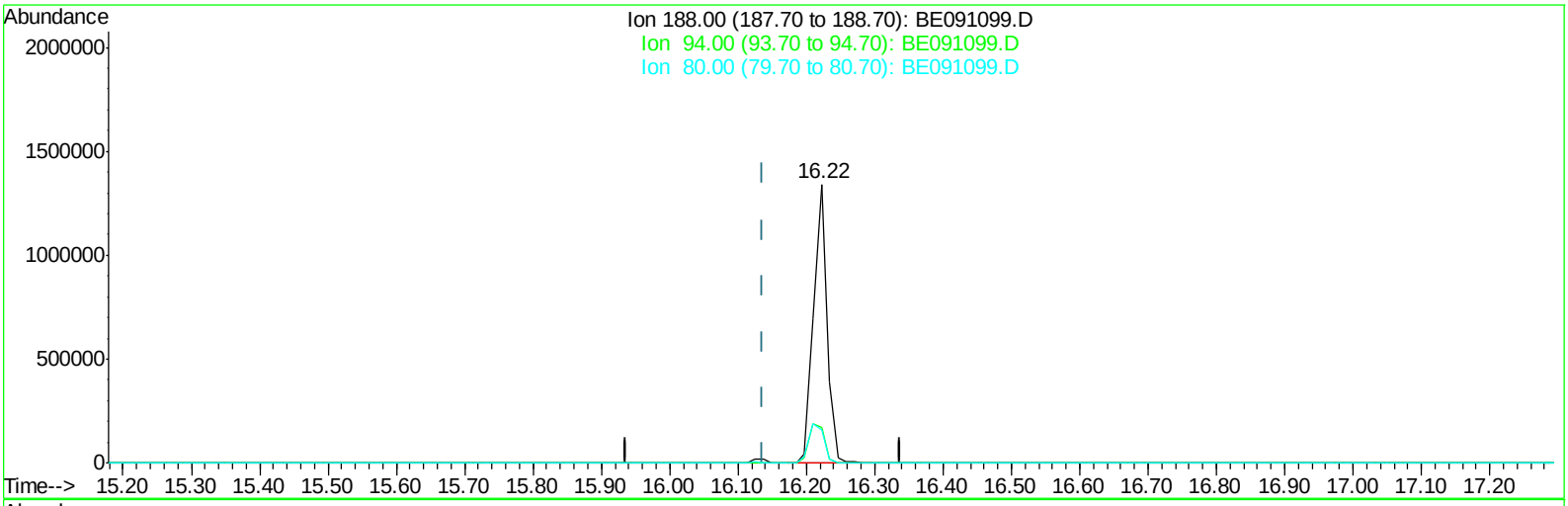
Quantitation Report (Qedit)

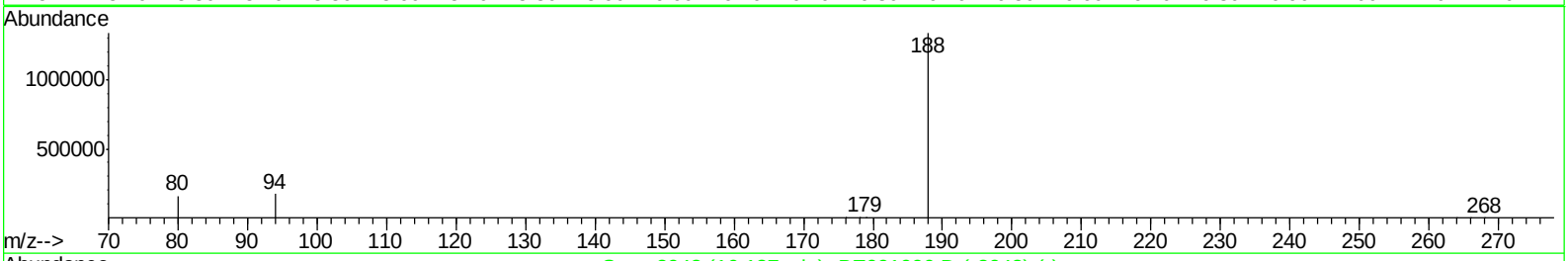
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111015\
Data File : BE091099.D
Acq On : 10 Nov 2015 17:43
Operator : UM/NP
Sample : G4308-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

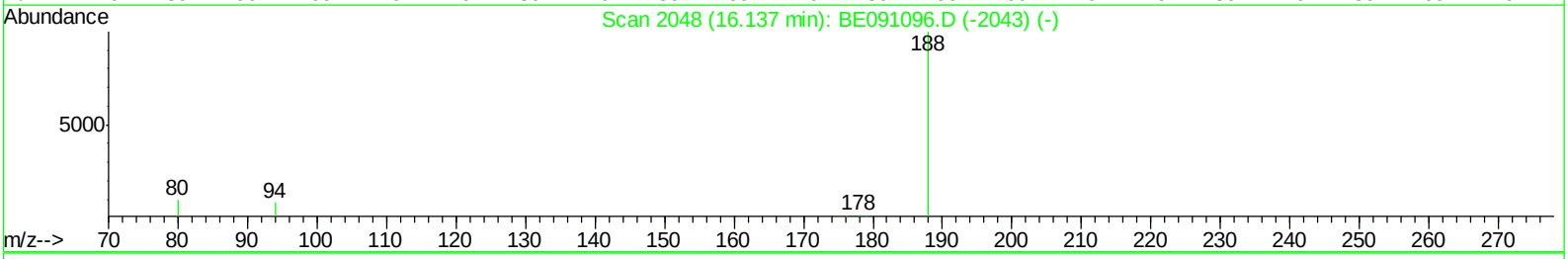
Quant Time: Nov 13 14:05:23 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
D9KR4

**Manual Integrations APPROVED**
Mmdadoda
11/13/2015 6:28:24 PM




TIC: BE091099.D

(12) Phenanthrene-d10 (I)

16.222min (+0.084) 0.40ng/ul

response 1820994

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 9.00 | 12.93# |
| 80.00 | 8.90 | 11.81# |
| 0.00 | 0.00 | 0.00 |

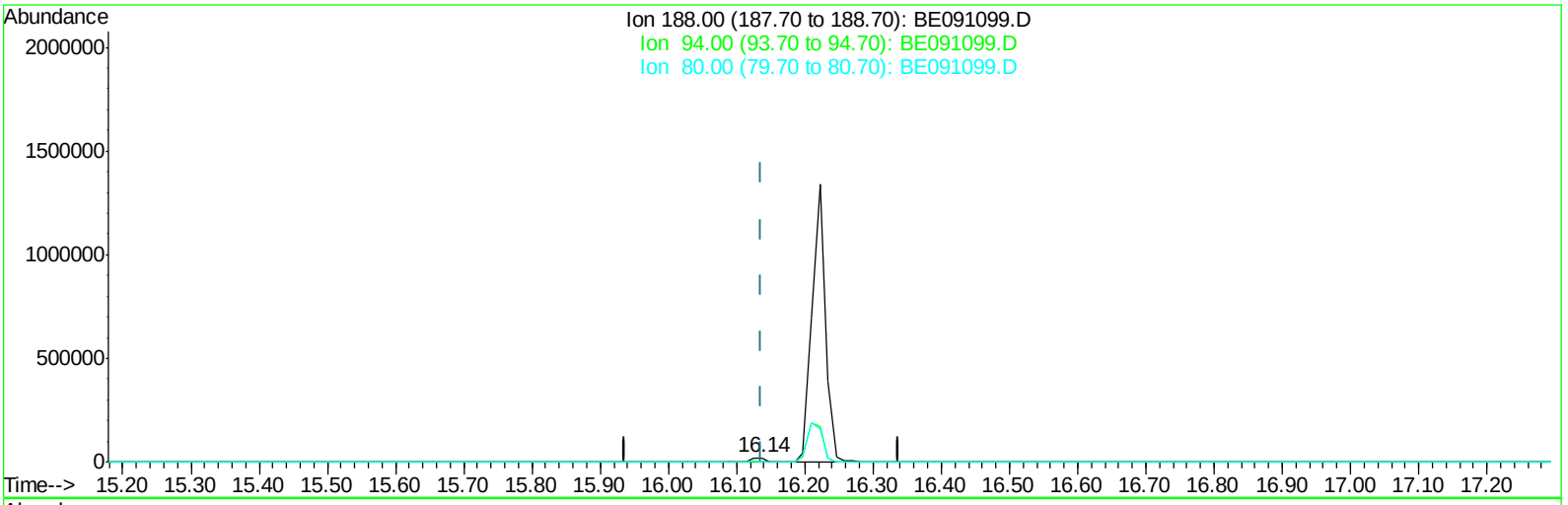
Quantitation Report (Qedit)

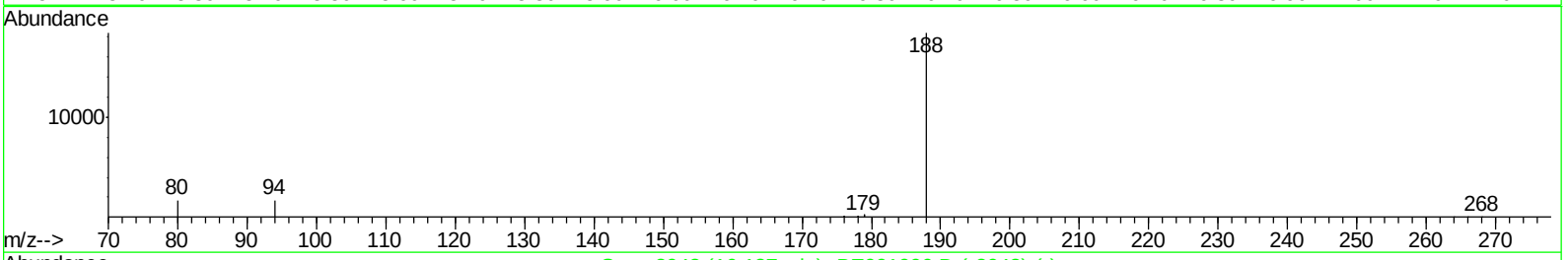
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111015\
Data File : BE091099.D
Acq On : 10 Nov 2015 17:43
Operator : UM/NP
Sample : G4308-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

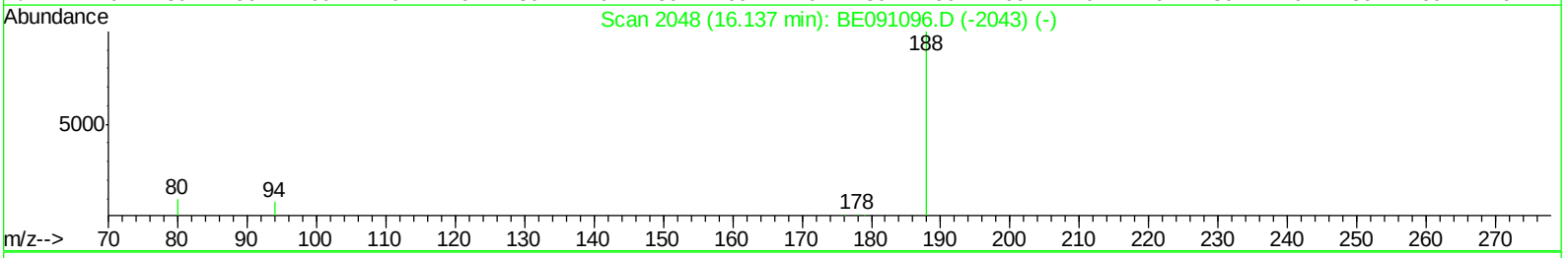
Quant Time: Nov 13 14:05:23 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
D9KR4

**Manual Integrations APPROVED**
Mmdadoda
11/13/2015 6:28:24 PM




TIC: BE091099.D

(12) Phenanthrene-d10 (I)

16.137min (-0.000) 0.40ng/ul m

response 28634

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 9.00 | 9.23 |
| 80.00 | 8.90 | 9.44 |
| 0.00 | 0.00 | 0.00 |

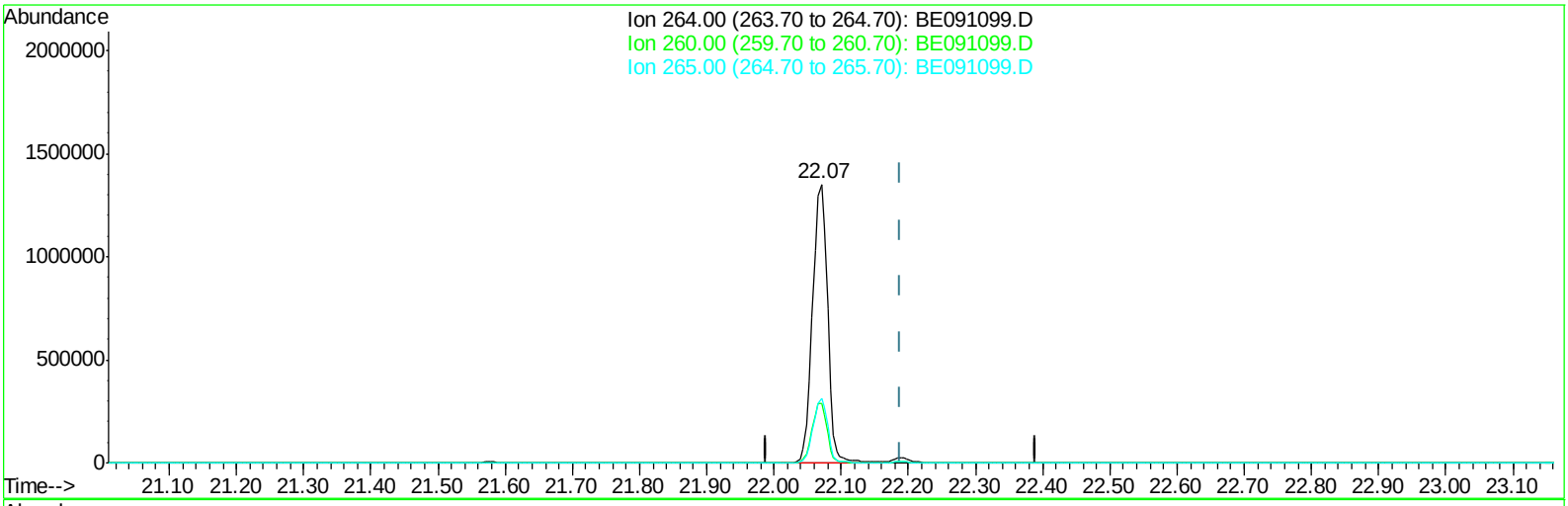
Quantitation Report (Qedit)

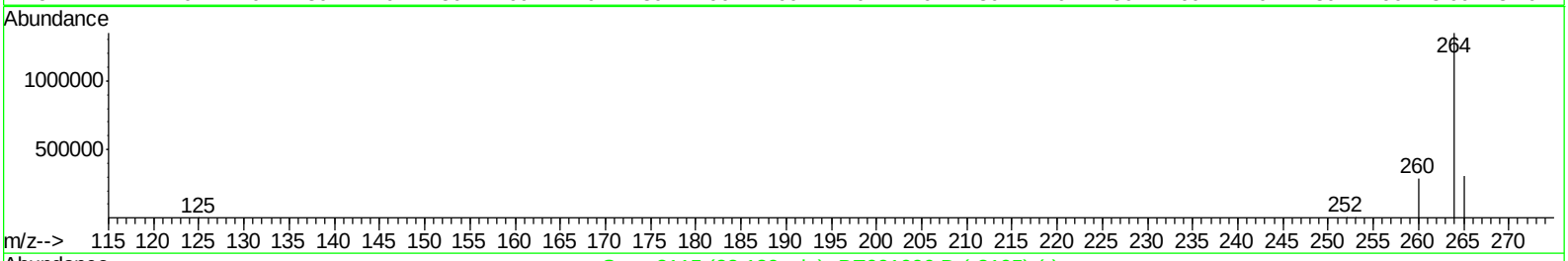
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111015\
Data File : BE091099.D
Acq On : 10 Nov 2015 17:43
Operator : UM/NP
Sample : G4308-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

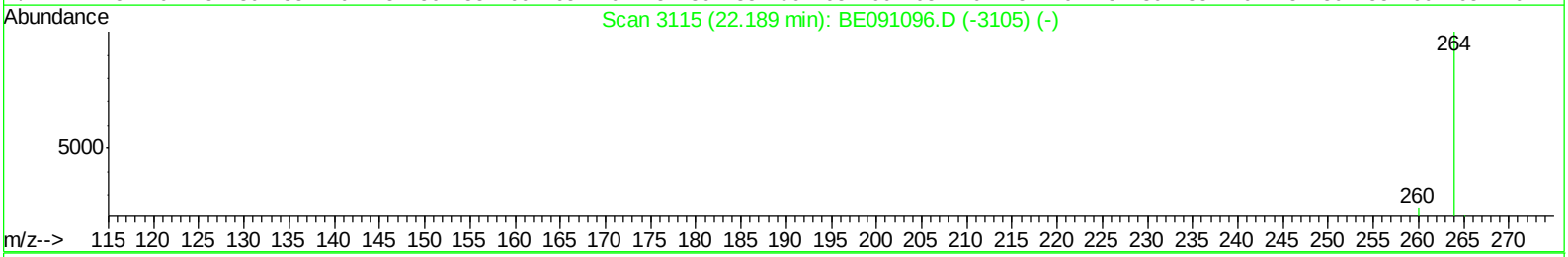
Quant Time: Nov 13 14:21:28 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
D9KR4

**Manual Integrations APPROVED**
Mmdadoda
11/13/2015 6:28:24 PM




TIC: BE091099.D

(22) Perylene-d12 (I)

22.071min (-0.119) 0.40ng/ul

response 2092834

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 28.90 | 21.26# |
| 265.00 | 34.70 | 22.98# |
| 0.00 | 0.00 | 0.00 |

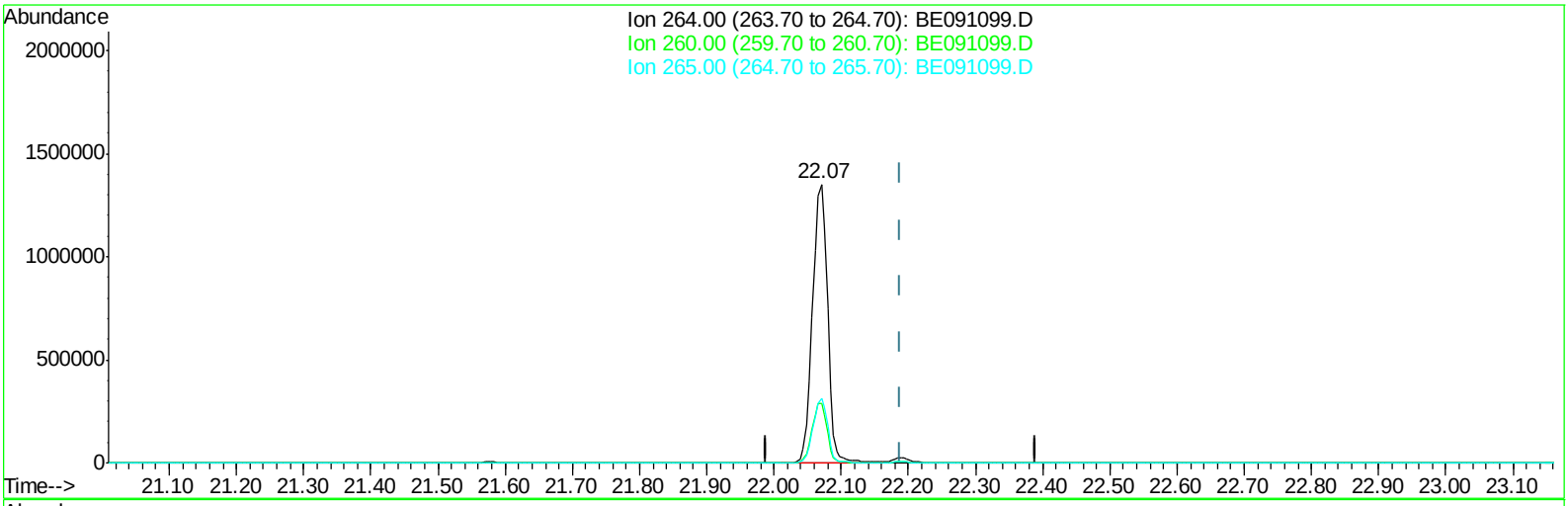
Quantitation Report (Qedit)

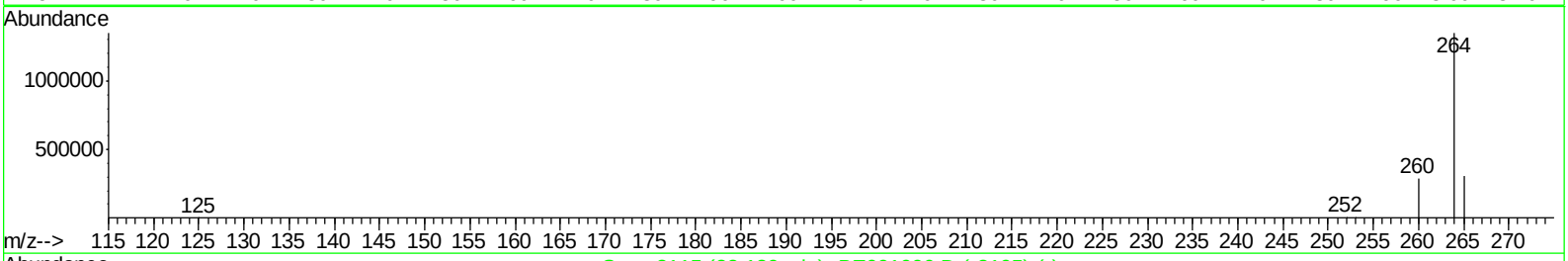
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111015\
Data File : BE091099.D
Acq On : 10 Nov 2015 17:43
Operator : UM/NP
Sample : G4308-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

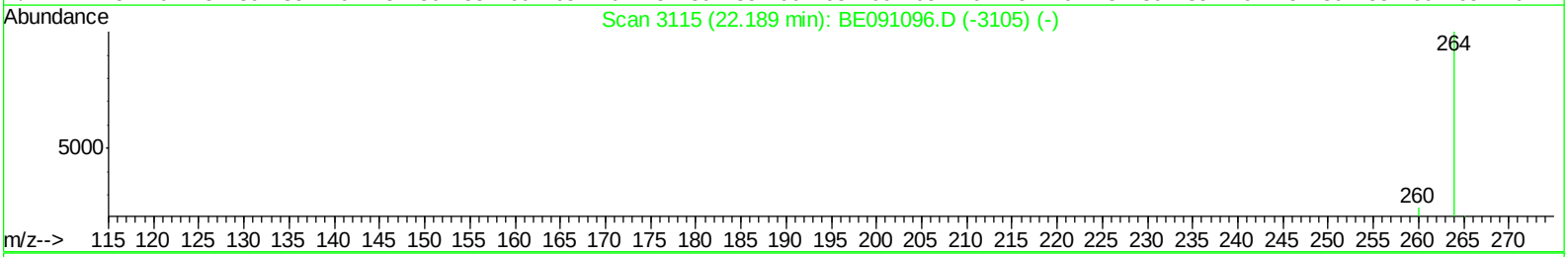
Quant Time: Nov 13 14:21:28 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
D9KR4

**Manual Integrations APPROVED**
Mmdadoda
11/13/2015 6:28:24 PM




TIC: BE091099.D

(22) Perylene-d12 (I)

22.071min (-0.119) 0.40ng/ul

response 2092834

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 28.90 | 21.26# |
| 265.00 | 34.70 | 22.98# |
| 0.00 | 0.00 | 0.00 |

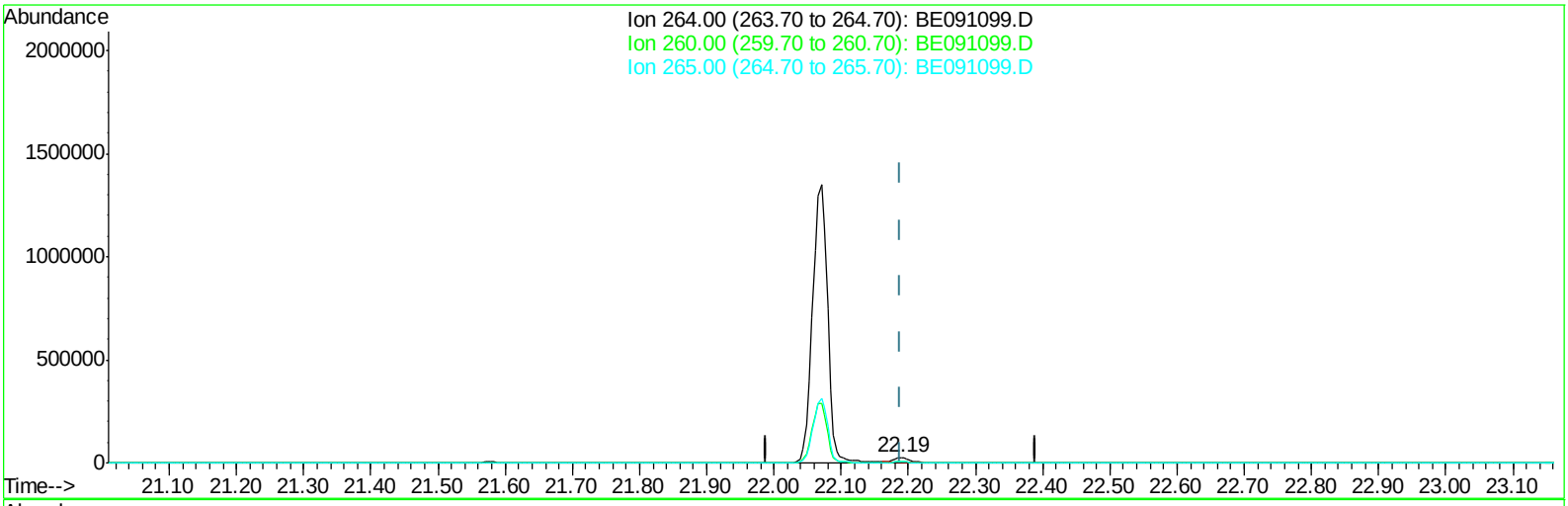
Quantitation Report (Qedit)

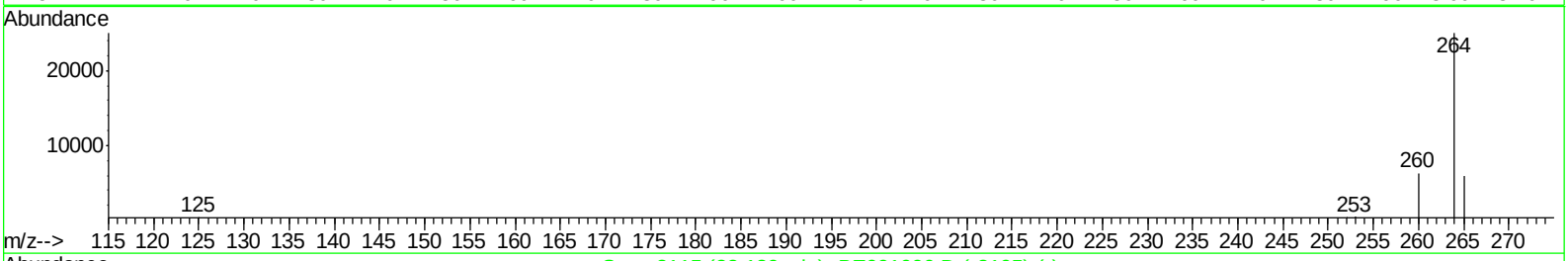
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111015\
Data File : BE091099.D
Acq On : 10 Nov 2015 17:43
Operator : UM/NP
Sample : G4308-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

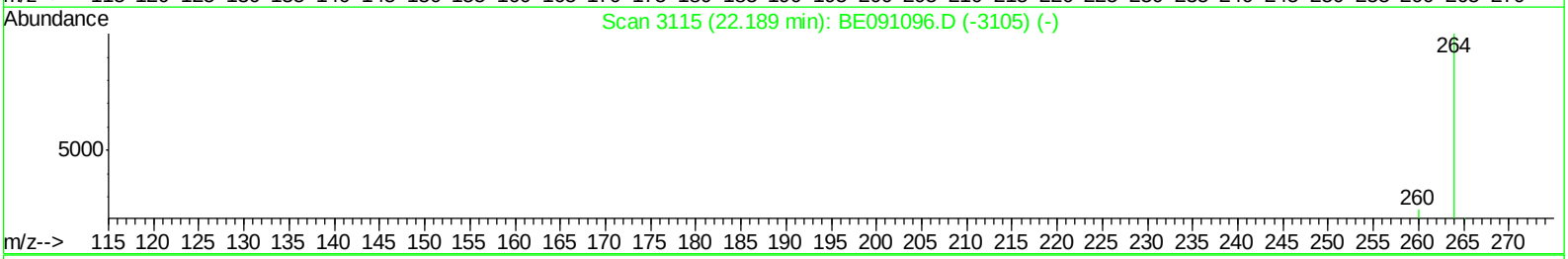
Quant Time: Nov 13 14:21:28 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
D9KR4

**Manual Integrations APPROVED**
Mmdadoda
11/13/2015 6:28:24 PM




TIC: BE091099.D

(22) Perylene-d12 (I)

22.189min (-0.000) 0.40ng/ul m

response 31200

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 28.90 | 25.07 |
| 265.00 | 34.70 | 23.54# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111015\
Data File : BE091099.D
Acq On : 10 Nov 2015 17:43
Operator : UM/NP
Sample : G4308-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
D9KR4

**Manual Integrations APPROVED**
Mmdadoda
11/13/2015 6:28:24 PM

Quant Time: Nov 13 14:23:40 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 3529 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 9.57 | 136 | 20437 | 0.40 | ng/ul | 0.00 |
| 8) Acenaphthene-d10 | 13.40 | 164 | 12234 | 0.40 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 16.14 | 188 | 28634m | 0.40 | ng/ul | 0.00 |
| 18) Chrysene-d12 | 20.29 | 240 | 35312 | 0.40 | ng/ul | 0.00 |
| 22) Perylene-d12 | 22.19 | 264 | 31200m | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 2.95 | 96 | 5939 | 2.34 | ng/uL | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.08 | 152 | 8037 | 0.29 | ng/ul | 0.00 |
| 16) Fluoranthene-d10 | 18.12 | 212 | 23116 | 0.29 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 5) Naphthalene | 9.61 | 128 | 2356 | 0.05 | ng/ul# | 88 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111015\
Data File : BE091099.D
Acq On : 10 Nov 2015 17:43
Operator : UM/NP
Sample : G4308-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 14:23:40 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
D9KR4

**Manual Integrations APPROVED**
Mmdadoda
11/13/2015 6:28:24 PM