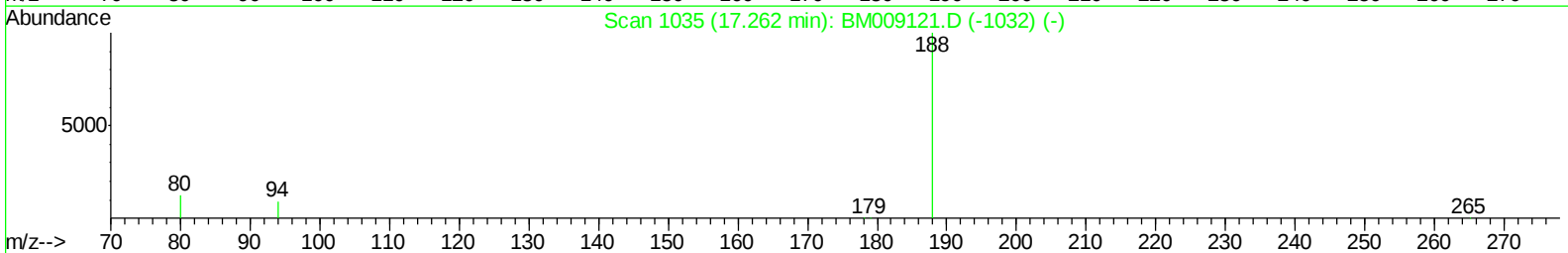
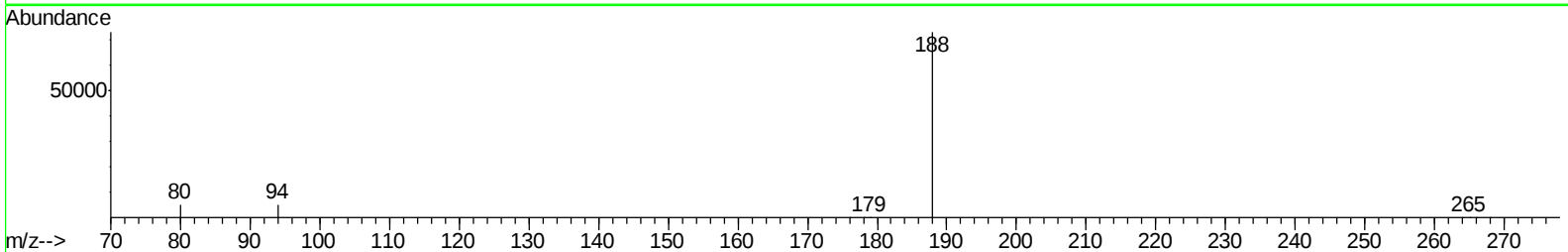
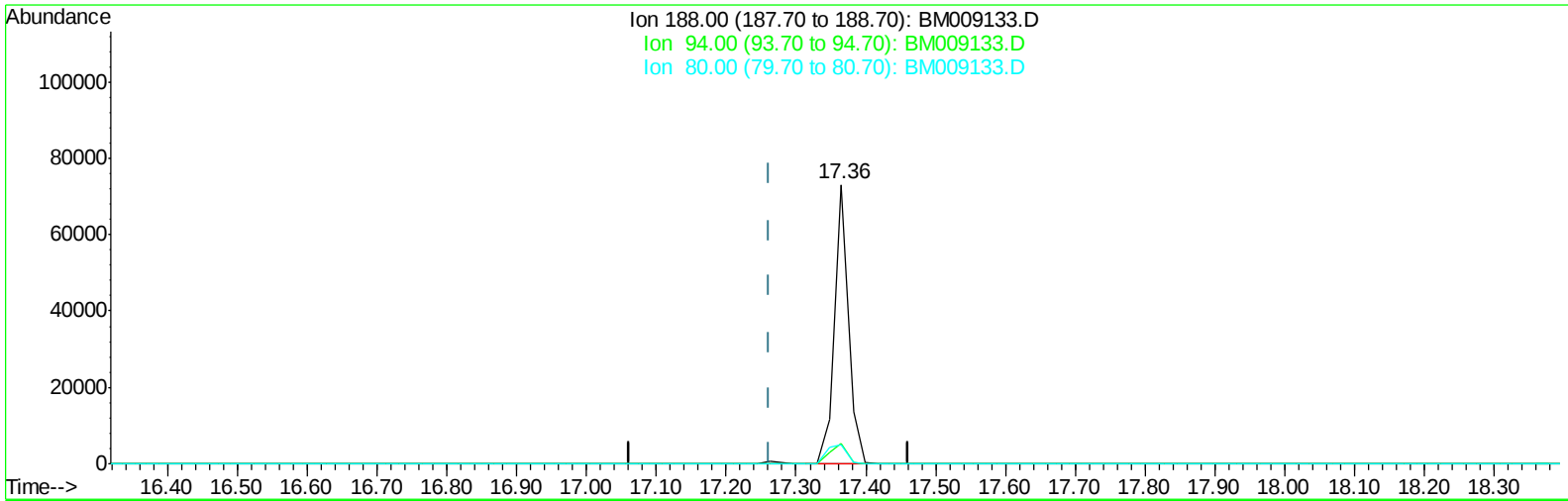


Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:18:27 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(10) Phenanthrene-d10 (I)

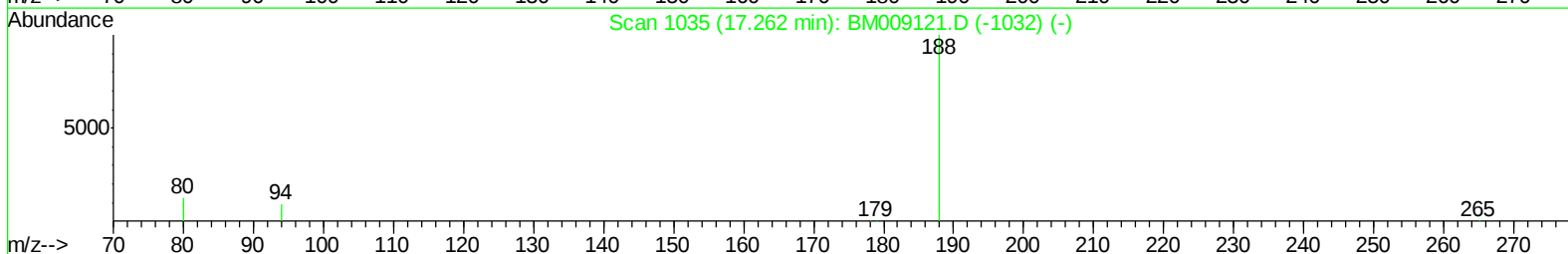
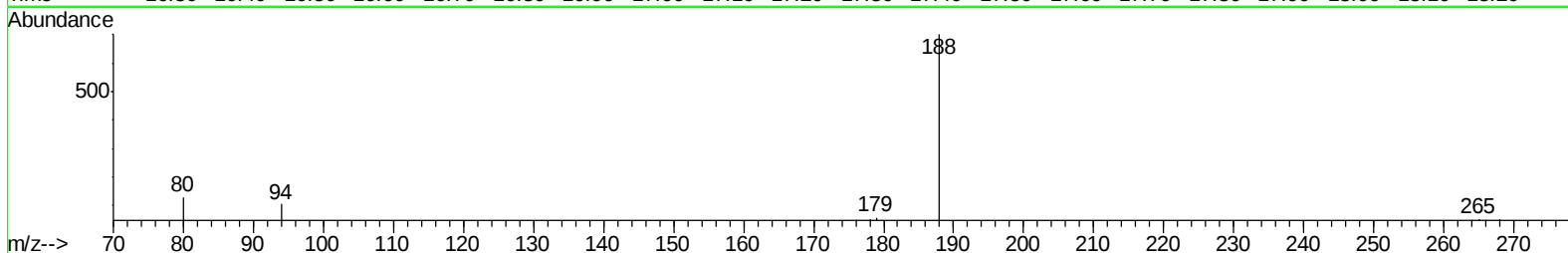
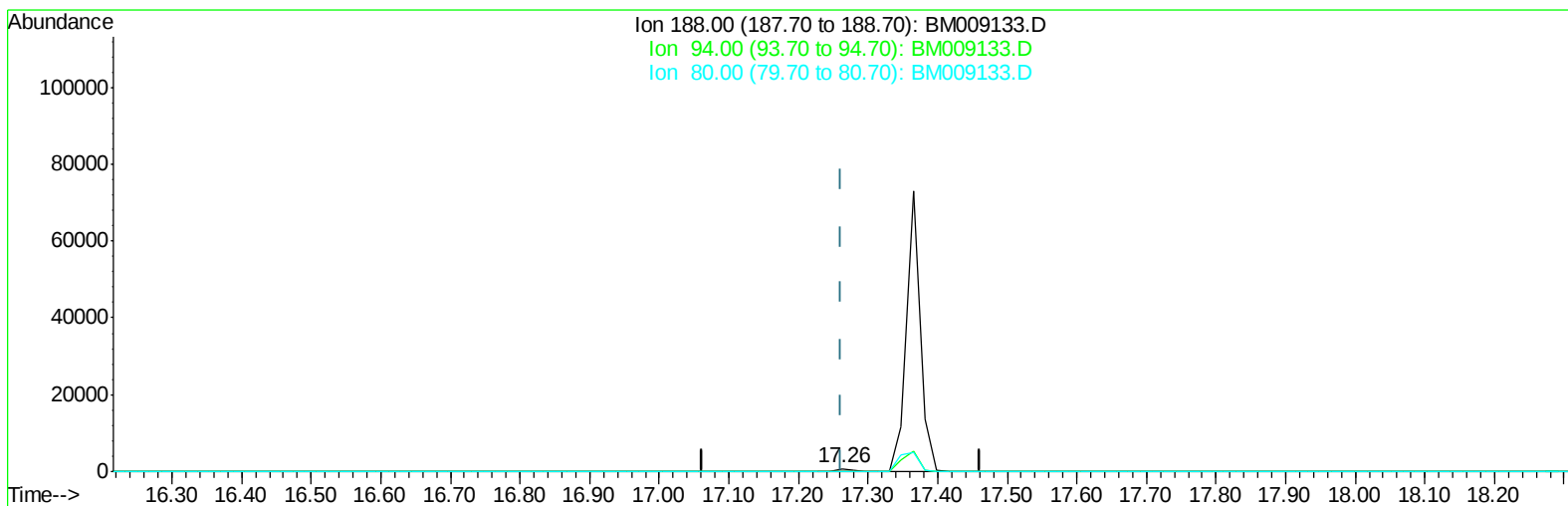
17.365min (+0.103) 0.40ng/ul

response 101243

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.09#
80.00	11.80	7.05#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:18:27 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(10) Phenanthrene-d10 (I)

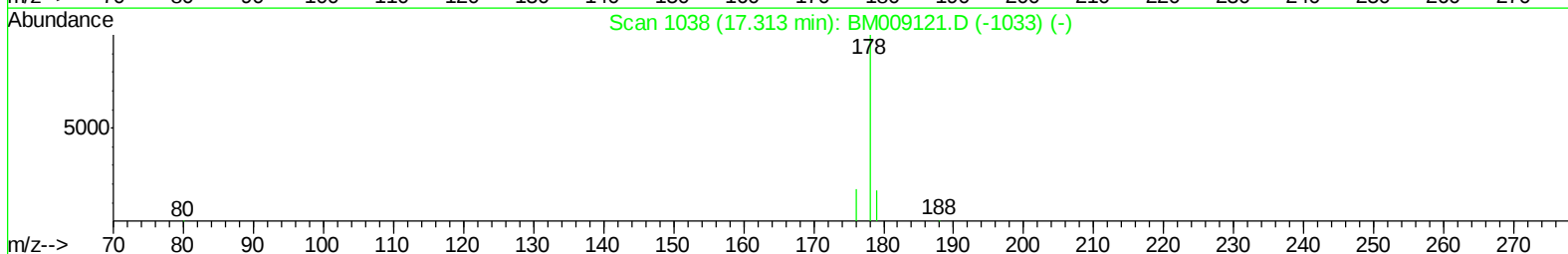
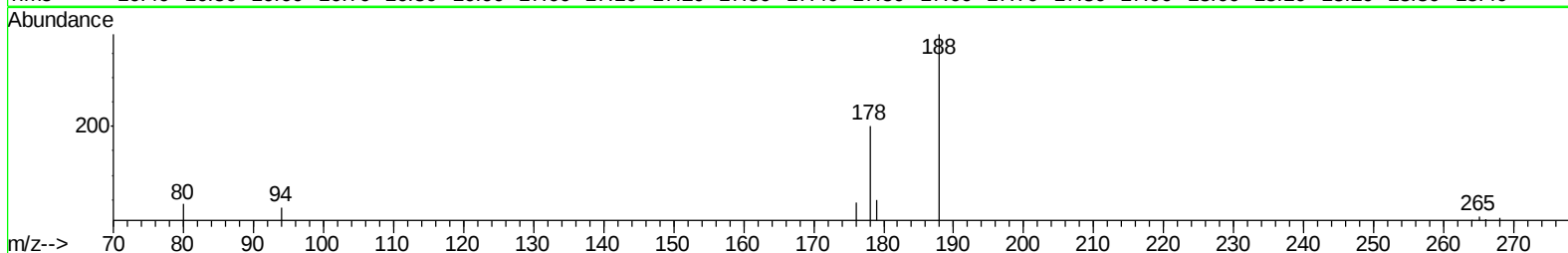
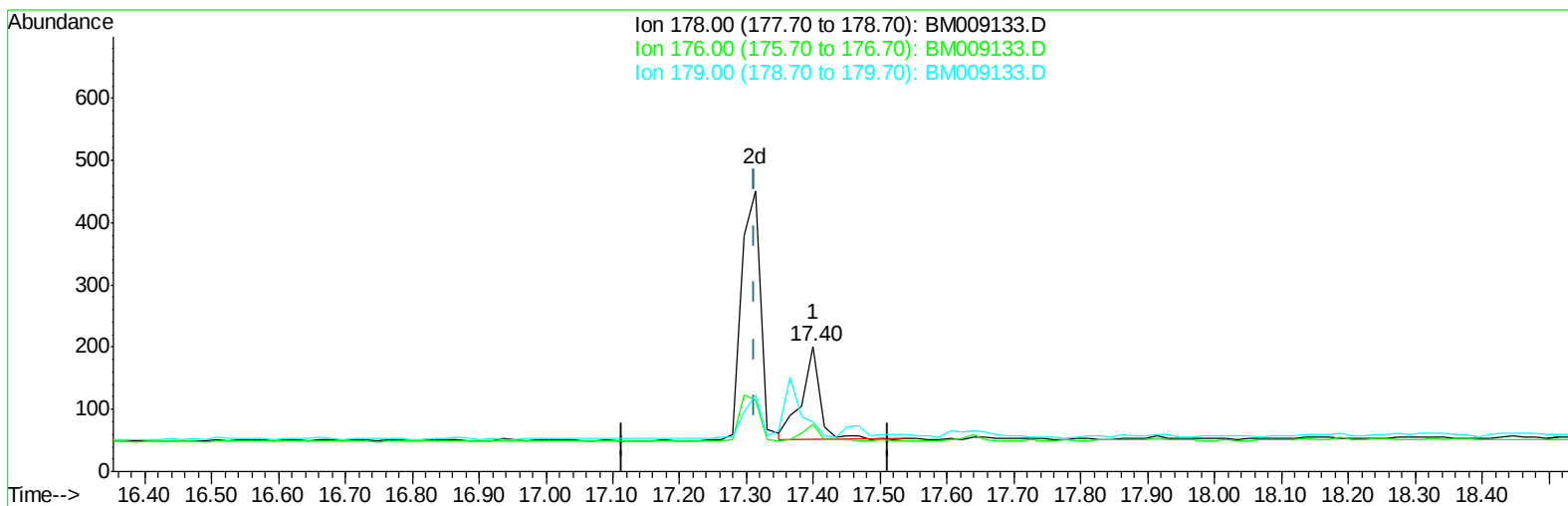
17.262min (+0.000) 0.40ng/ul m

response 1019

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.81#
80.00	11.80	18.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:19:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(12) Phenanthrene

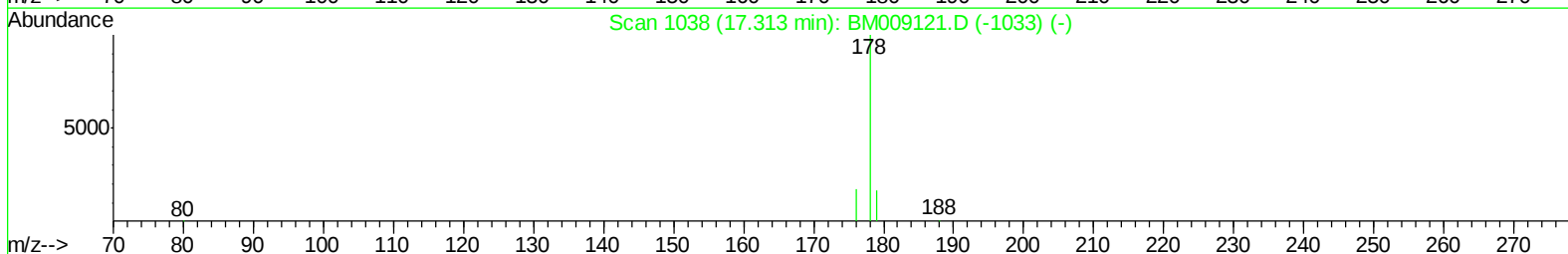
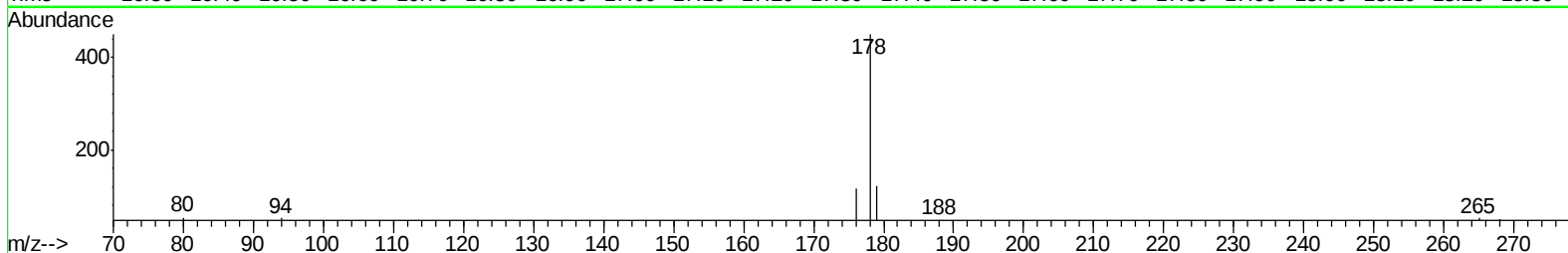
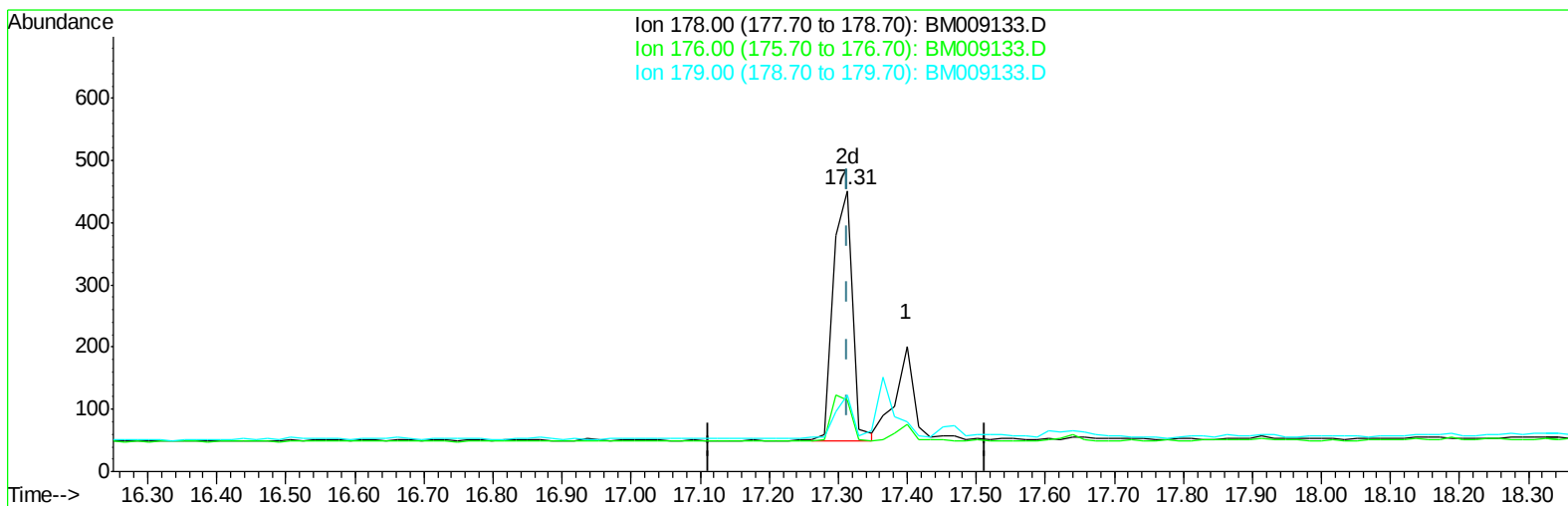
17.399min (+0.086) 0.09ng/ul

response 278

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	37.81#
179.00	17.00	39.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:19:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(12) Phenanthrene

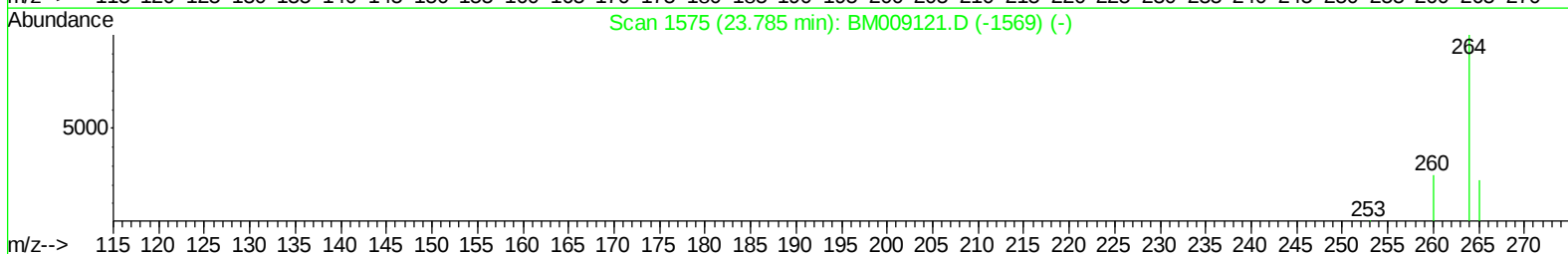
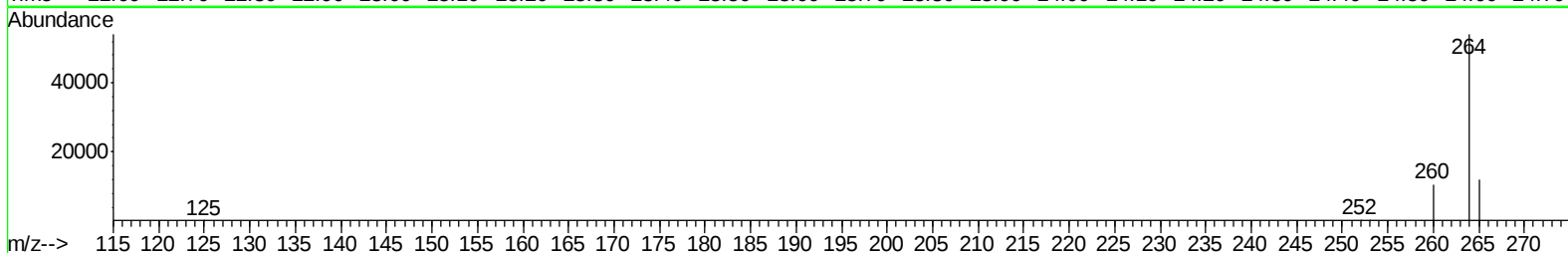
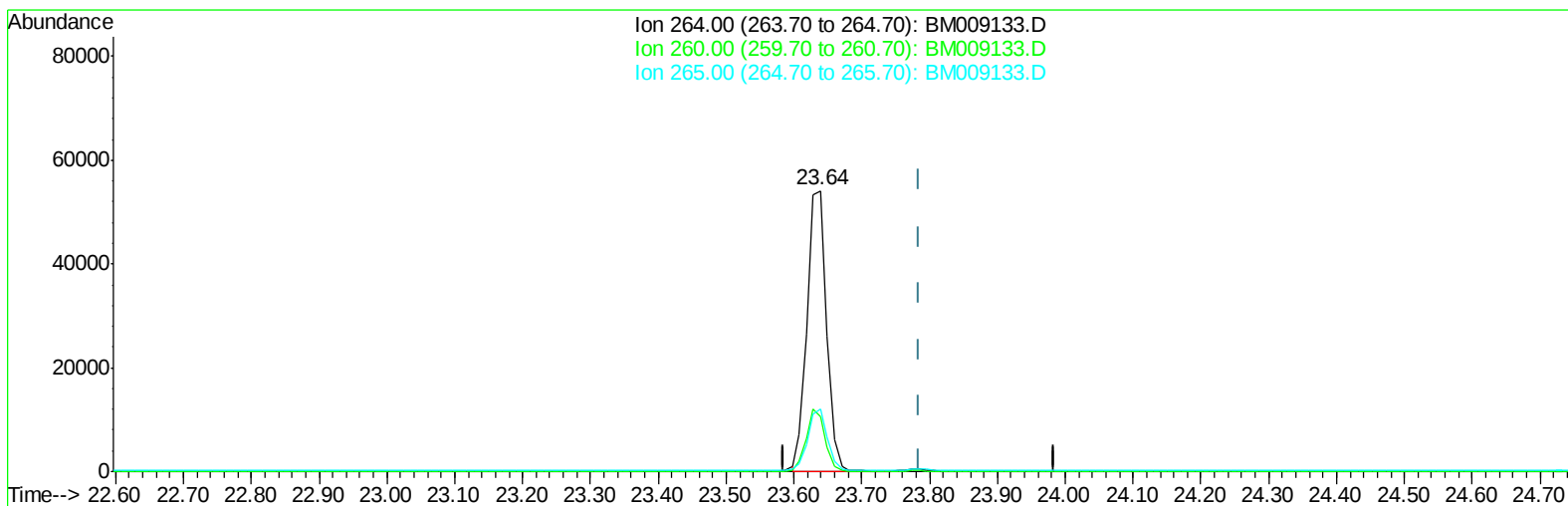
17.313min (+0.000) 0.25ng/ul m

response 799

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	25.50
179.00	17.00	27.27#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:19:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(20) Perylene-d12 (I)

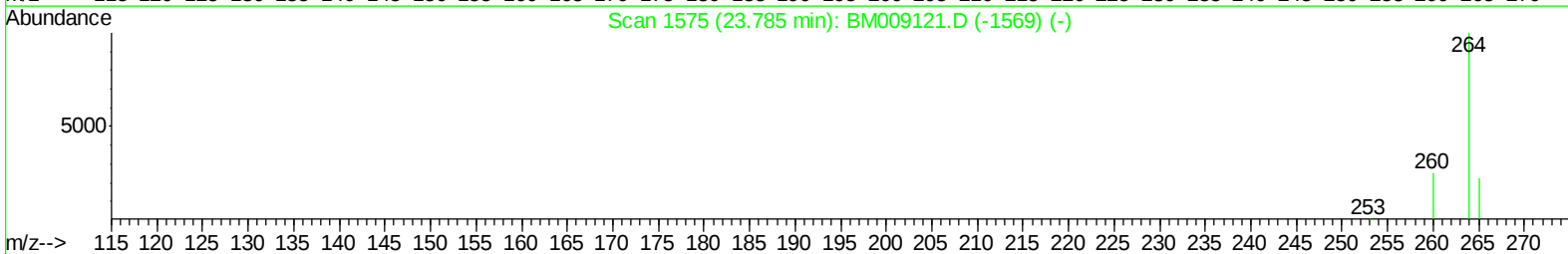
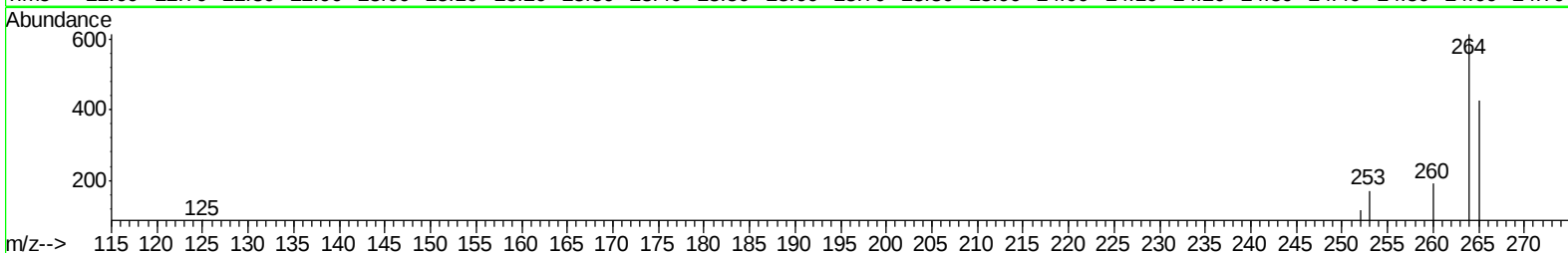
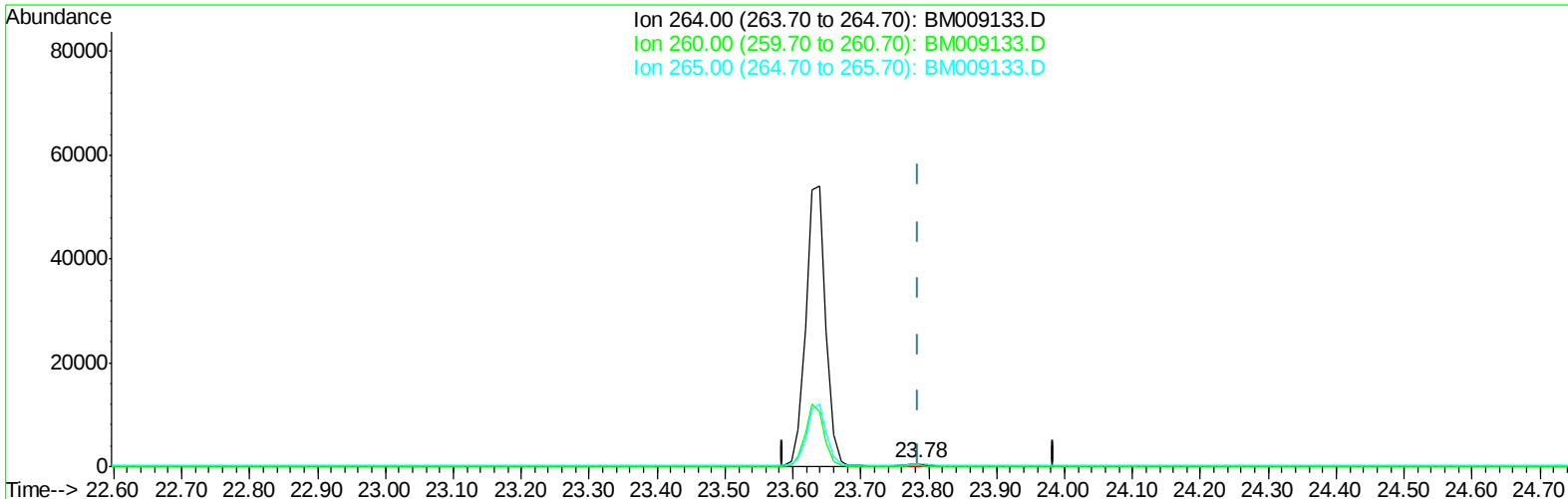
23.639min (-0.146) 0.40ng/ul

response 108610

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	19.75#
265.00	103.50	22.29#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:19:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(20) Perylene-d12 (I)

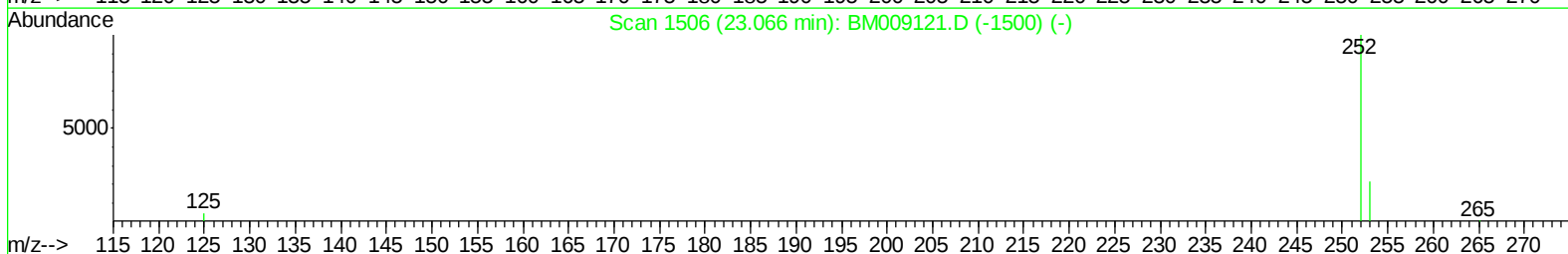
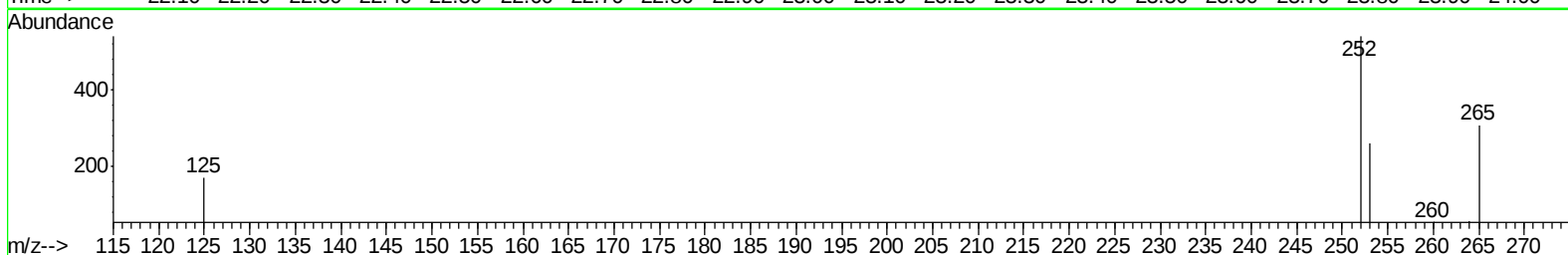
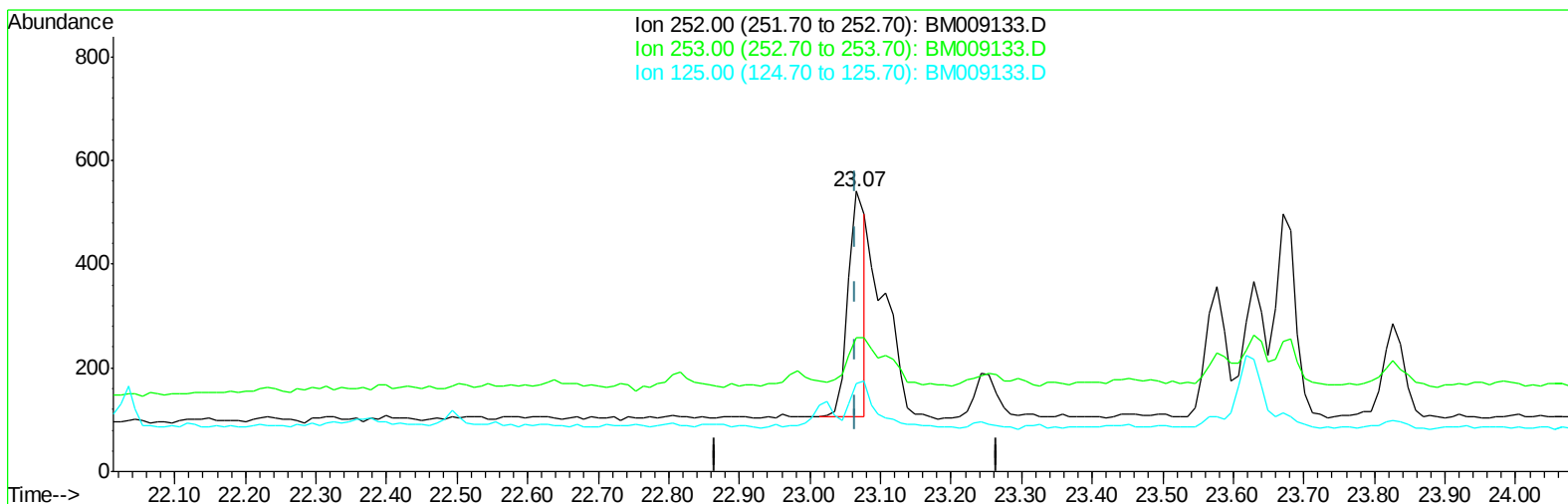
23.785min (+0.000) 0.40ng/ul m

response 1013

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	31.00
265.00	103.50	69.66#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(21) Benzo(b)fluoranthene

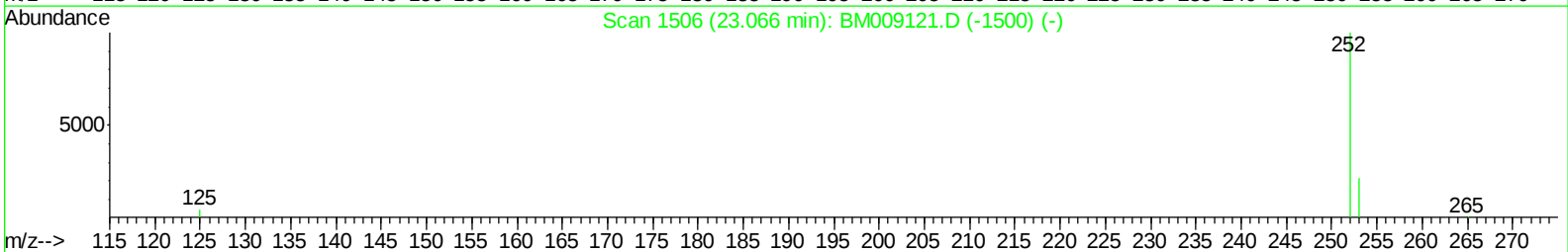
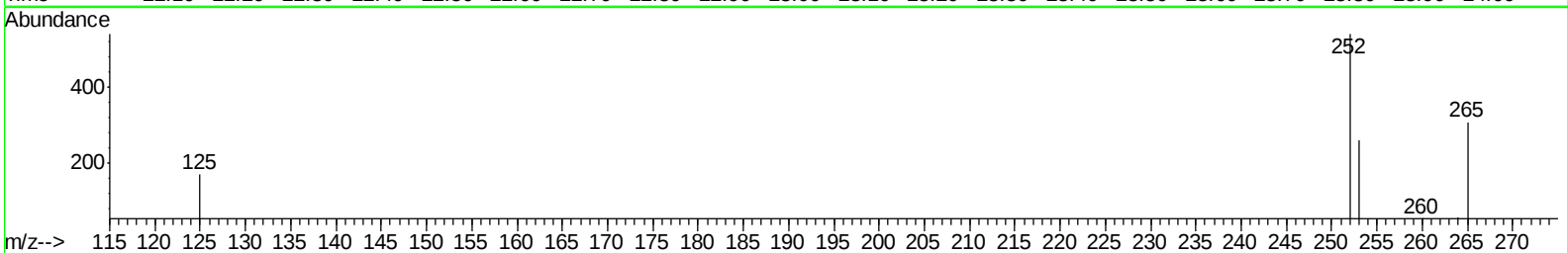
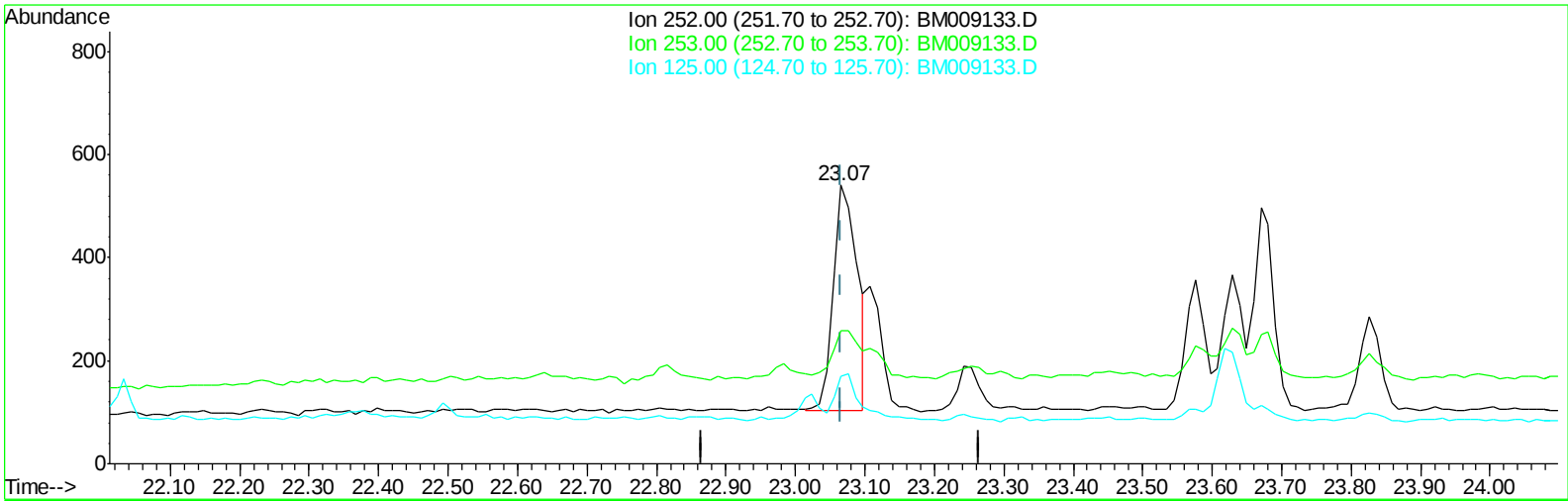
23.066min (+0.000) 0.19ng/ul

response 742

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	47.87
125.00	17.50	31.24
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(21) Benzo(b)fluoranthene

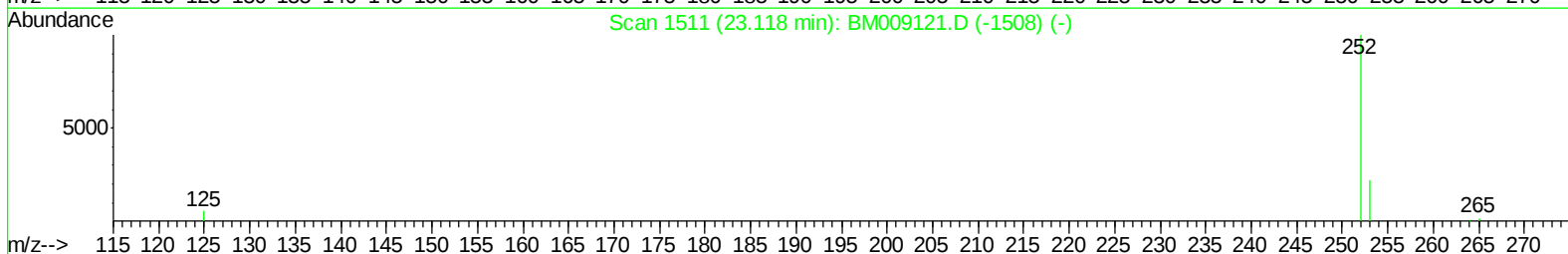
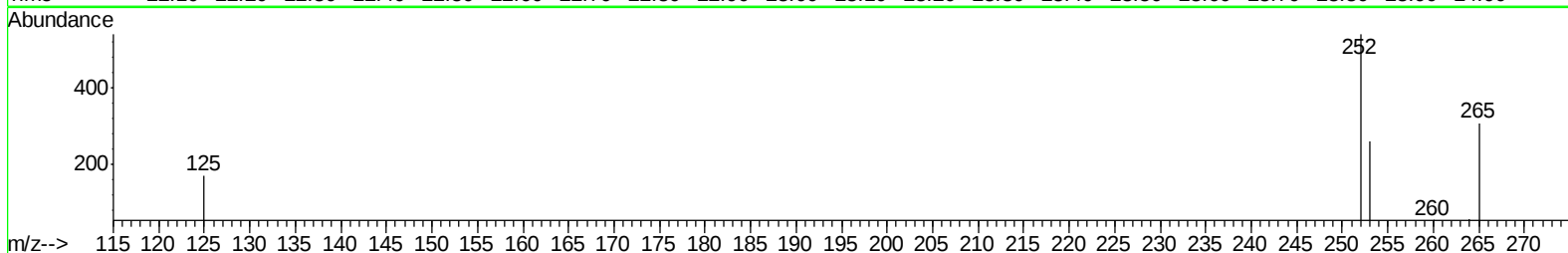
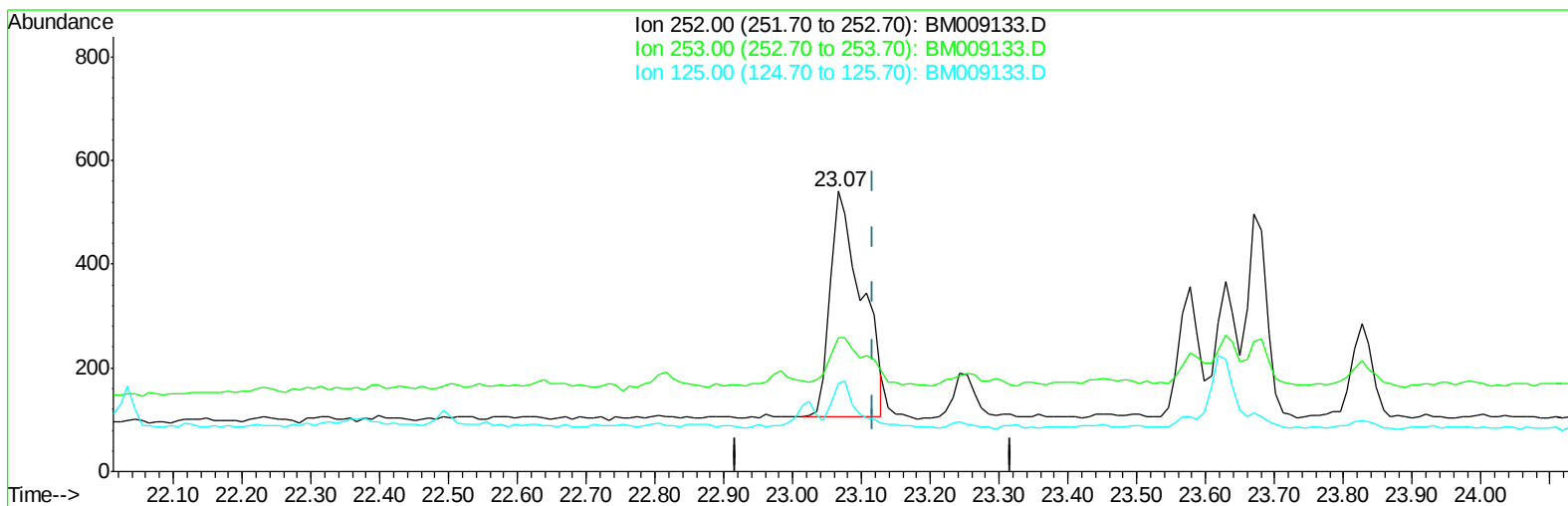
23.066min (+0.000) 0.27ng/ul m

response 1069

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	47.87
125.00	17.50	31.24
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(22) Benzo(k)fluoranthene

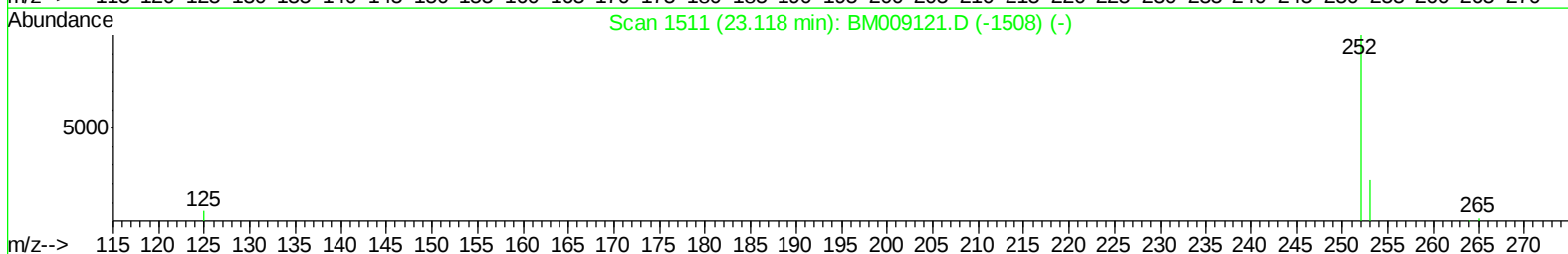
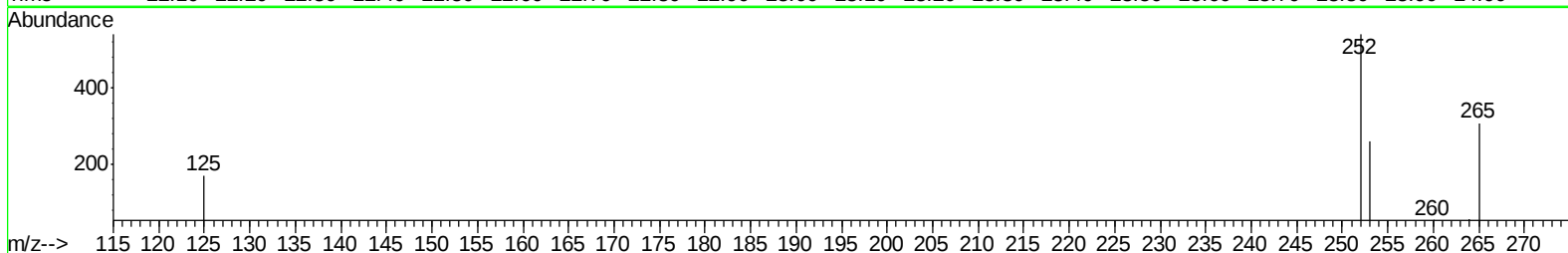
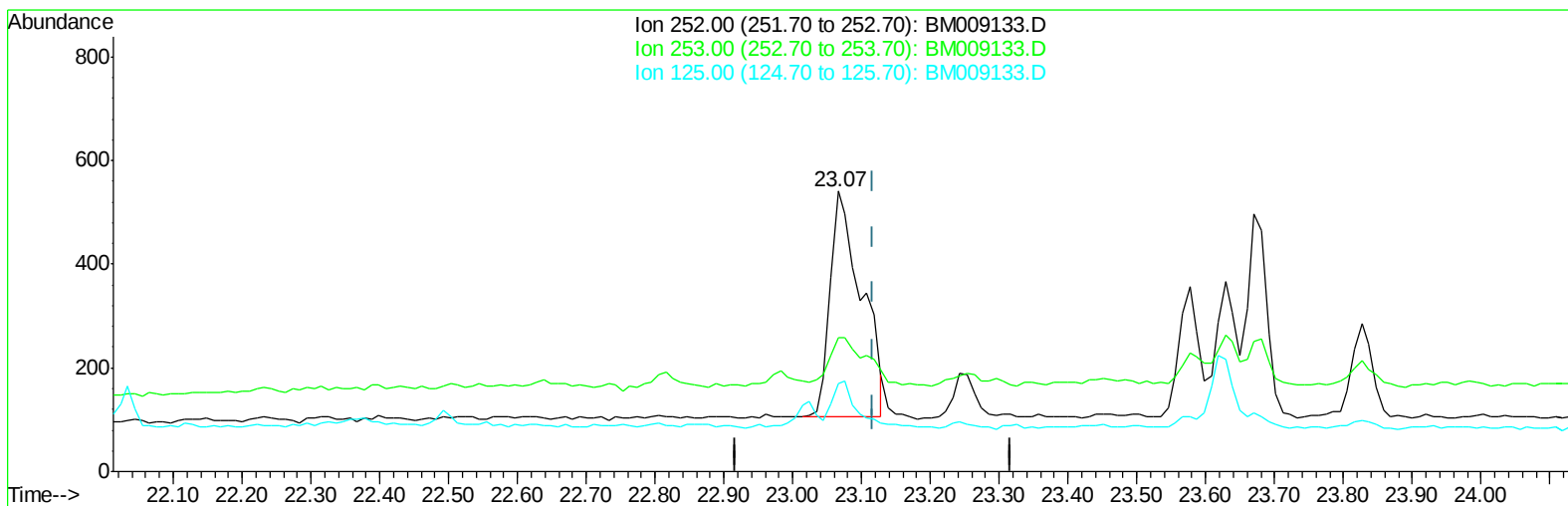
23.066min (-0.052) 0.39ng/ul

response 1389

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	47.87#
125.00	17.10	31.24#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(22) Benzo(k)fluoranthene

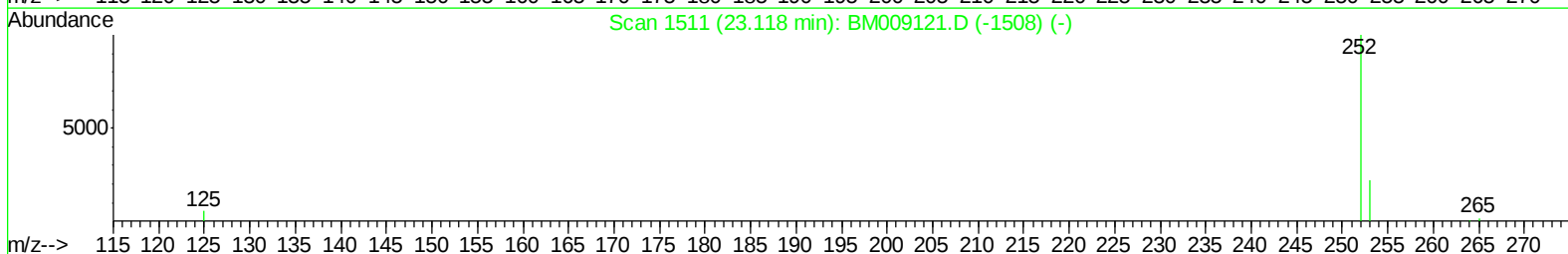
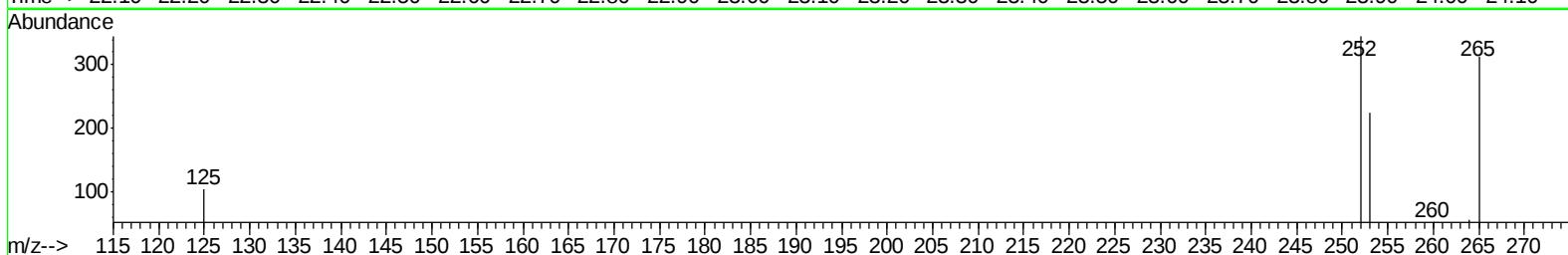
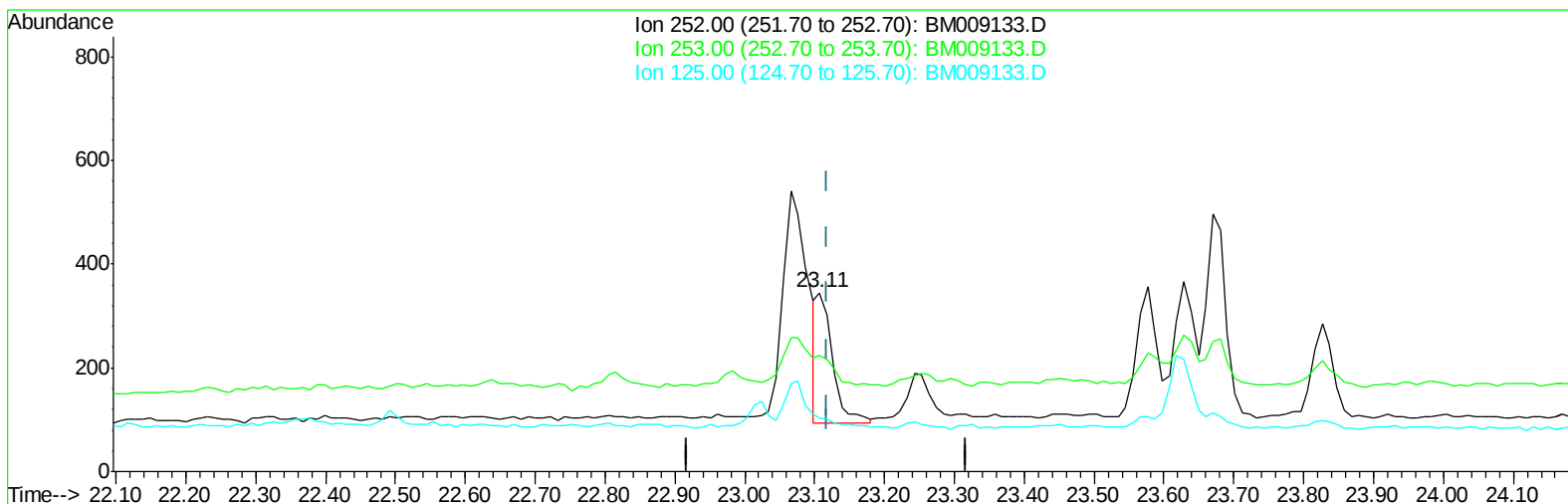
23.066min (-0.052) 0.39ng/ul

response 1389

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	47.87#
125.00	17.10	31.24#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(22) Benzo(k)fluoranthene

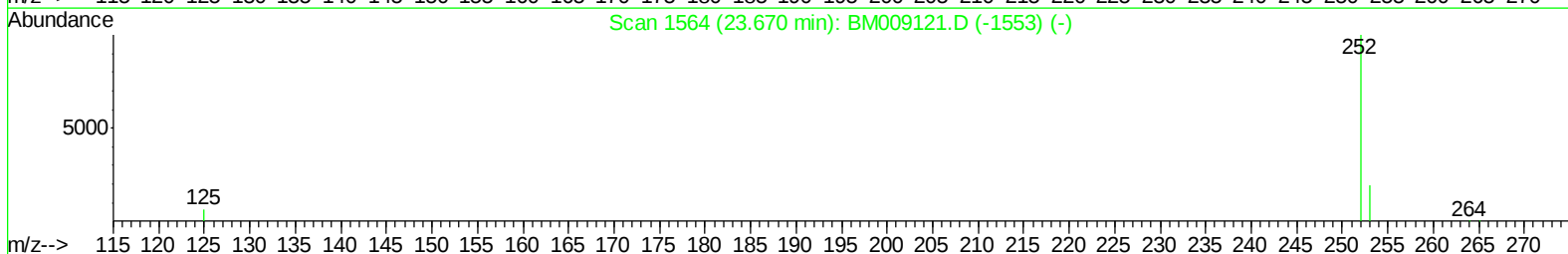
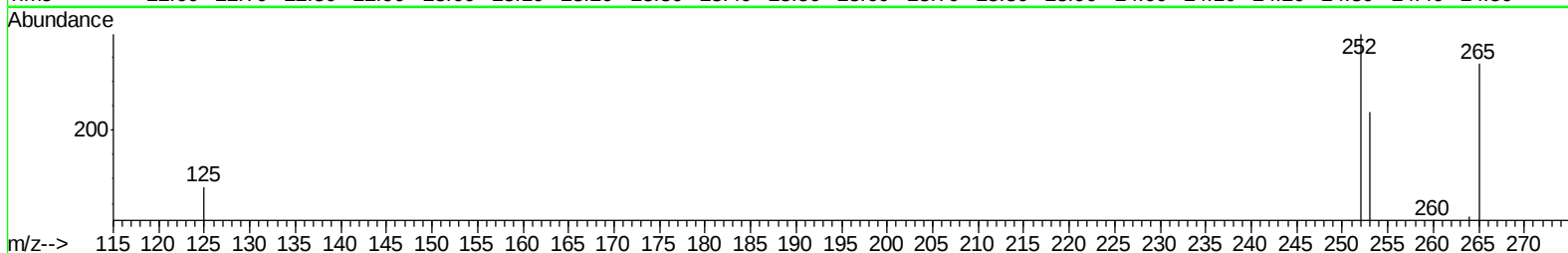
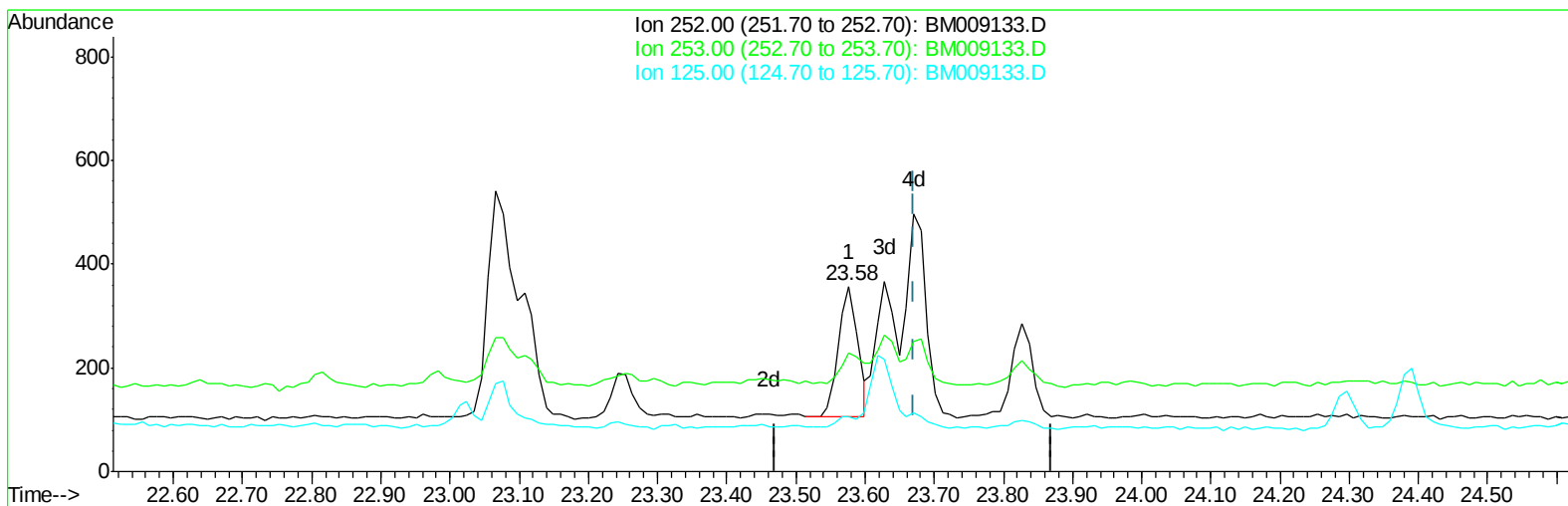
23.107min (-0.010) 0.11ng/ul m

response 397

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	65.22#
125.00	17.10	30.14#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(23) Benzo(a)pyrene (C)

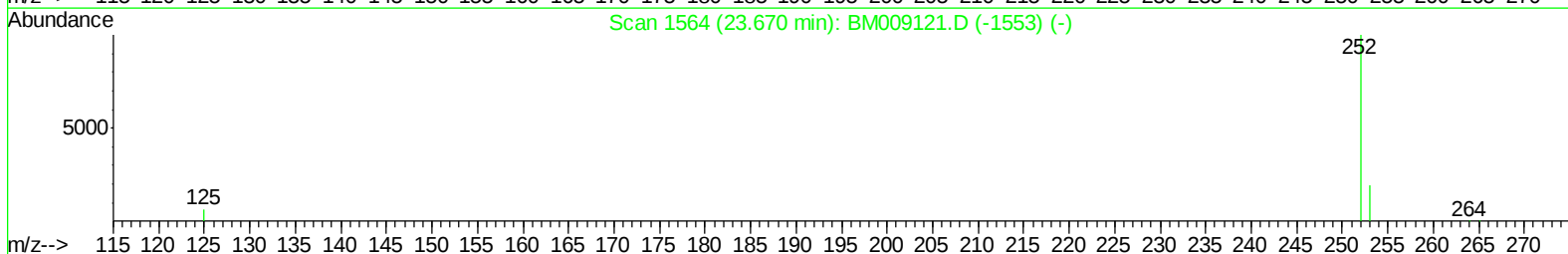
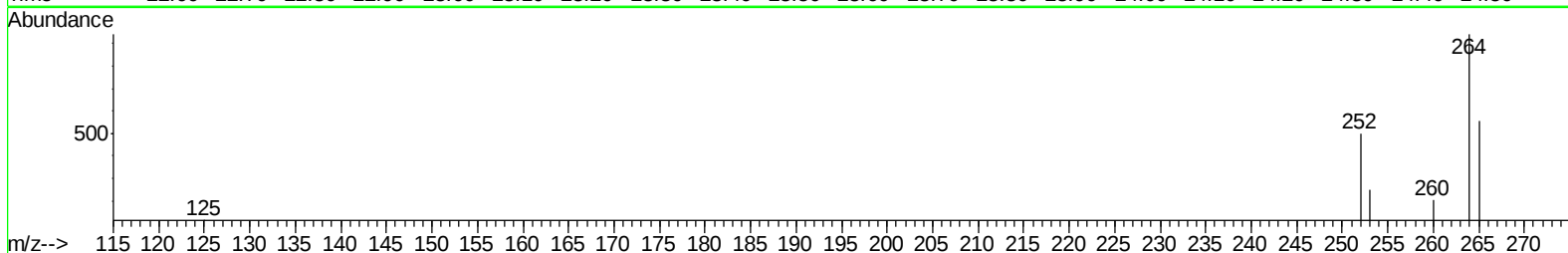
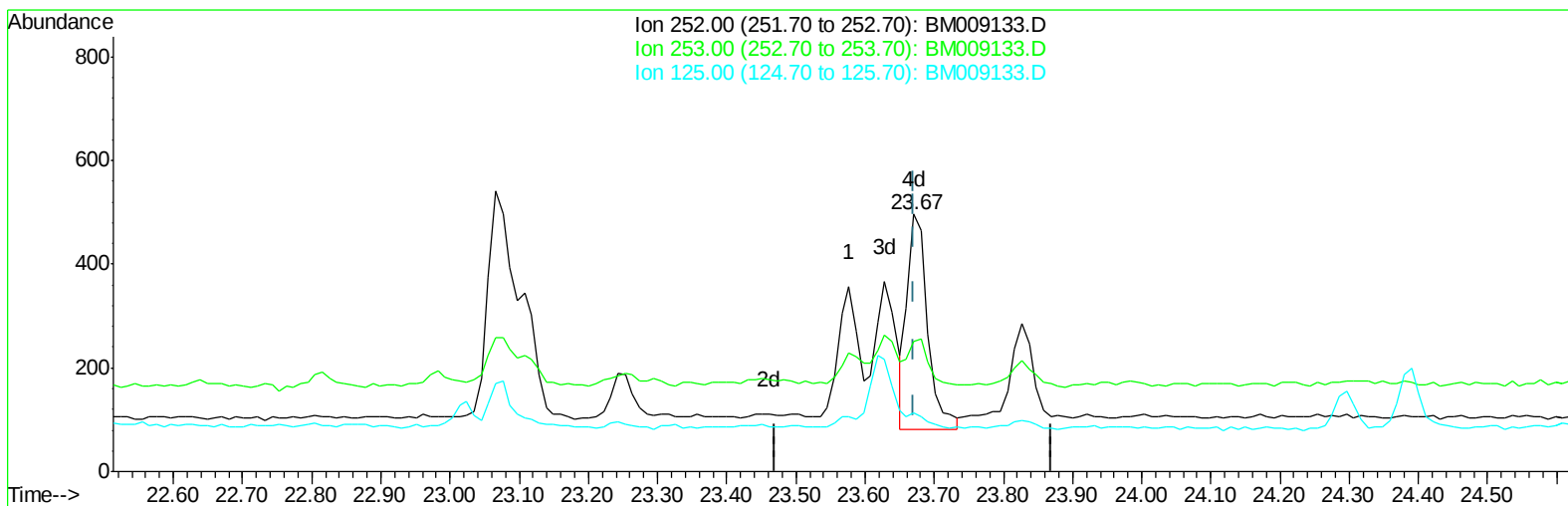
23.576min (-0.094) 0.14ng/ul

response 488

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	64.43#
125.00	22.60	29.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

(23) Benzo(a)pyrene (C)

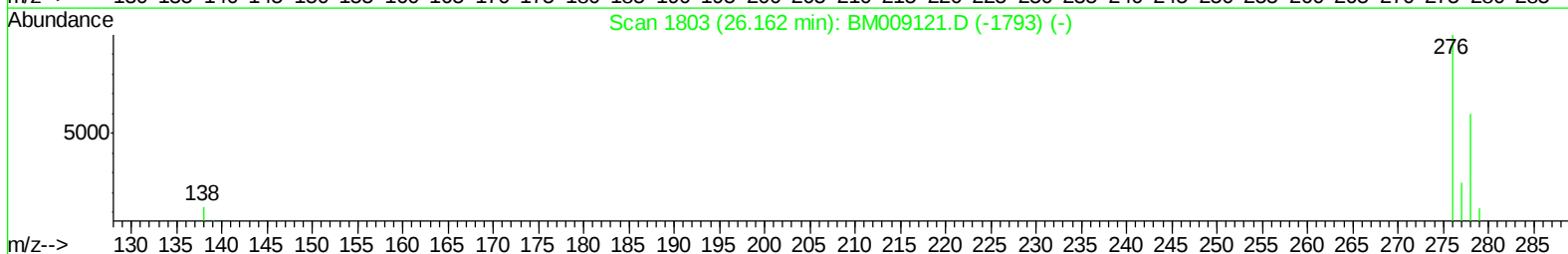
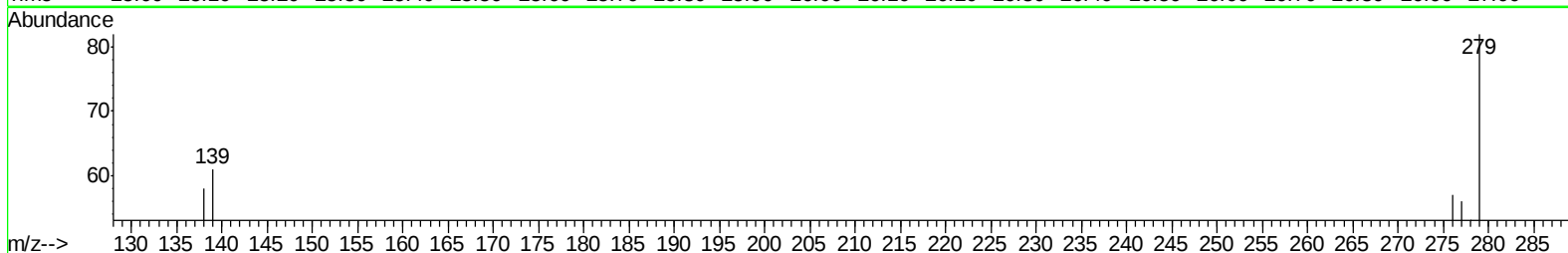
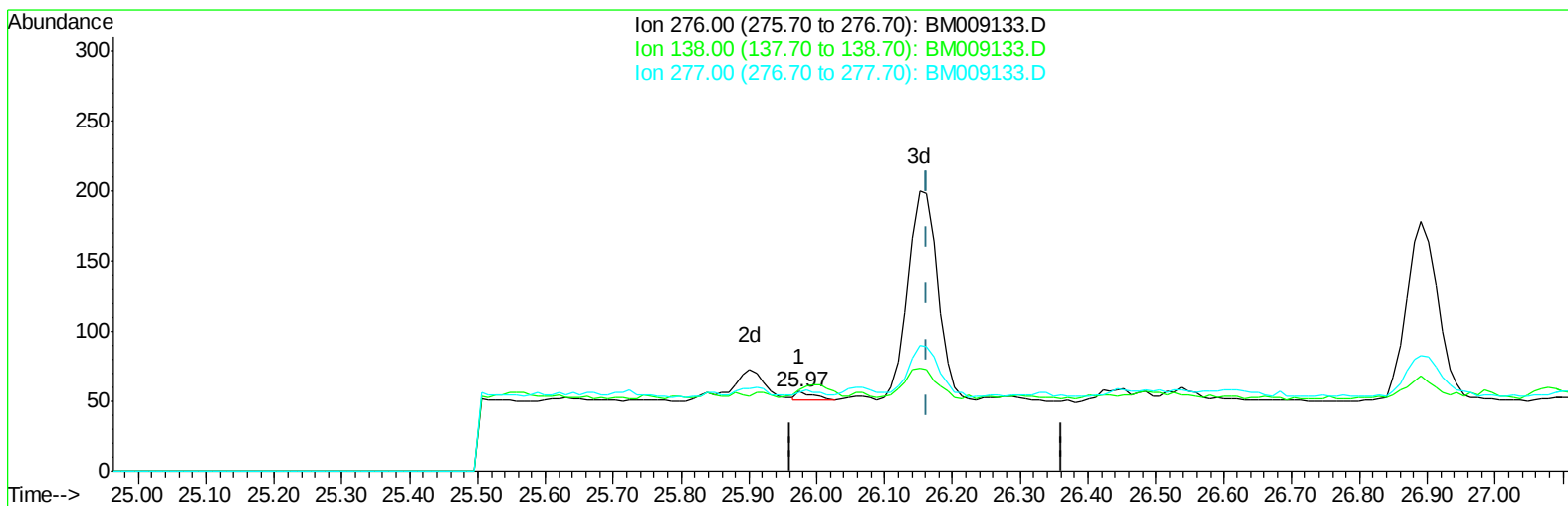
23.670min (+0.000) 0.24ng/ul m

response 856

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	50.50#
125.00	22.60	22.74
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

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

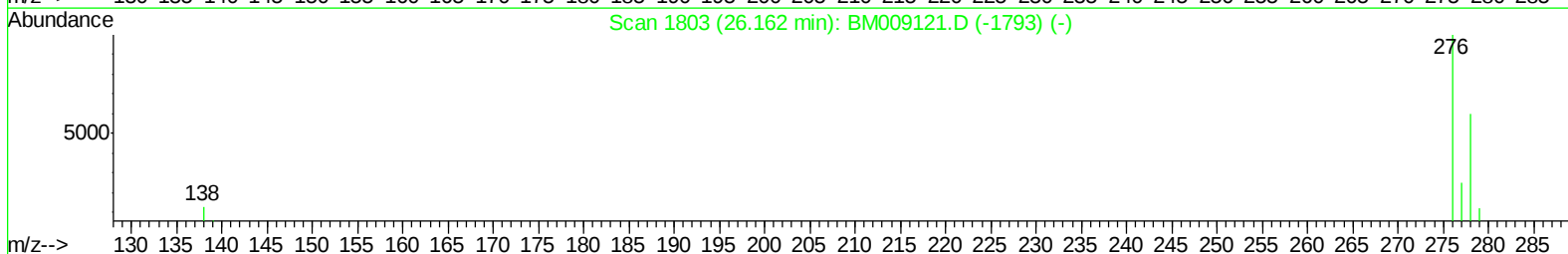
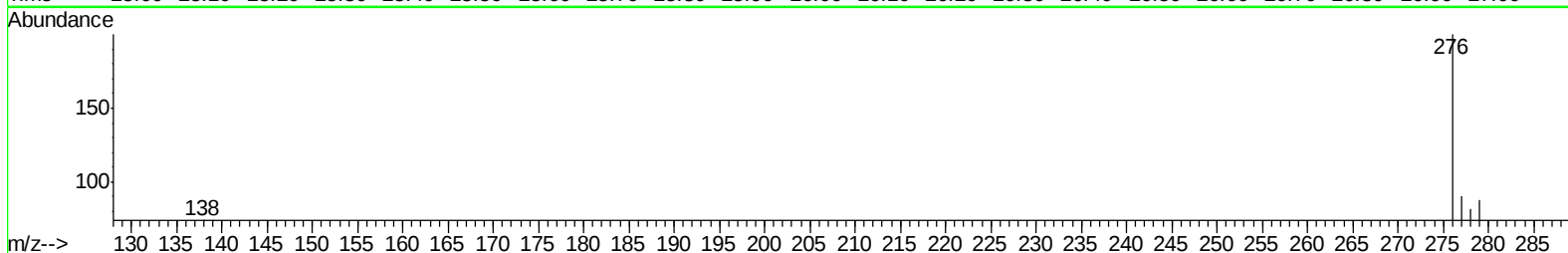
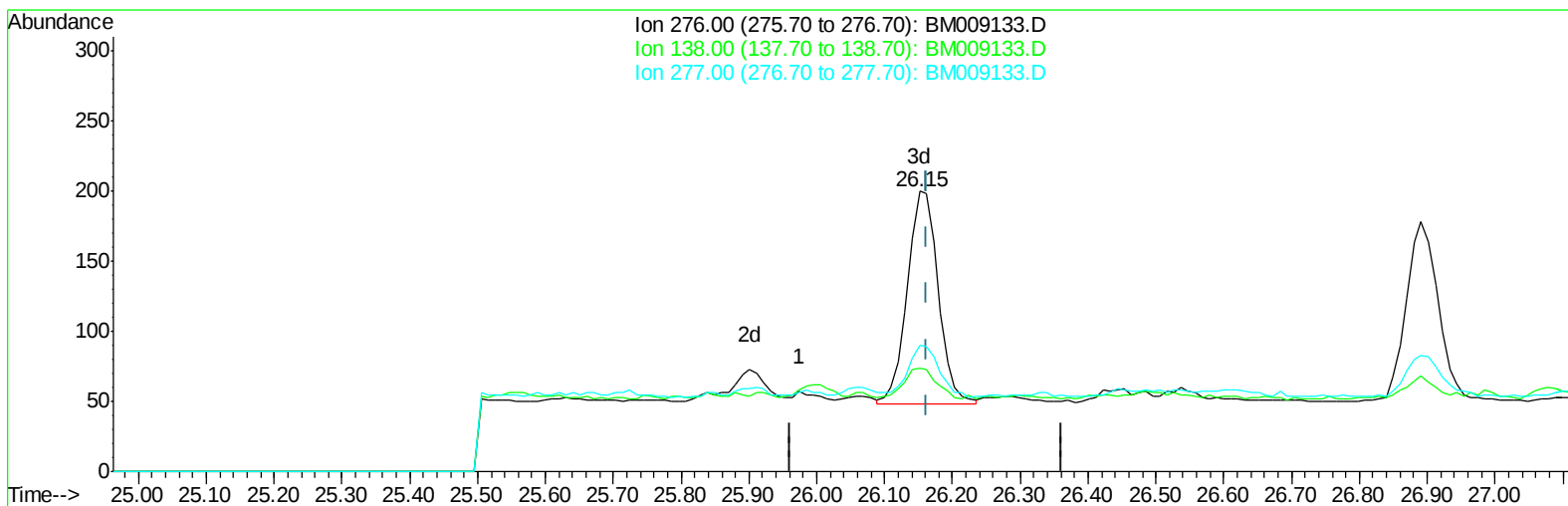
25.974min (-0.188) 0.00ng/ul

response 11

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

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

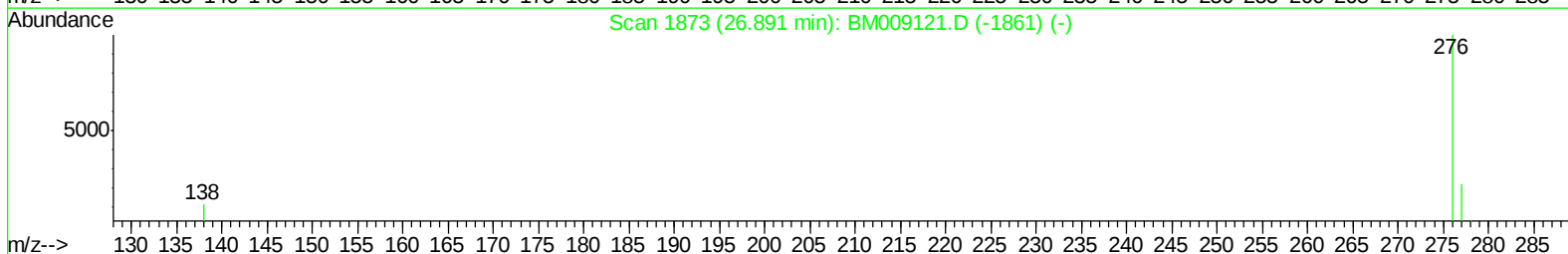
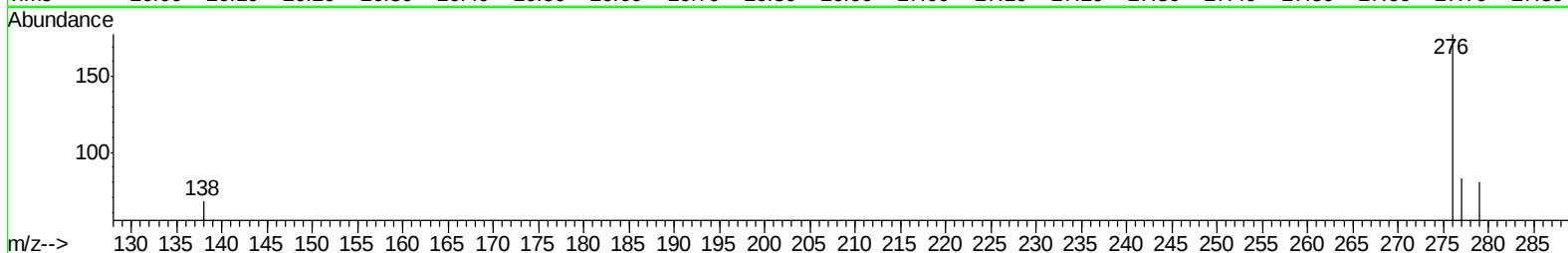
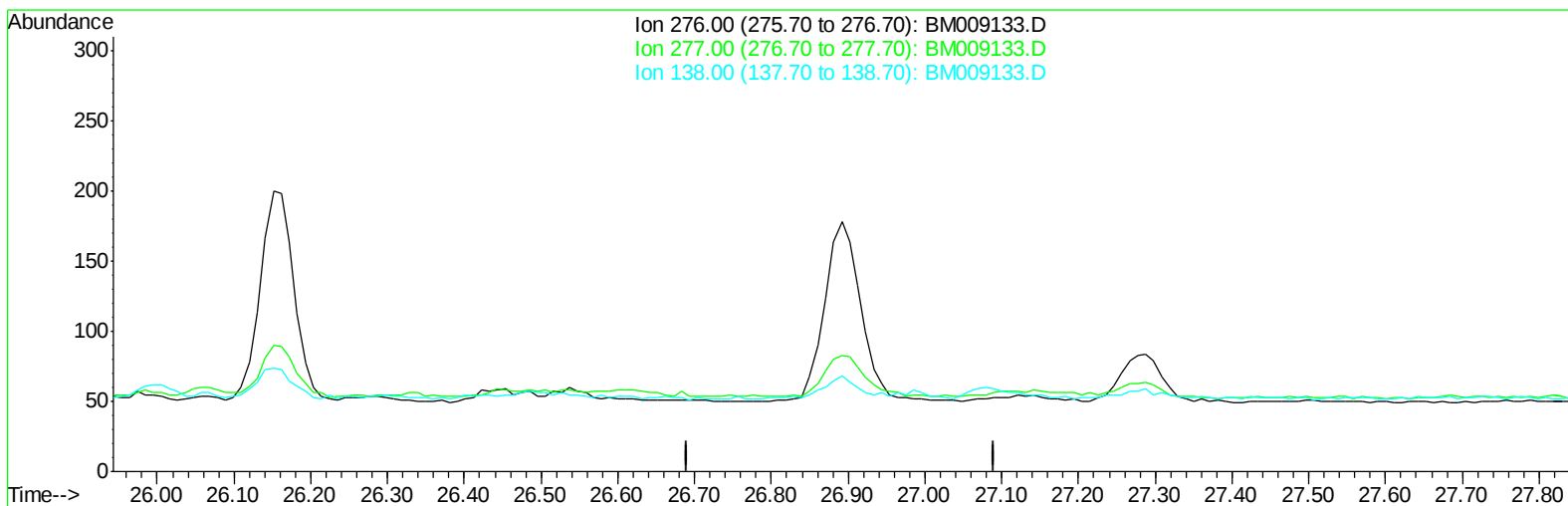
26.151min (-0.010) 0.11ng/ul m

response 480

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

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

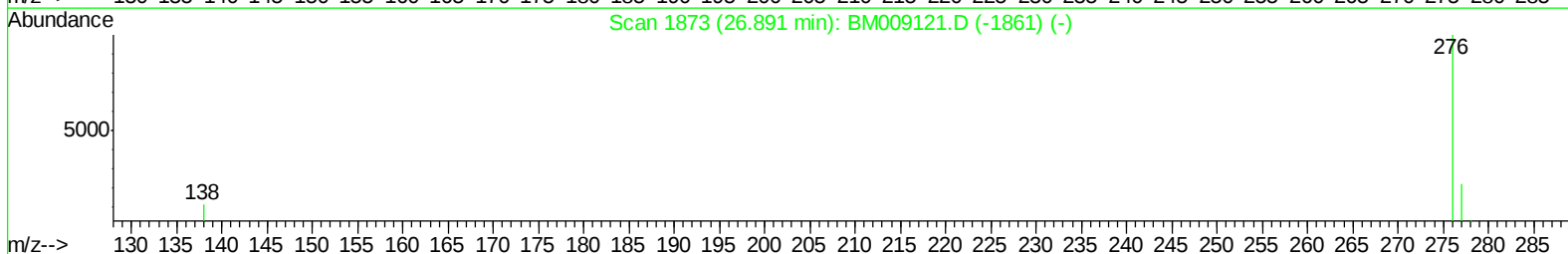
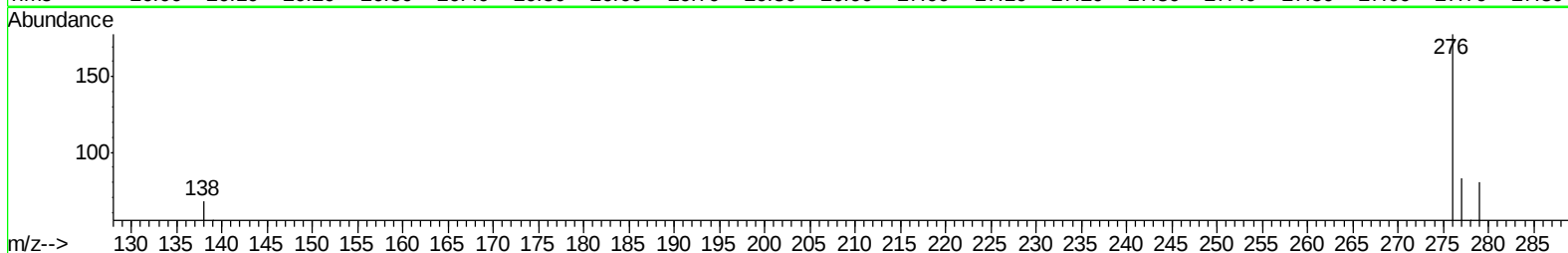
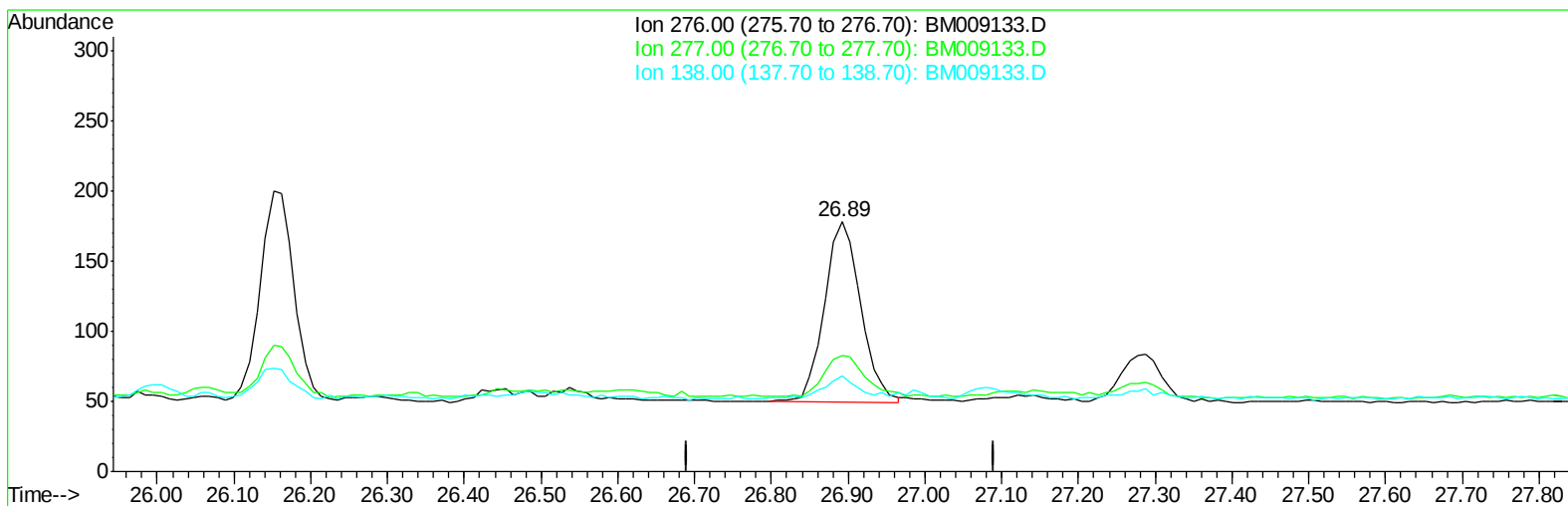
26.891min (-26.891) 0.00ng/ul

response 0

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:20:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration



TIC: BM009133.D

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

26.891min (+0.000) 0.11ng/ul m

response 430

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	46.63#
138.00	25.60	38.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
 Data File : BM009133.D
 Acq On : 09 Mar 2017 07:34
 Operator : SJ/MA
 Sample : I2069-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 09 10:24:20 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 02:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	231	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	725	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	466	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1019m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1230	0.40	ng/ul	-0.01
20) Perylene-d12	23.78	264	1013m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	434	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1216	0.38	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) 2-Methylnaphthalene	12.34	142	100	0.07	ng/ul	99
12) Phenanthrene	17.31	178	799m	0.25	ng/ul	
13) Anthracene	17.40	178	282	0.09	ng/ul#	61
15) Fluoranthene	19.33	202	1600	0.38	ng/ul	95
17) Pyrene	19.69	202	1668	0.39	ng/ul	96
18) Benzo(a)anthracene	21.42	228	935	0.23	ng/ul#	87
19) Chrysene	21.47	228	747	0.19	ng/ul#	83
21) Benzo(b)fluoranthene	23.07	252	1069m	0.27	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	397m	0.11	ng/ul	
23) Benzo(a)pyrene	23.67	252	856m	0.24	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	480m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	430m	0.11	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030817\
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