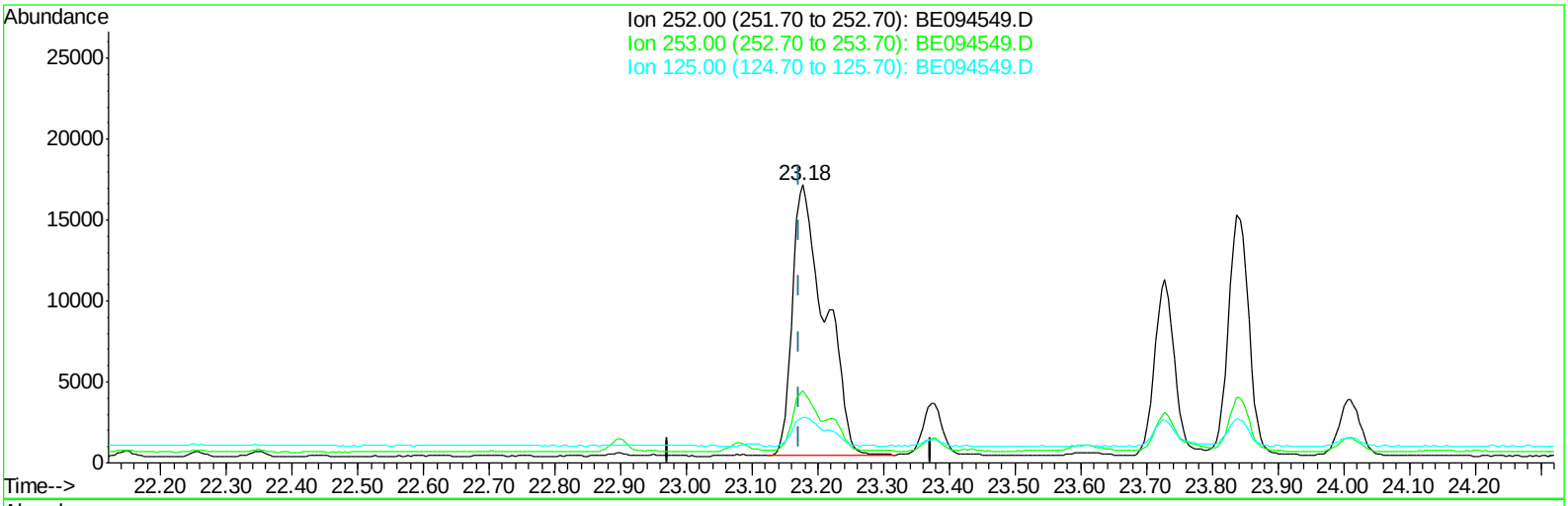
Quantitation Report (Qedit)

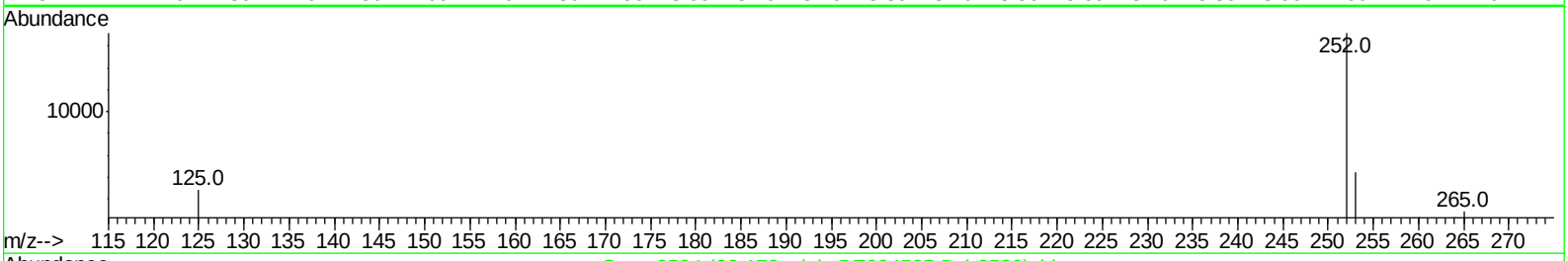
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094549.D
Acq On : 26 Oct 2017 1:00
Operator : SJ/JU
Sample : I5747-02 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

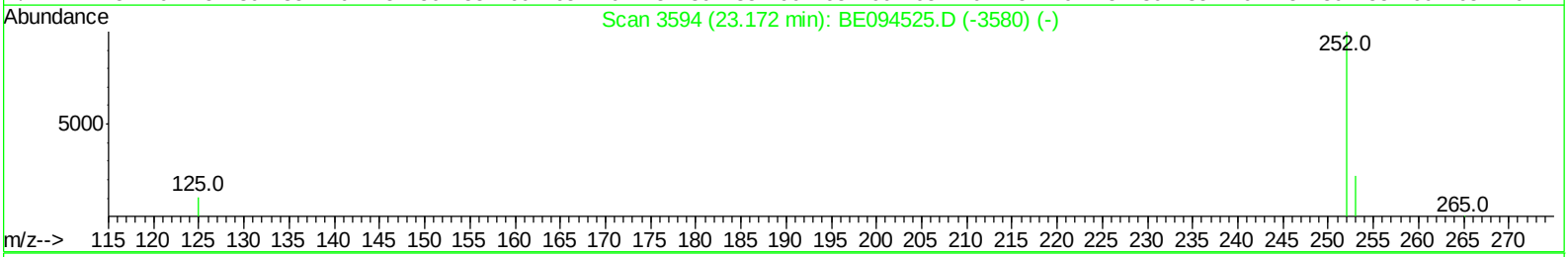
Quant Time: Oct 26 12:00:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
B-23(1-3)-100517

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:36 AM




TIC: BE094549.D

(21) Benzo(b)fluoranthene

23.177min (+0.005) 1.95ng/ul

response 57958

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 32.10 | 25.92 |
| 125.00 | 17.50 | 16.29 |
| 0.00 | 0.00 | 0.00 |

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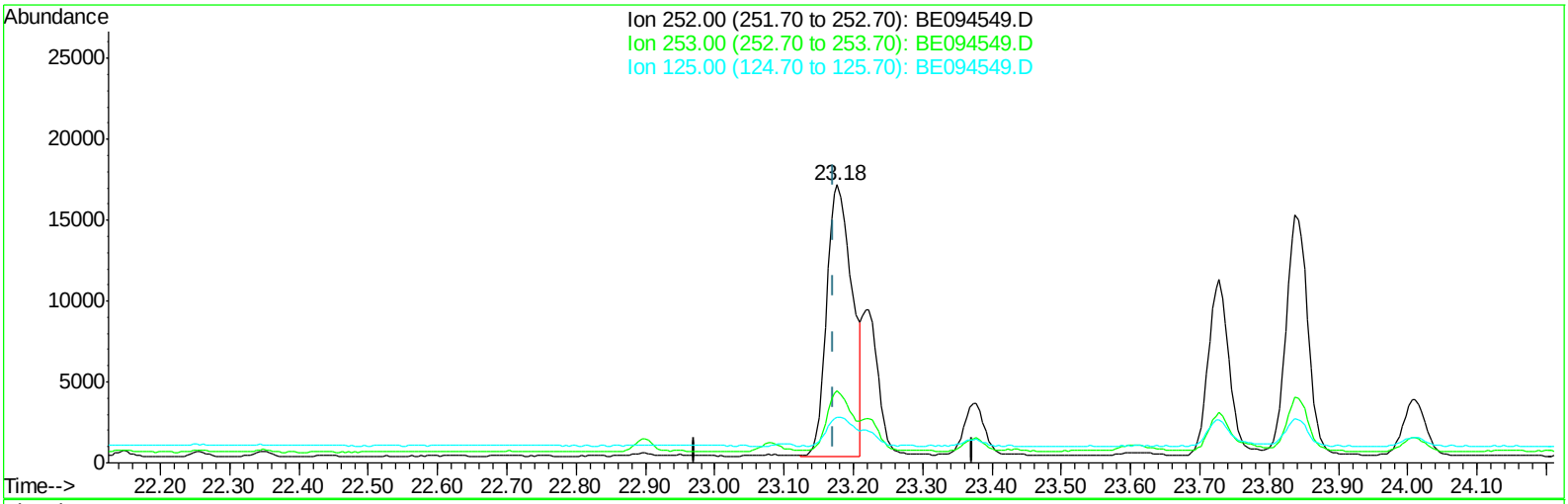
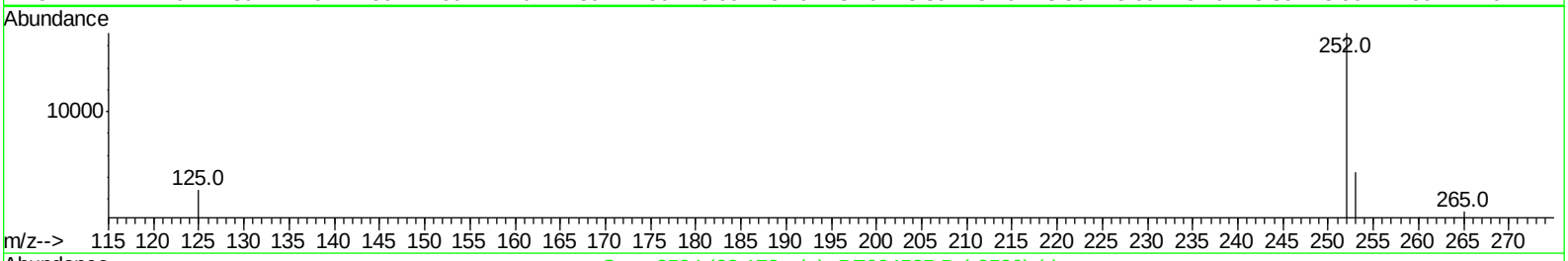
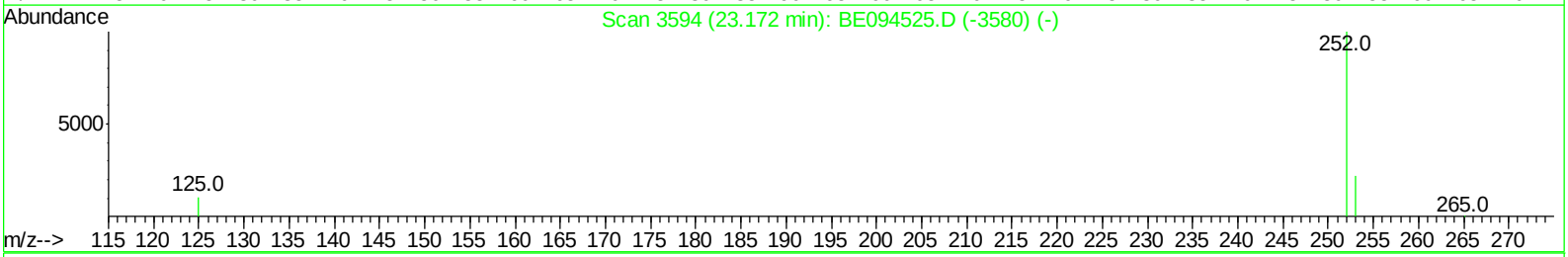
B-23(1-3)-100517

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:36 AM




TIC: BE094549.D

(21) Benzo(b)fluoranthene

23.177min (+0.005) 1.46ng/ul m

response 43387

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 32.10 | 25.92 |
| 125.00 | 17.50 | 16.29 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Misc :
ALS Vial : 25 Sample Multiplier: 1

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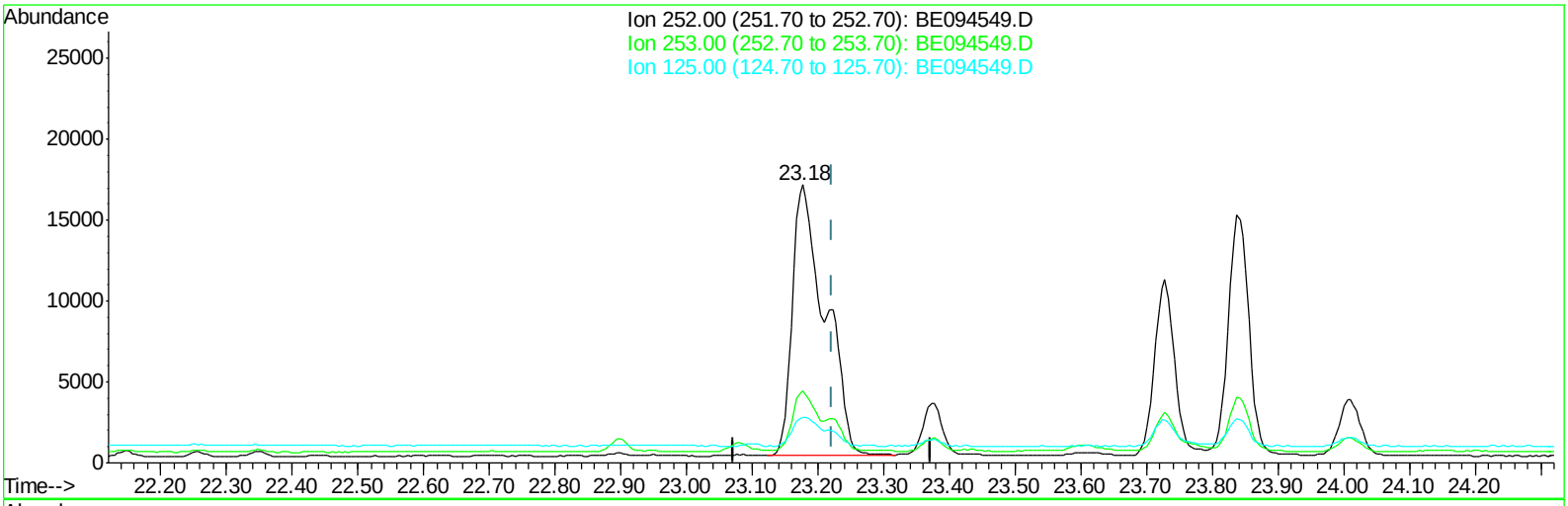
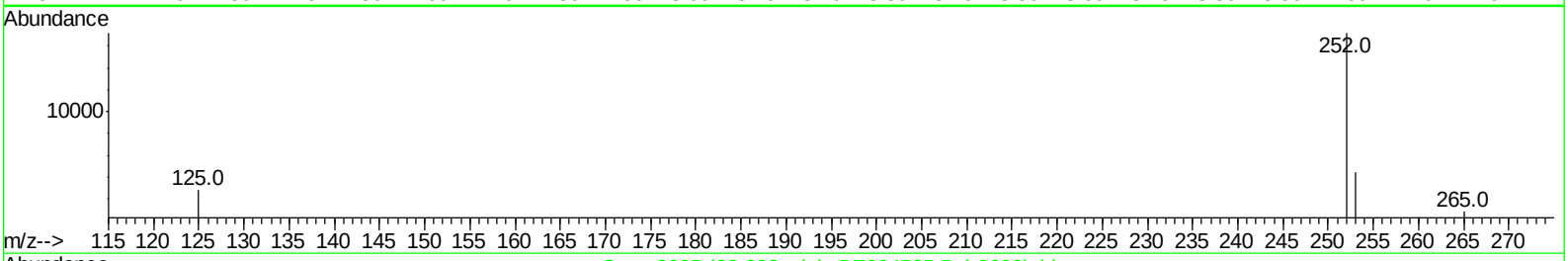
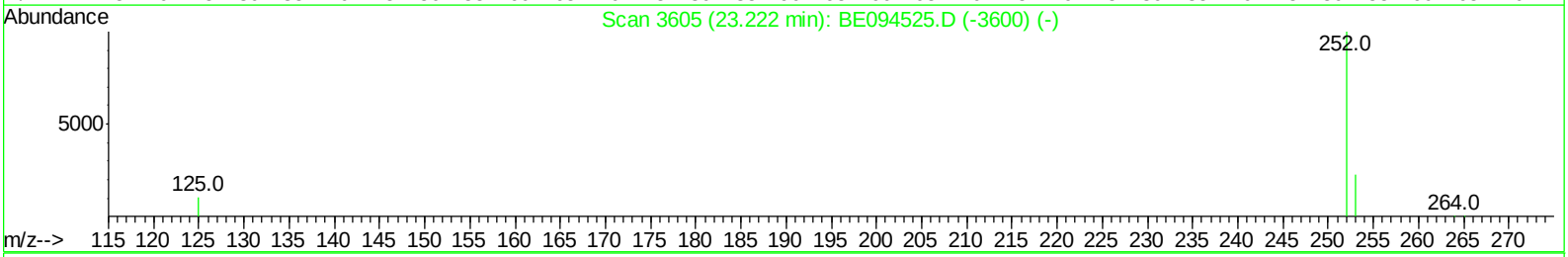
**Instrument :**
BNA_E
**ClientSampleId :**
B-23(1-3)-100517

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:36 AM




TIC: BE094549.D

(22) Benzo(k)fluoranthene

23.177min (-0.045) 1.82ng/ul

response 57958

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 25.92 |
| 125.00 | 17.10 | 16.29 |
| 0.00 | 0.00 | 0.00 |

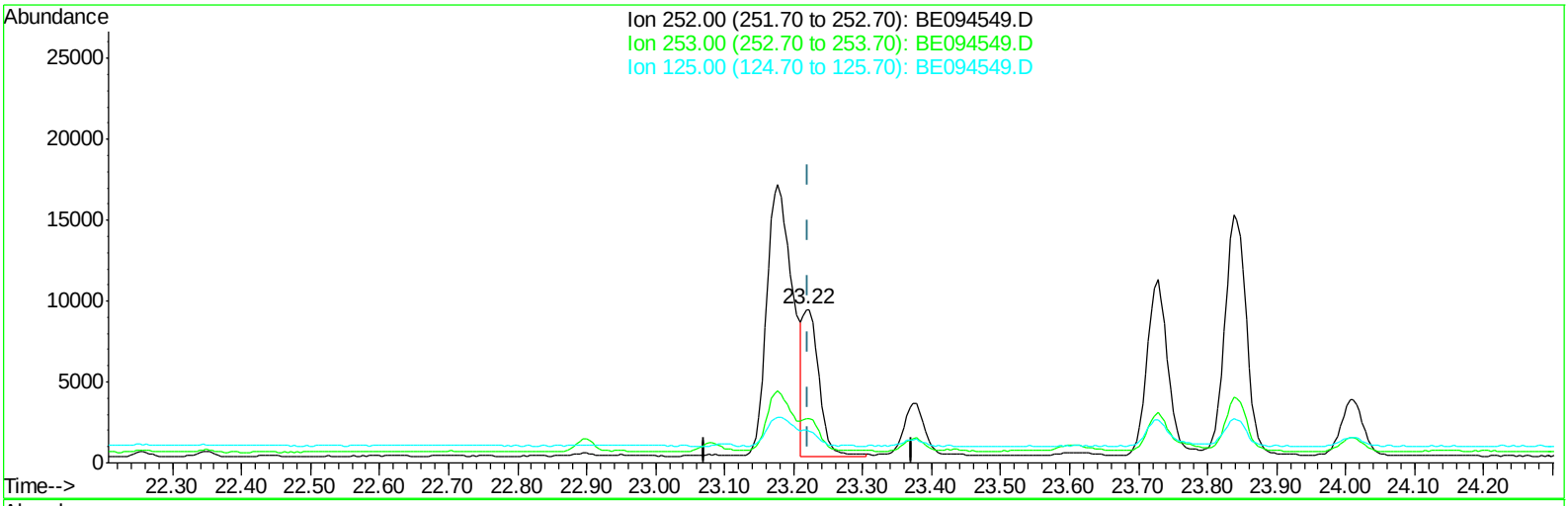
Quantitation Report (Qedit)

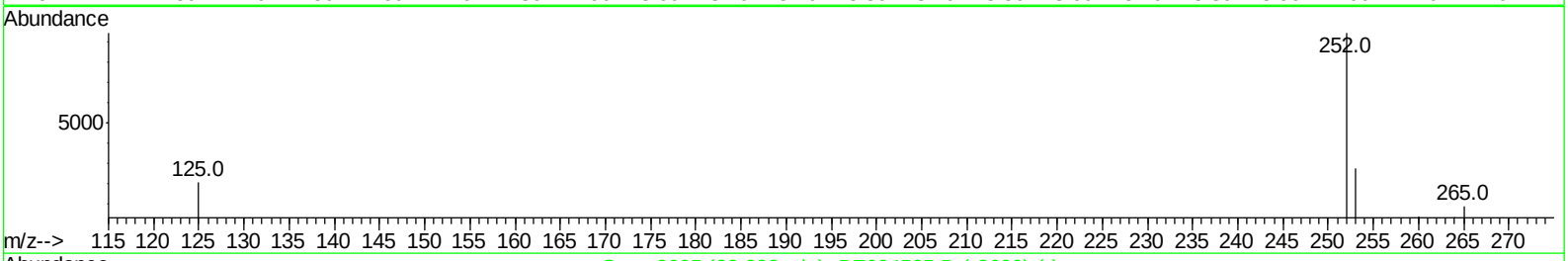
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094549.D
Acq On : 26 Oct 2017 1:00
Operator : SJ/JU
Sample : I5747-02 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

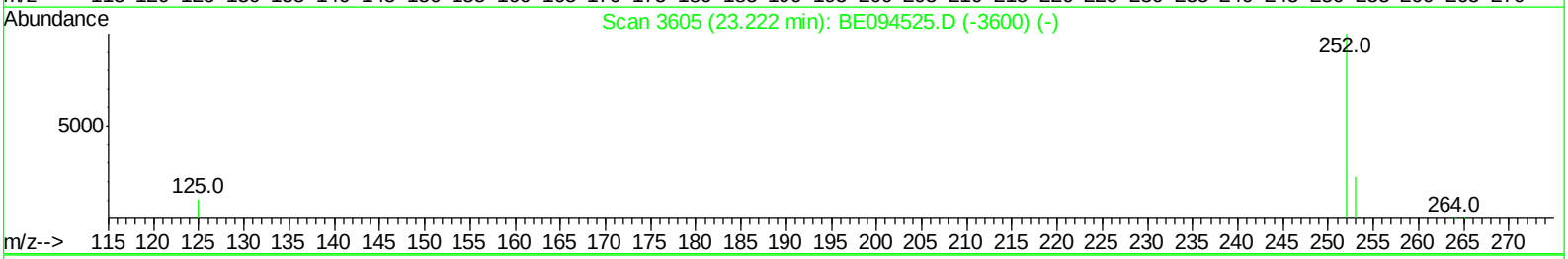
Quant Time: Oct 26 12:00:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
B-23(1-3)-100517

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:36 AM




TIC: BE094549.D

(22) Benzo(k)fluoranthene

23.218min (-0.004) 0.47ng/ul m

response 15118

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 28.96 |
| 125.00 | 17.10 | 21.56# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094549.D
Acq On : 26 Oct 2017 1:00
Operator : SJ/JU
Sample : I5747-02 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
B-23(1-3)-100517

**Manual Integrations APPROVED**
Sohil
10/27/2017 8:56:36 AM

Quant Time: Oct 26 13:22:01 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 | 7.91 | 152 | 1426 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.69 | 136 | 8270 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.51 | 164 | 4716 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.26 | 188 | 10620 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.42 | 240 | 10388 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.95 | 264 | 10562 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.28 | 152 | 874 | 0.07 | ng/ul | -0.02 |
| 14) Fluoranthene-d10 | 19.28 | 212 | 2184 | 0.07 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.74 | 128 | 1154 | 0.057 | ng/ul# | 86 |
| 5) 2-Methylnaphthalene | 12.35 | 142 | 456 | 0.032 | ng/ul | 99 |
| 7) Acenaphthylene | 14.24 | 152 | 2055 | 0.096 | ng/ul | 96 |
| 8) Acenaphthene | 14.57 | 153 | 396 | 0.026 | ng/ul# | 90 |
| 12) Phenanthrene | 17.29 | 178 | 19846 | 0.708 | ng/ul# | 91 |
| 13) Anthracene | 17.38 | 178 | 3542 | 0.128 | ng/ul# | 93 |
| 15) Fluoranthene | 19.31 | 202 | 43212 | 1.332 | ng/ul | 84 |
| 17) Pyrene | 19.67 | 202 | 49348 | 1.537 | ng/ul# | 82 |
| 18) Benzo(a)anthracene | 21.40 | 228 | 29158 | 0.982 | ng/ul# | 87 |
| 19) Chrysene | 21.46 | 228 | 29751 | 0.969 | ng/ul | 97 |
| 21) Benzo(b)fluoranthene | 23.18 | 252 | 43387m | 1.460 | ng/ul | |
| 22) Benzo(k)fluoranthene | 23.22 | 252 | 15118m | 0.475 | ng/ul | |
| 23) Benzo(a)pyrene | 23.84 | 252 | 32376 | 1.090 | ng/ul# | 87 |
| 24) Indeno(1,2,3-cd)pyrene | 26.65 | 276 | 22870 | 0.744 | ng/ul# | 75 |
| 25) Dibenzo(a,h)anthracene | 26.64 | 278 | 5641 | 0.218 | ng/ul# | 69 |
| 26) Benzo(g,h,i)perylene | 27.48 | 276 | 19285 | 0.782 | ng/ul | 93 |

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

Quantitation Report (QT Reviewed)

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Sohil
10/27/2017 8:56:36 AM