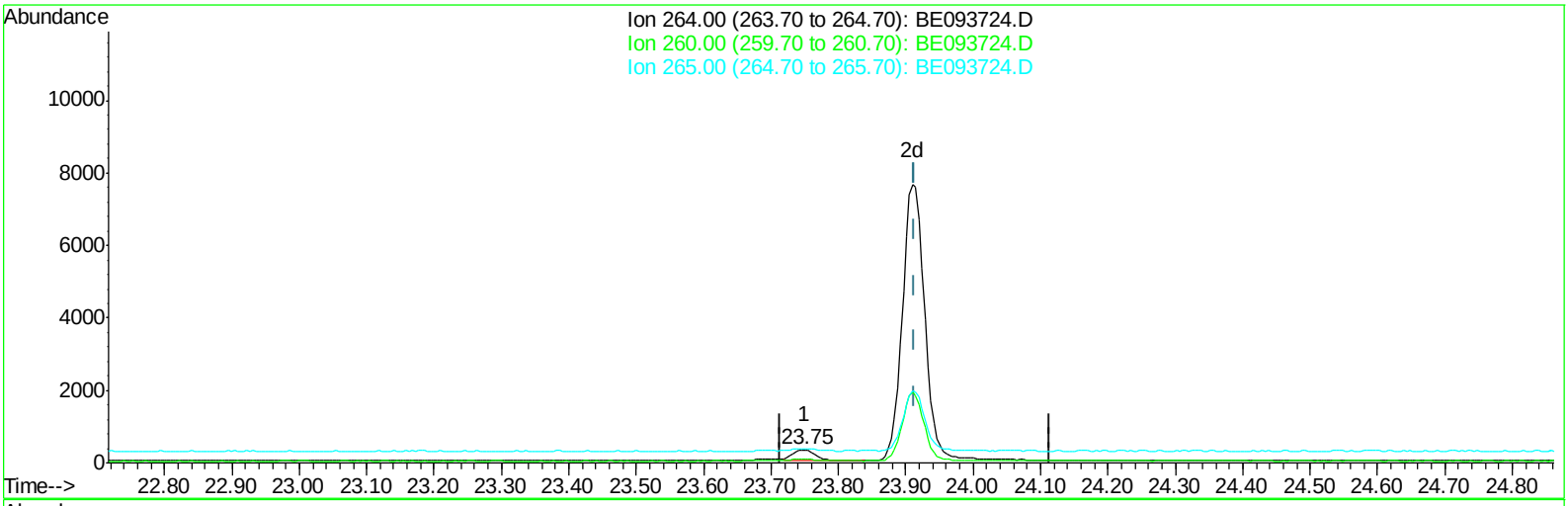
Quantitation Report (Qedit)

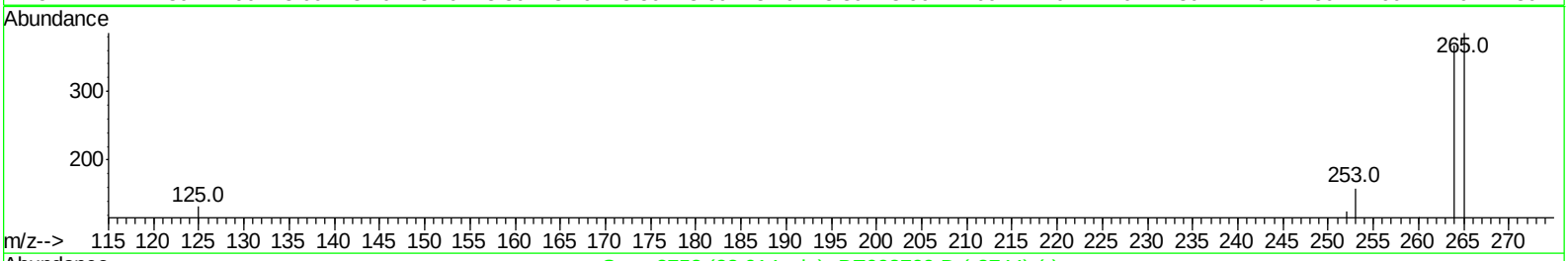
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

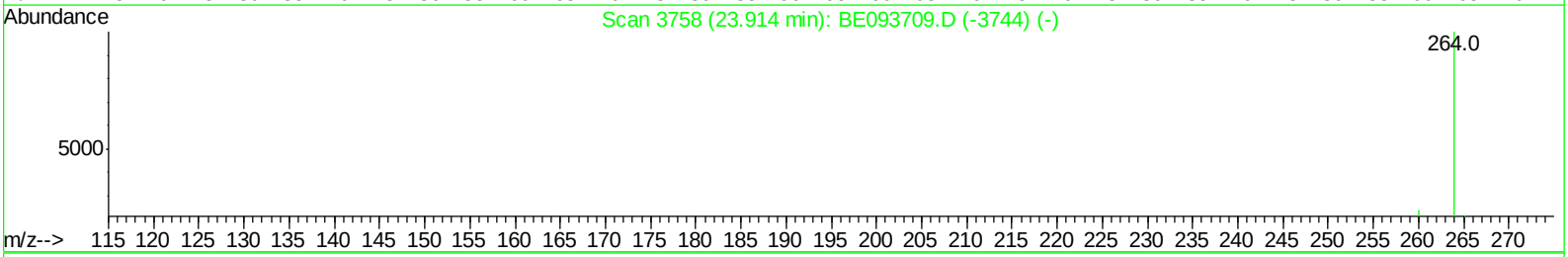
Quant Time: Aug 09 04:22:48 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(20) Perylene-d12 (I)

23.751min (-0.163) 0.40ng/ul

response 709

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	31.61
265.00	103.50	104.90
0.00	0.00	0.00

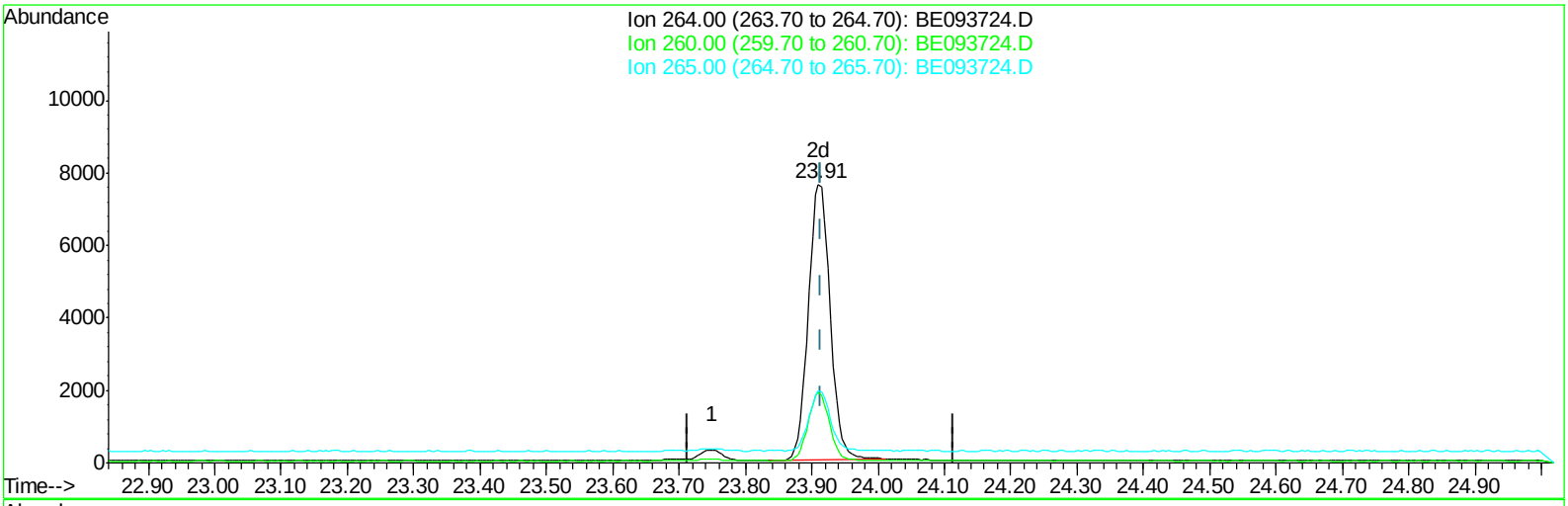
Quantitation Report (Qedit)

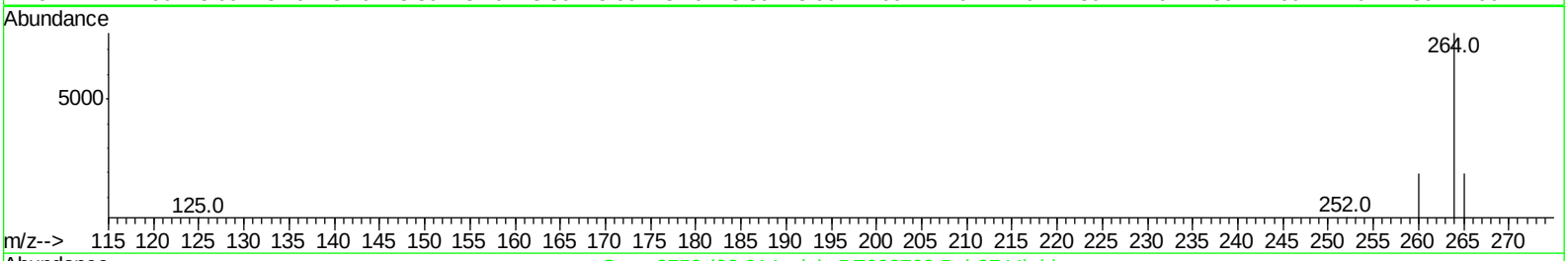
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

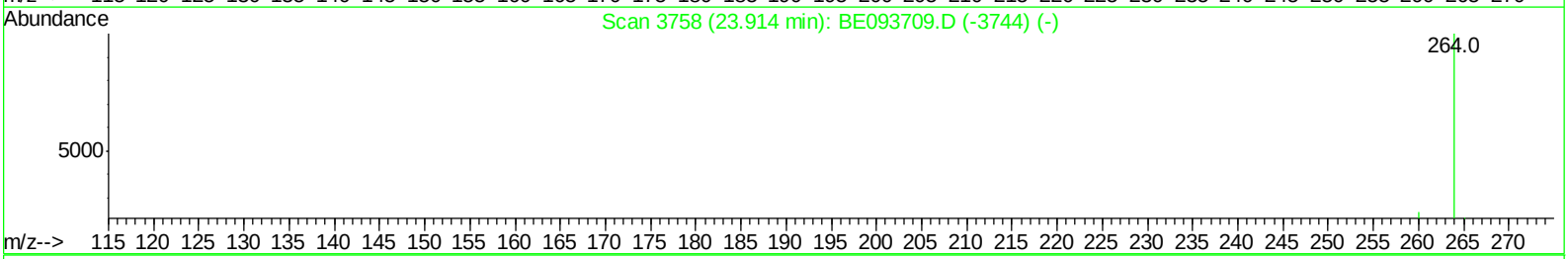
Quant Time: Aug 09 04:22:48 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(20) Perylene-d12 (I)

23.910min (-0.004) 0.40ng/ul m

response 17355

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.34
265.00	103.50	25.82#
0.00	0.00	0.00

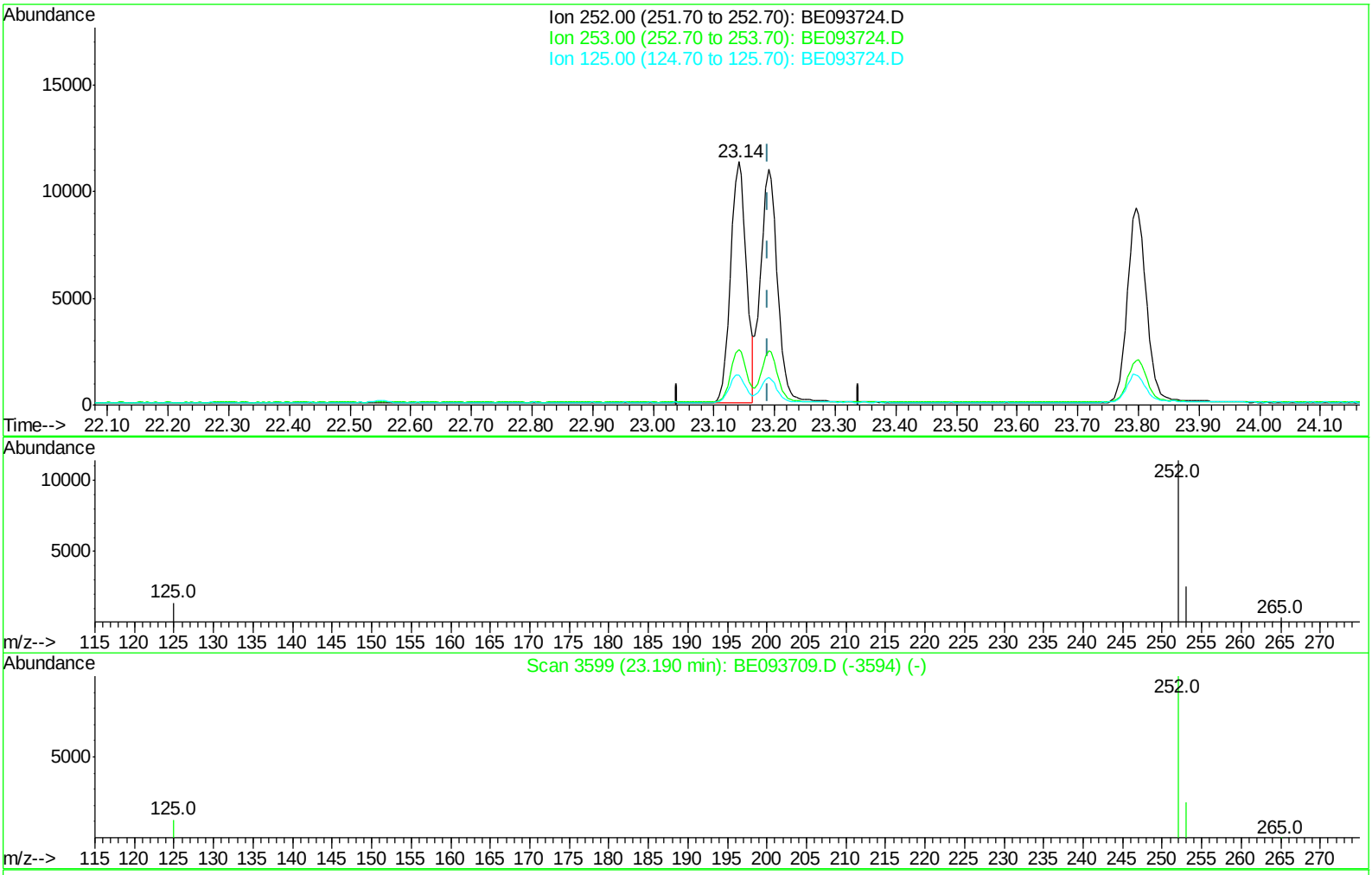
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM



TIC: BE093724.D

(22) Benzo(k)fluoranthene

23.140min (-0.049) 0.39ng/ul

response 20670

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.53#
125.00	17.10	12.39#
0.00	0.00	0.00

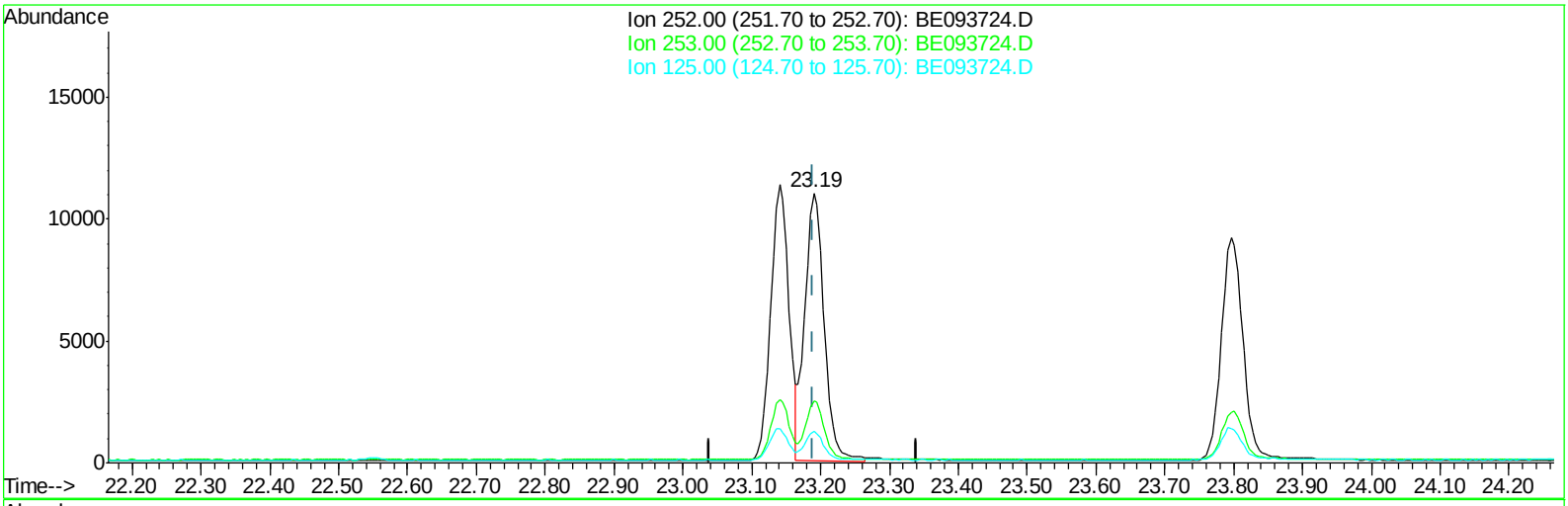
Quantitation Report (Qedit)

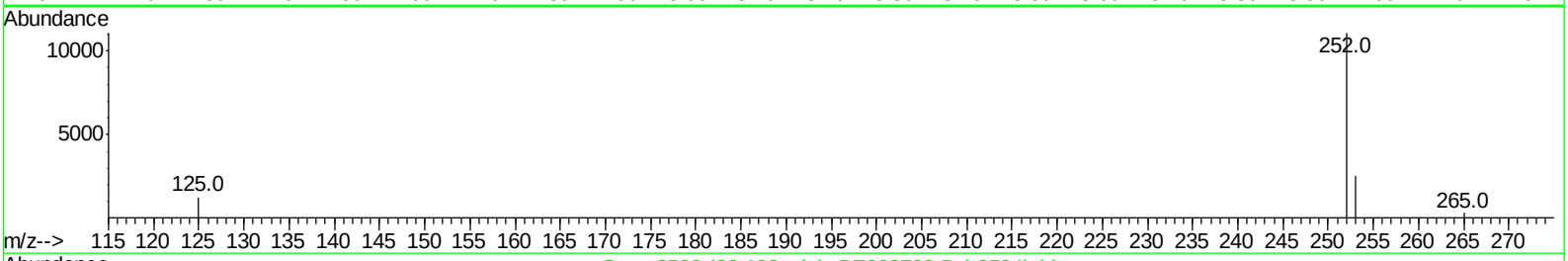
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

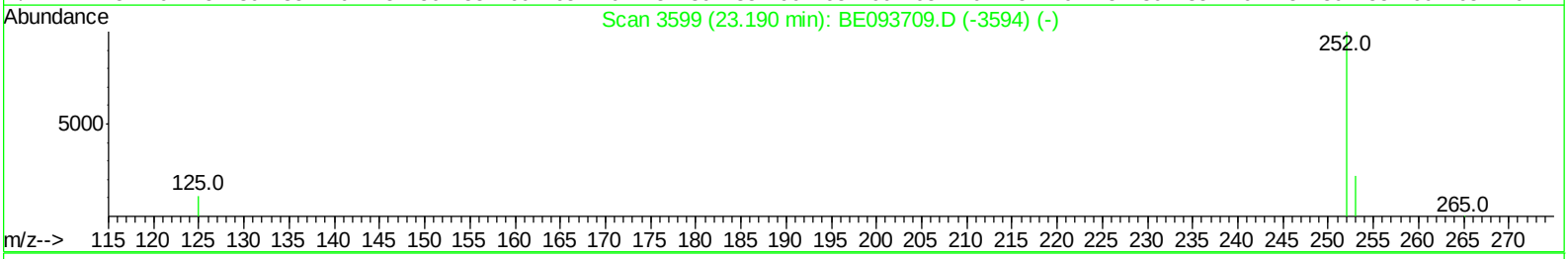
Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(22) Benzo(k)fluoranthene

23.191min (+0.001) 0.41ng/ul m

response 21475

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.02#
125.00	17.10	11.61#
0.00	0.00	0.00

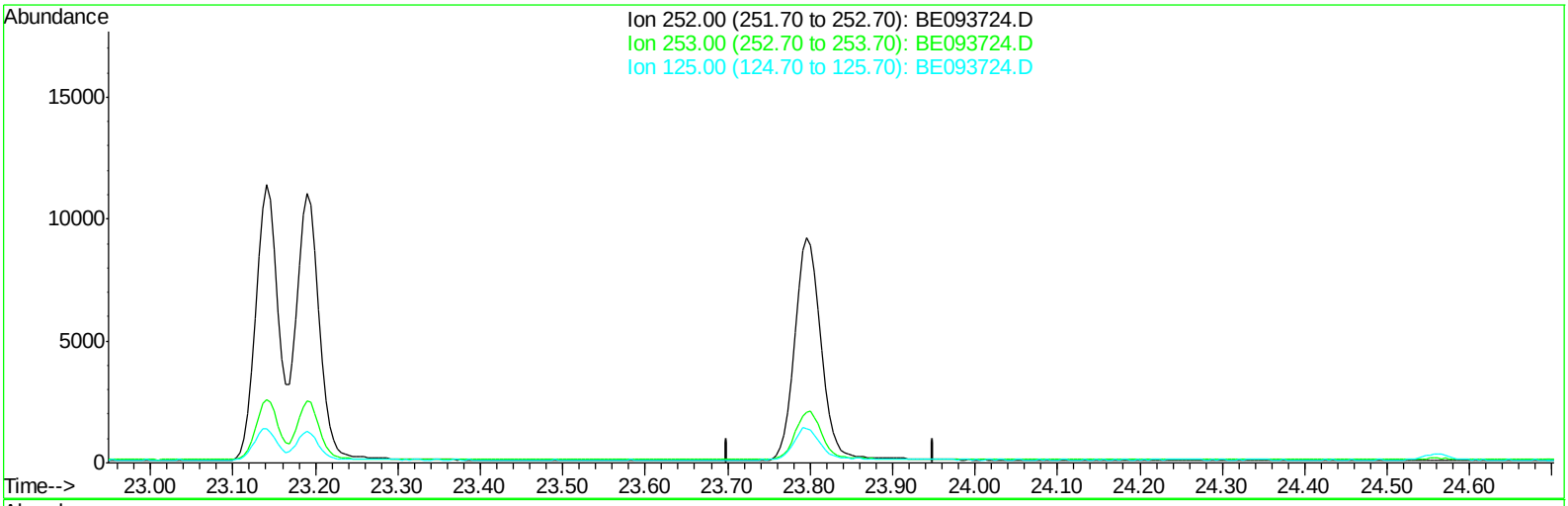
Quantitation Report (Qedit)

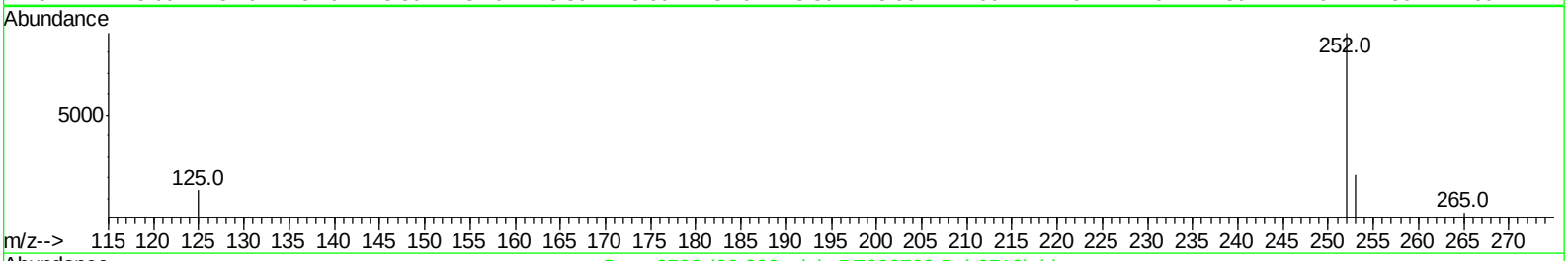
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

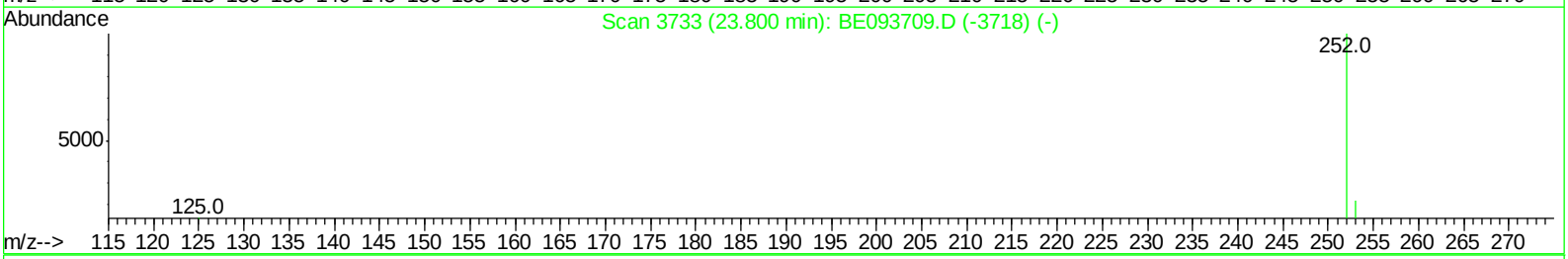
Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(23) Benzo(a)pyrene (C)

23.800min (-23.800) 0.00ng/ul

response 0

Ion	Exp%	Act%
252.00	100	0.00
253.00	35.60	0.00#
125.00	22.60	0.00#
0.00	0.00	0.00

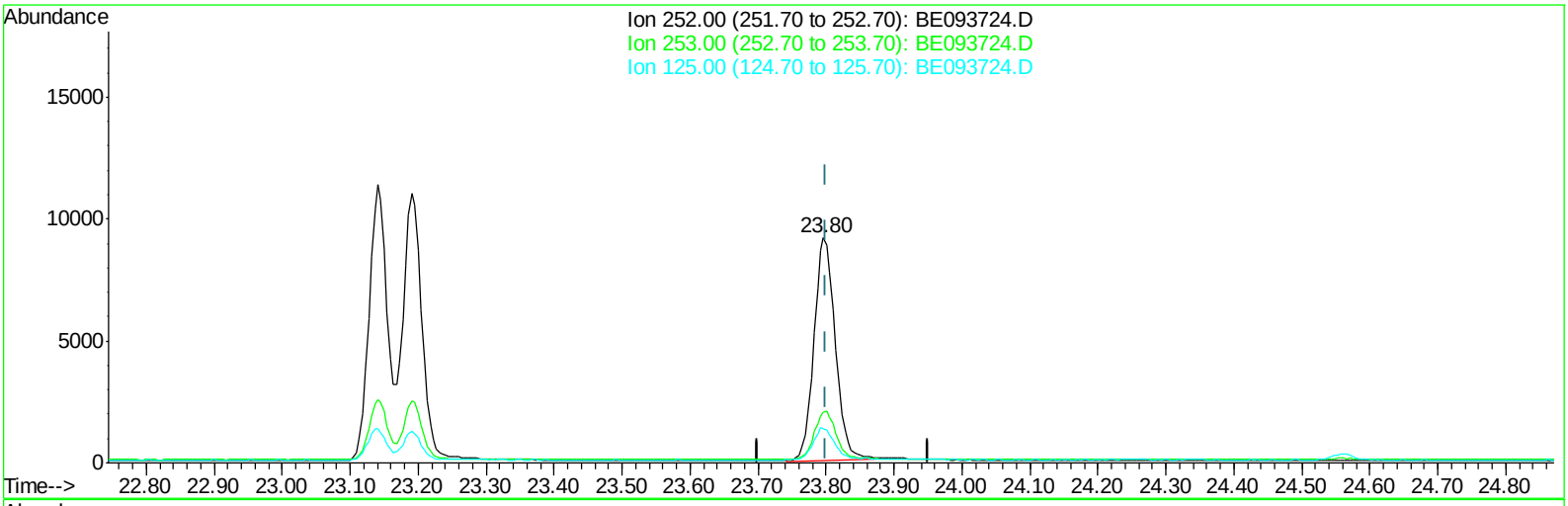
Quantitation Report (Qedit)

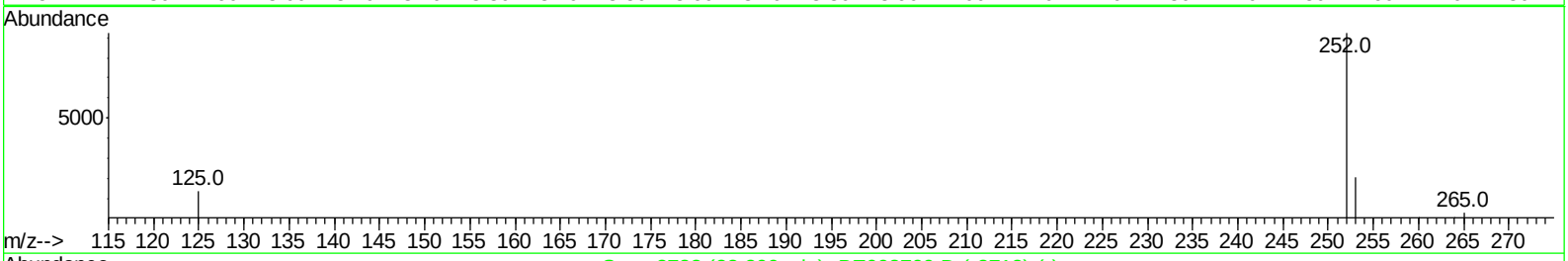
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

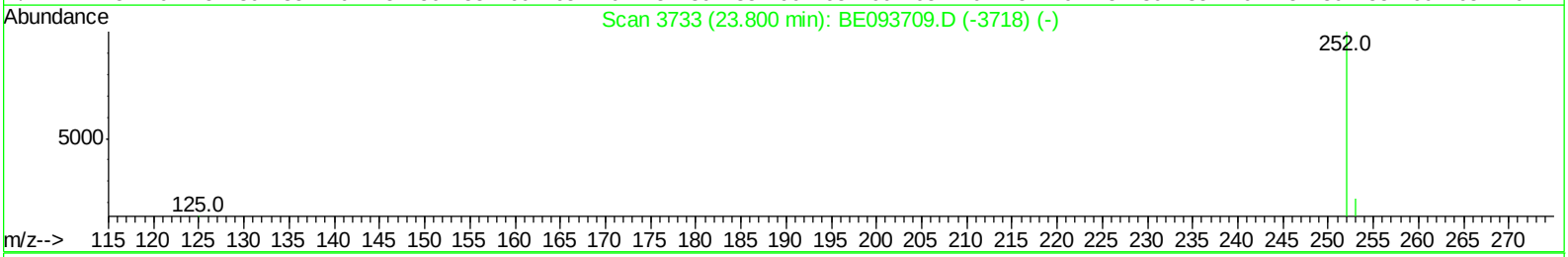
Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(23) Benzo(a)pyrene (C)

23.796min (-0.004) 0.39ng/ul m

response 19859

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.72#
125.00	22.60	15.28#
0.00	0.00	0.00

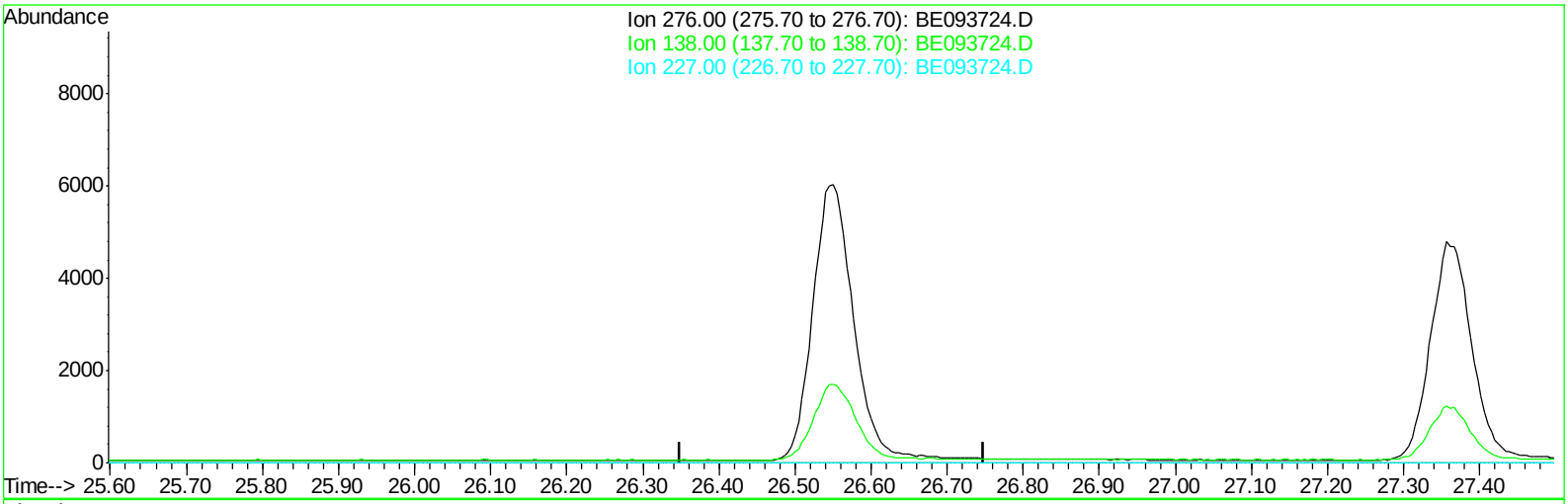
Quantitation Report (Qedit)

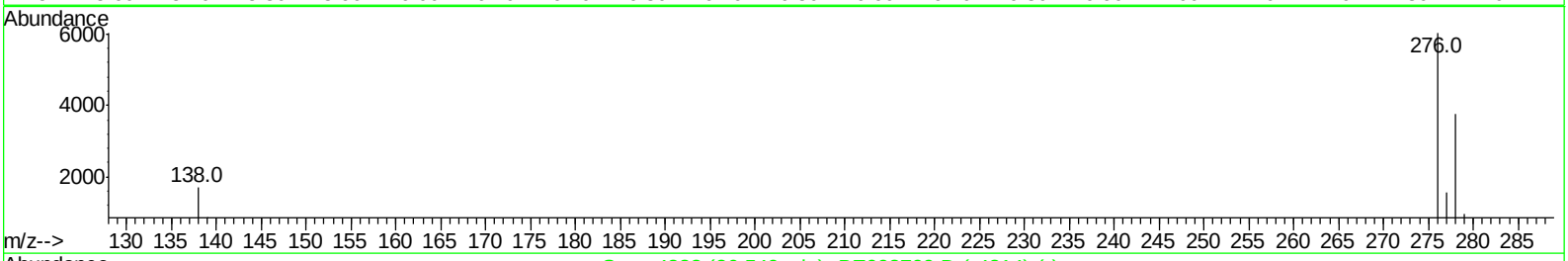
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

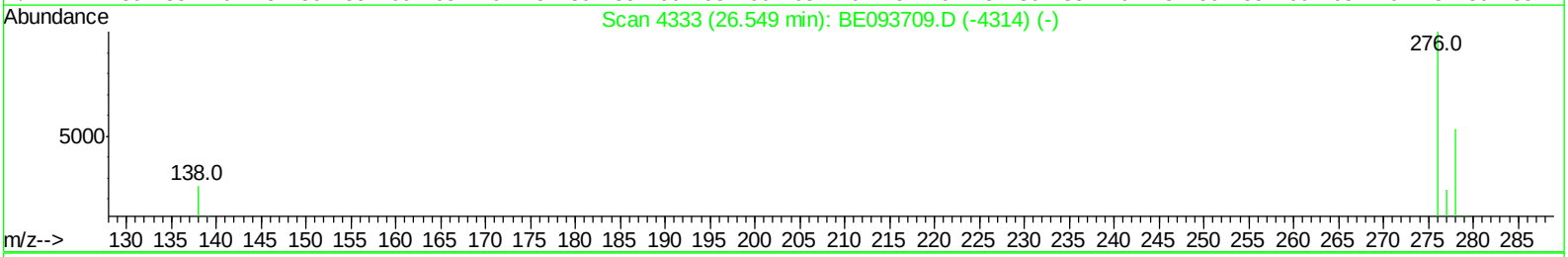
Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(24) Indeno(1,2,3-cd)pyrene

26.549min (-26.549) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	35.00	0.00#
227.00	10.00	0.00#
0.00	0.00	0.00

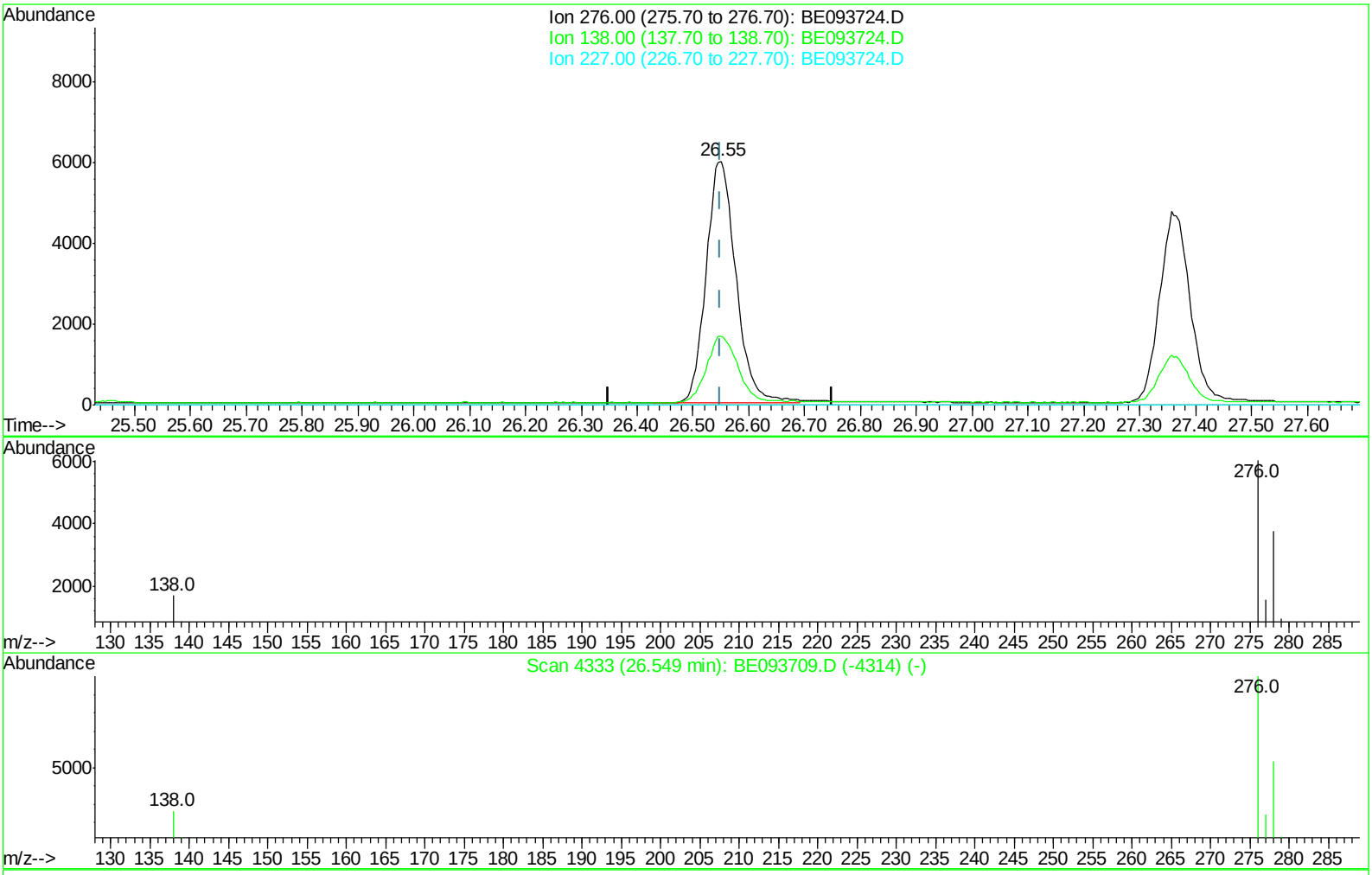
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM



TIC: BE093724.D

(24) Indeno(1,2,3-cd)pyrene

26.550min (+0.001) 0.39ng/ul m

response 22110

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.00#
227.00	10.00	0.00#
0.00	0.00	0.00

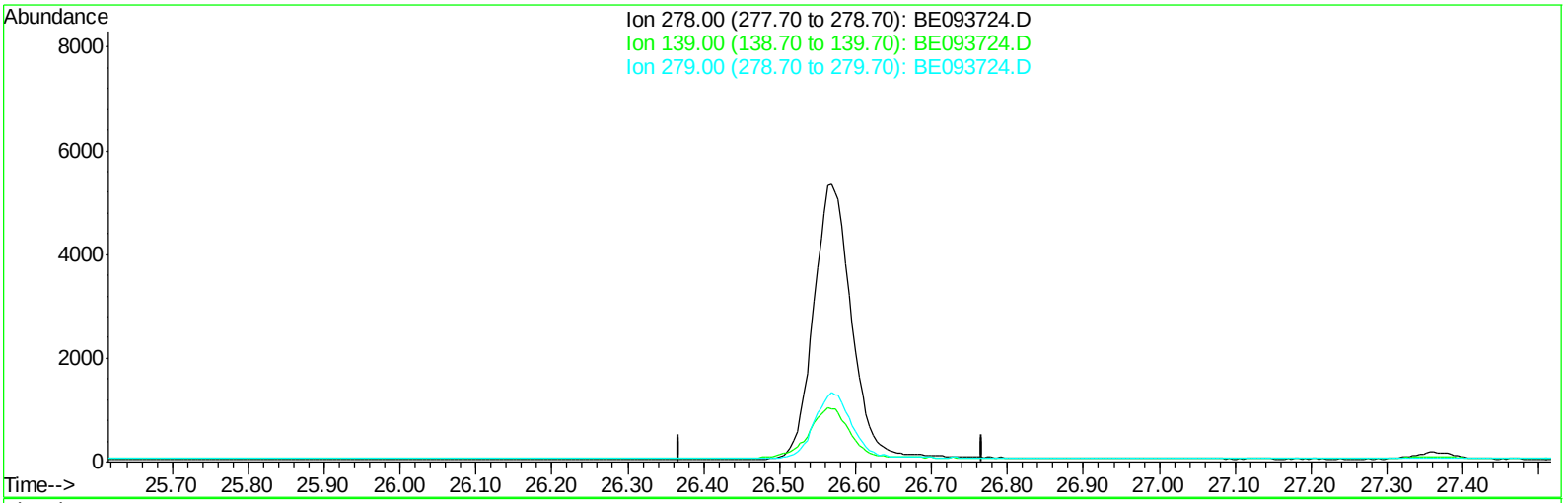
Quantitation Report (Qedit)

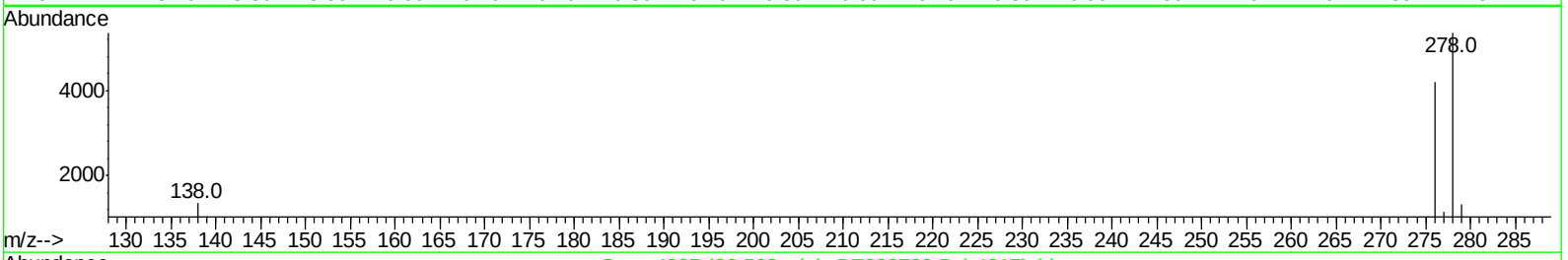
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

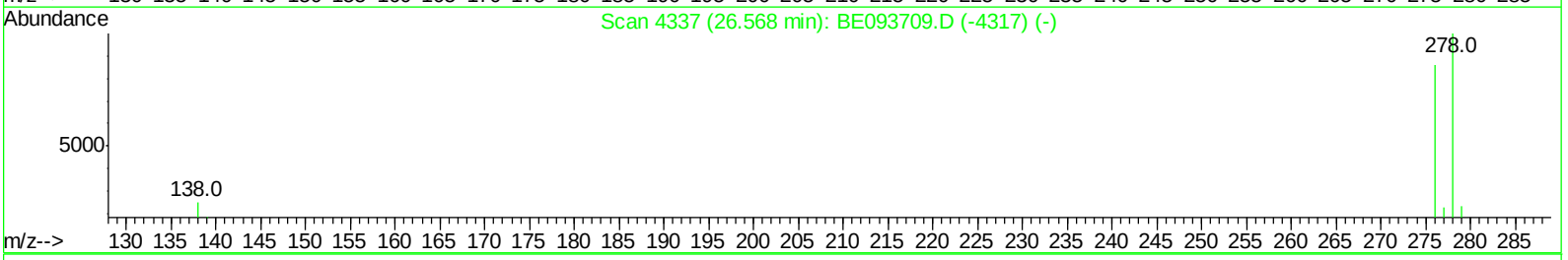
Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(25) Dibenzo(a,h)anthracene

26.568min (-26.568) 0.00ng/ul

response 0

Ion	Exp%	Act%
278.00	100	0.00
139.00	21.70	0.00#
279.00	32.40	0.00#
0.00	0.00	0.00

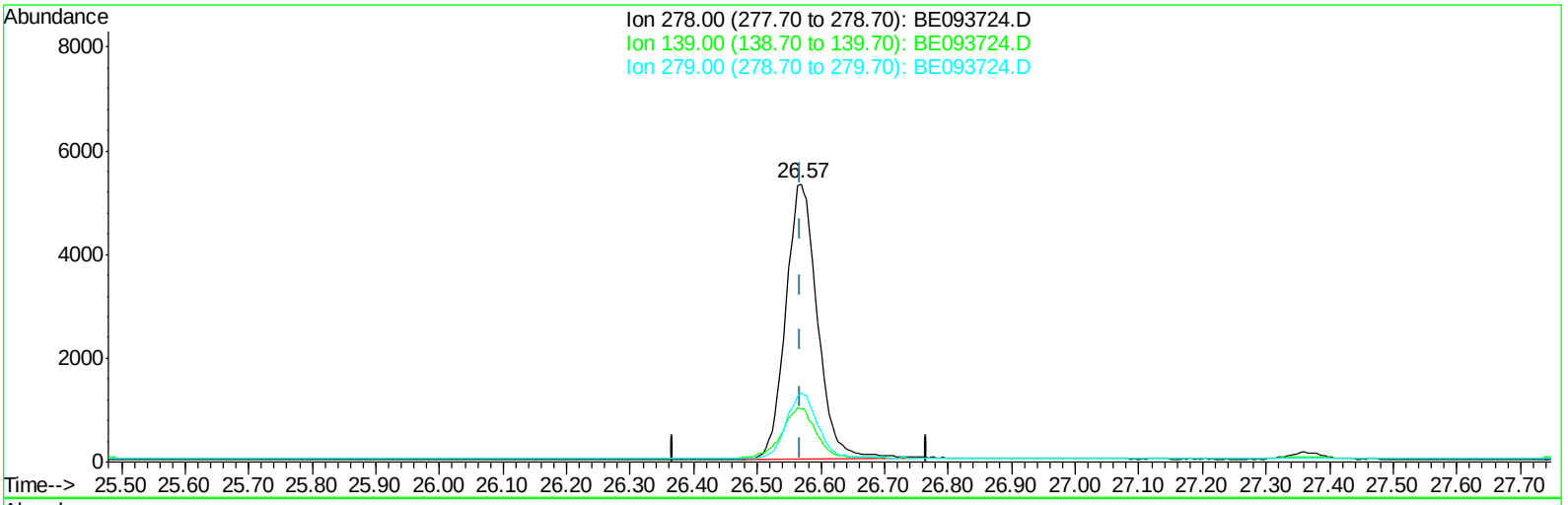
Quantitation Report (Qedit)

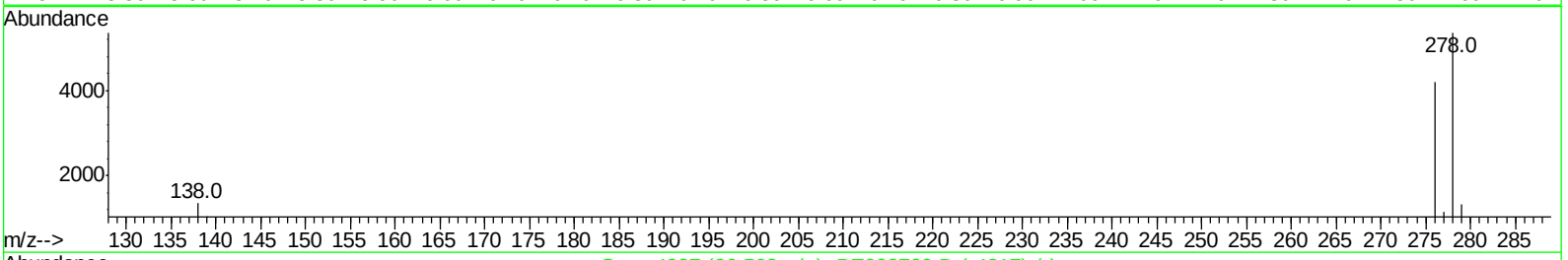
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

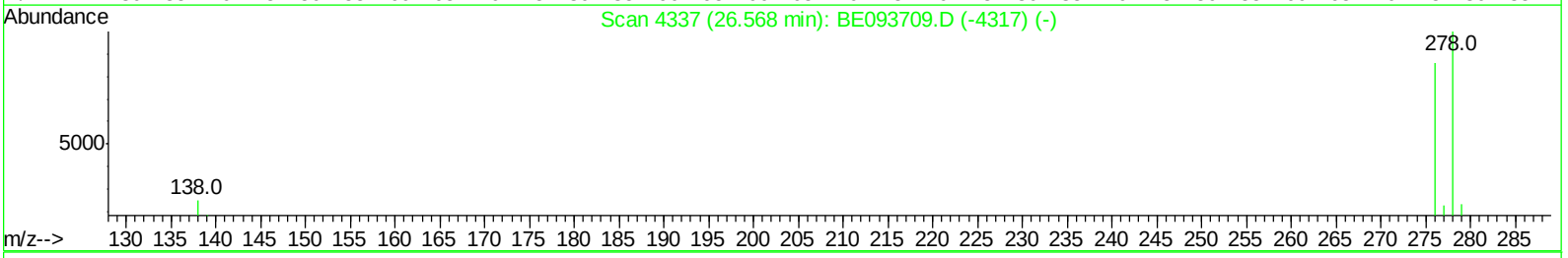
Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(25) Dibenzo(a,h)anthracene

26.568min (+0.001) 0.39ng/ul m

response 18371

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	19.28
279.00	32.40	25.03#
0.00	0.00	0.00

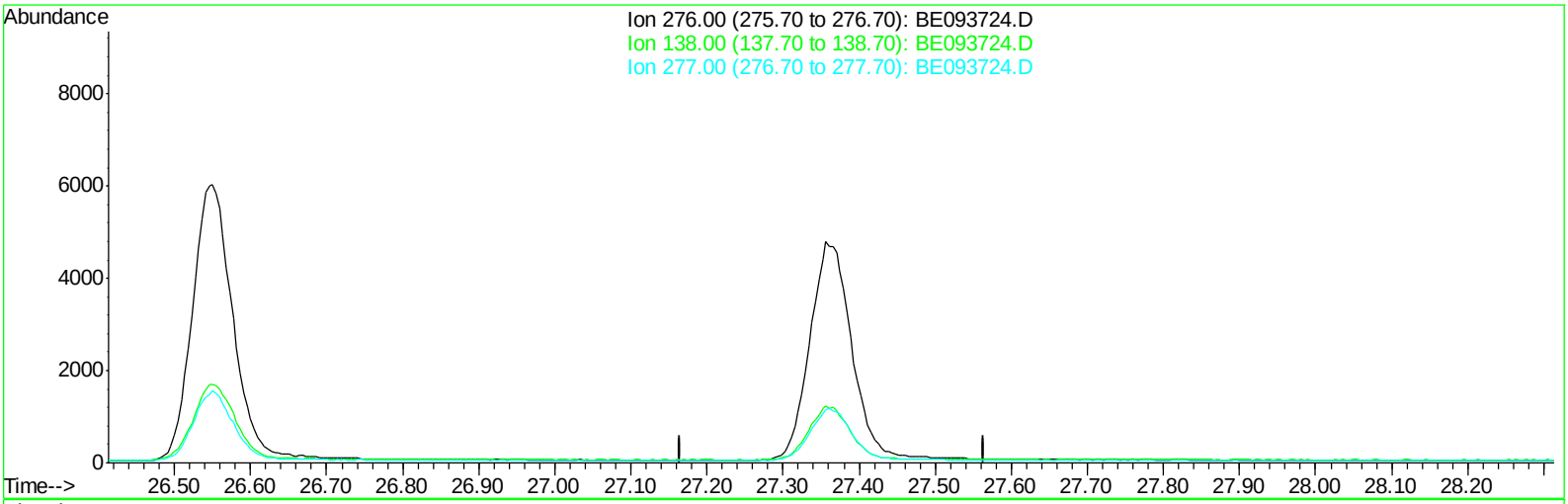
Quantitation Report (Qedit)

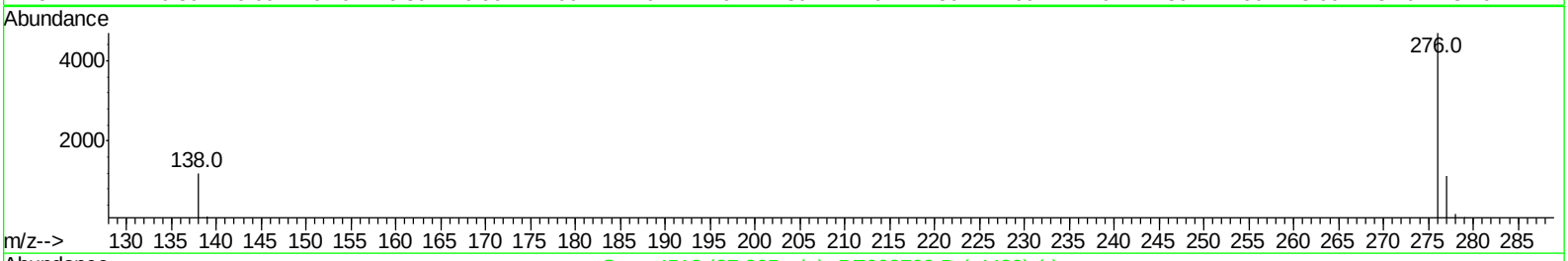
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

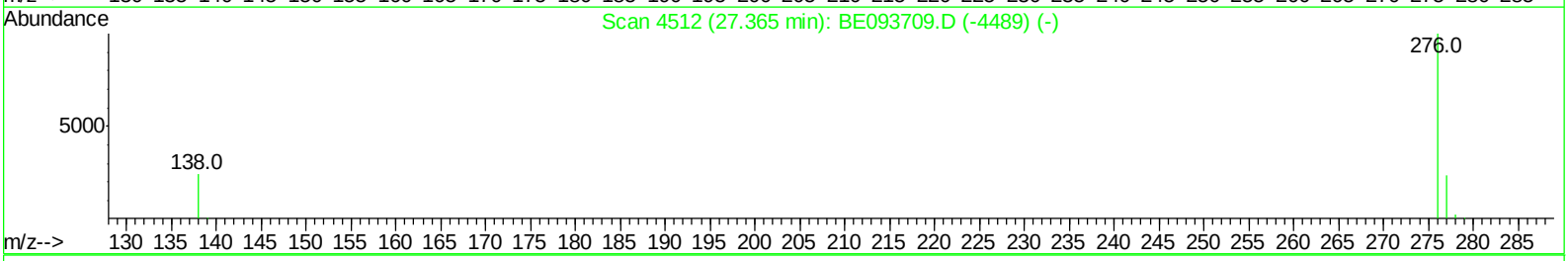
Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(26) Benzo(g,h,i)perylene

27.365min (-27.365) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.60	0.00#
0.00	0.00	0.00

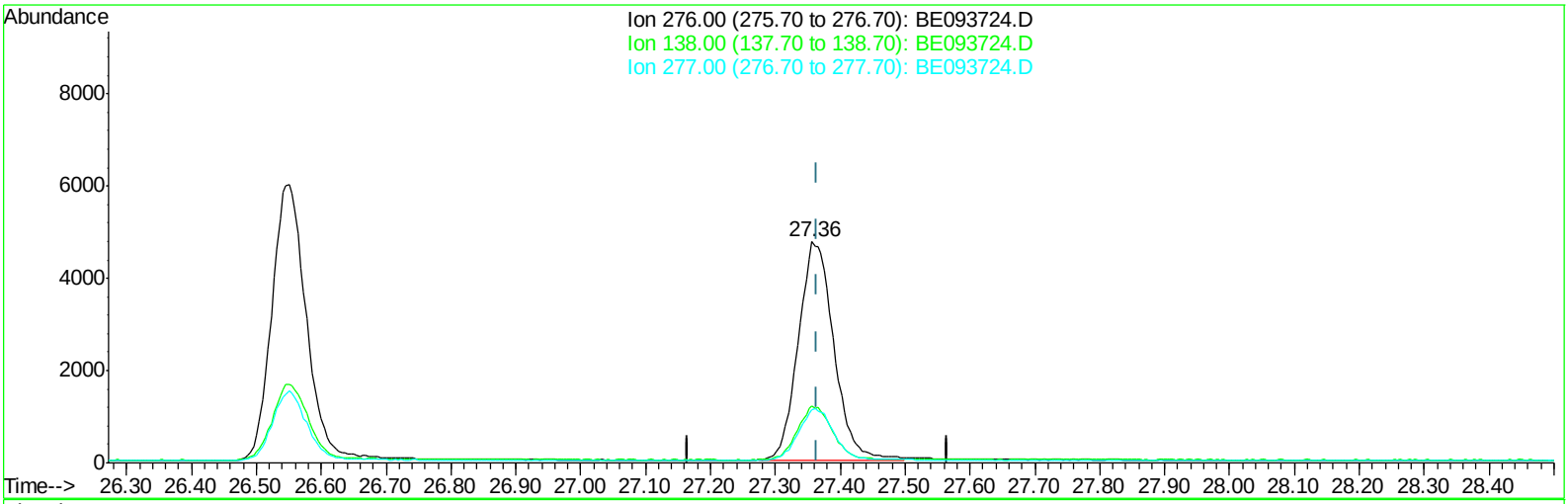
Quantitation Report (Qedit)

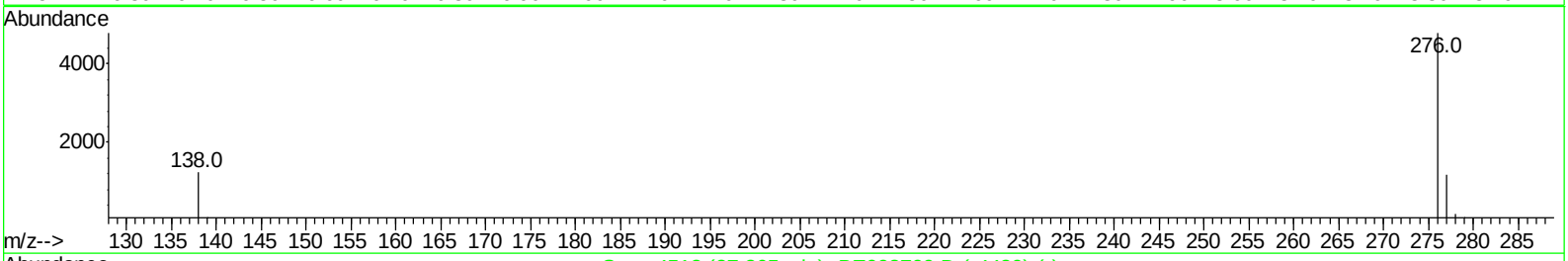
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

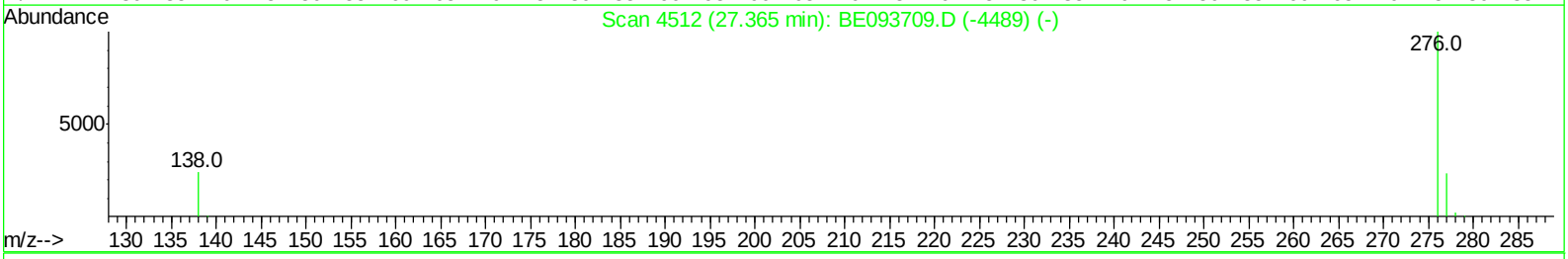
Quant Time: Aug 09 05:25:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM







TIC: BE093724.D

(26) Benzo(g,h,i)perylene

27.357min (-0.009) 0.38ng/ul m

response 17955

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.69
277.00	25.60	24.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093724.D
Acq On : 8 Aug 2017 19:17
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.445

Manual Integrations APPROVED
Sohil
8/9/2017 7:14:38 PM

Quant Time: Aug 09 05:28:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 04:20:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2728	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13863	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7833	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18937	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19685	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	17355m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8817	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	20803	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	13794	0.409	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	9617	0.391	ng/ul	98
7) Acenaphthylene	14.24	152	13307	0.406	ng/ul	97
8) Acenaphthene	14.59	153	10363	0.402	ng/ul	98
9) Fluorene	15.57	166	12032	0.369	ng/ul#	90
11) Pentachlorophenol	16.91	266	850	0.272	ng/ul	97
12) Phenanthrene	17.29	178	20280	0.393	ng/ul#	90
13) Anthracene	17.38	178	18640	0.371	ng/ul#	89
15) Fluoranthene	19.30	202	22402	0.347	ng/ul	84
17) Pyrene	19.66	202	22885	0.398	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	21441	0.376	ng/ul#	85
19) Chrysene	21.45	228	21844	0.399	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	20670	0.385	ng/ul	85
22) Benzo(k)fluoranthene	23.19	252	21475m	0.406	ng/ul	
23) Benzo(a)pyrene	23.80	252	19859m	0.389	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	22110m	0.392	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	18371m	0.390	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	17955m	0.378	ng/ul	

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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