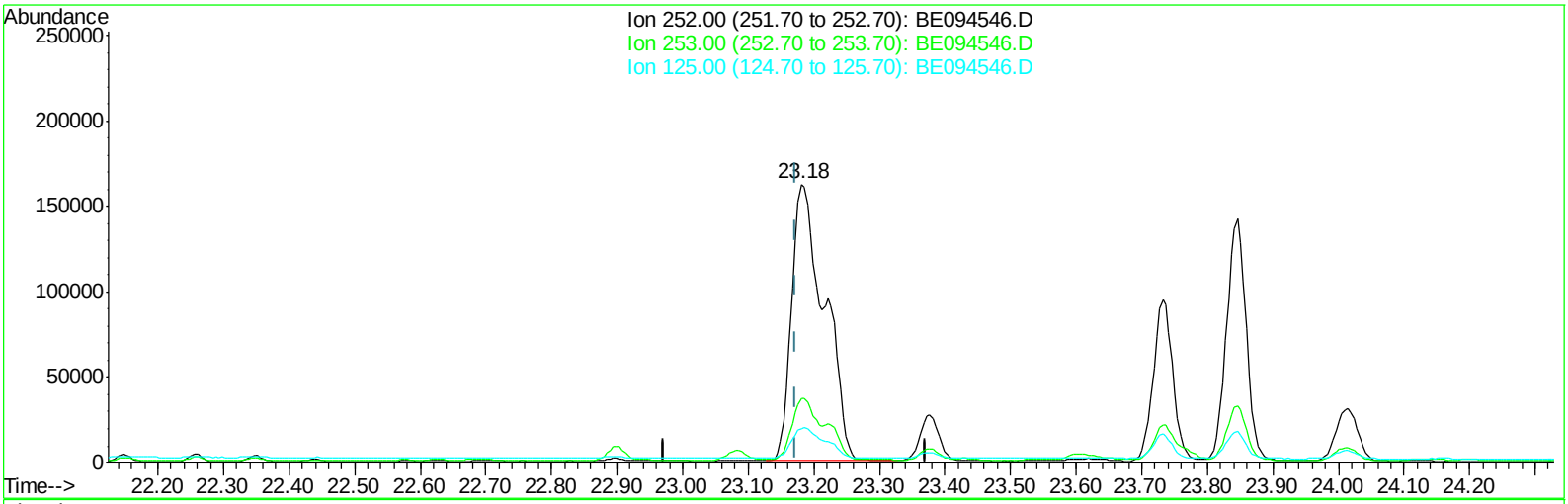
Quantitation Report (Qedit)

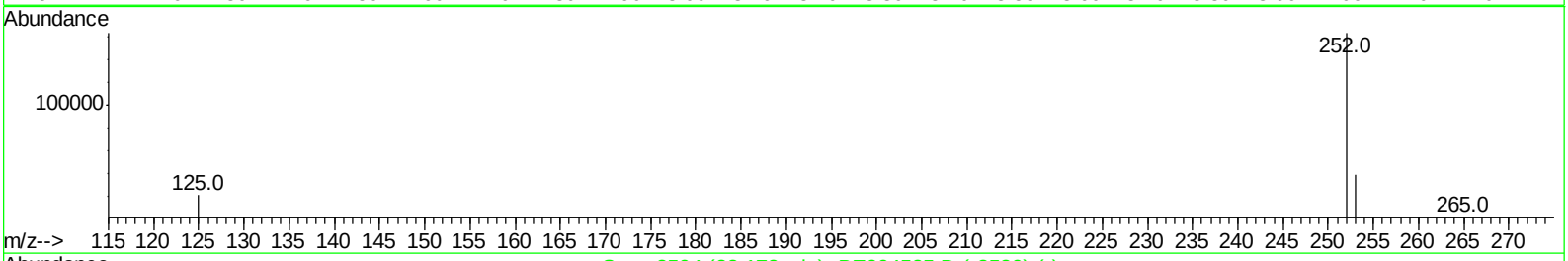
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094546.D
Acq On : 25 Oct 2017 23:10
Operator : SJ/JU
Sample : I5783-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

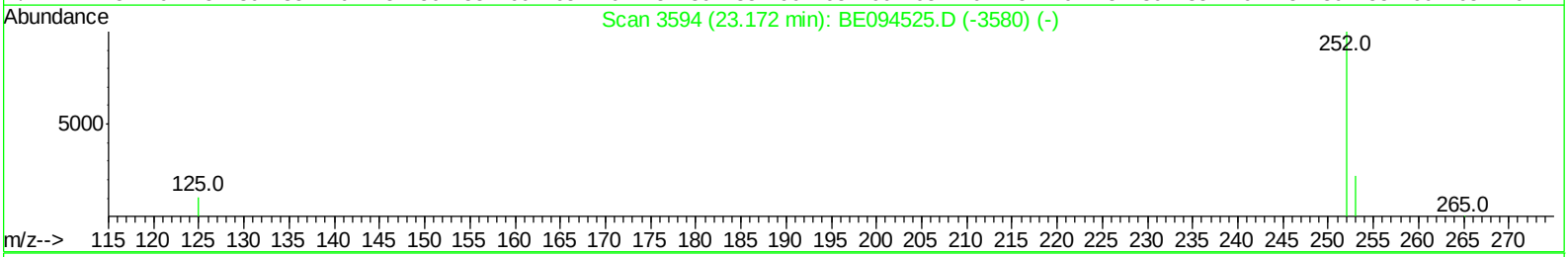
Quant Time: Oct 26 11:59:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
B-28(1.5-2.75)-100917

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:30 AM




TIC: BE094546.D

(21) Benzo(b)fluoranthene

23.181min (+0.009) 19.43ng/ul

response 562019

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 32.10 | 23.27 |
| 125.00 | 17.50 | 12.50 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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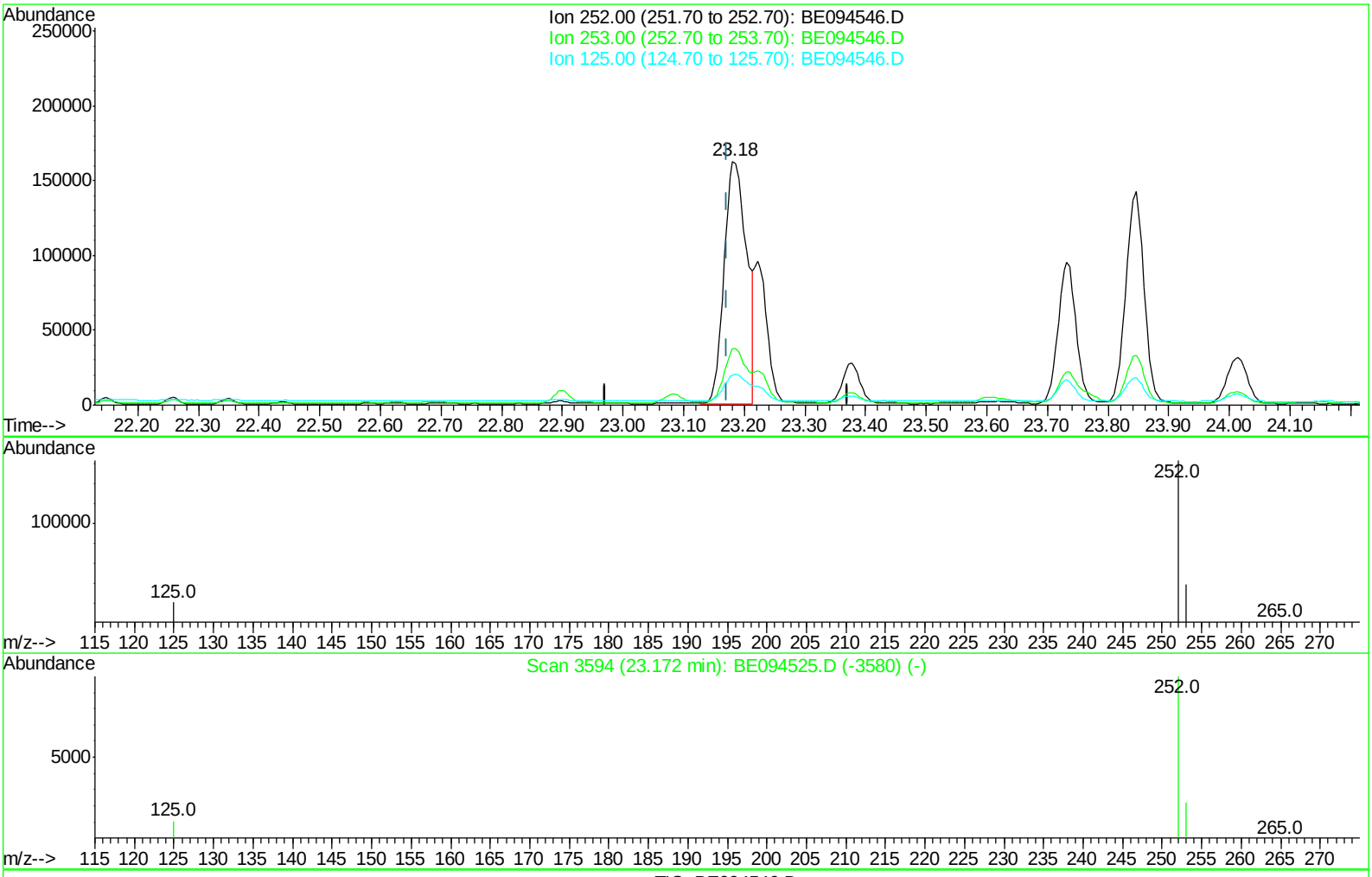
**Instrument :**
BNA_E
**ClientSampleId :**
B-28(1.5-2.75)-100917

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:30 AM




TIC: BE094546.D

(21) Benzo(b)fluoranthene

23.181min (+0.009) 14.59ng/ul m

response 422085

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 32.10 | 23.27 |
| 125.00 | 17.50 | 12.50 |
| 0.00 | 0.00 | 0.00 |

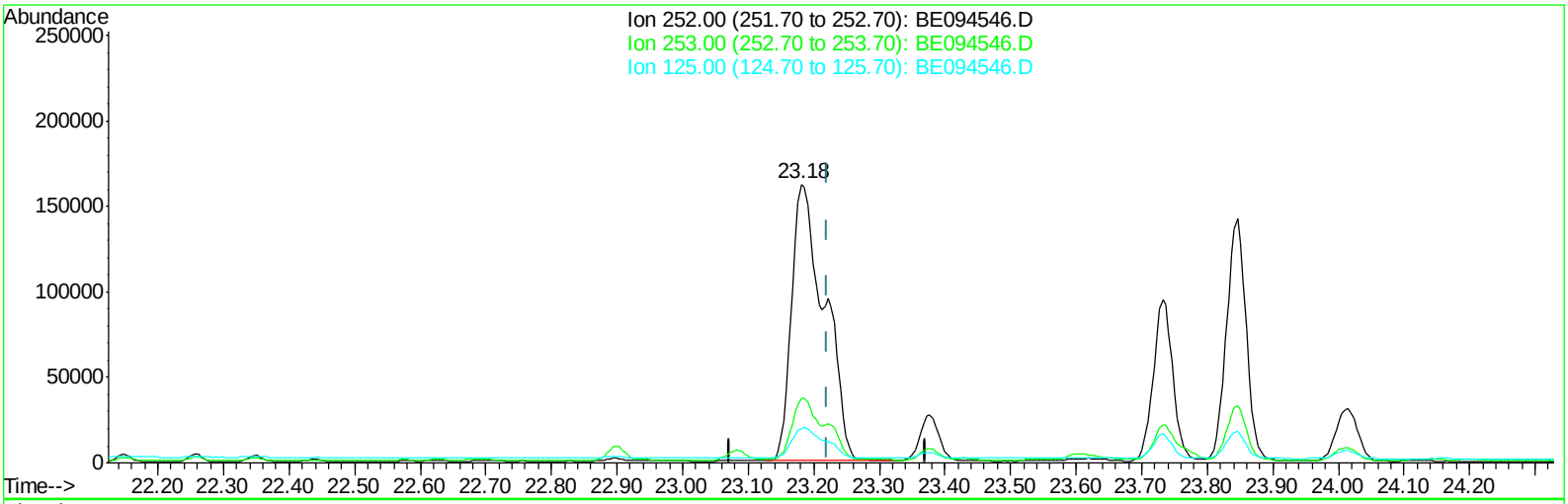
Quantitation Report (Qedit)

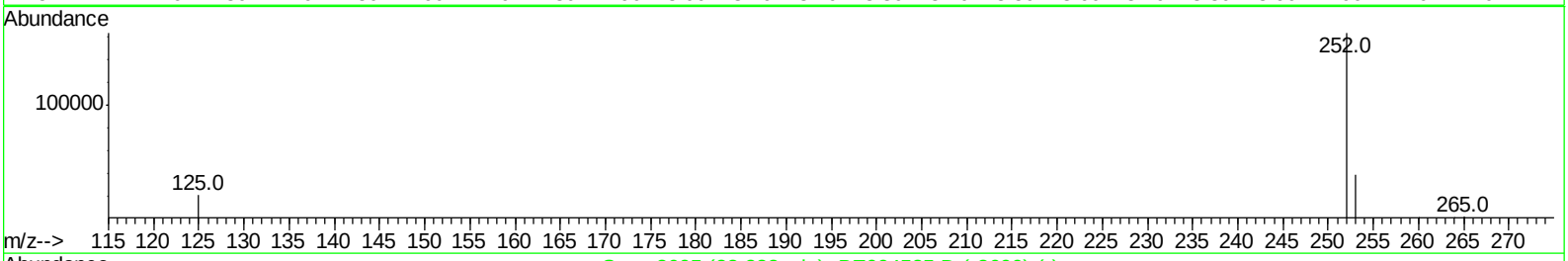
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094546.D
Acq On : 25 Oct 2017 23:10
Operator : SJ/JU
Sample : I5783-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

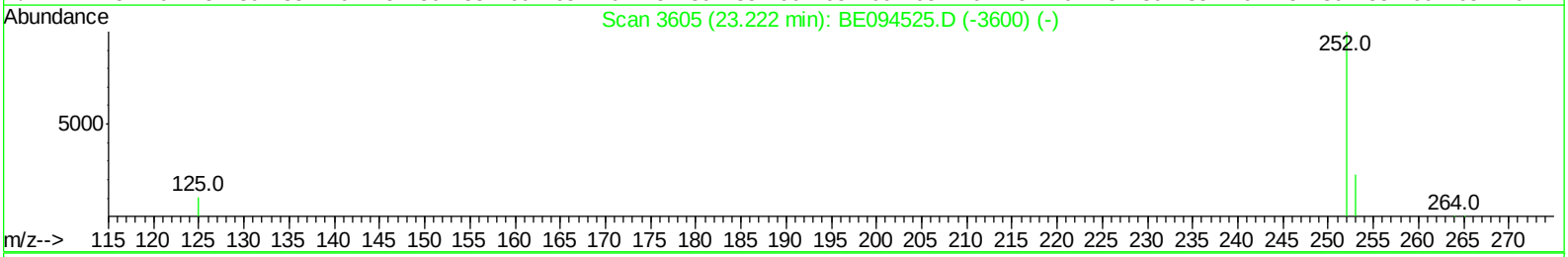
Quant Time: Oct 26 11:59:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
B-28(1.5-2.75)-100917

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:30 AM




TIC: BE094546.D

(22) Benzo(k)fluoranthene

23.181min (-0.041) 18.13ng/ul

response 562019

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 23.27# |
| 125.00 | 17.10 | 12.50# |
| 0.00 | 0.00 | 0.00 |

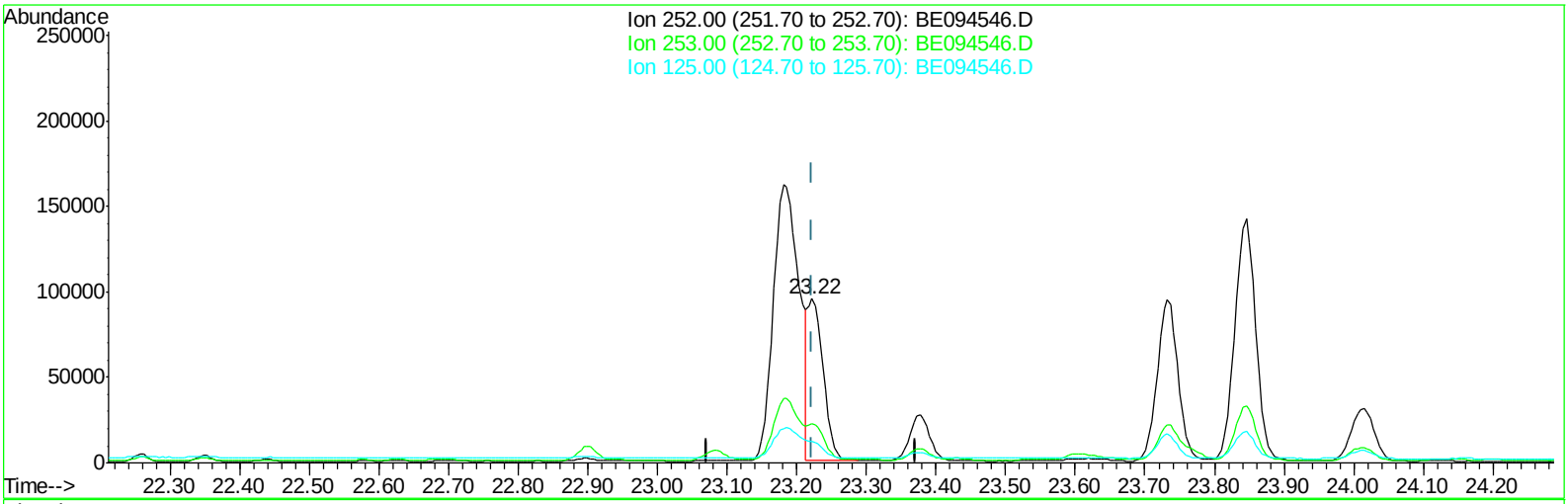
Quantitation Report (Qedit)

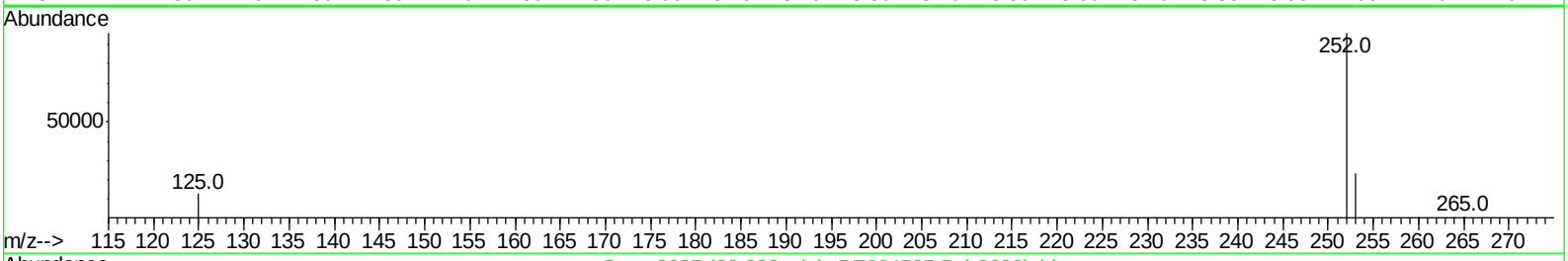
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094546.D
Acq On : 25 Oct 2017 23:10
Operator : SJ/JU
Sample : I5783-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

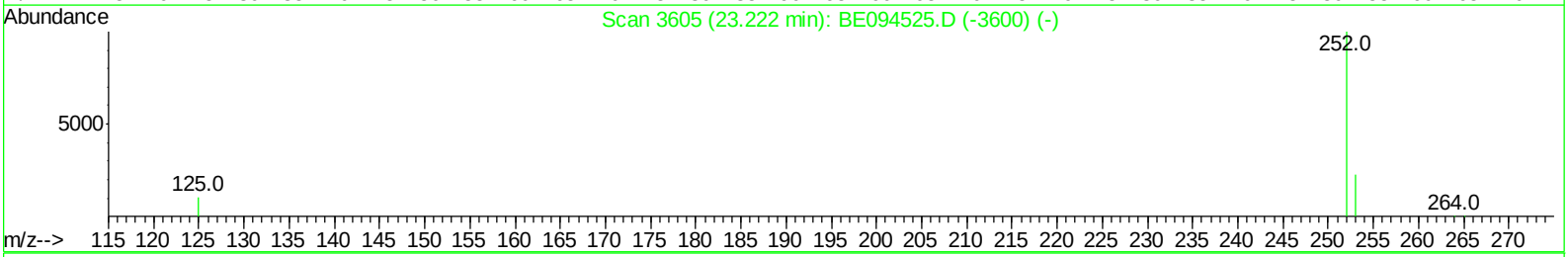
Quant Time: Oct 26 11:59:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
B-28(1.5-2.75)-100917

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:30 AM




TIC: BE094546.D

(22) Benzo(k)fluoranthene

23.222min (+0.000) 4.54ng/ul m

response 140843

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 24.12# |
| 125.00 | 17.10 | 13.40# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094546.D
Acq On : 25 Oct 2017 23:10
Operator : SJ/JU
Sample : I5783-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
B-28(1.5-2.75)-100917

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:30 AM

Quant Time: Oct 26 13:06:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.90 | 152 | 1411 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.69 | 136 | 7955 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.51 | 164 | 4642 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.26 | 188 | 10041 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.43 | 240 | 9978 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.96 | 264 | 10282 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.28 | 152 | 697 | 0.05 | ng/ul | -0.02 |
| 14) Fluoranthene-d10 | 19.28 | 212 | 1319 | 0.04 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.74 | 128 | 9417 | 0.484 | ng/ul# | 78 |
| 5) 2-Methylnaphthalene | 12.35 | 142 | 13447 | 0.988 | ng/ul | 98 |
| 7) Acenaphthylene | 14.24 | 152 | 29356 | 1.398 | ng/ul | 97 |
| 8) Acenaphthene | 14.57 | 153 | 22347 | 1.481 | ng/ul | 94 |
| 9) Fluorene | 15.57 | 166 | 42696 | 2.520 | ng/ul | 94 |
| 12) Phenanthrene | 17.29 | 178 | 631006 | 23.792 | ng/ul# | 88 |
| 13) Anthracene | 17.38 | 178 | 144584 | 5.524 | ng/ul# | 88 |
| 15) Fluoranthene | 19.31 | 202 | 858728 | 28.006 | ng/ul | 84 |
| 17) Pyrene | 19.67 | 202 | 848859 | 27.519 | ng/ul# | 82 |
| 18) Benzo(a)anthracene | 21.41 | 228 | 433542 | 15.199 | ng/ul# | 87 |
| 19) Chrysene | 21.46 | 228 | 423277 | 14.356 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 23.18 | 252 | 422085m | 14.594 | ng/ul | |
| 22) Benzo(k)fluoranthene | 23.22 | 252 | 140843m | 4.544 | ng/ul | |
| 23) Benzo(a)pyrene | 23.85 | 252 | 296508 | 10.256 | ng/ul# | 79 |
| 24) Indeno(1,2,3-cd)pyrene | 26.65 | 276 | 173884 | 5.812 | ng/ul# | 76 |
| 25) Dibenzo(a,h)anthracene | 26.65 | 278 | 50168 | 1.990 | ng/ul | 96 |
| 26) Benzo(g,h,i)perylene | 27.48 | 276 | 137677 | 5.731 | ng/ul | 97 |

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

Quantitation Report (QT Reviewed)

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10/27/2017 8:56:30 AM