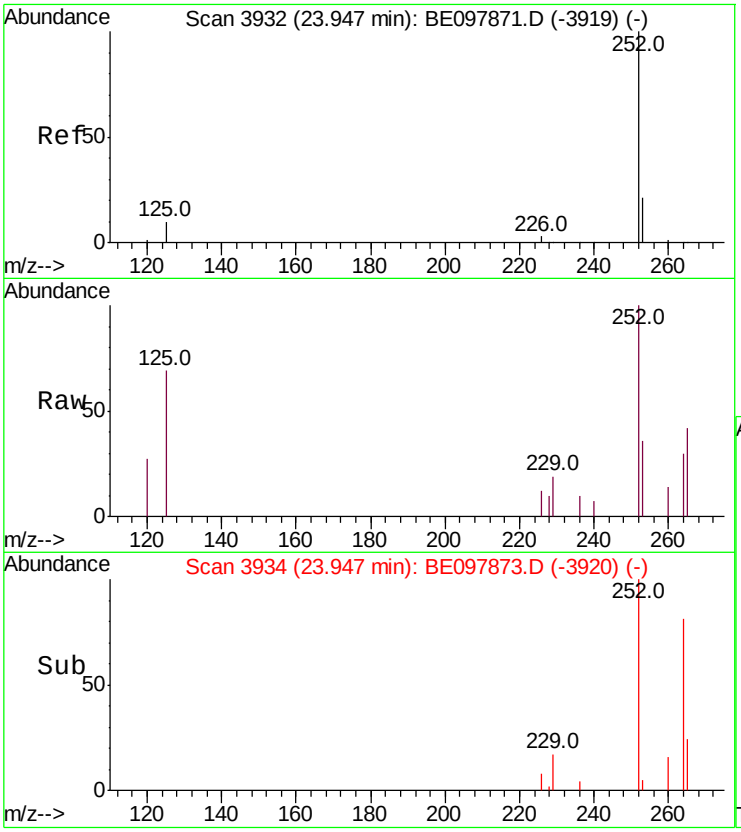




#22
Benzo(k)fluoranthene
Concen: 0.489 ng/ul
RT: 23.27 min Scan# 3838
Delta R.T. -0.06 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

Tgt Ion:252 Resp: 33871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.5 | 17.8 | 26.6# |
| 125 | 39.4 | 9.4 | 14.0# |



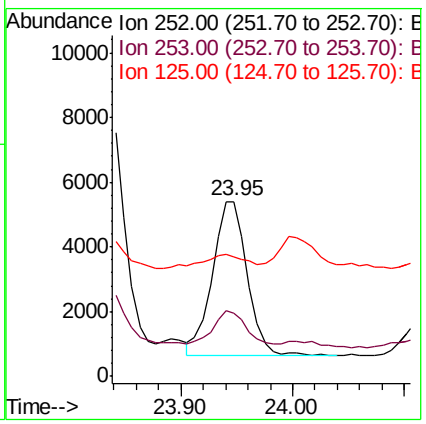


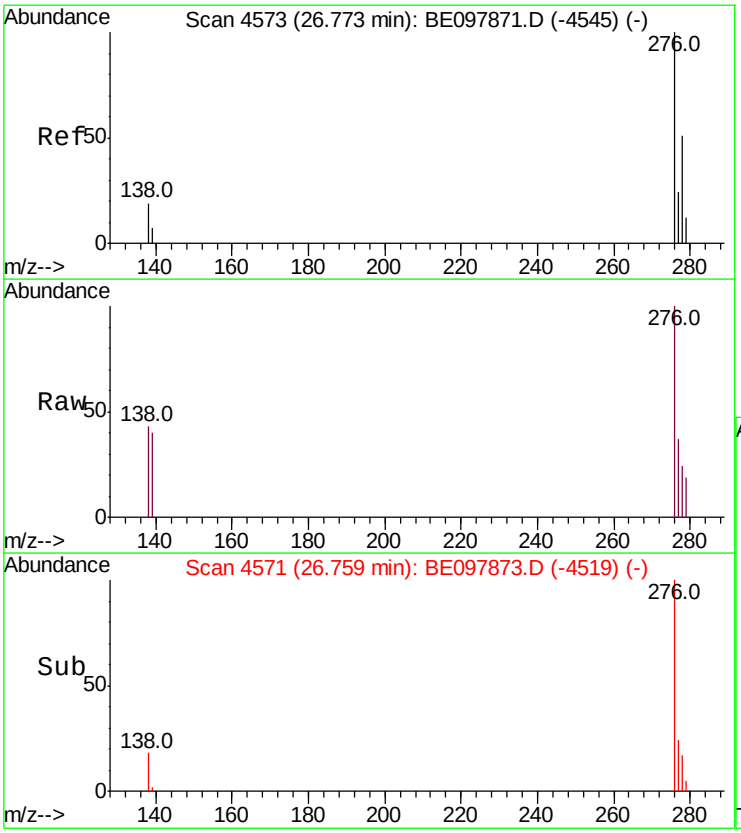

#23
Benzo(a)pyrene
Concen: 0.164 ng/ul
RT: 23.95 min Scan# 3934
Delta R.T. 0.00 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

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

Tgt Ion:252 Resp: 10453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 36.2 | 18.2 | 27.4# |
| 125 | 68.6 | 8.3 | 12.5# |

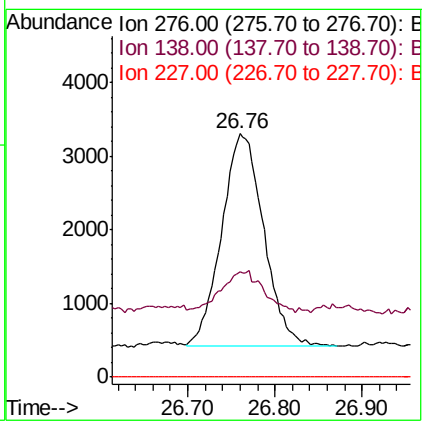


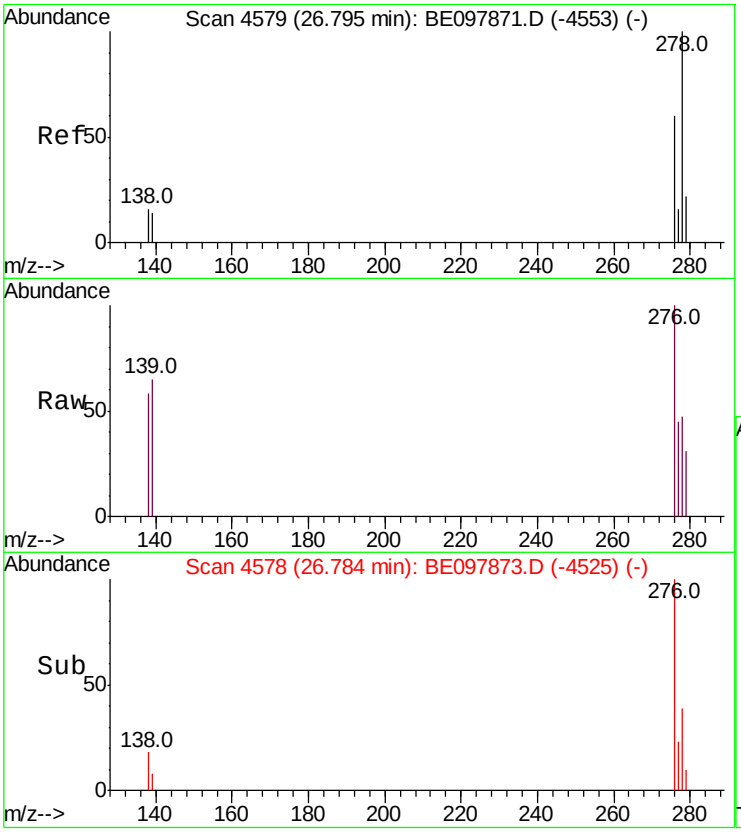




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng/ul
RT: 26.76 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

Tgt Ion:276 Resp: 9731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.5 | 0.0 | 0.0# |
| 227 | 0.0 | 0.0 | 0.0 |



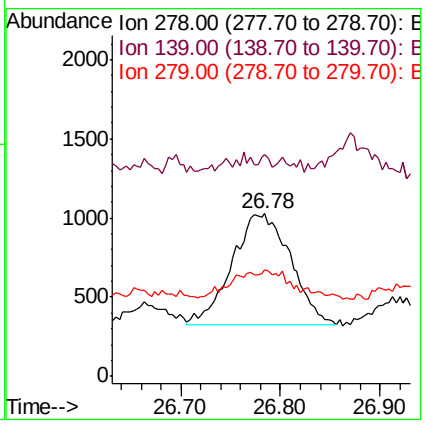


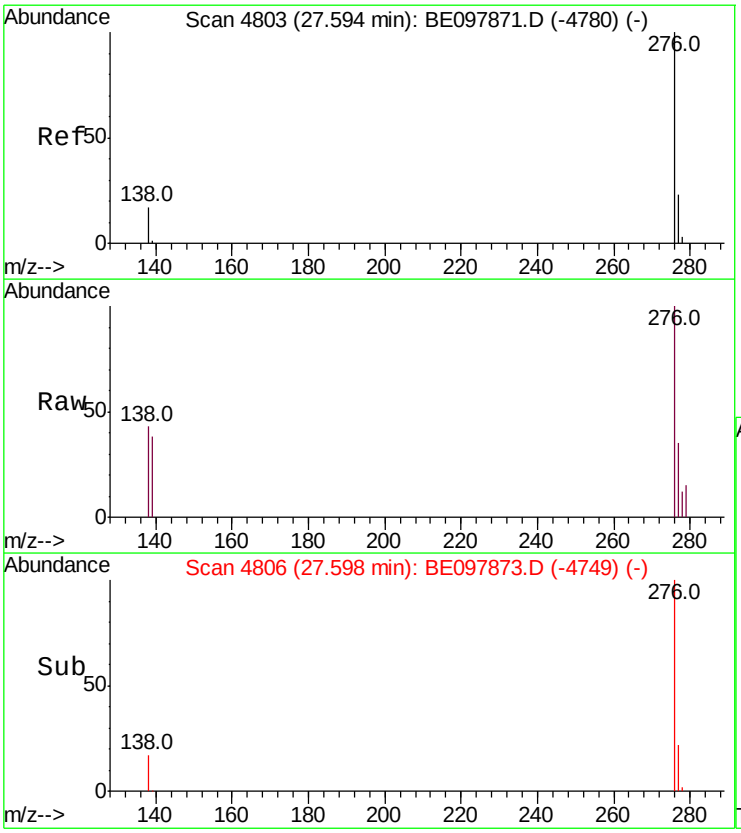

#25
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 26.78 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

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

Tgt Ion:278 Resp: 2843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 136.3 | 10.9 | 16.3# |
| 279 | 65.4 | 18.8 | 28.2# |




#26
Benzo(g,h,i)perylene
Concen: 0.176 ng/ul
RT: 27.60 min Scan# 4806
Delta R.T. 0.00 min
Lab File: BE097873.D
Acq: 12 Oct 2018 00:53

Tgt Ion:276 Resp: 11045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 42.7 | 14.3 | 21.5# |
| 277 | 34.9 | 19.5 | 29.3# |