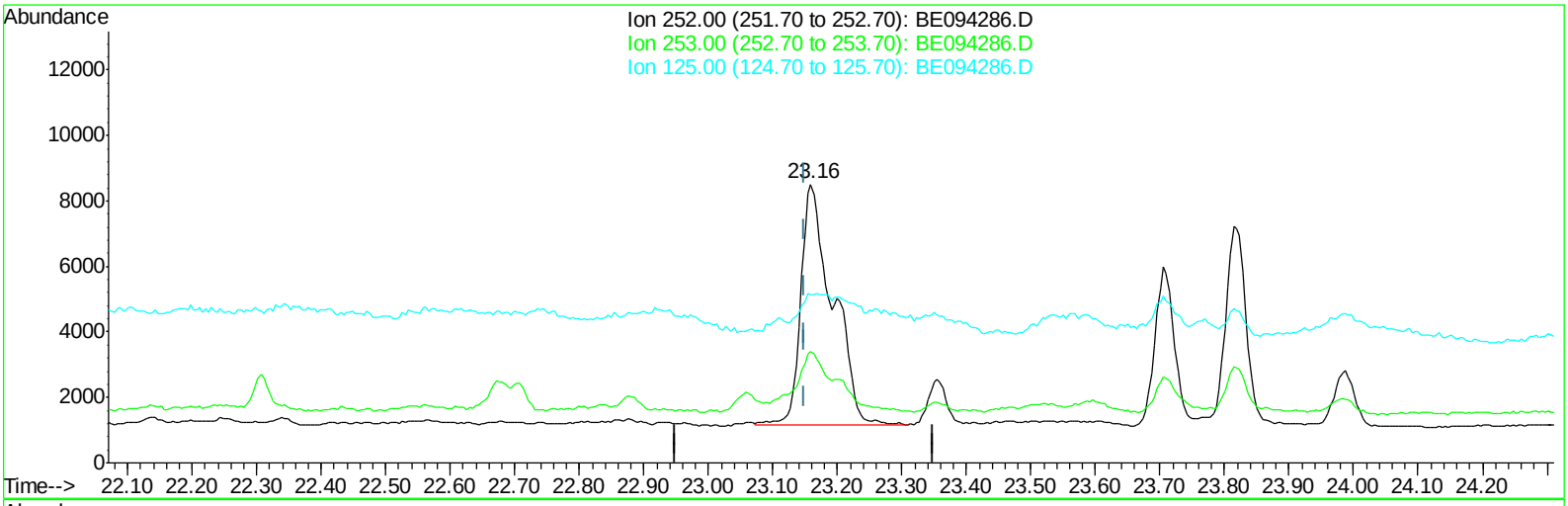
Quantitation Report (Qedit)

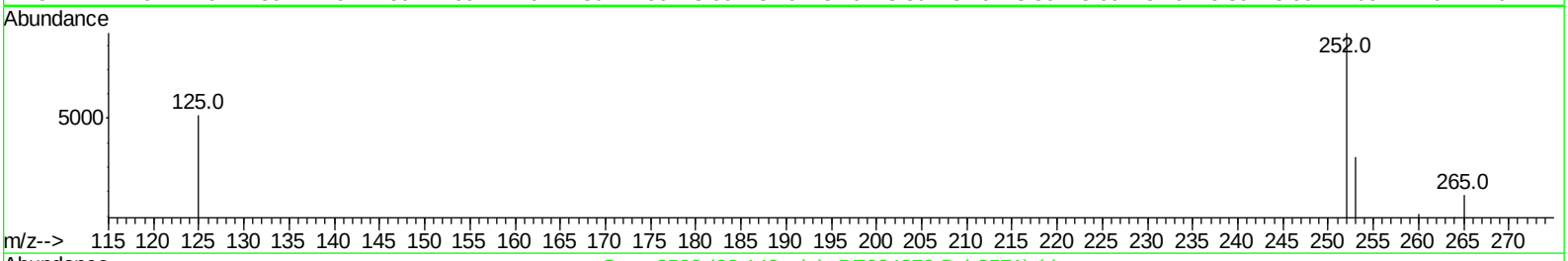
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094286.D
Acq On : 11 Oct 2017 19:12
Operator : SJ/JU
Sample : I5490-01DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

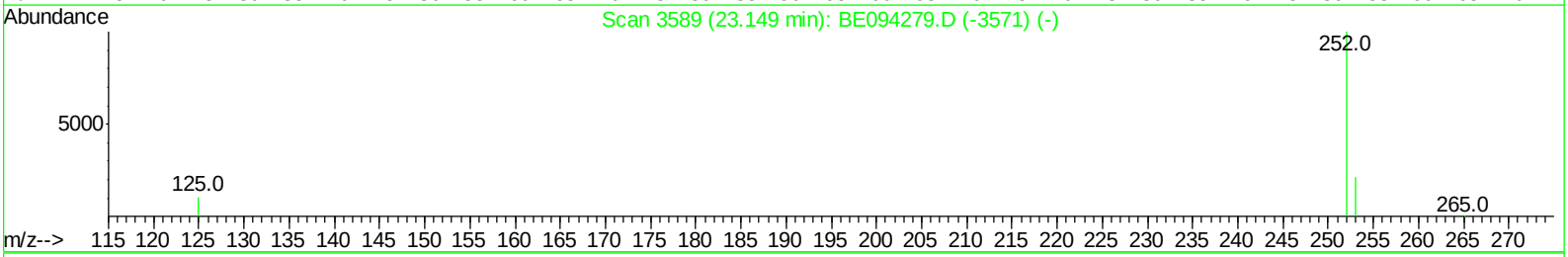
Quant Time: Oct 12 07:35:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
B-43(0-1)-092617DL

**Manual Integrations APPROVED**
Sohil
10/13/2017 12:05:39 PM




TIC: BE094286.D

(21) Benzo(b)fluoranthene

23.159min (+0.010) 0.82ng/ul

response 25283

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 32.10 | 39.90 |
| 125.00 | 17.50 | 60.61# |
| 0.00 | 0.00 | 0.00 |

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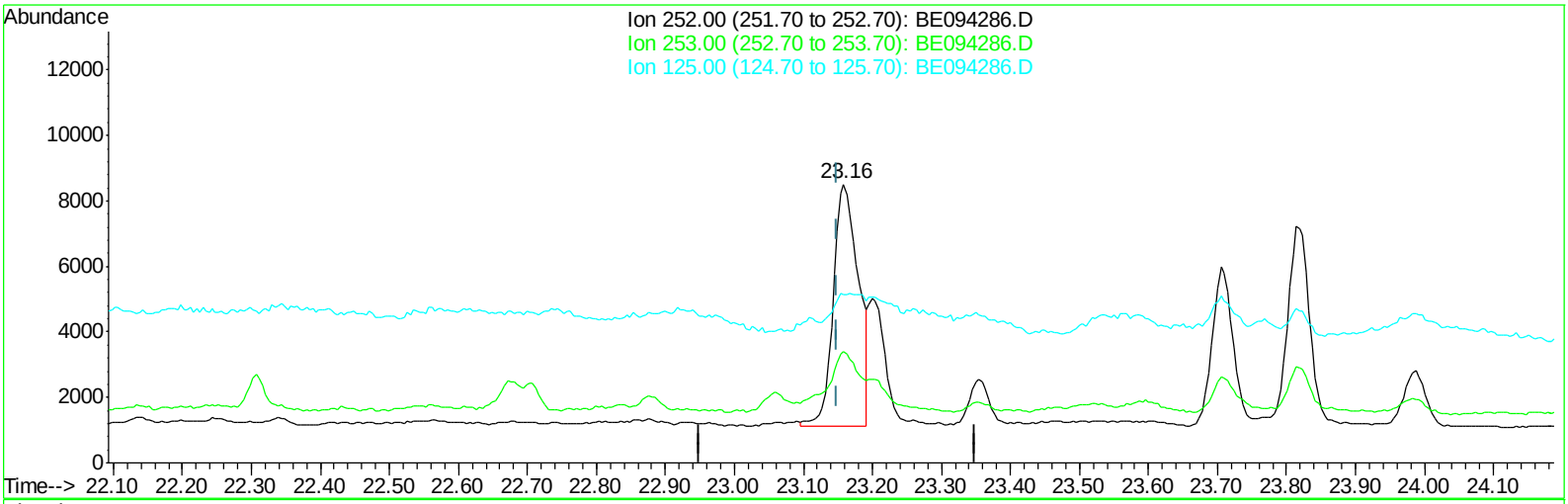
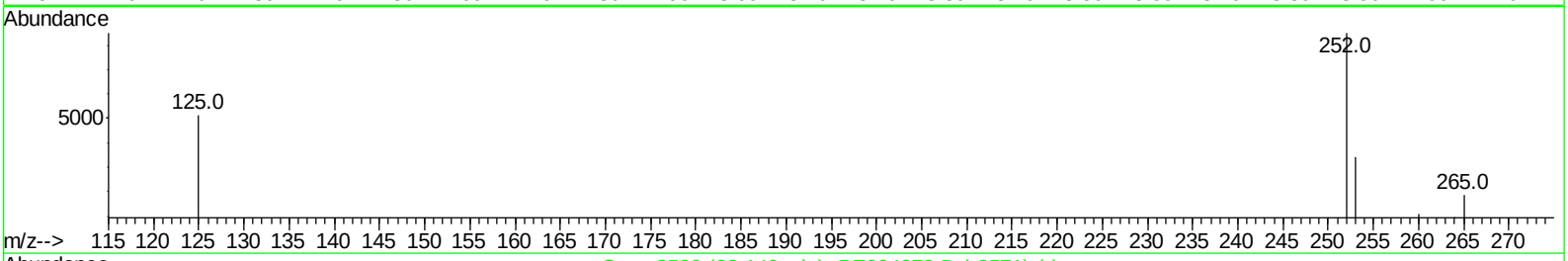
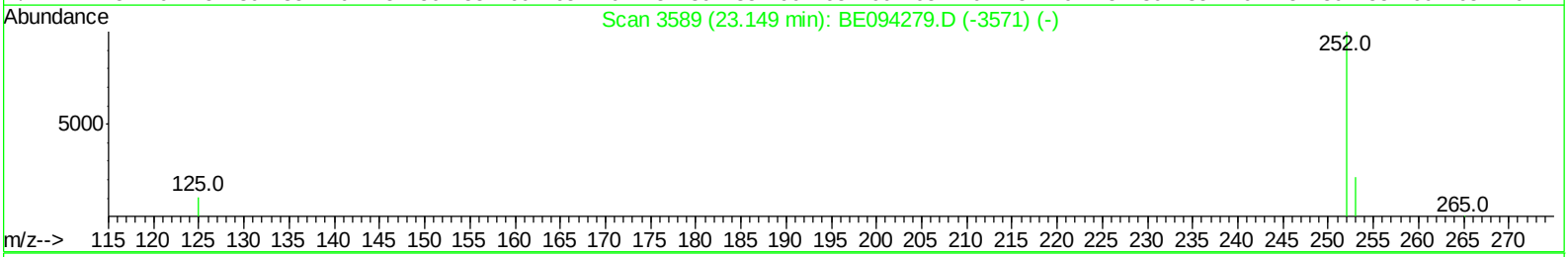
**Manual Integrations APPROVED**
Sohil
10/13/2017 12:05:39 PM




TIC: BE094286.D

(21) Benzo(b)fluoranthene

23.159min (+0.010) 0.60ng/ul m

response 18685

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 32.10 | 39.90 |
| 125.00 | 17.50 | 60.61# |
| 0.00 | 0.00 | 0.00 |

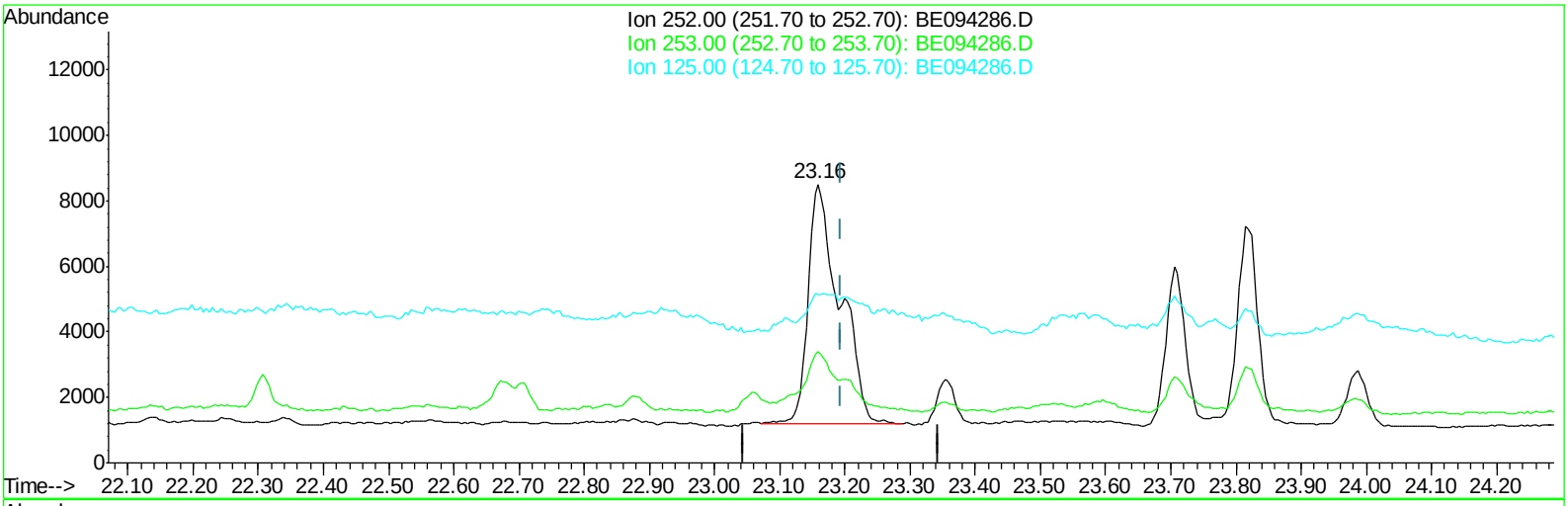
Quantitation Report (Qedit)

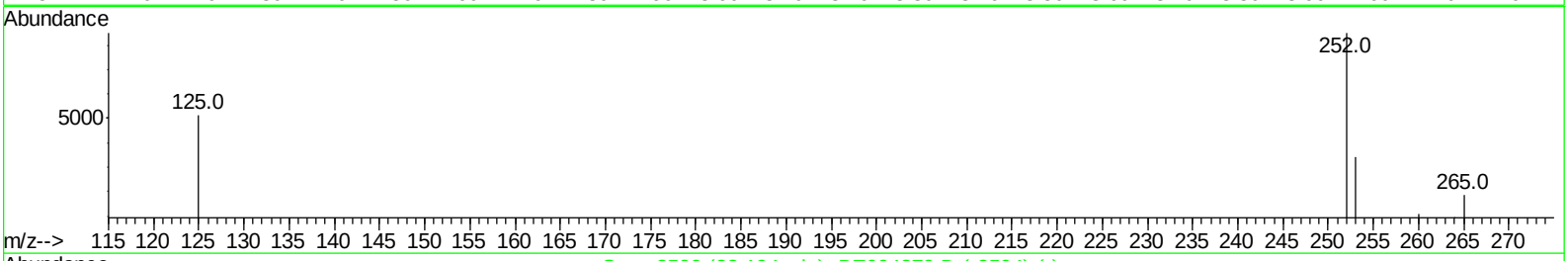
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094286.D
Acq On : 11 Oct 2017 19:12
Operator : SJ/JU
Sample : I5490-01DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

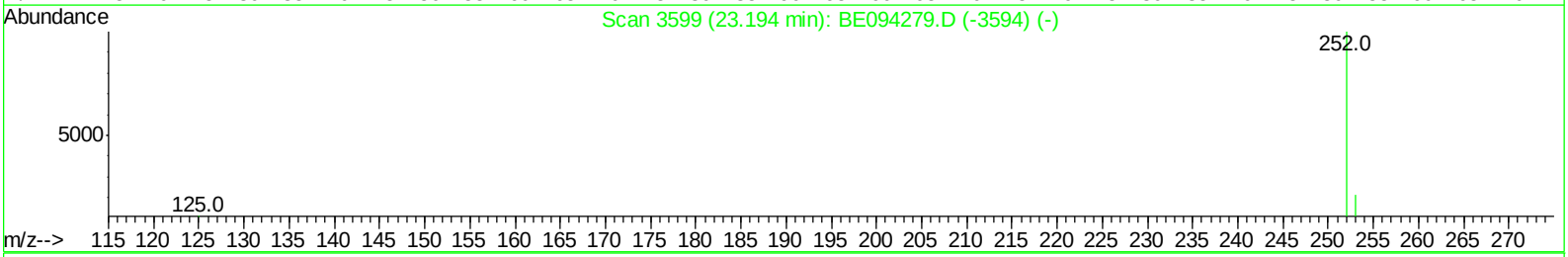
Quant Time: Oct 12 07:35:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
B-43(0-1)-092617DL

**Manual Integrations APPROVED**
Sohil
10/13/2017 12:05:39 PM




TIC: BE094286.D

(22) Benzo(k)fluoranthene

23.159min (-0.036) 0.69ng/ul

response 24828

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 39.90# |
| 125.00 | 17.10 | 60.61# |
| 0.00 | 0.00 | 0.00 |

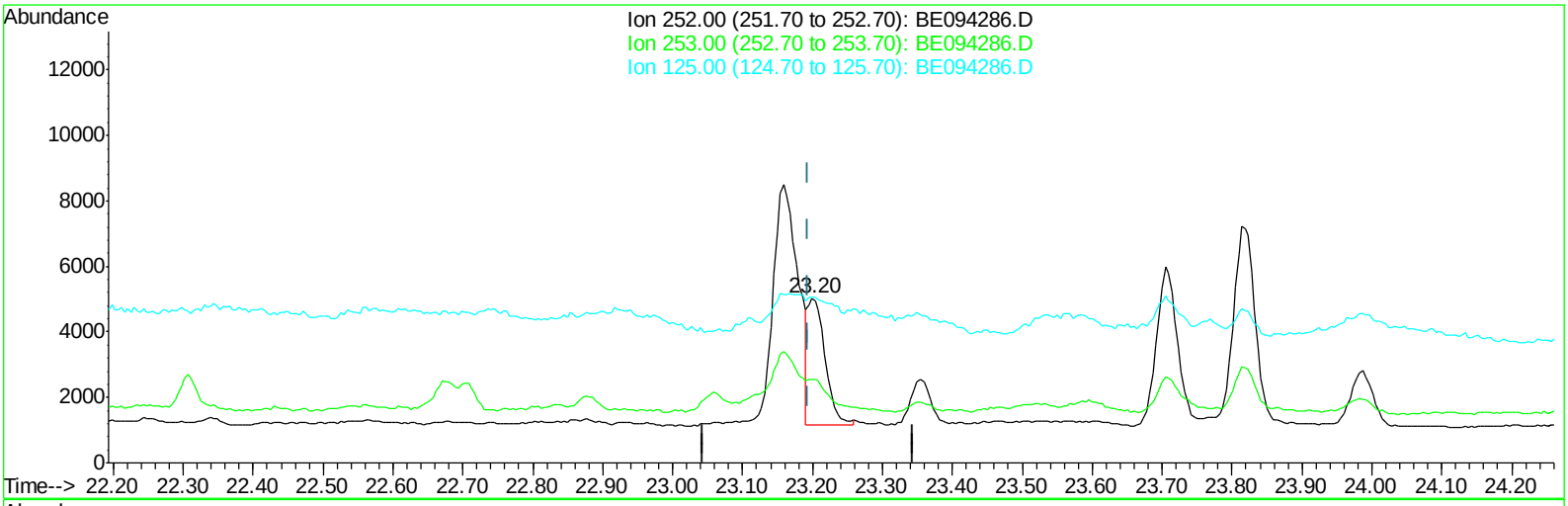
Quantitation Report (Qedit)

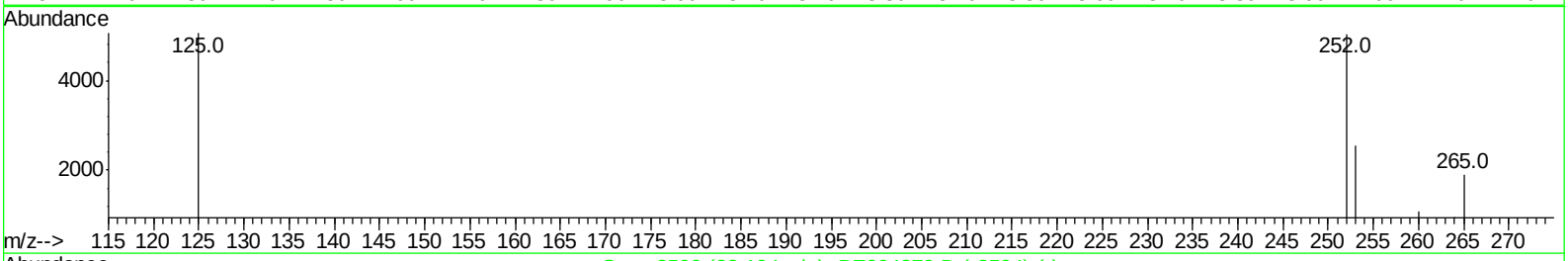
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094286.D
Acq On : 11 Oct 2017 19:12
Operator : SJ/JU
Sample : I5490-01DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

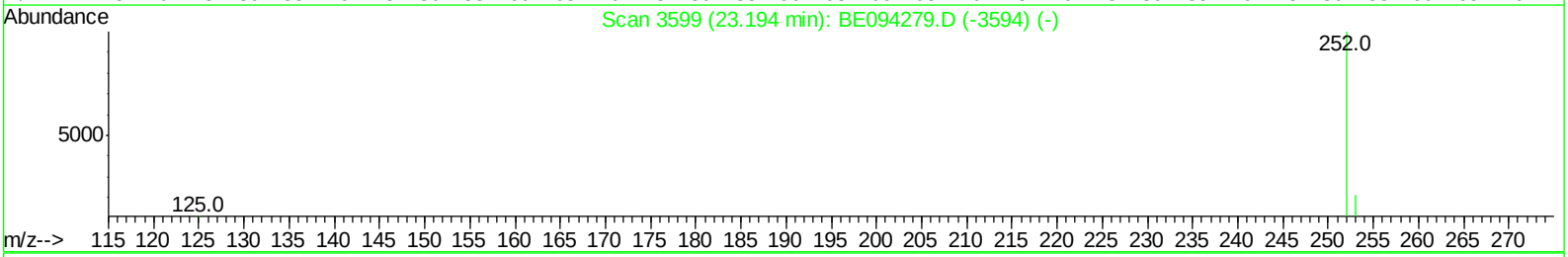
Quant Time: Oct 12 07:35:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
B-43(0-1)-092617DL

**Manual Integrations APPROVED**
Sohil
10/13/2017 12:05:39 PM




TIC: BE094286.D

(22) Benzo(k)fluoranthene

23.200min (+0.005) 0.18ng/ul m

response 6452

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 50.78# |
| 125.00 | 17.10 | 100.44# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094286.D
Acq On : 11 Oct 2017 19:12
Operator : SJ/JU
Sample : I5490-01DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
B-43(0-1)-092617DL

**Manual Integrations APPROVED**
Sohil
10/13/2017 12:05:39 PM

Quant Time: Oct 12 08:30:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.91 | 152 | 1870 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.70 | 136 | 9446 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.52 | 164 | 5239 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.26 | 188 | 10975 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.42 | 240 | 10866 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.93 | 264 | 11416 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.28 | 152 | 659 | 0.04 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.28 | 212 | 1529 | 0.04 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.74 | 128 | 7380 | 0.319 | ng/ul# | 94 |
| 5) 2-Methylnaphthalene | 12.35 | 142 | 3660 | 0.244 | ng/ul | 97 |
| 7) Acenaphthylene | 14.24 | 152 | 977 | 0.048 | ng/ul# | 64 |
| 8) Acenaphthene | 14.58 | 153 | 1586 | 0.094 | ng/ul | 99 |
| 9) Fluorene | 15.57 | 166 | 1773 | 0.090 | ng/ul# | 89 |
| 12) Phenanthrene | 17.29 | 178 | 23309 | 0.813 | ng/ul# | 92 |
| 13) Anthracene | 17.38 | 178 | 5898 | 0.211 | ng/ul# | 95 |
| 15) Fluoranthene | 19.30 | 202 | 31596 | 0.838 | ng/ul | 84 |
| 17) Pyrene | 19.67 | 202 | 31906 | 1.055 | ng/ul# | 82 |
| 18) Benzo(a)anthracene | 21.40 | 228 | 15521 | 0.538 | ng/ul# | 79 |
| 19) Chrysene | 21.45 | 228 | 17960 | 0.540 | ng/ul# | 74 |
| 21) Benzo(b)fluoranthene | 23.16 | 252 | 18685m | 0.603 | ng/ul | |
| 22) Benzo(k)fluoranthene | 23.20 | 252 | 6452m | 0.180 | ng/ul | |
| 23) Benzo(a)pyrene | 23.81 | 252 | 13426 | 0.417 | ng/ul# | 60 |
| 24) Indeno(1,2,3-cd)pyrene | 26.59 | 276 | 9250 | 0.281 | ng/ul# | 76 |
| 26) Benzo(g,h,i)perylene | 27.42 | 276 | 13340 | 0.469 | ng/ul# | 65 |

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

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10/13/2017 12:05:39 PM