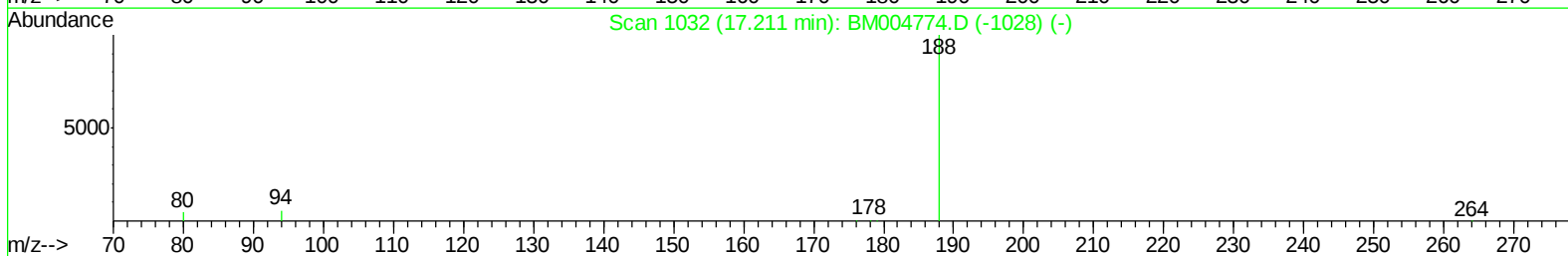
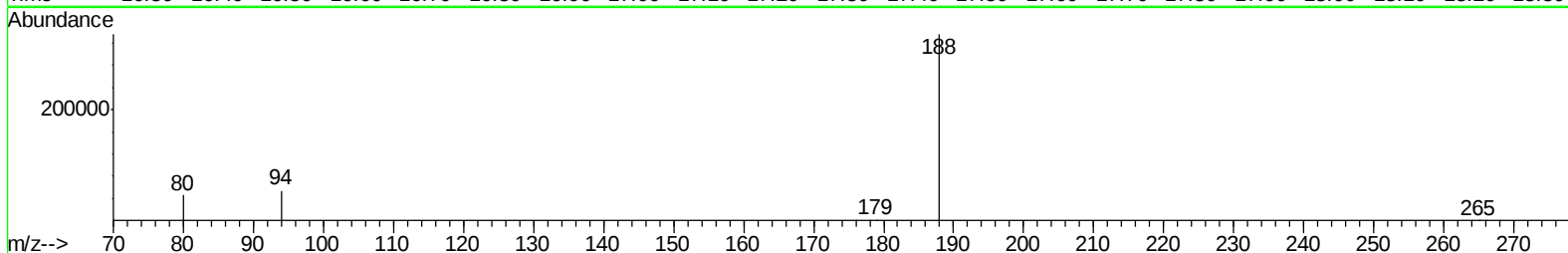
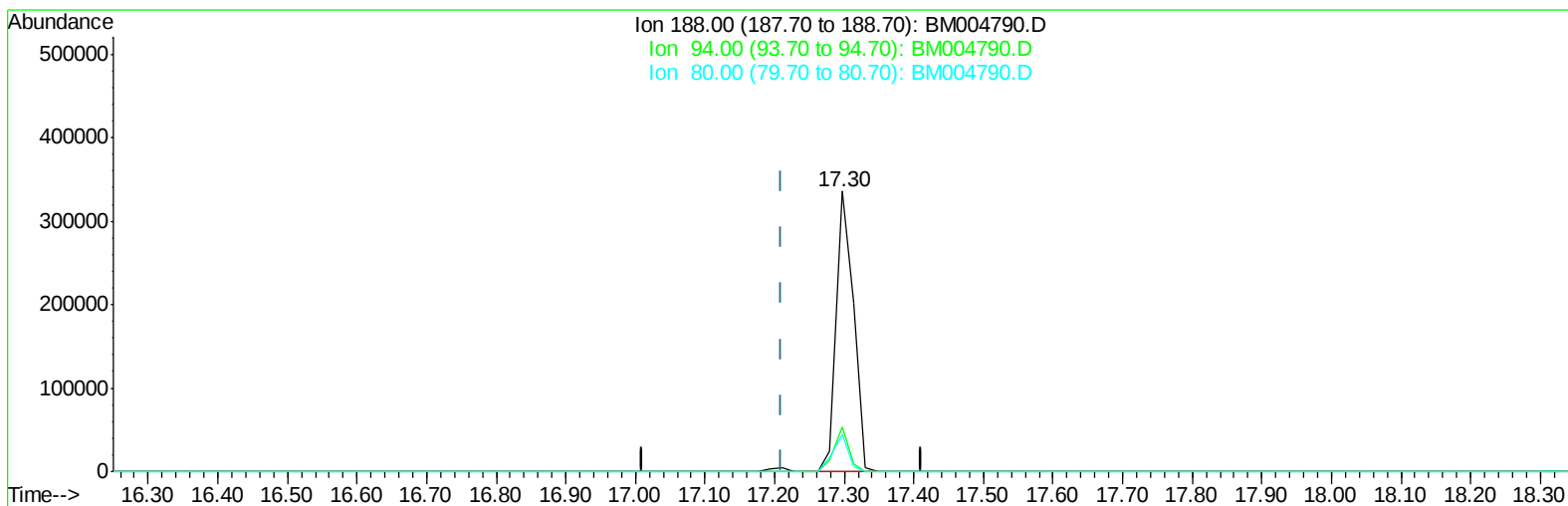


Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:36:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(12) Phenanthrene-d10 (I)

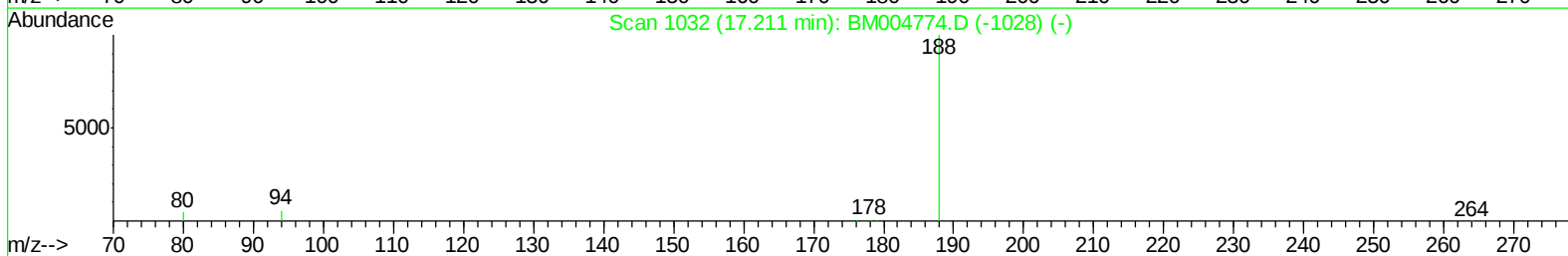
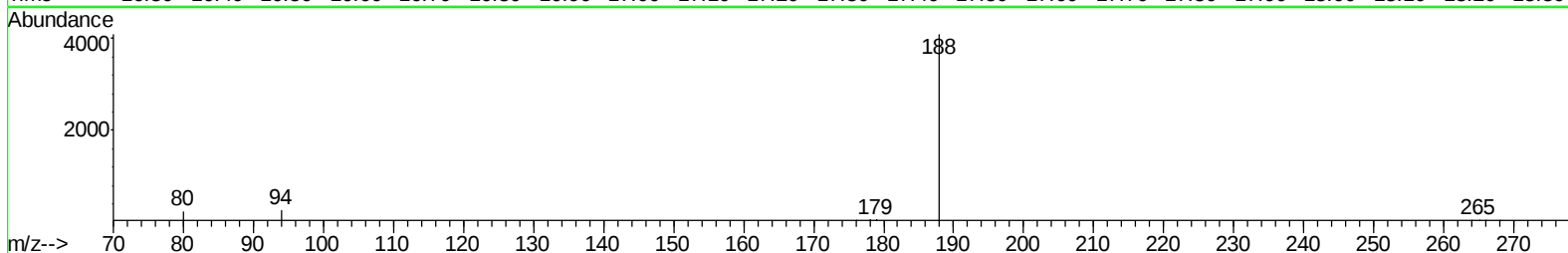
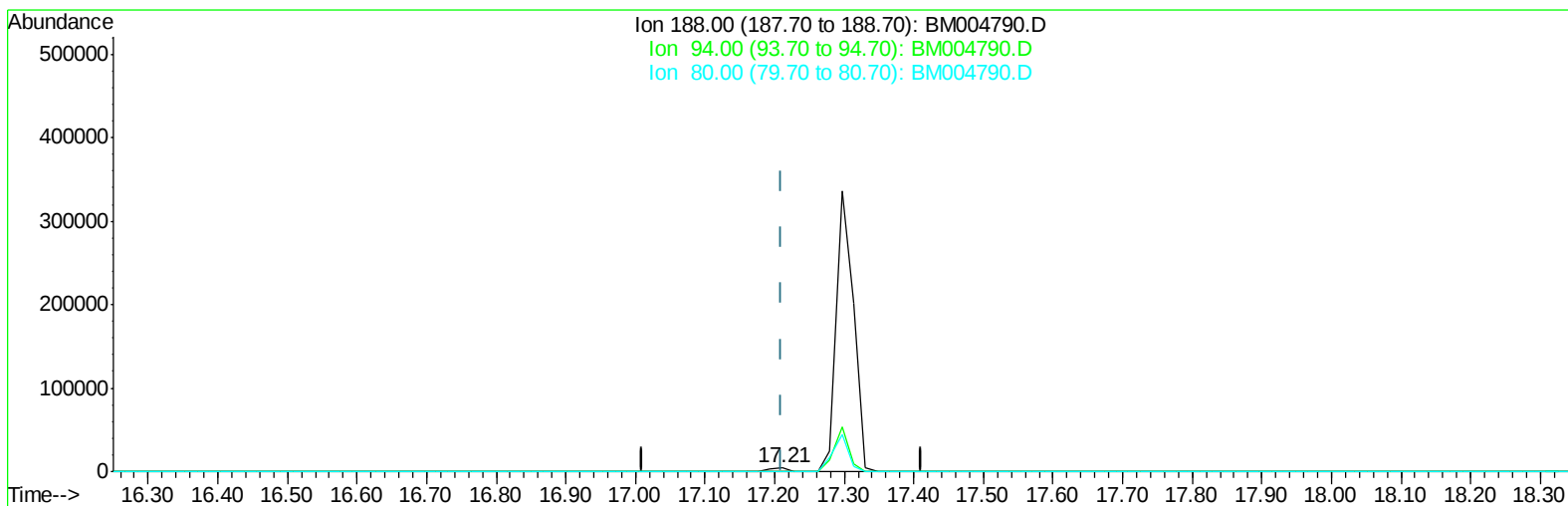
17.296min (+0.085) 0.40ng/ul

response 584432

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	16.09#
80.00	11.90	13.40
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:36:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(12) Phenanthrene-d10 (I)

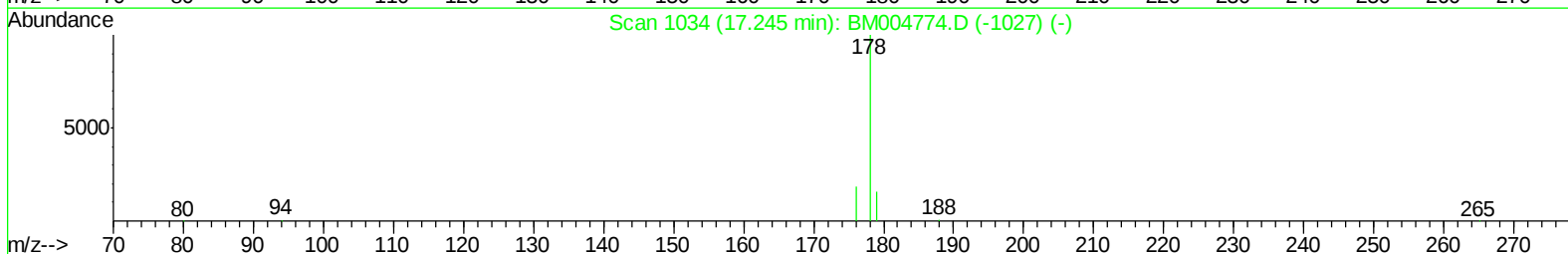
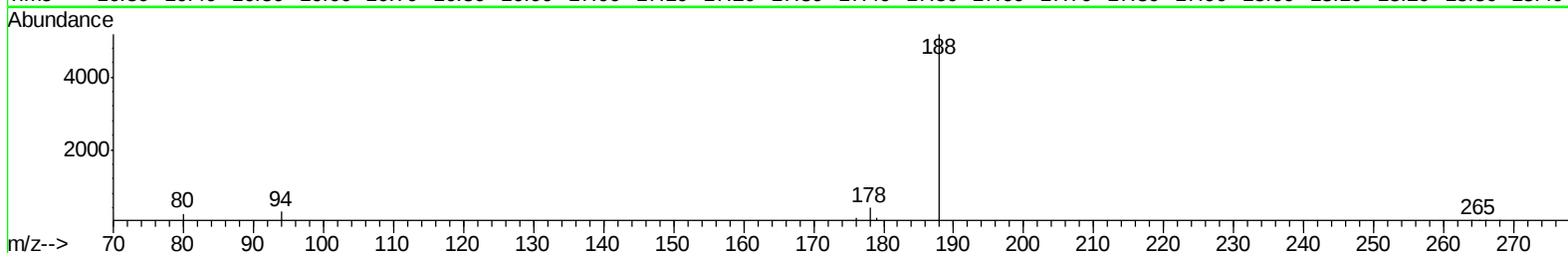
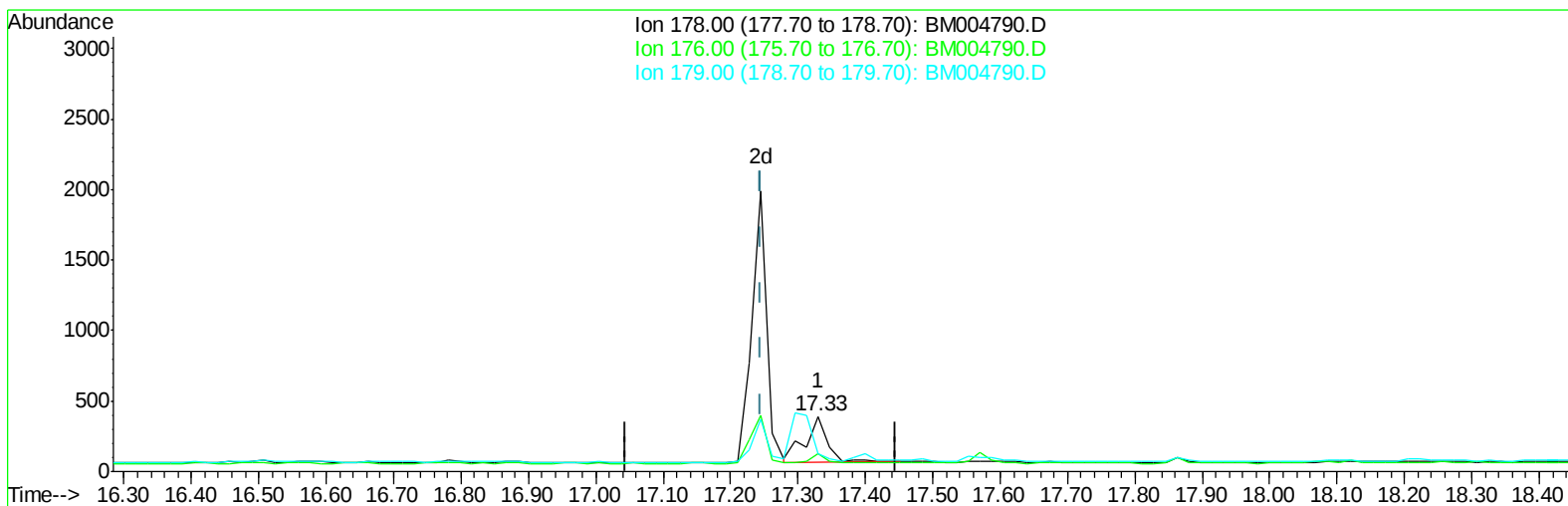
17.210min (-0.000) 0.40ng/ul m

response 8296

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	6.93#
80.00	11.90	6.10#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:36:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(14) Phenanthrene

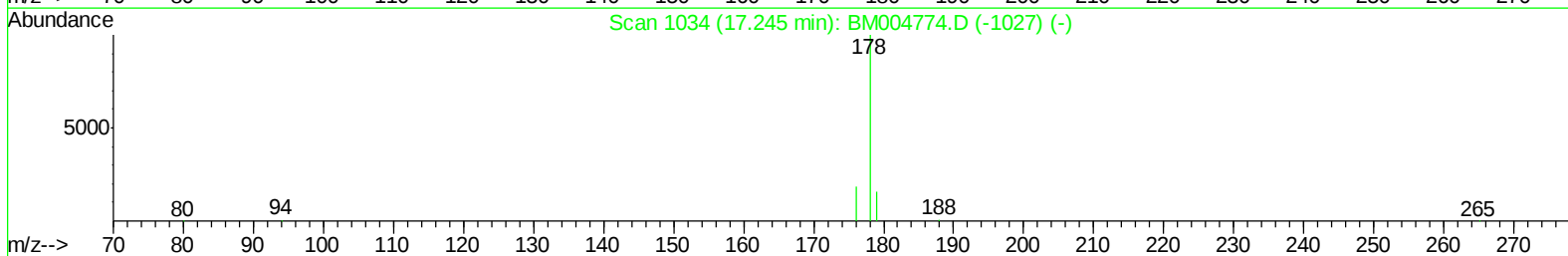
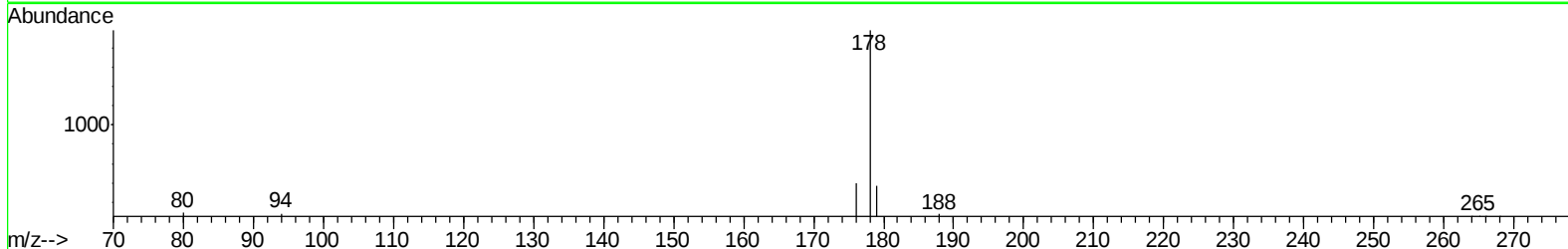
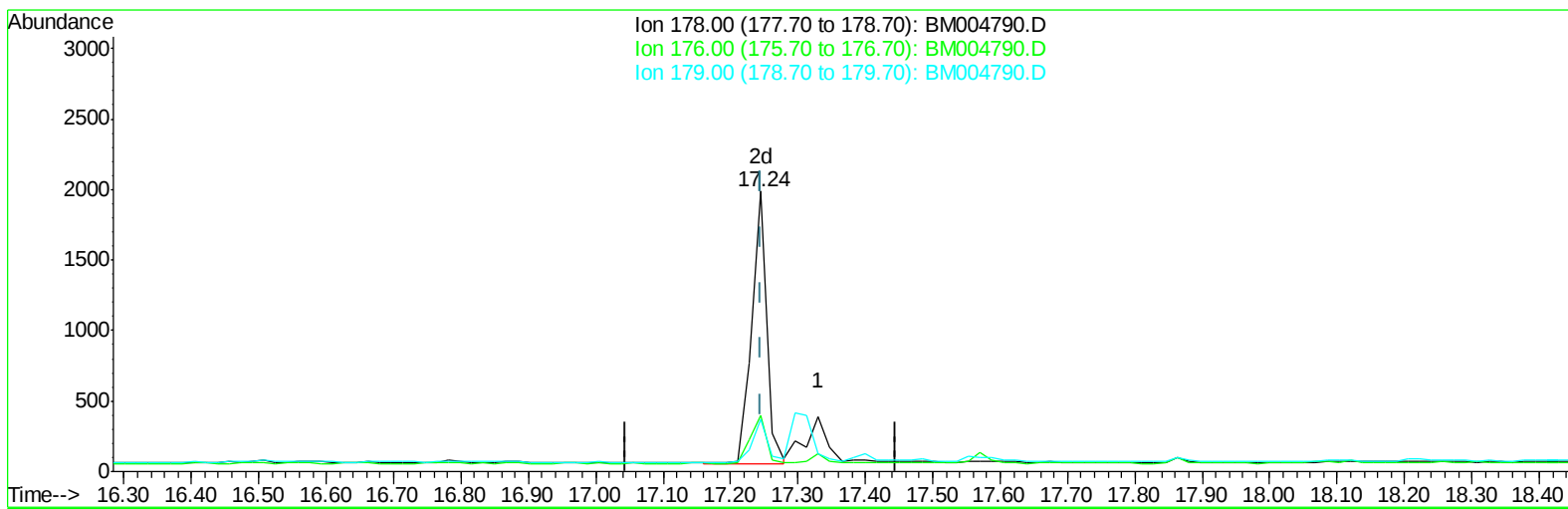
17.330min (+0.085) 0.03ng/ul

response 766

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	31.30#
179.00	17.70	32.57#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:36:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(14) Phenanthrene

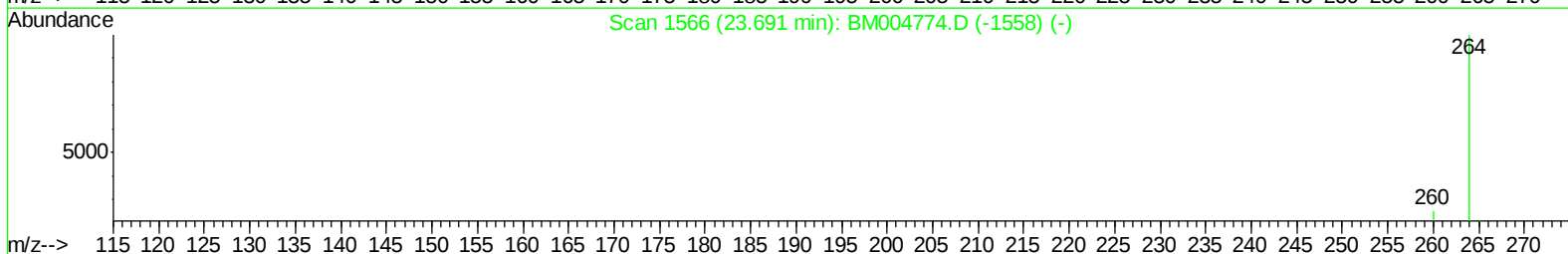
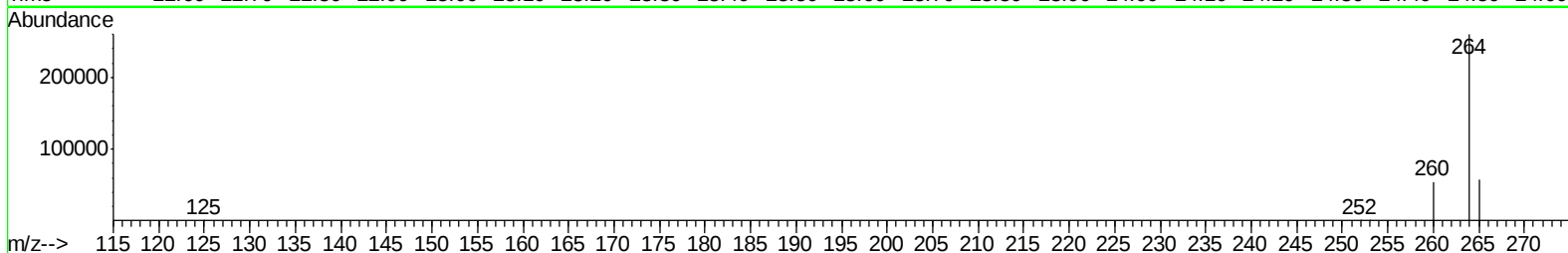
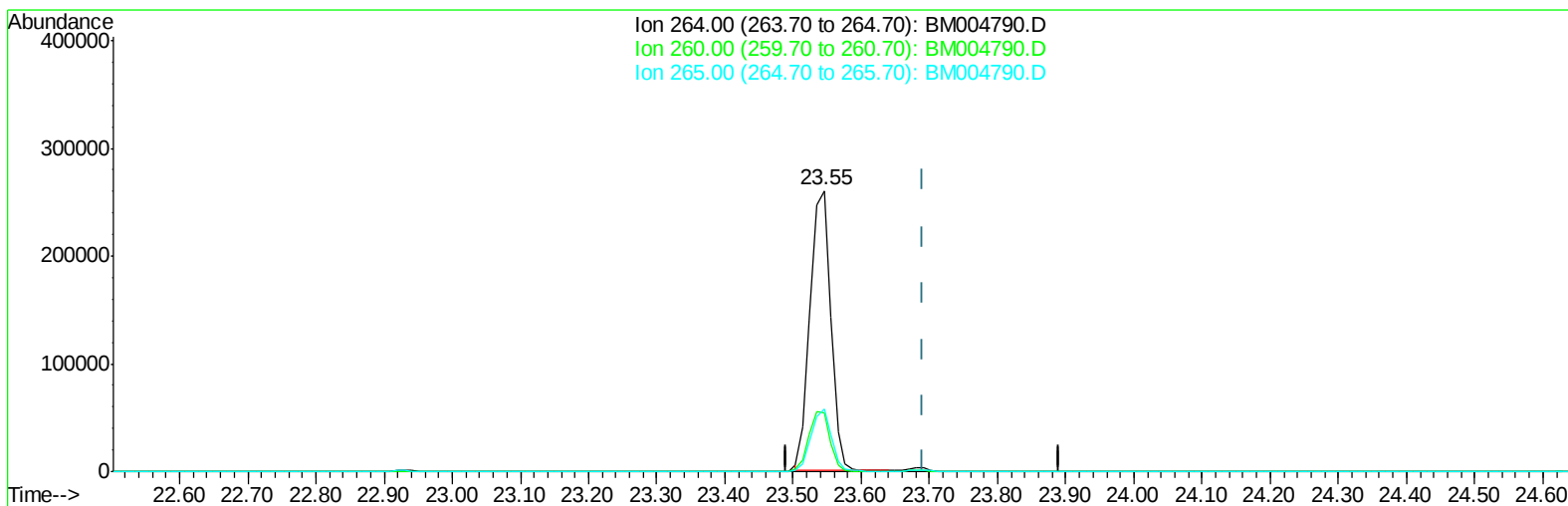
17.245min (-0.000) 0.13ng/ul m

response 3020

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.11#
179.00	17.70	18.70
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:36:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(22) Perylene-d12 (I)

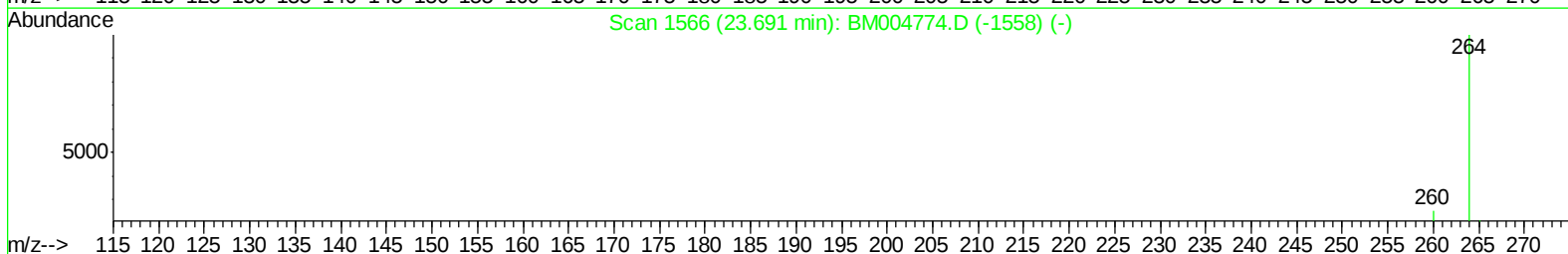
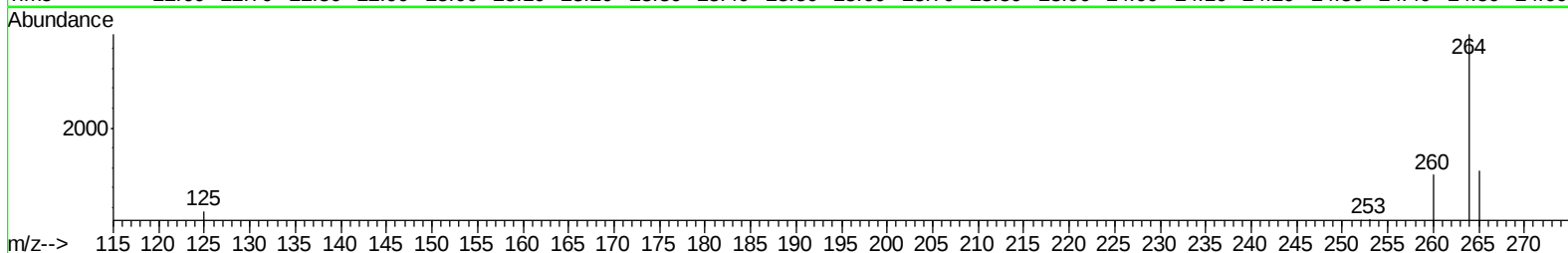
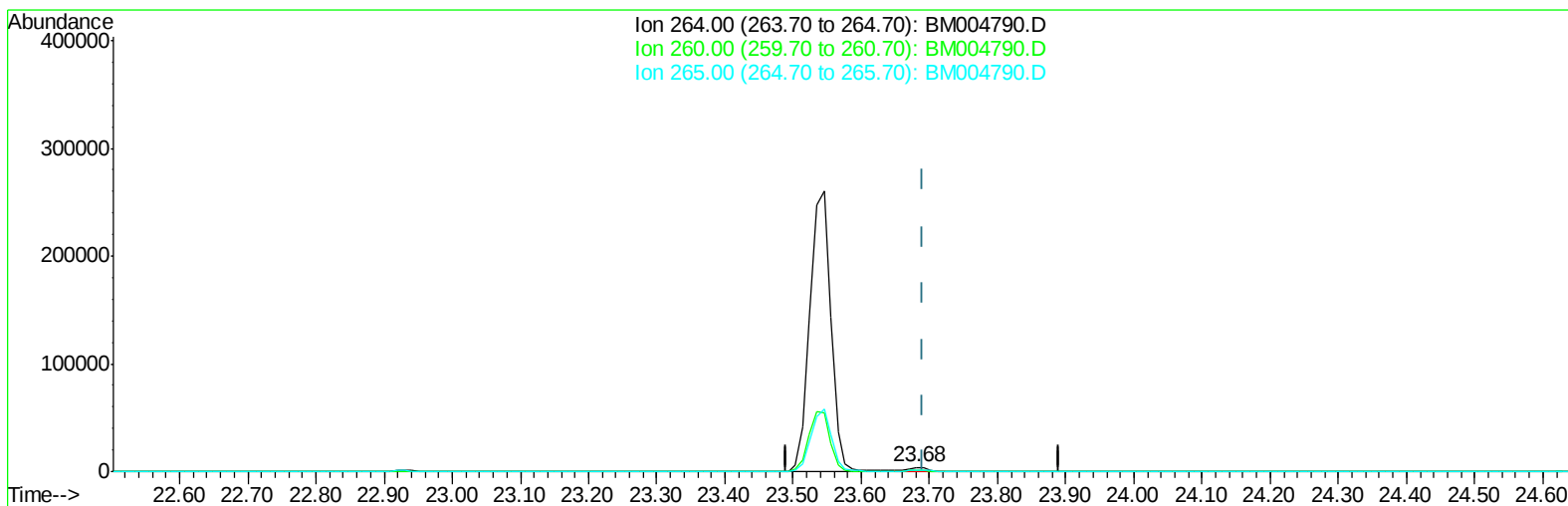
23.545min (-0.146) 0.40ng/ul

response 546947

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	20.71
265.00	38.20	22.13#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:36:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(22) Perylene-d12 (I)

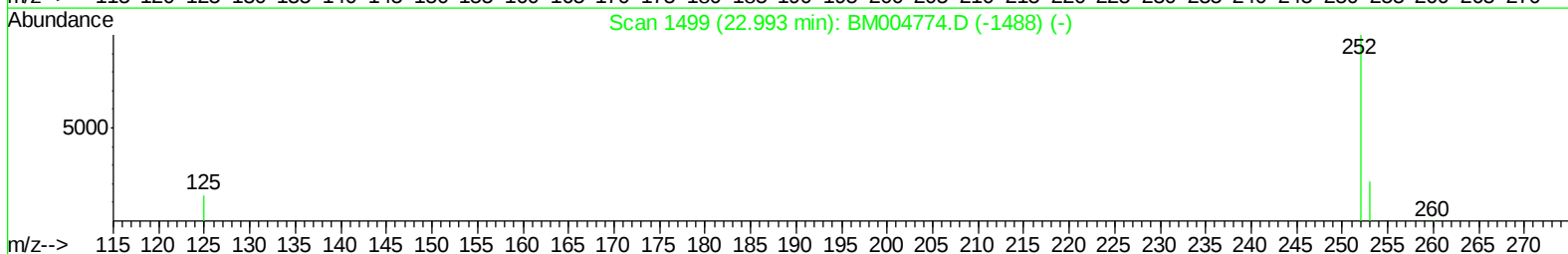
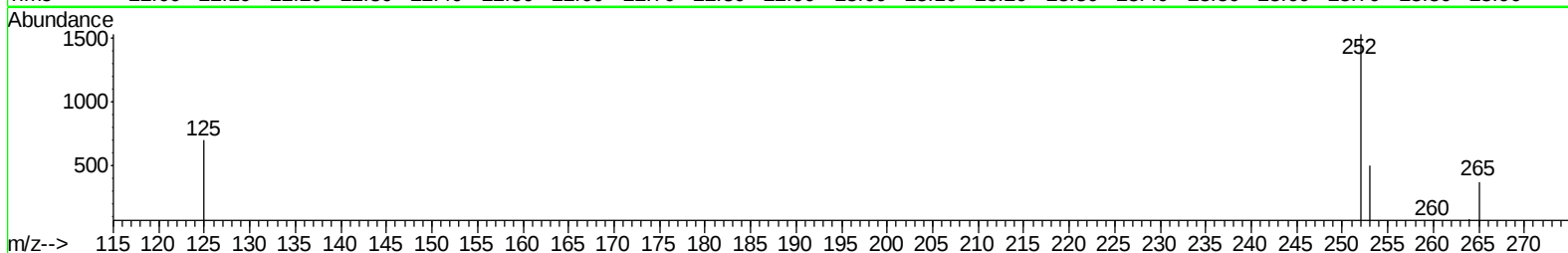
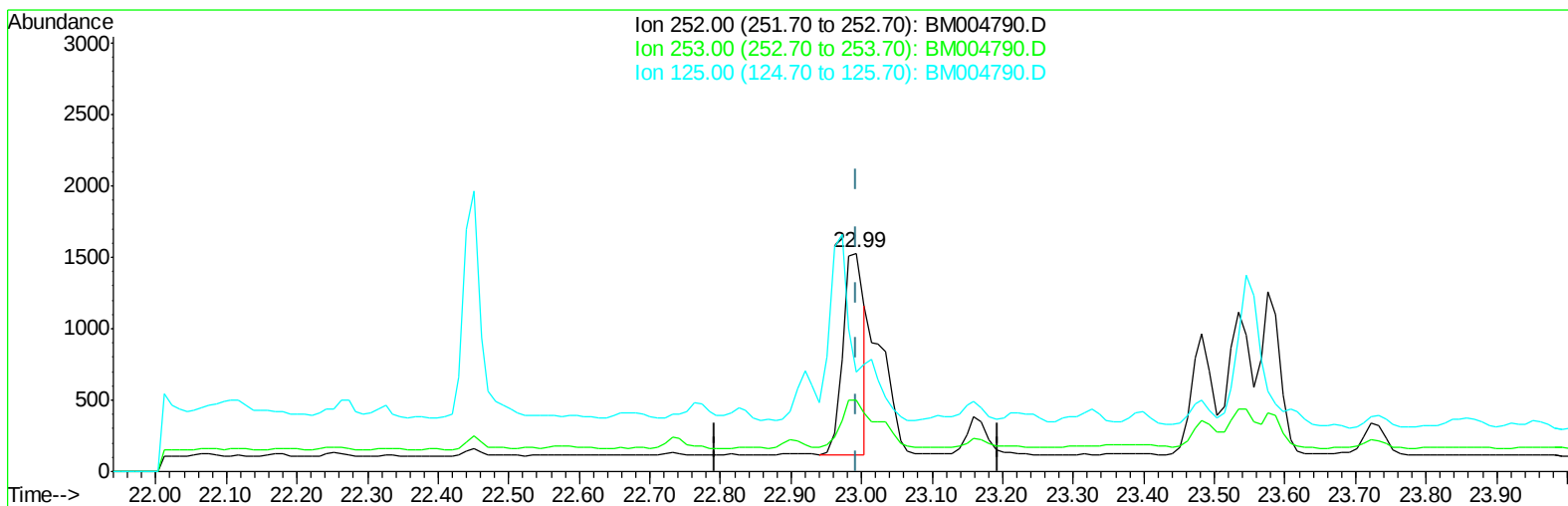
23.681min (-0.011) 0.40ng/ul m

response 6152

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.98
265.00	38.20	29.57#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(23) Benzo(b)fluoranthene

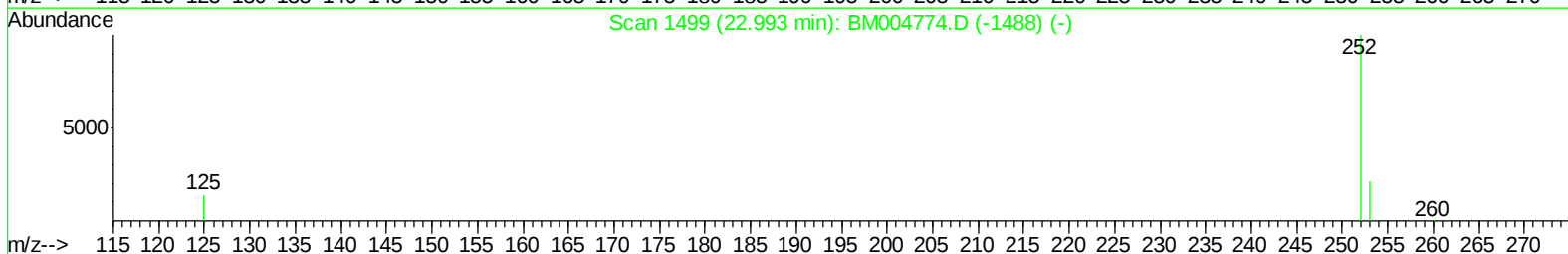
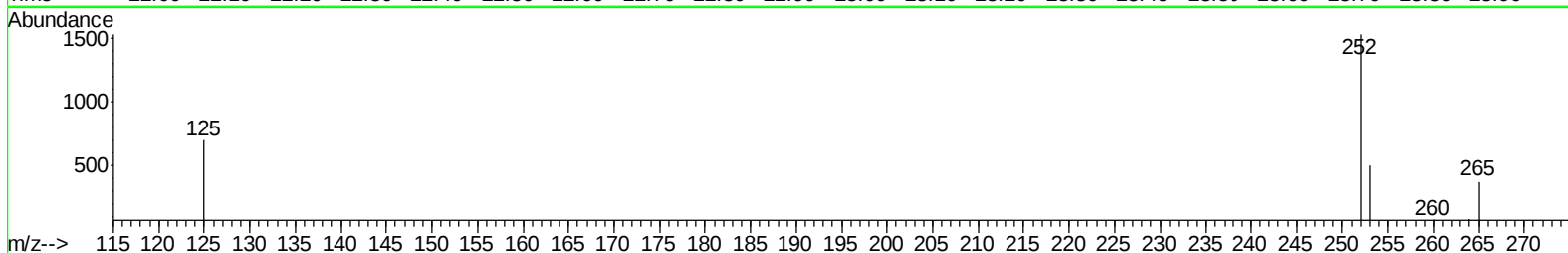
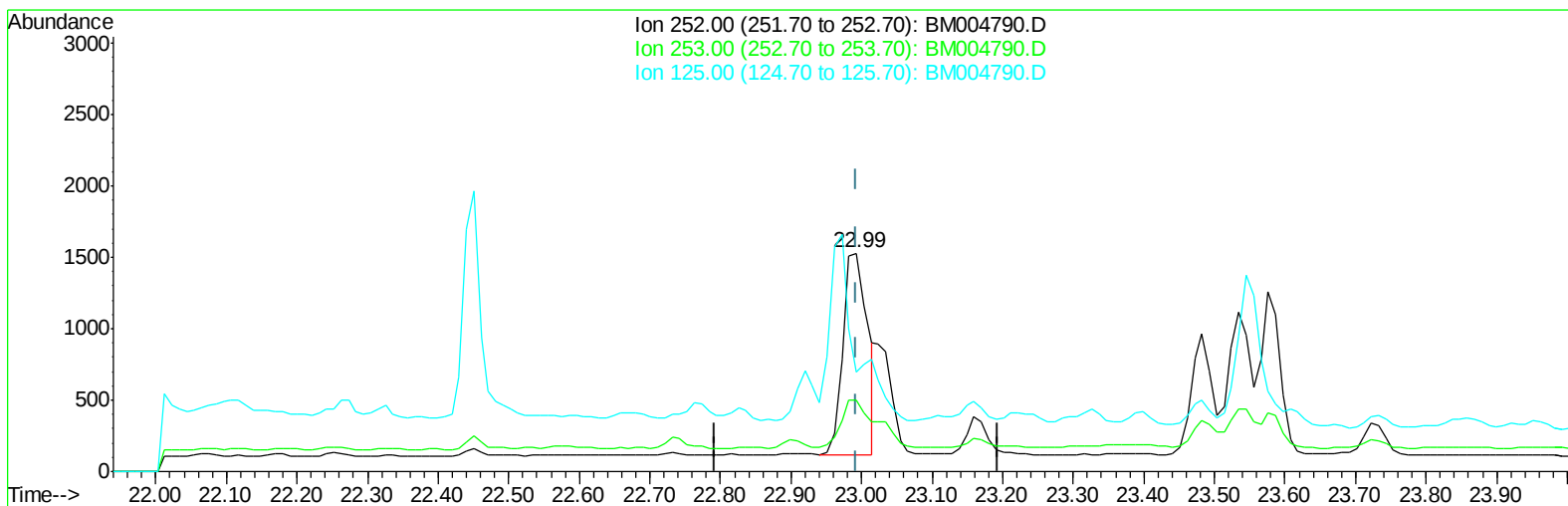
22.993min (-0.000) 0.14ng/ul

response 2926

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	32.64
125.00	14.40	45.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(23) Benzo(b)fluoranthene

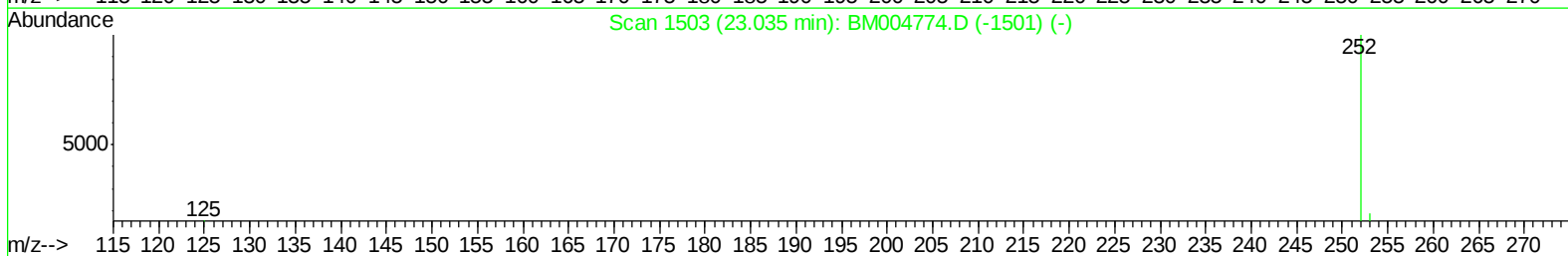
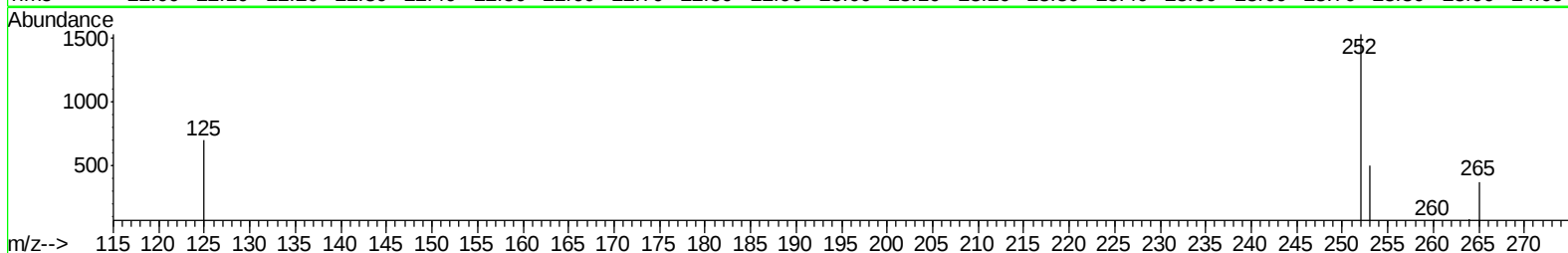
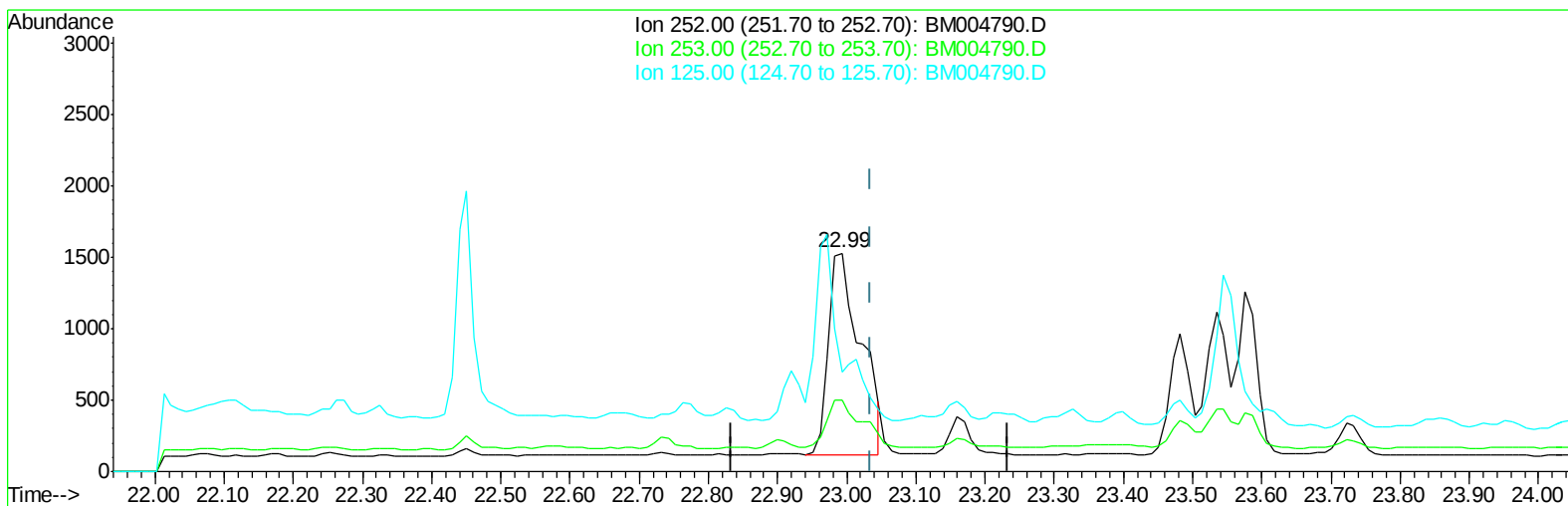
22.993min (-0.000) 0.17ng/ul m

response 3445

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	32.64
125.00	14.40	45.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(24) Benzo(k)fluoranthene

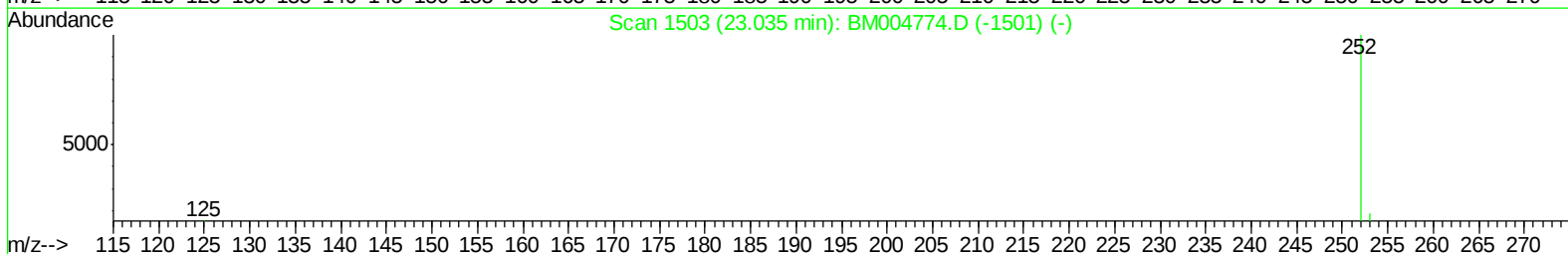
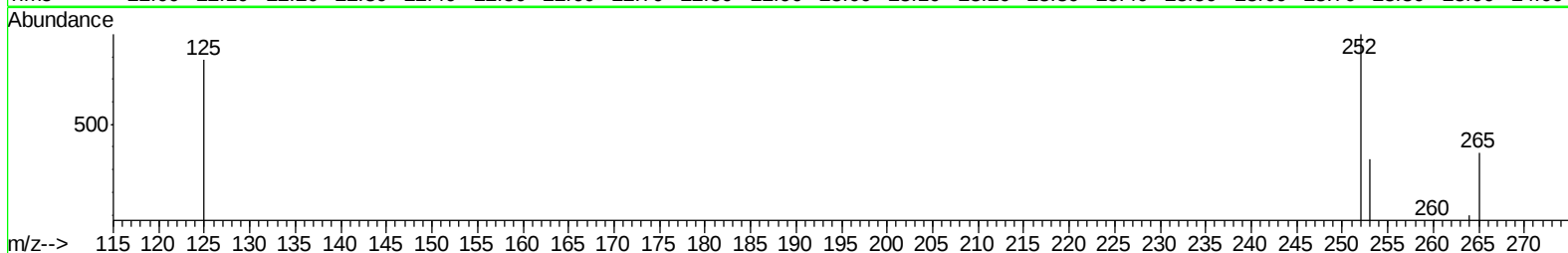
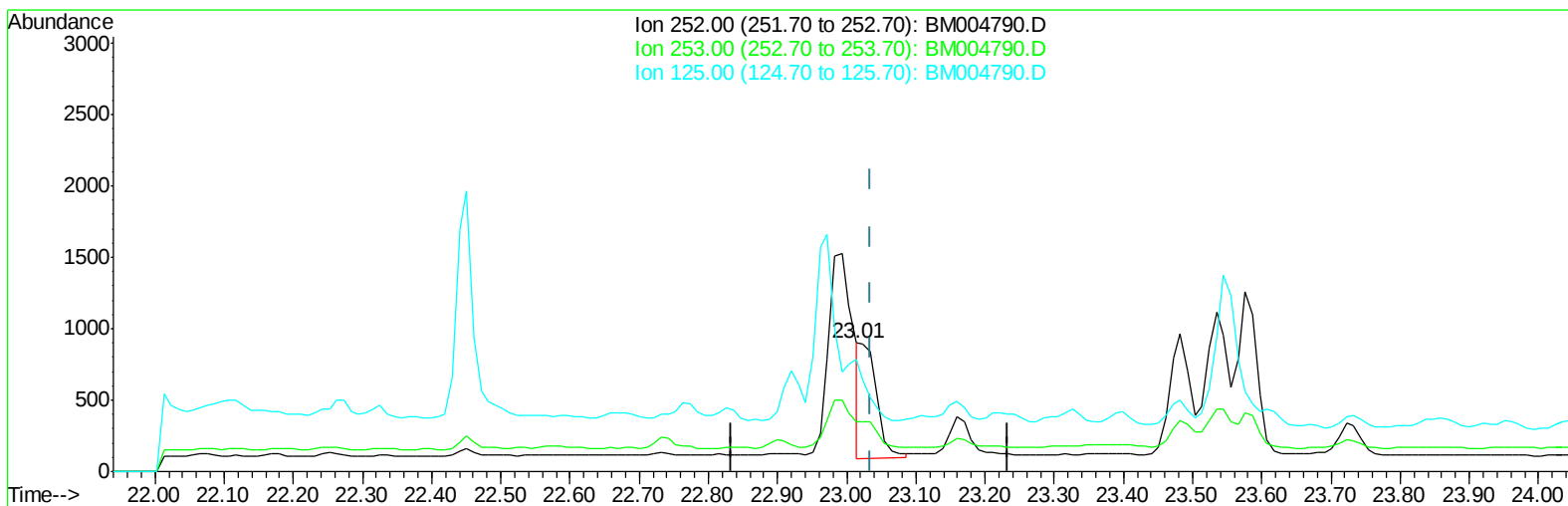
22.993min (-0.042) 0.24ng/ul

response 4579

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	32.64#
125.00	13.00	45.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

(24) Benzo(k)fluoranthene

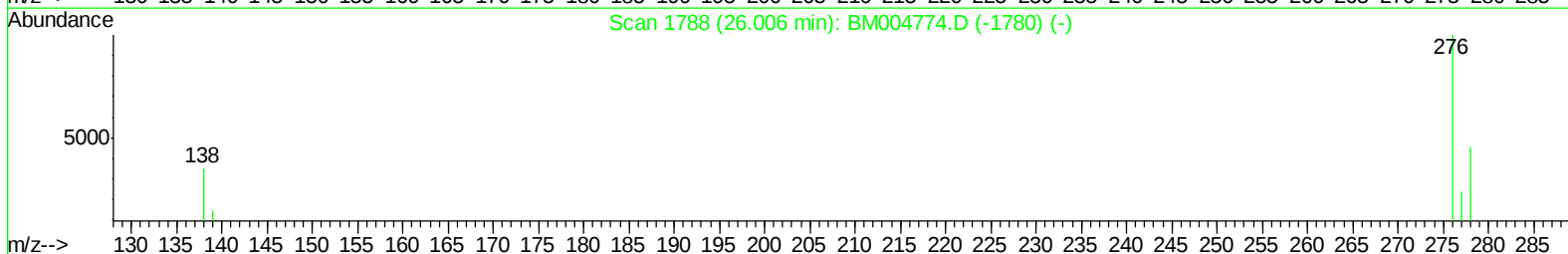
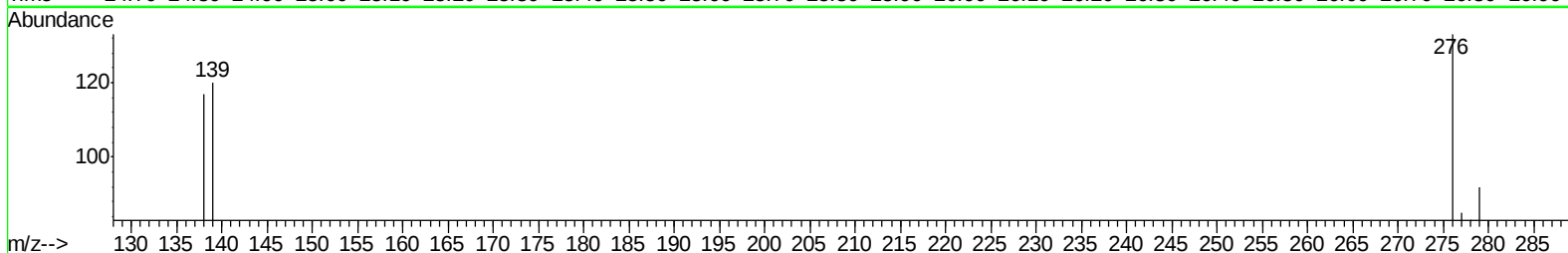
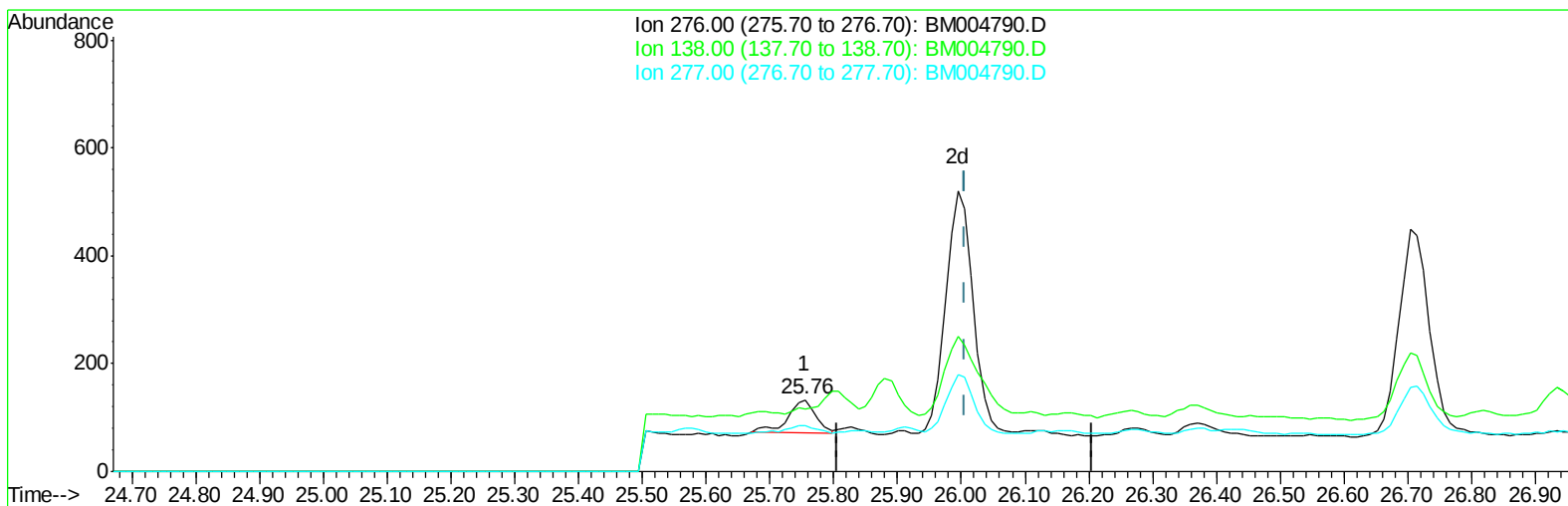
23.013min (-0.021) 0.07ng/ul m

response 1345

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	38.38#
125.00	13.00	87.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

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

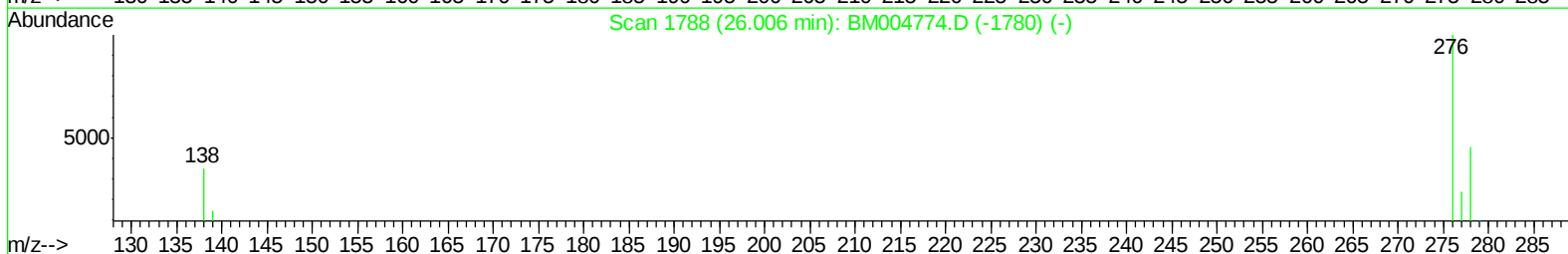
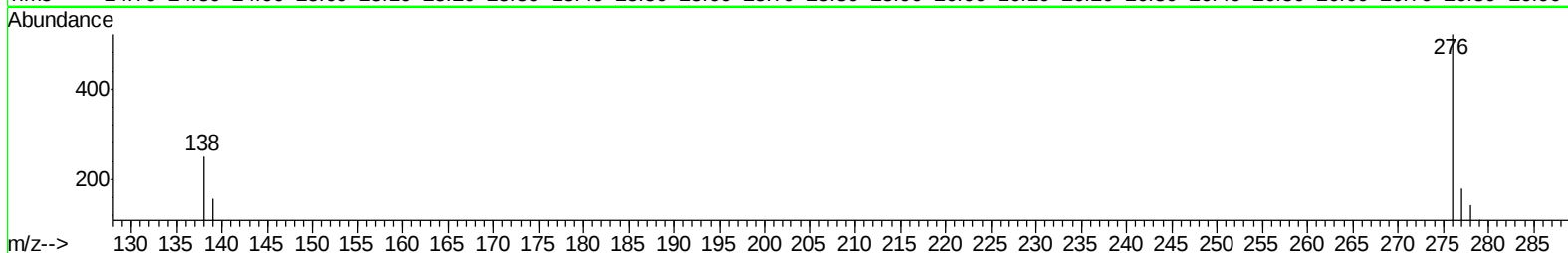
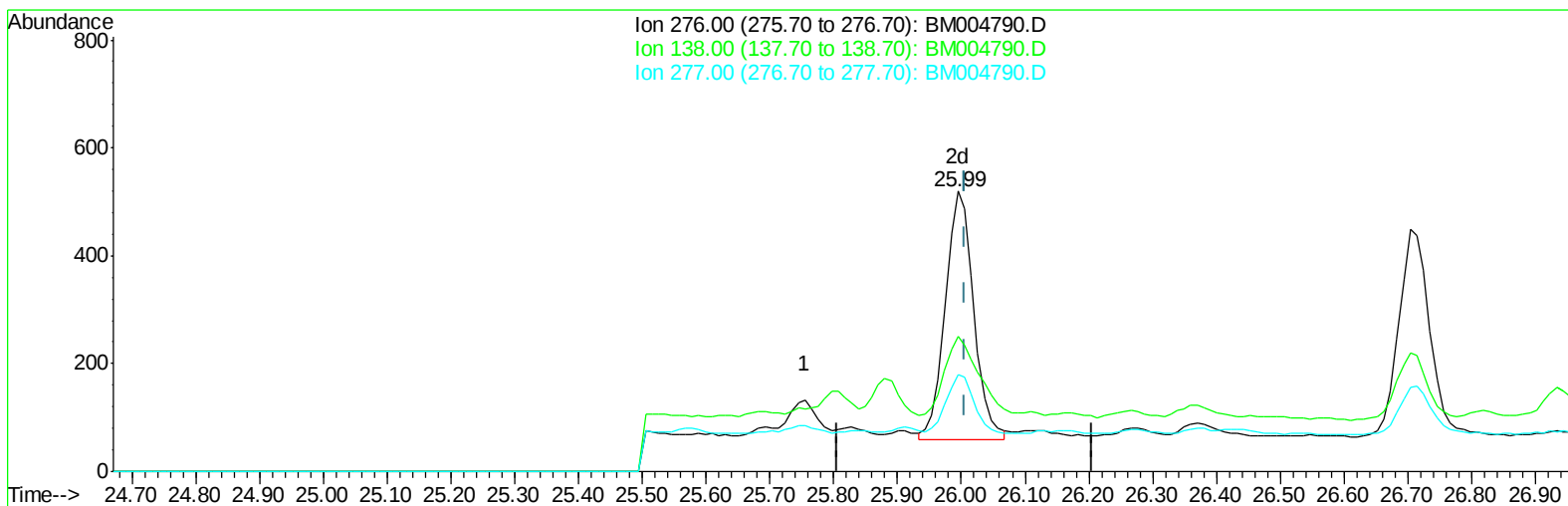
25.755min (-0.251) 0.01ng/ul

response 185

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	21.62
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

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

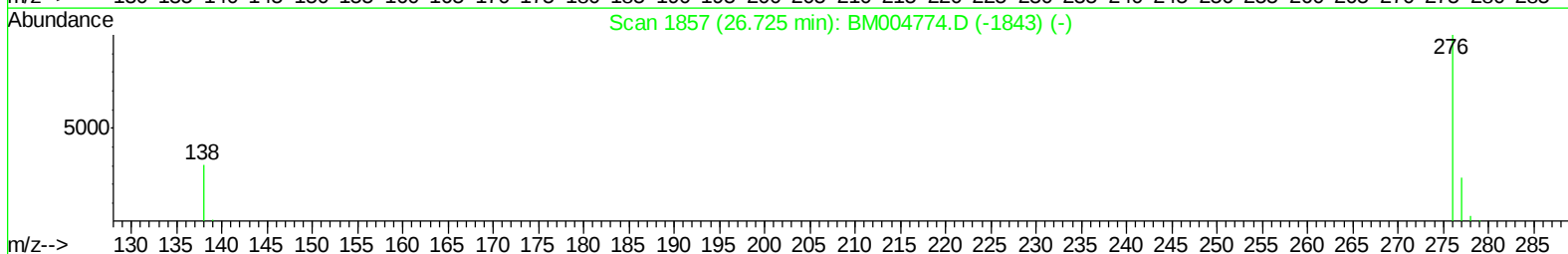
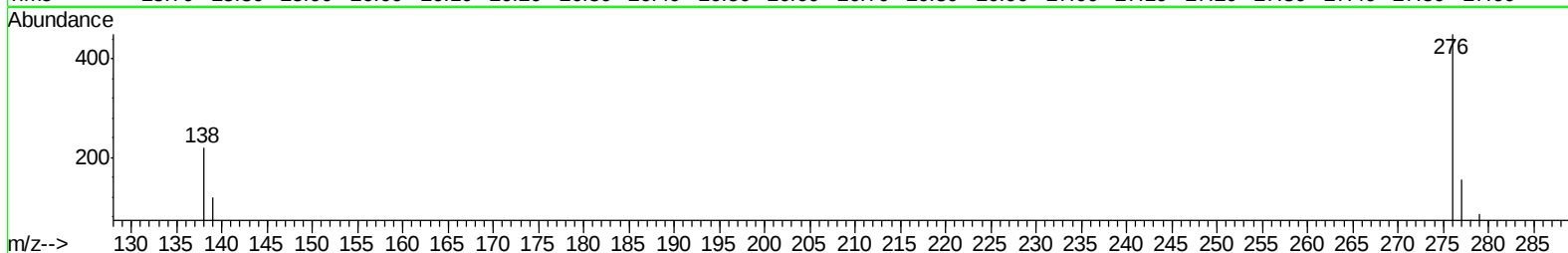
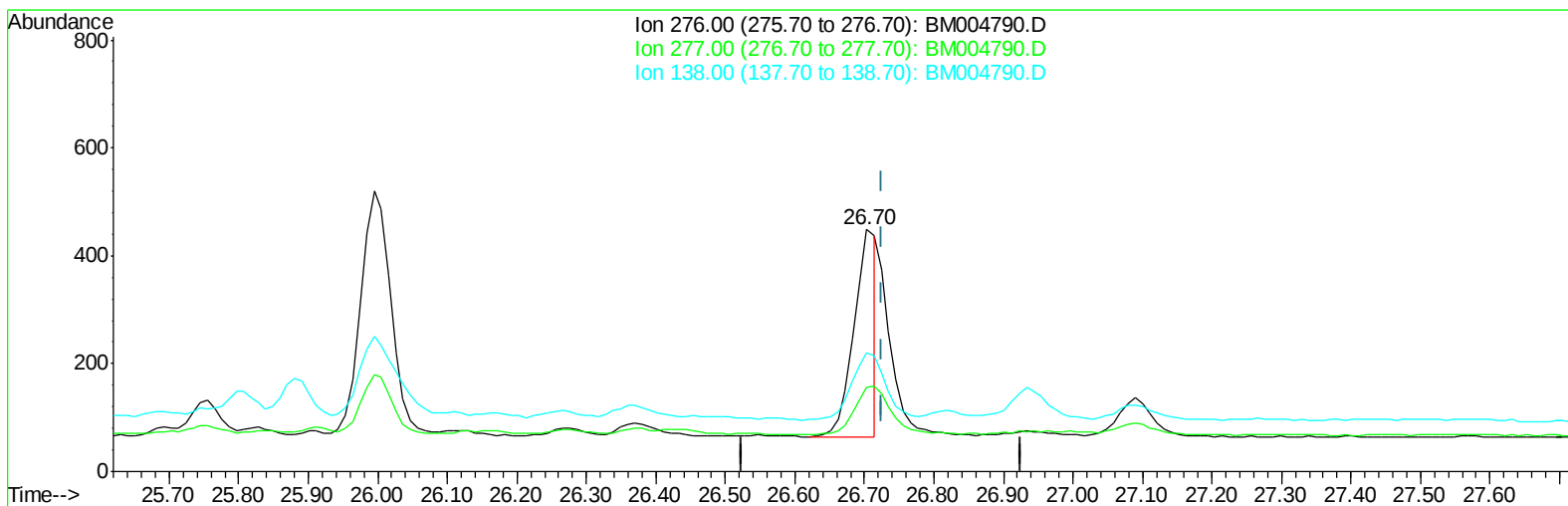
25.995min (-0.011) 0.08ng/ul m

response 1443

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	2.77#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

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

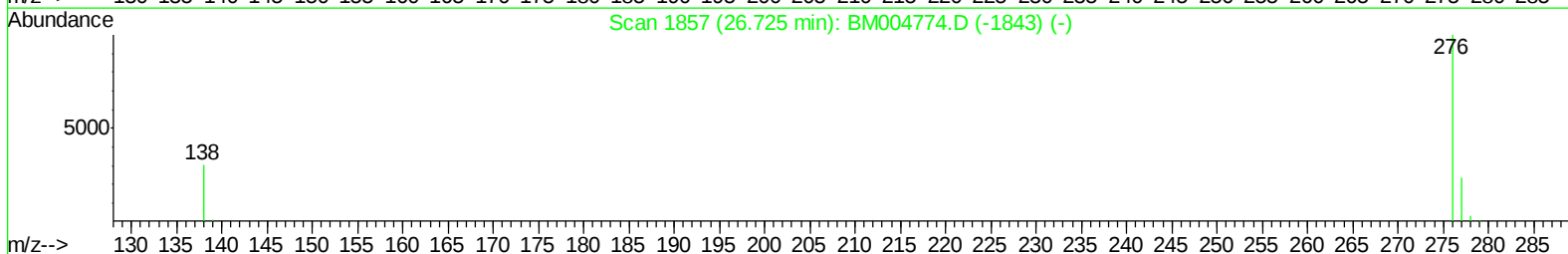
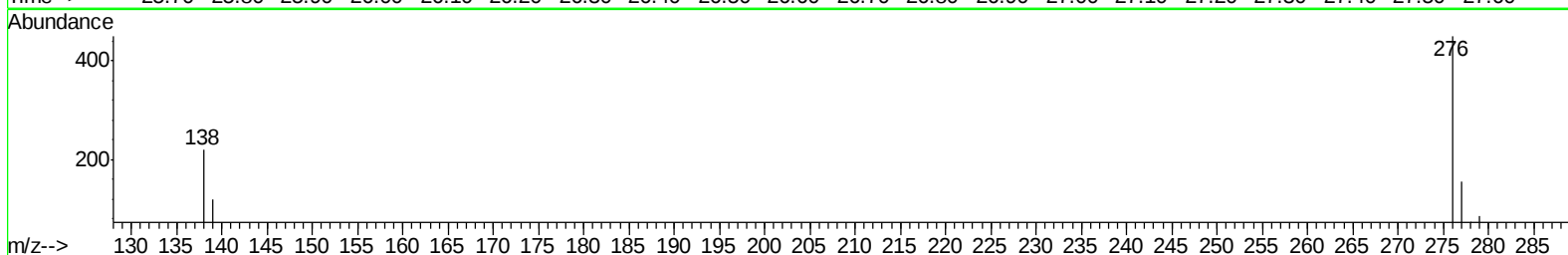
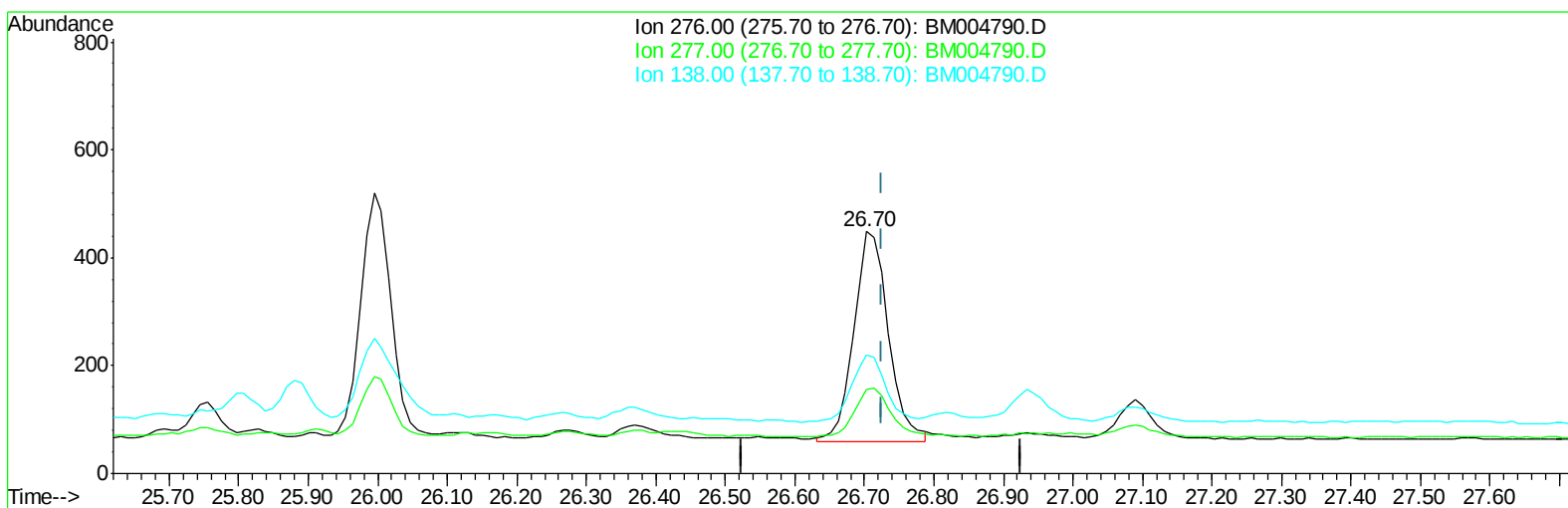
26.704min (-0.021) 0.06ng/ul

response 854

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	34.52#
138.00	28.10	48.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004790.D

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

26.704min (-0.021) 0.09ng/ul m

response 1344

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	34.52#
138.00	28.10	48.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
 Data File : BM004790.D
 Acq On : 25 Mar 2016 22:45
 Operator : UM/SJ
 Sample : H1909-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:39:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1244	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5982	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3837	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	8296m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	7812	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	6152m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.32	96	7522	13.42	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	3428	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	8074	0.41	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Acenaphthylene	14.18	152	665	0.04	ng/ul#	79
14) Phenanthrene	17.24	178	3020m	0.13	ng/ul	
15) Anthracene	17.33	178	799	0.04	ng/ul#	65
17) Fluoranthene	19.27	202	5514	0.21	ng/ul	95
19) Pyrene	19.63	202	6387	0.24	ng/ul#	95
20) Benzo(a)anthracene	21.37	228	2283	0.10	ng/ul#	86
21) Chrysene	21.42	228	2928	0.13	ng/ul#	88
23) Benzo(b)fluoranthene	22.99	252	3445m	0.17	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	1345m	0.07	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.99	276	1443m	0.08	ng/ul	
28) Benzo(g,h,i)perylene	26.70	276	1344m	0.09	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 19:39:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration

