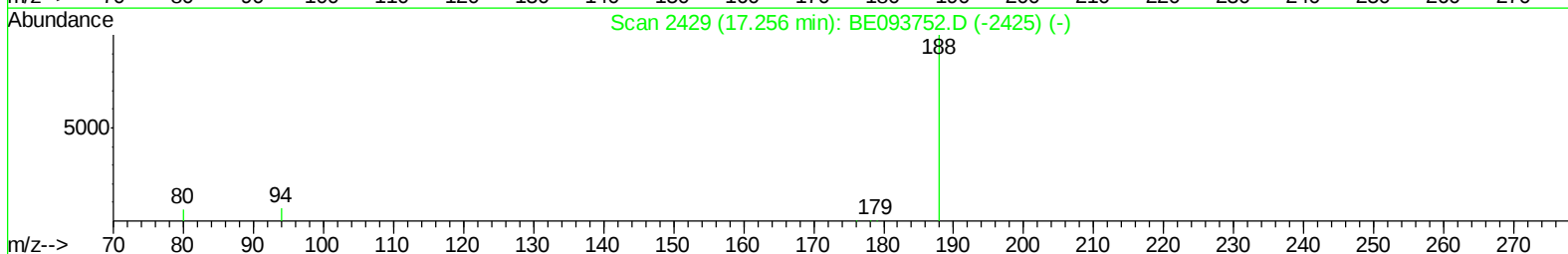
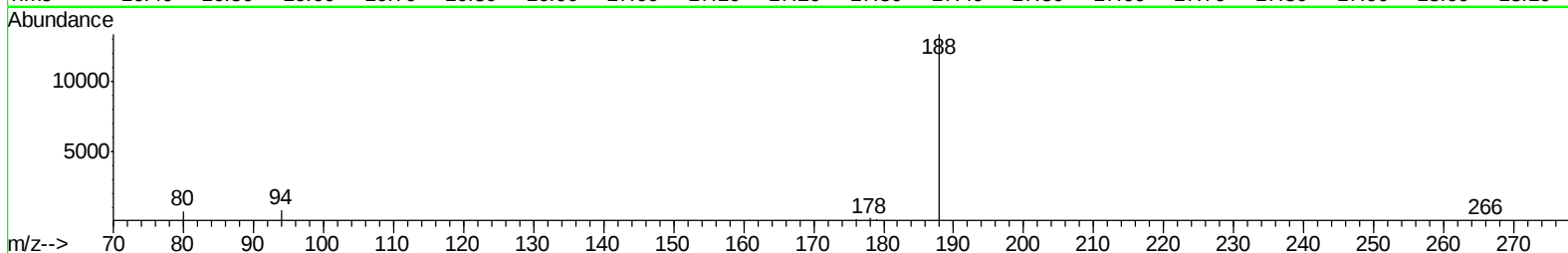
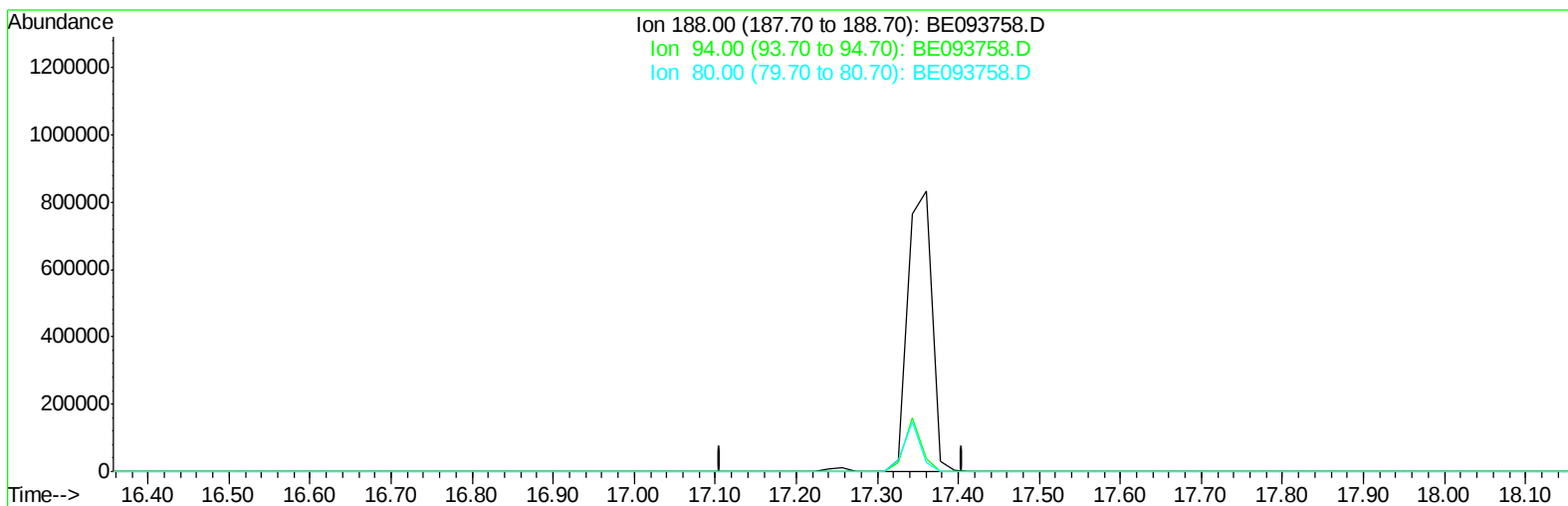


Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 17:30:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

(10) Phenanthrene-d10 (I)

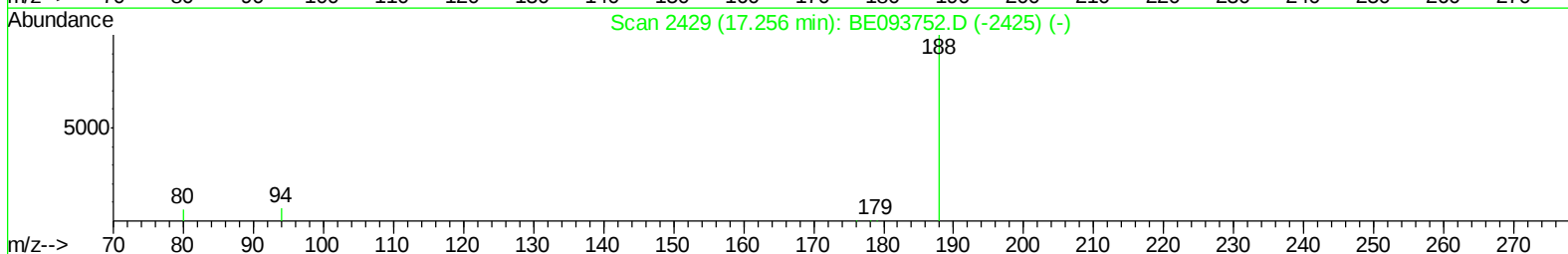
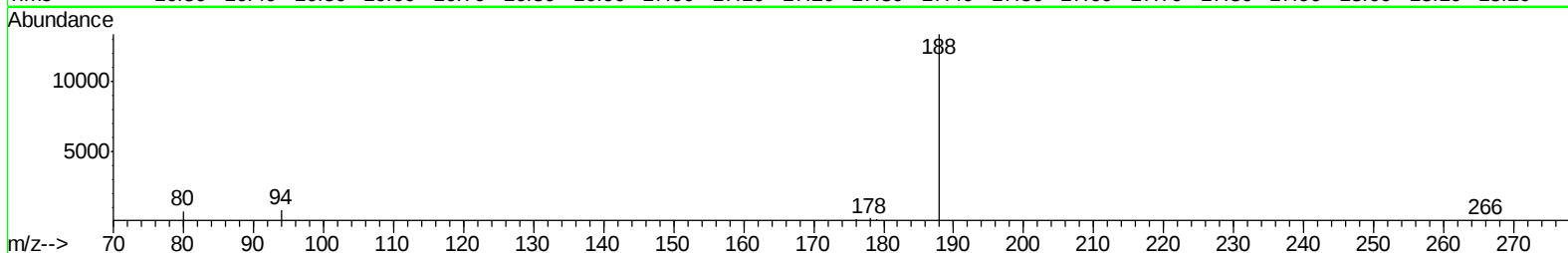
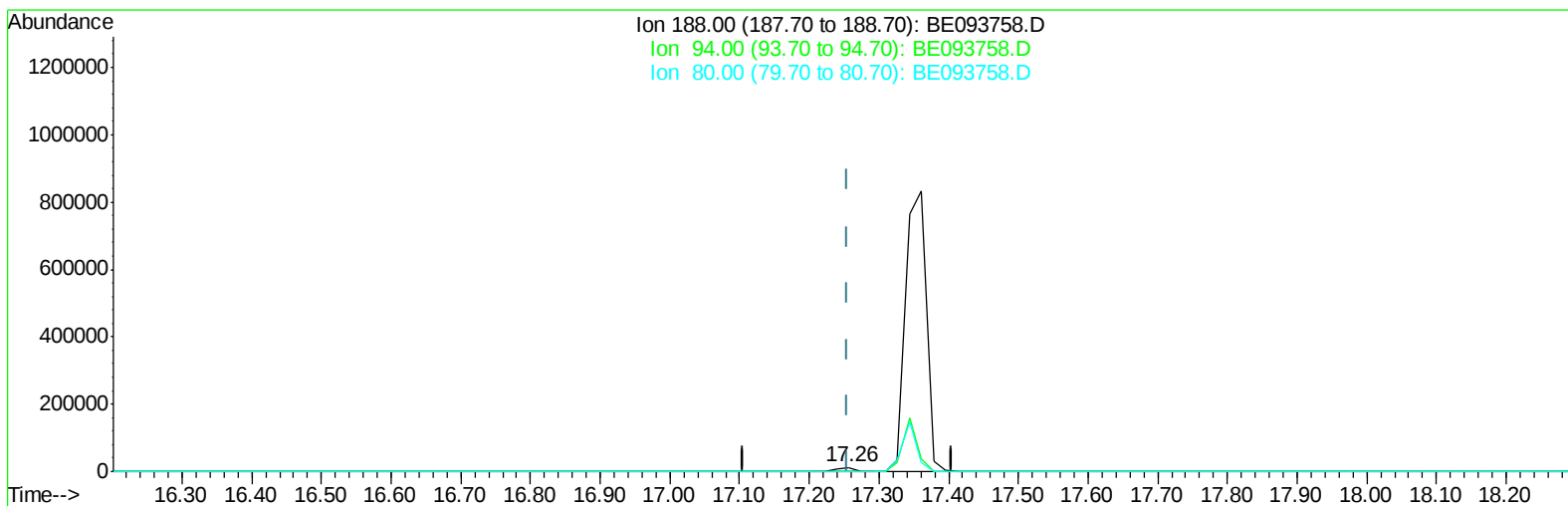
17.256min (-17.256) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 17:30:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

(10) Phenanthrene-d10 (I)

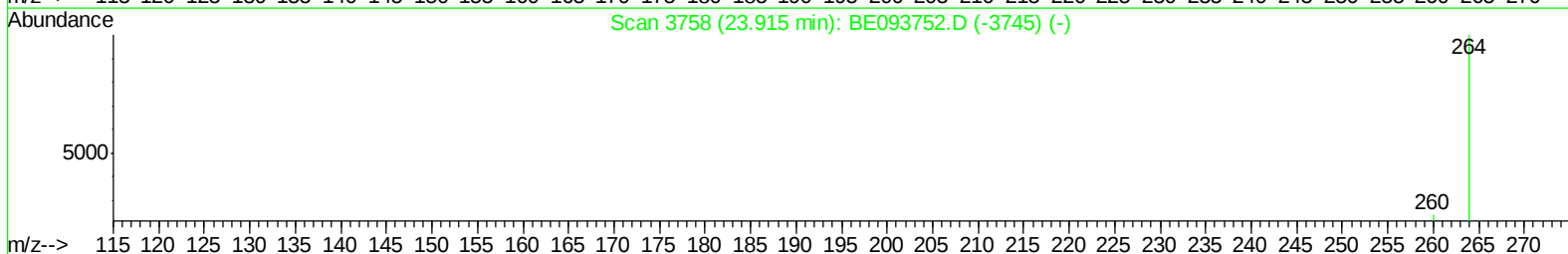
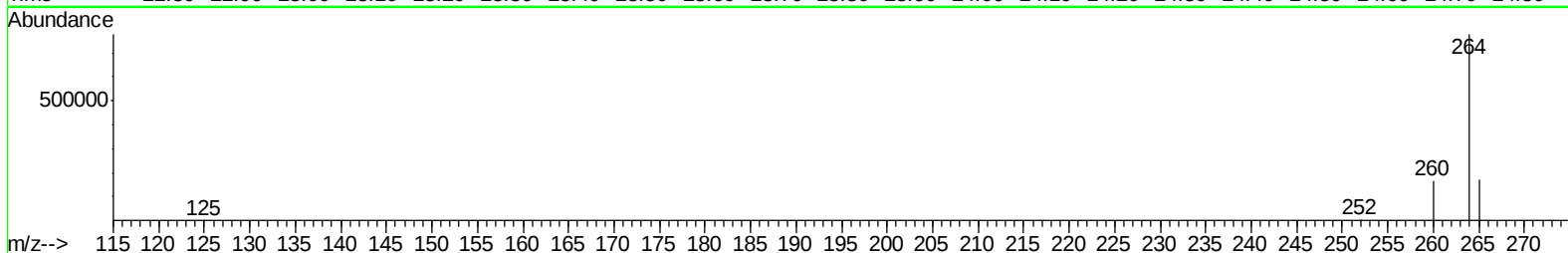
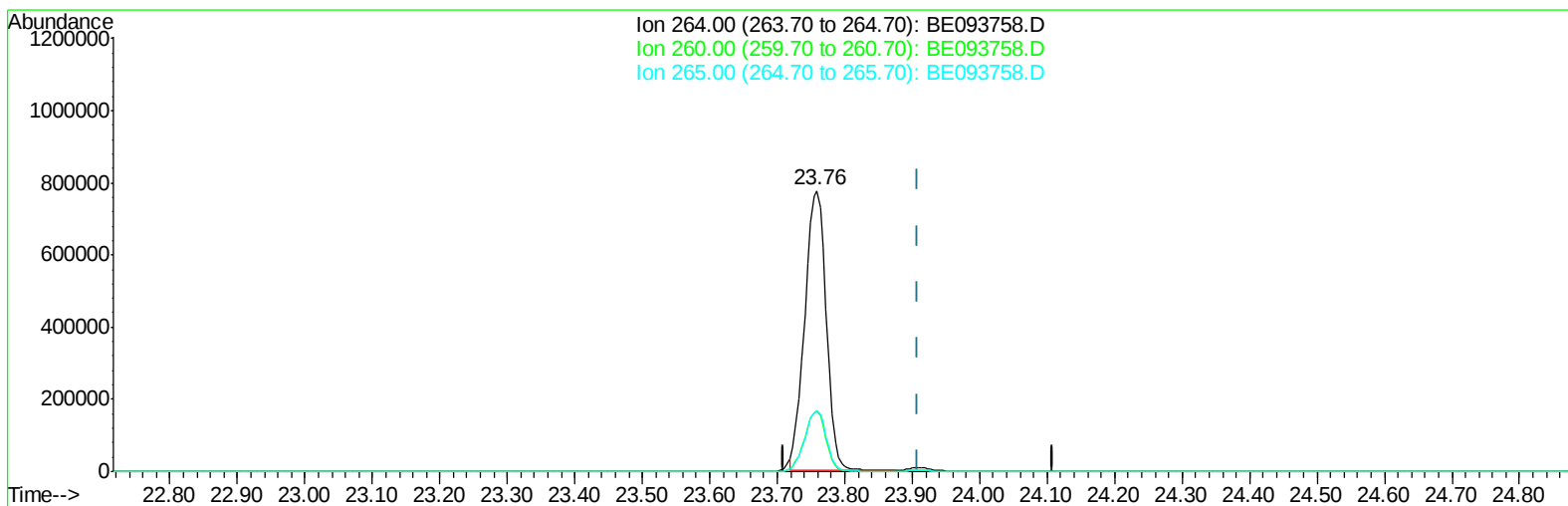
17.257min (+0.001) 0.40ng/ul m

response 21973

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.87#
80.00	11.80	5.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

(20) Perylene-d12 (I)

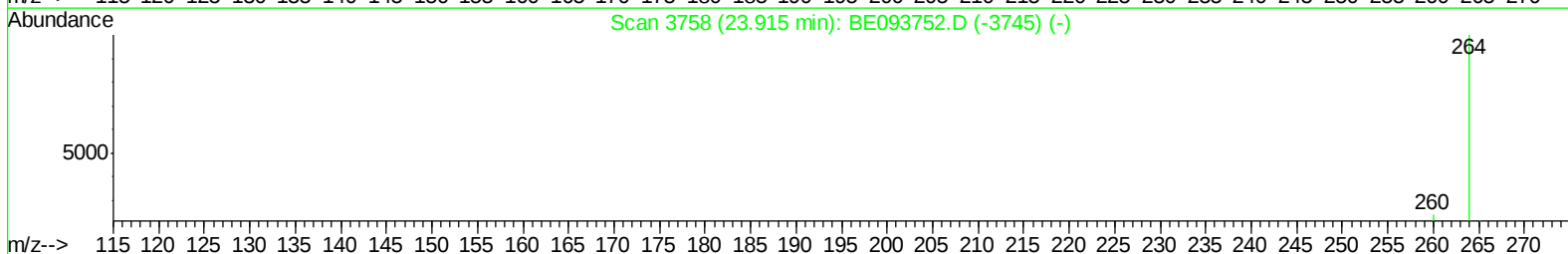
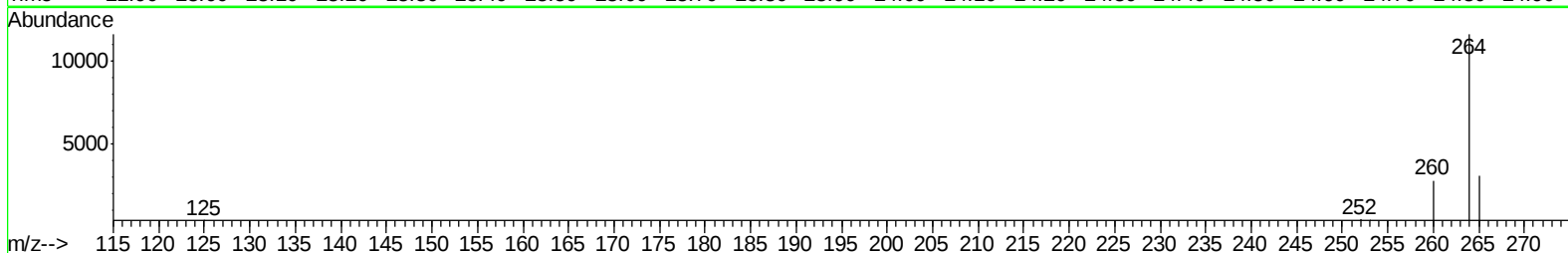
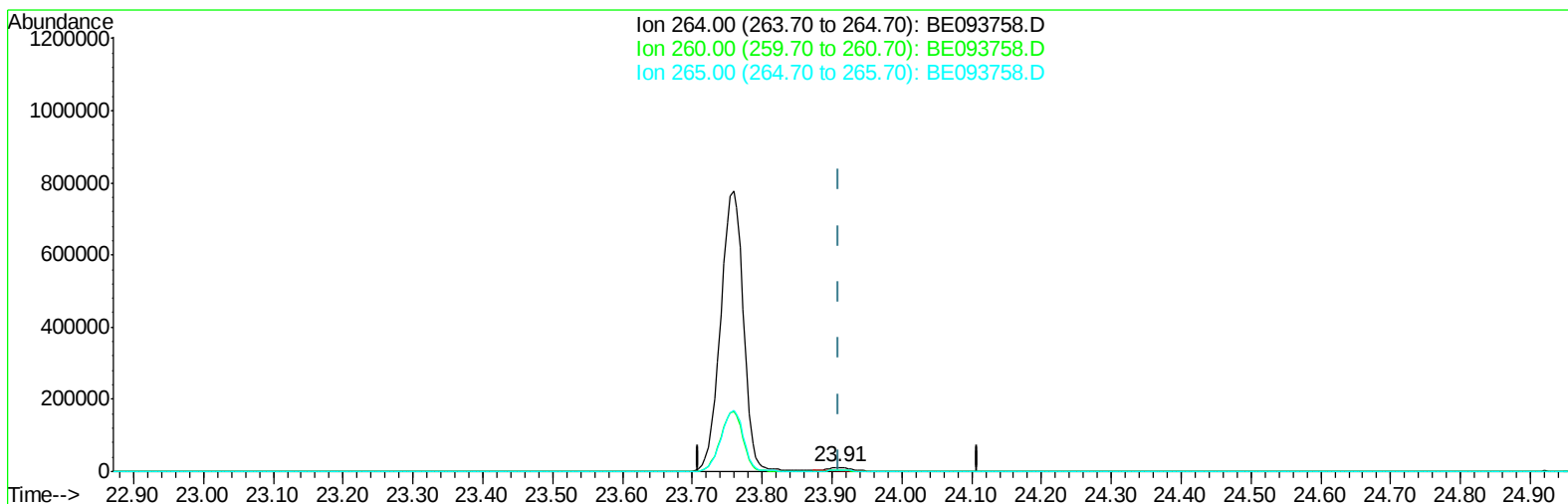
23.759min (-0.151) 0.40ng/ul

response 1723532

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.28#
265.00	103.50	21.76#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

(20) Perylene-d12 (I)

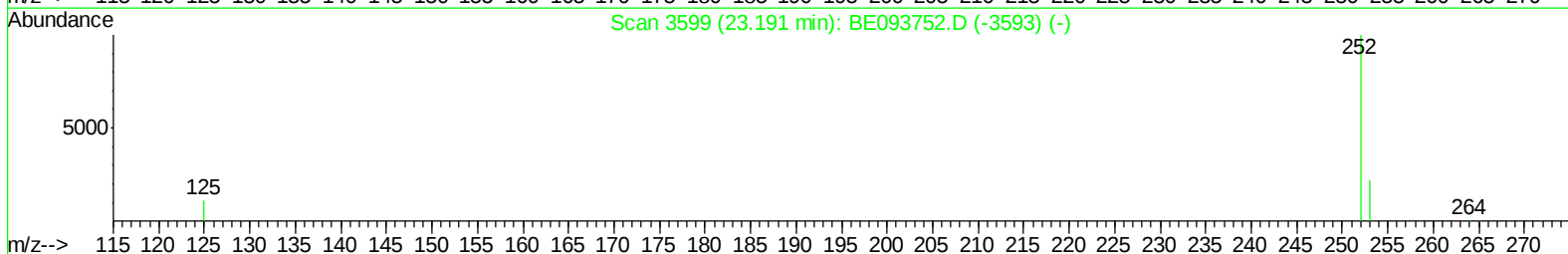
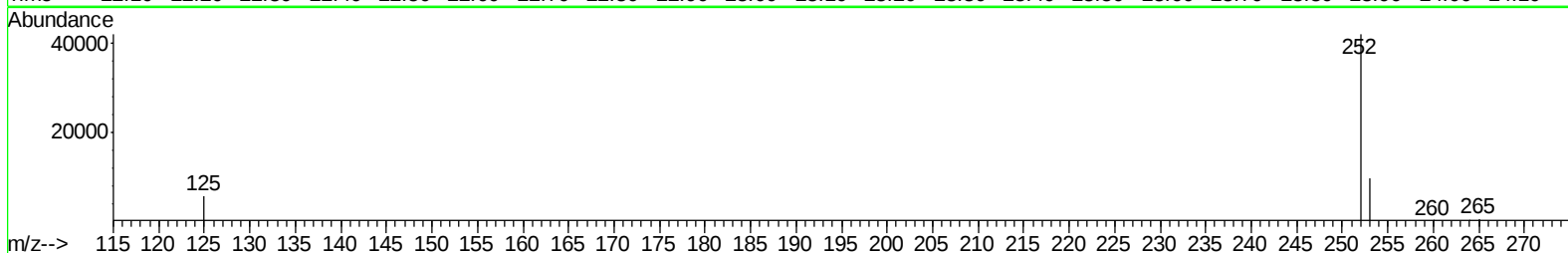
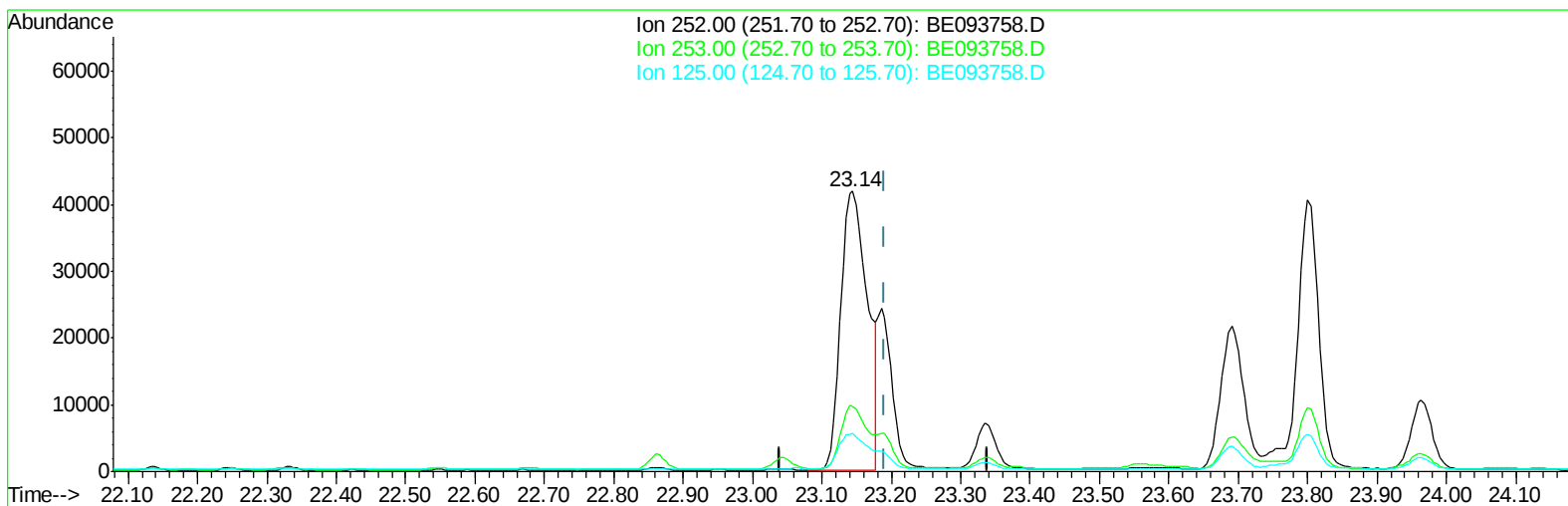
23.909min (-0.000) 0.40ng/ul m

response 19222

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.31
265.00	103.50	26.55#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



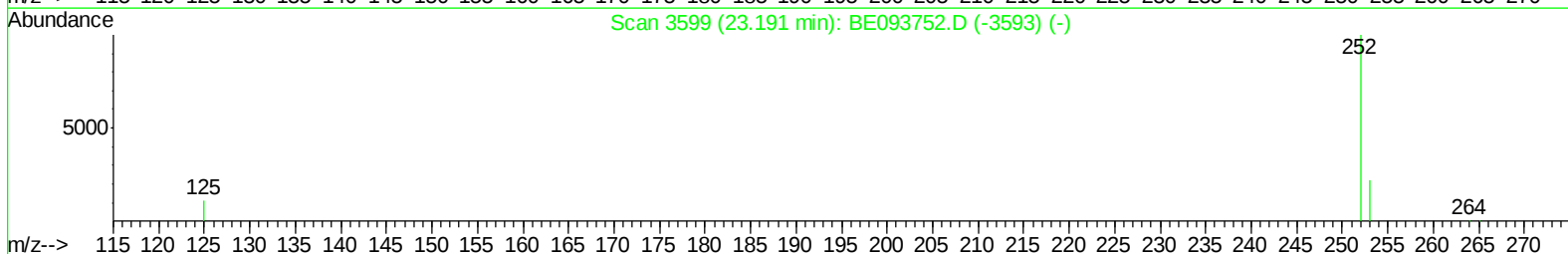
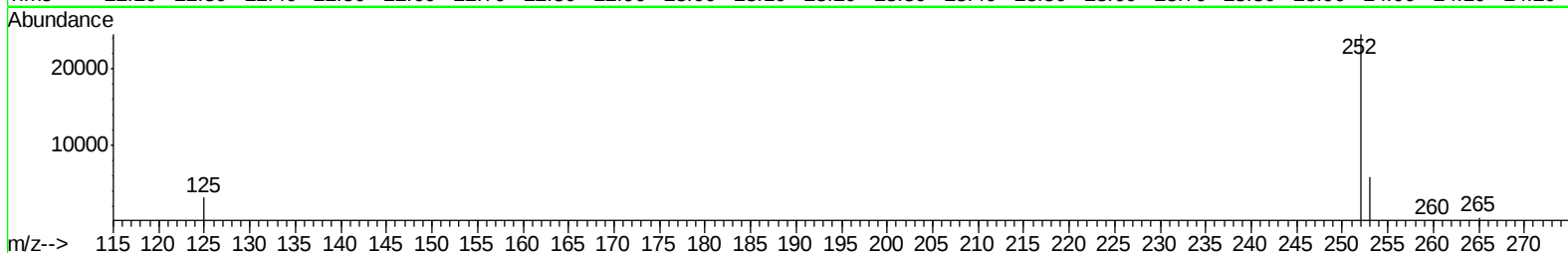
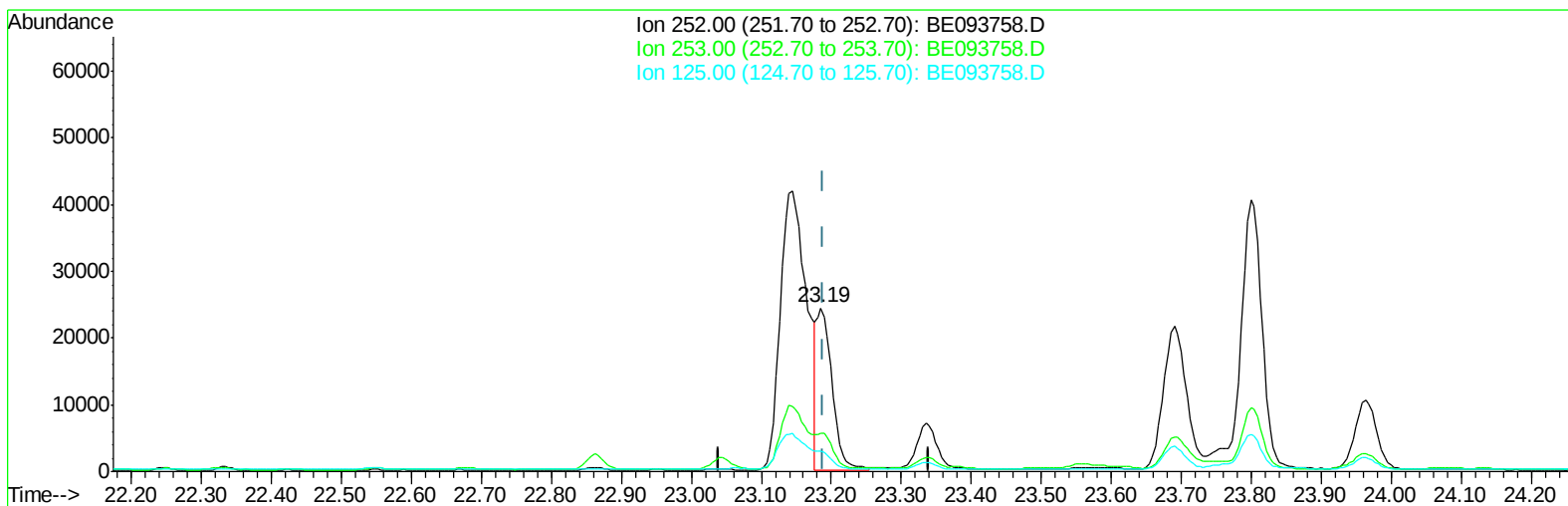
TIC: BE093758.D

(22) Benzo(k)fluoranthene
23.144min (-0.046) 1.88ng/ul
response 110282

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.14#
125.00	17.10	13.60#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

(22) Benzo(k)fluoranthene

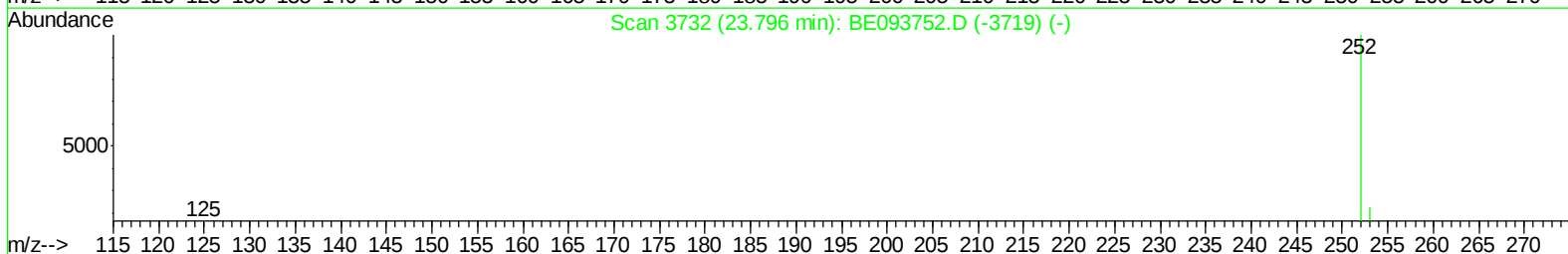
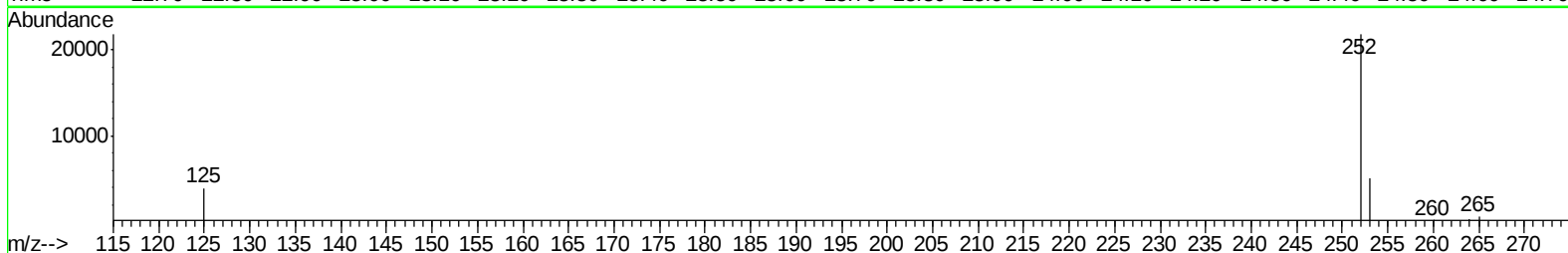
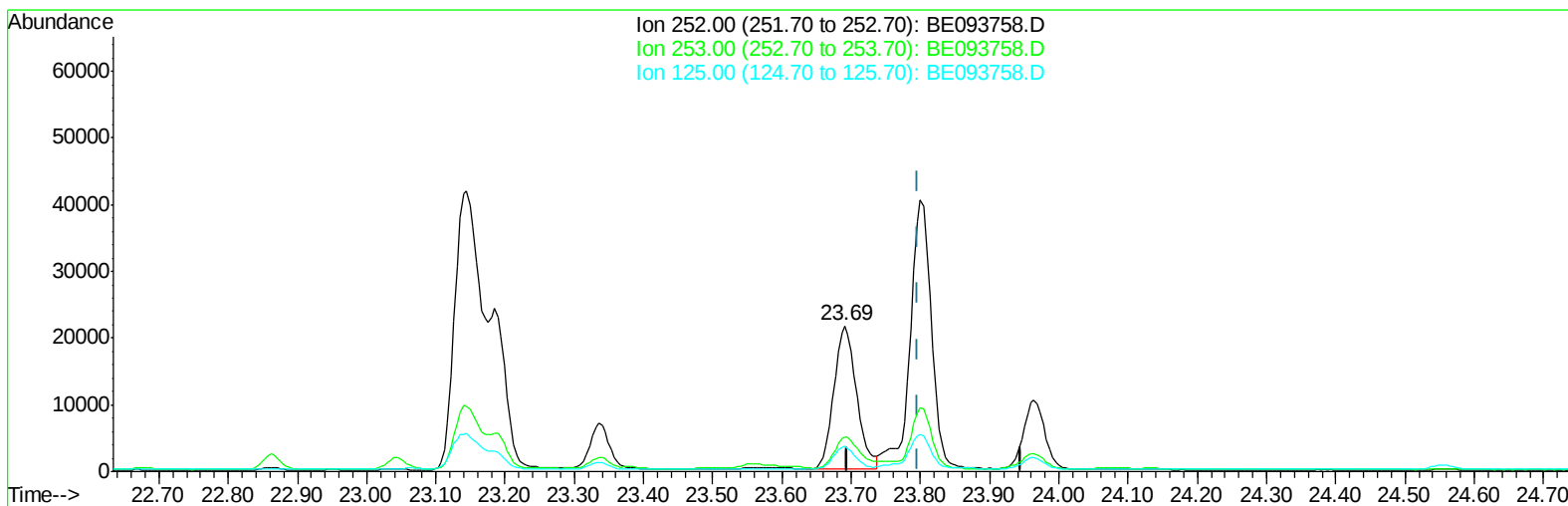
23.185min (-0.005) 0.63ng/ul m

response 36755

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.72#
125.00	17.10	12.52#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

(23) Benzo(a)pyrene (C)

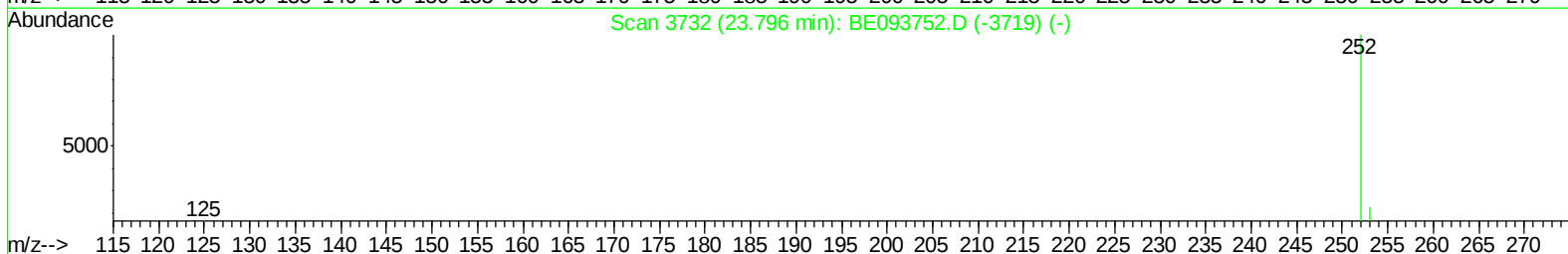
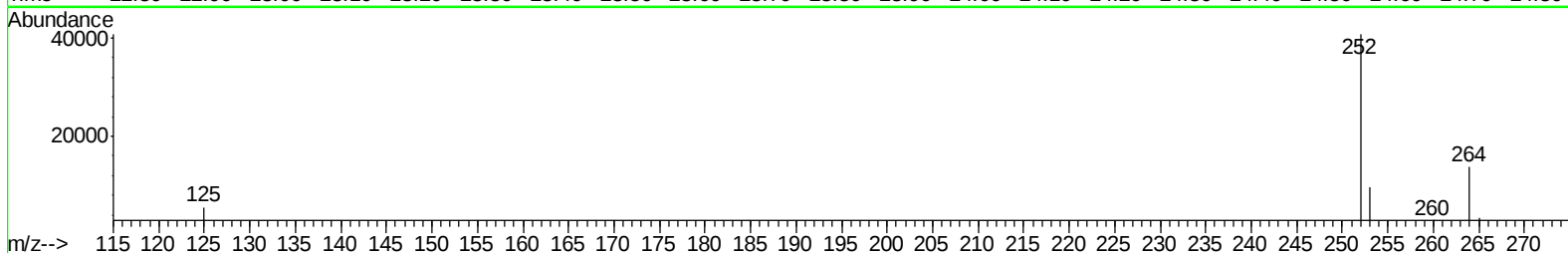
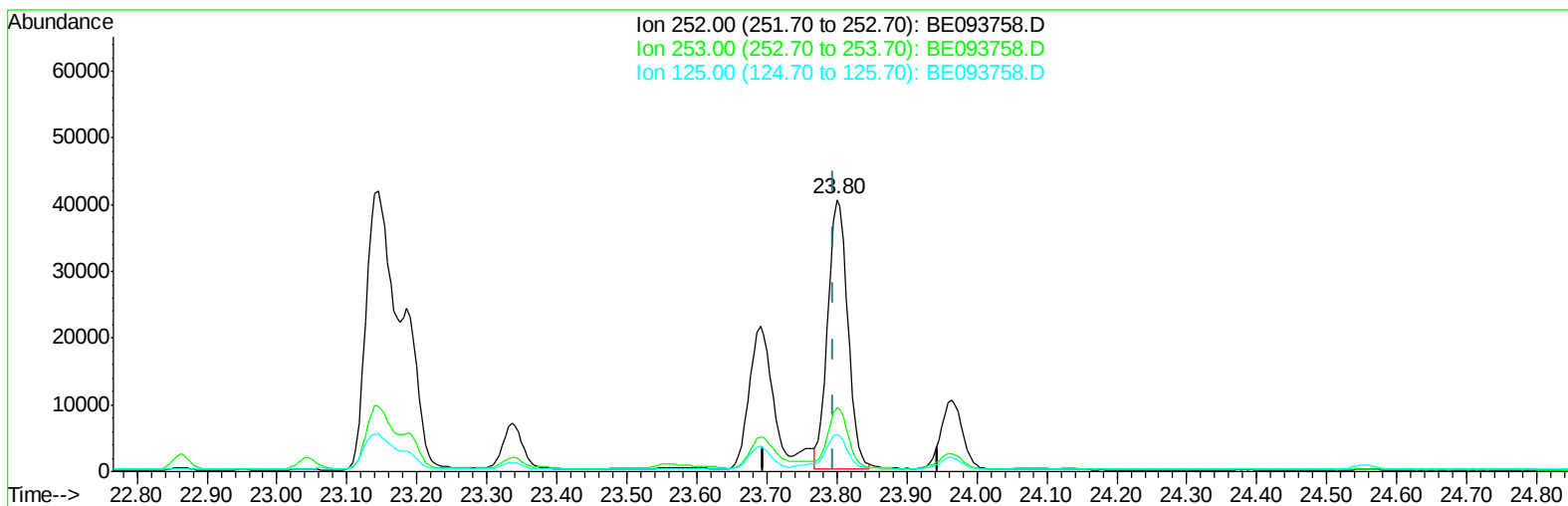
23.691min (-0.105) 0.88ng/ul

response 49762

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.30#
125.00	22.60	17.73#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

(23) Benzo(a)pyrene (C)

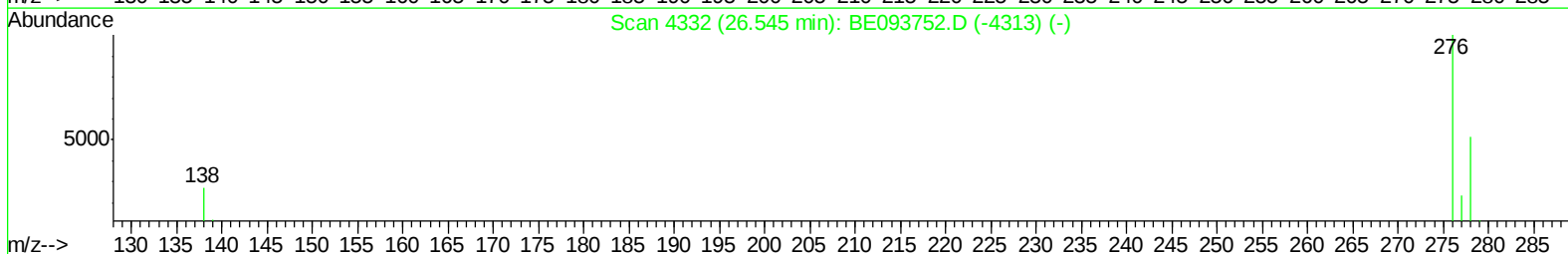
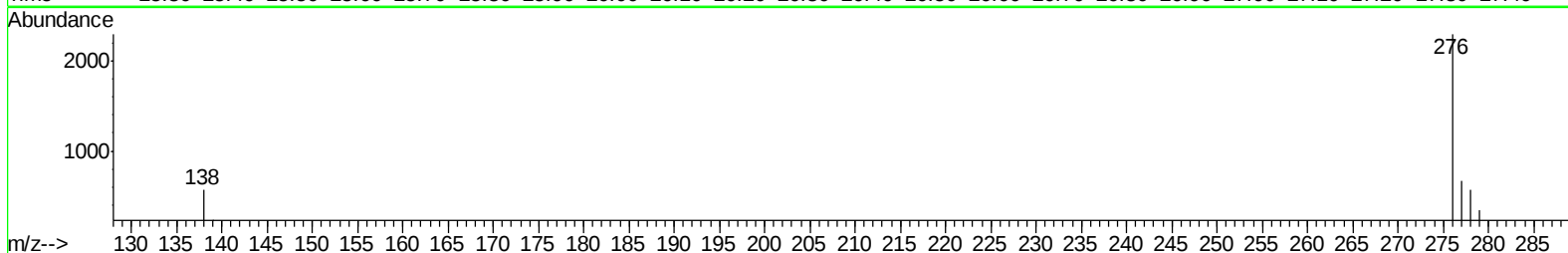
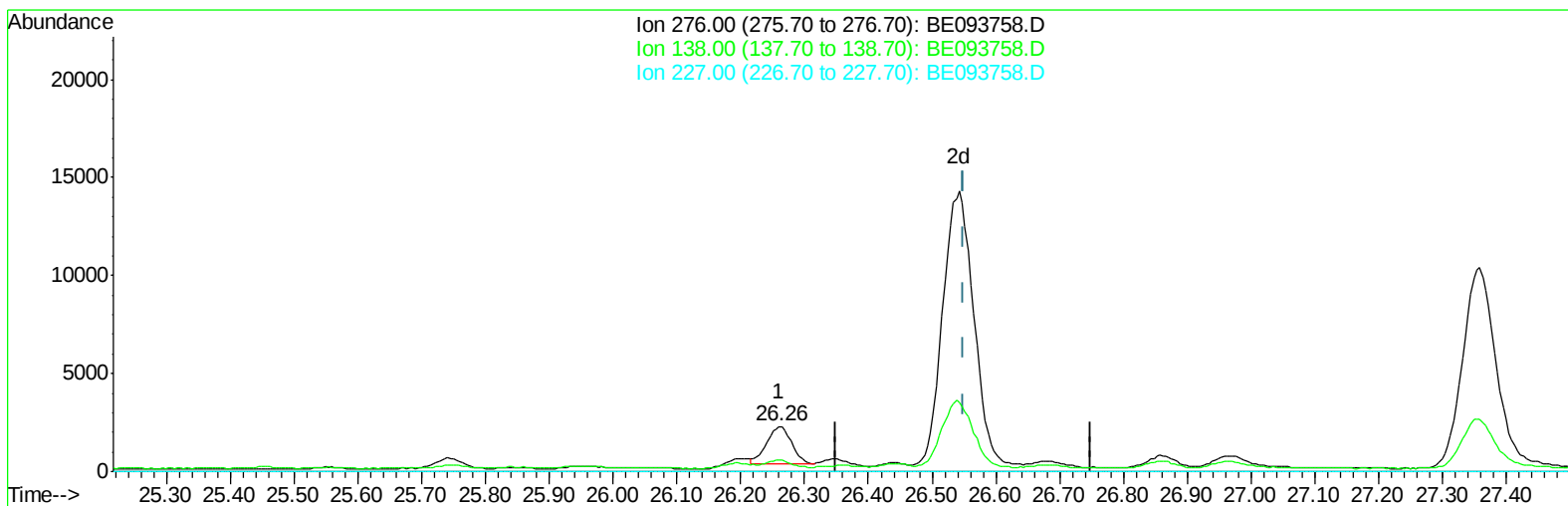
23.800min (+0.004) 1.41ng/ul m

response 80030

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.65#
125.00	22.60	13.46#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

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

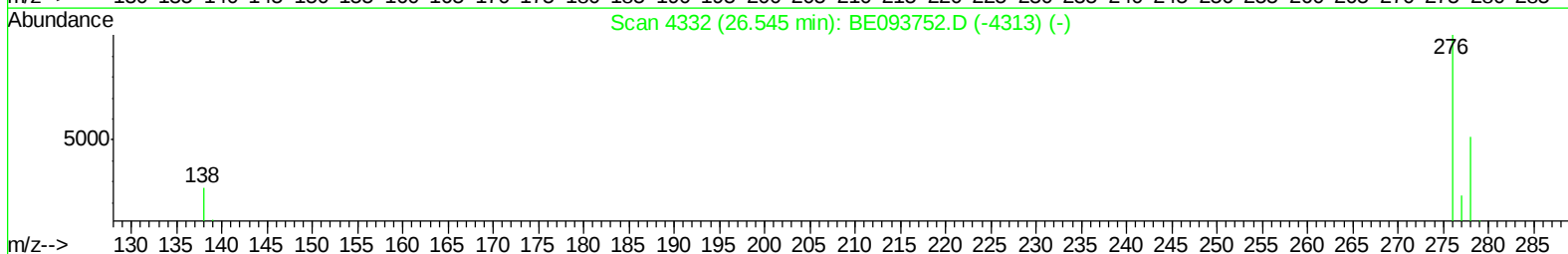
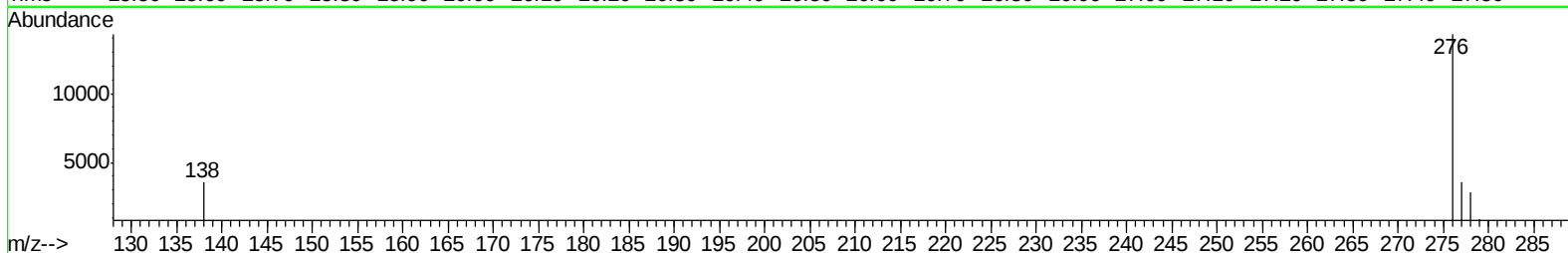
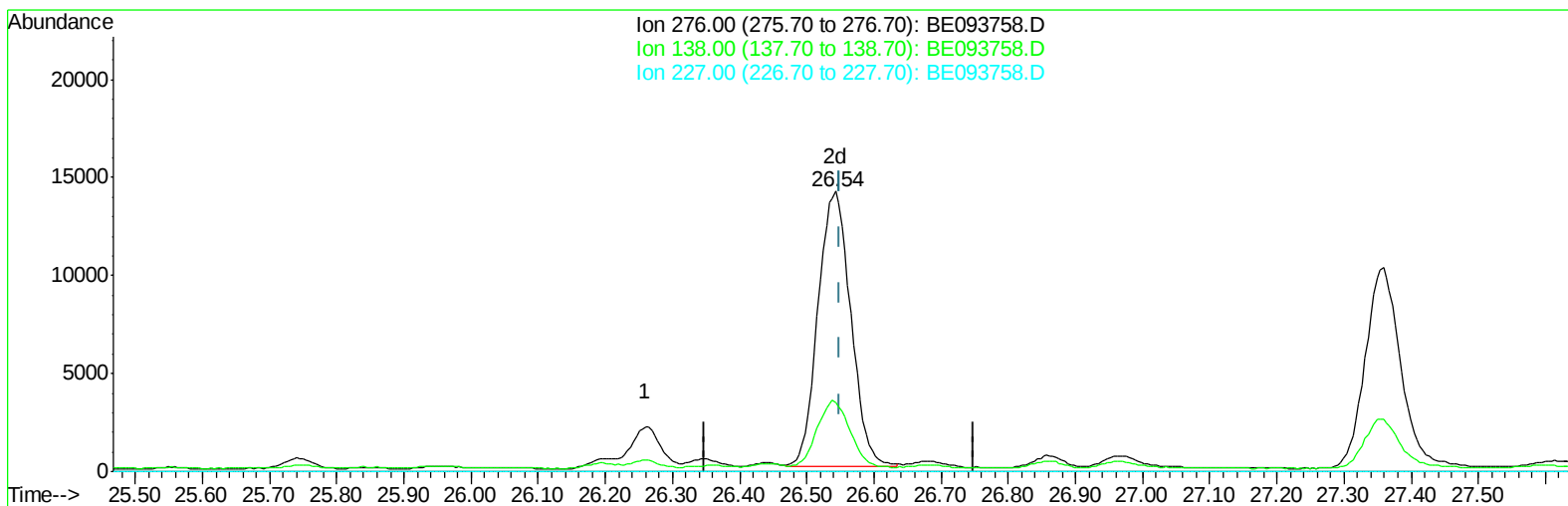
26.260min (-0.289) 0.08ng/ul

response 5024

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	18.97#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

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

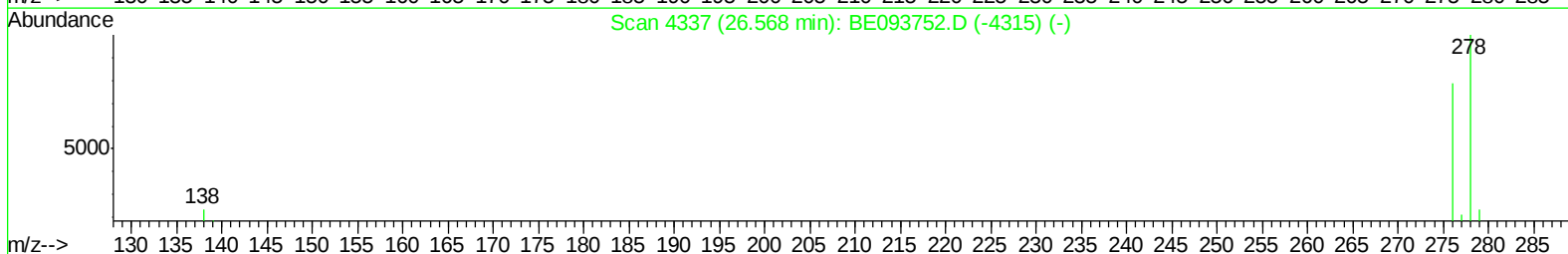
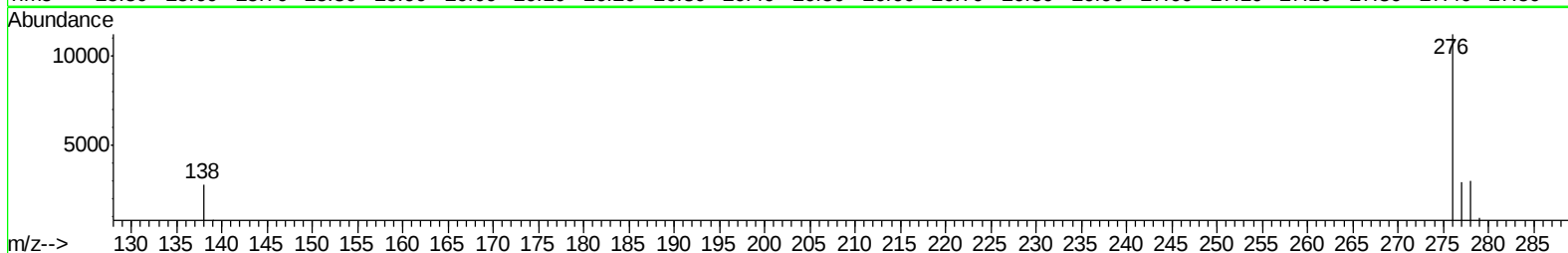
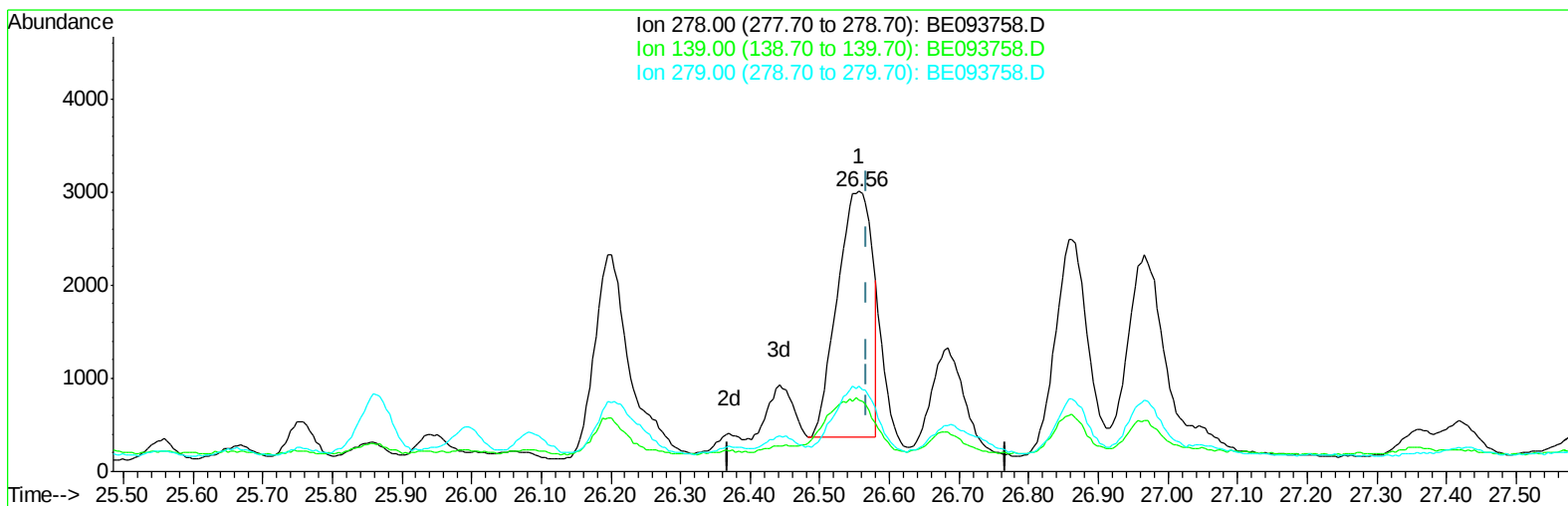
26.543min (-0.007) 0.77ng/ul m

response 47805

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	1.99#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

(25) Dibenzo(a,h)anthracene

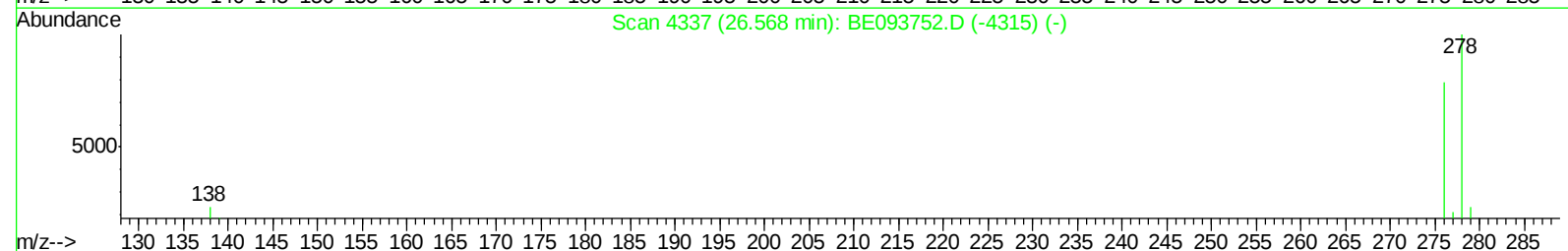
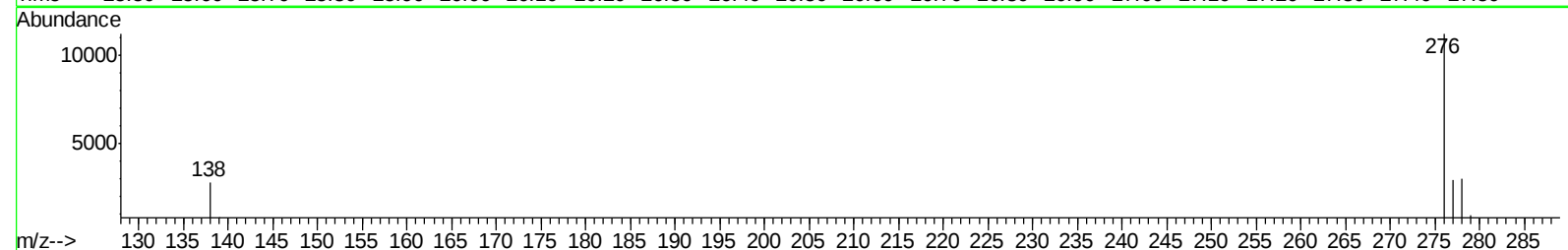
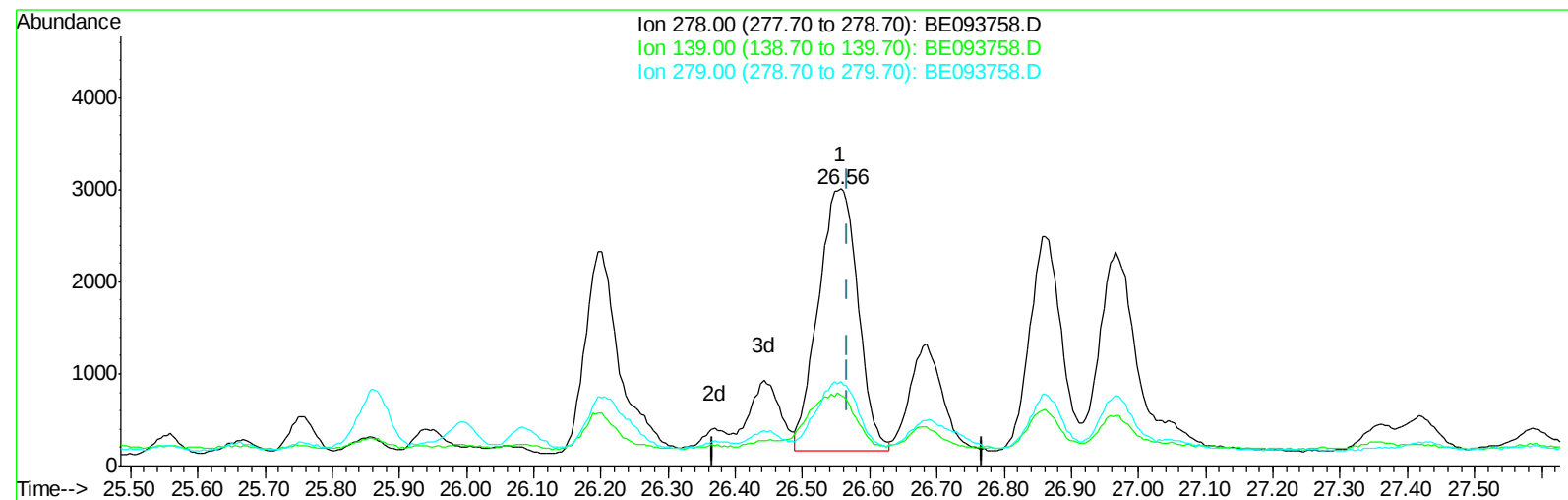
26.556min (-0.011) 0.17ng/ul

response 9063

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	25.68
279.00	32.40	30.33
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

(25) Dibenzo(a,h)anthracene

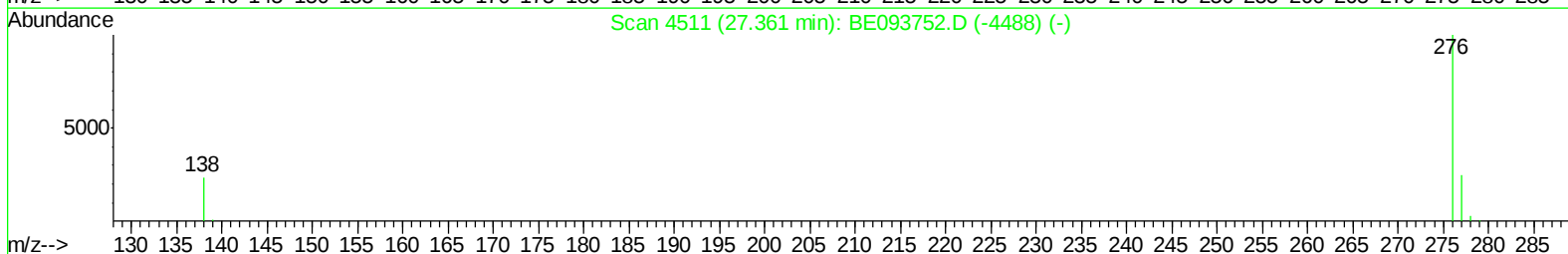
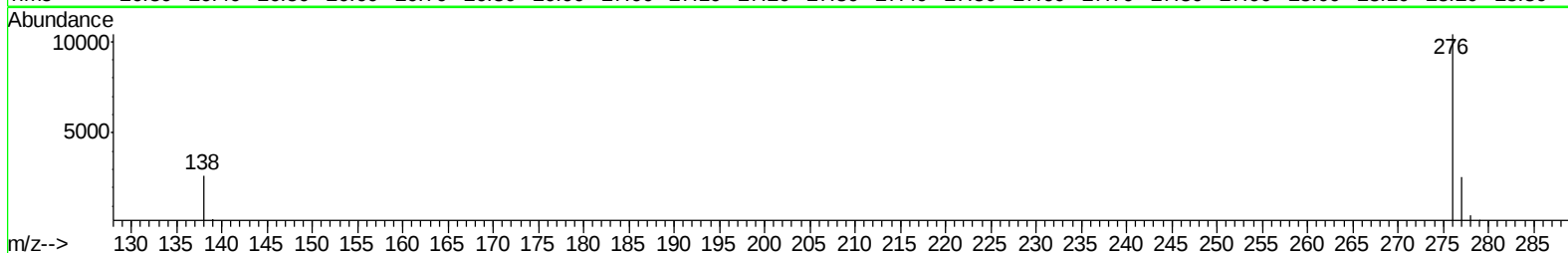
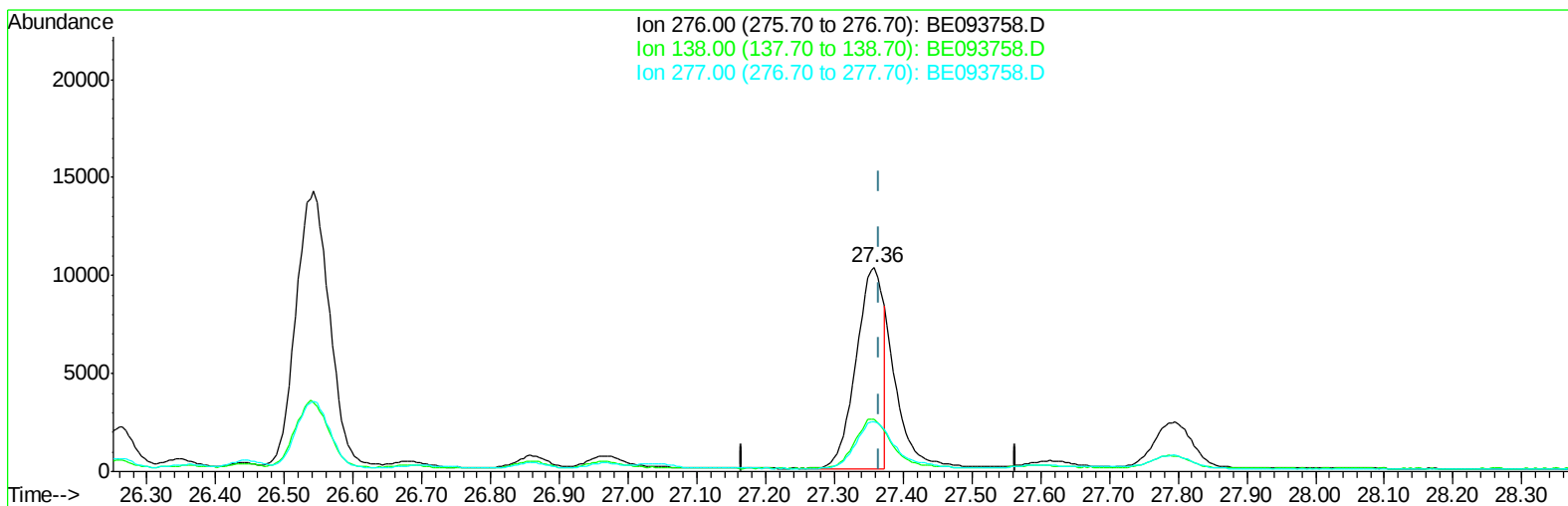
26.556min (-0.011) 0.22ng/ul m

response 11723

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	25.68
279.00	32.40	30.33
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

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

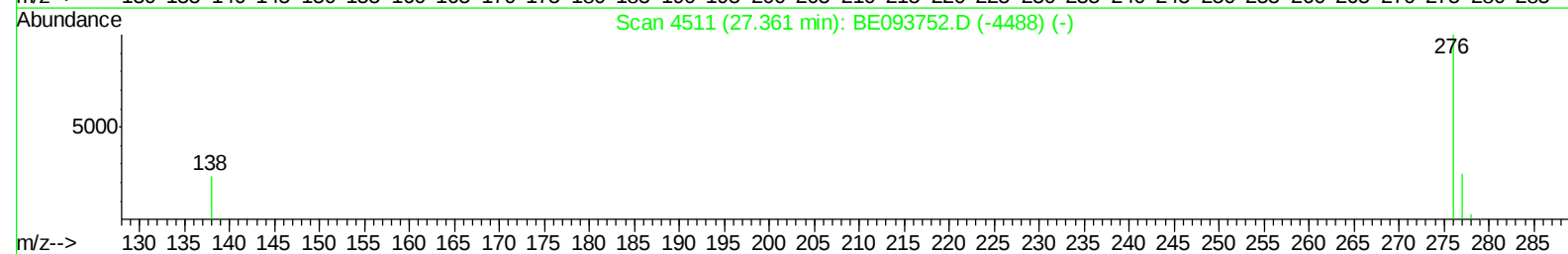
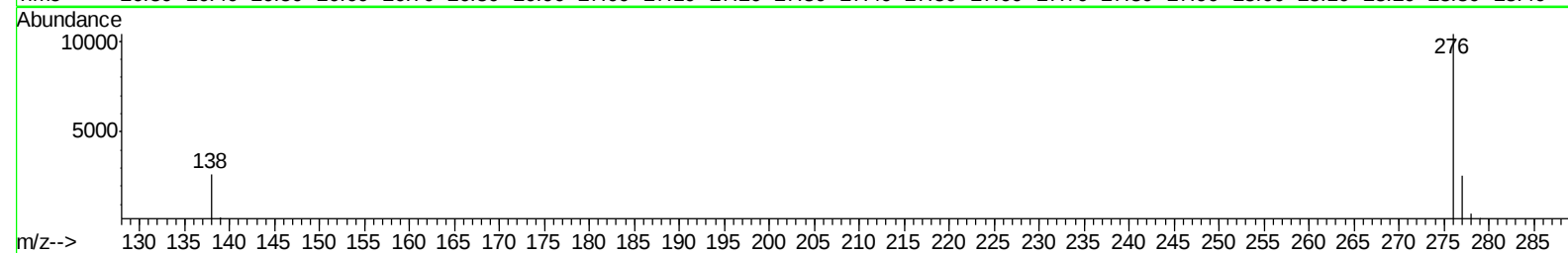
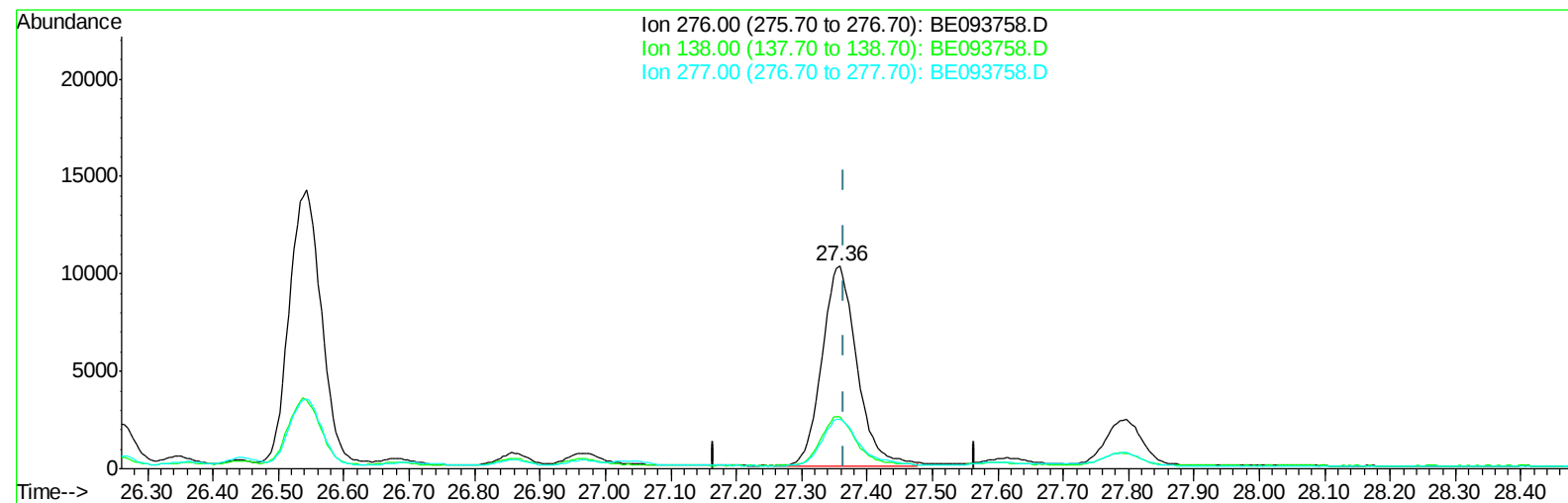
27.358min (-0.007) 0.52ng/ul

response 27624

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.59
277.00	25.60	24.51
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:32:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093758.D

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

27.358min (-0.007) 0.72ng/ul m

response 38002

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.59
277.00	25.60	24.51
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093758.D
 Acq On : 10 Aug 2017 22:41
 Operator : SJ/JU
 Sample : I4529-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:35:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3019	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15774	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	10084	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21973m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23417	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19222m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	8037	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	23563	0.34	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.24	152	4225	0.100	ng/ul	97
8) Acenaphthene	14.58	153	3024	0.091	ng/ul	96
9) Fluorene	15.57	166	5199	0.124	ng/ul	92
12) Phenanthrene	17.29	178	81386	1.360	ng/ul#	89
13) Anthracene	17.38	178	14078	0.242	ng/ul#	91
15) Fluoranthene	19.30	202	200913	2.685	ng/ul	84
17) Pyrene	19.66	202	183501	2.685	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	82975	1.222	ng/ul#	86
19) Chrysene	21.44	228	85884	1.319	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	110282	1.855	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	36755m	0.627	ng/ul	
23) Benzo(a)pyrene	23.80	252	80030m	1.415	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.54	276	47805m	0.766	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	11723m	0.225	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	38002m	0.722	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093758.D
Acq On : 10 Aug 2017 22:41
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 18:35:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration

