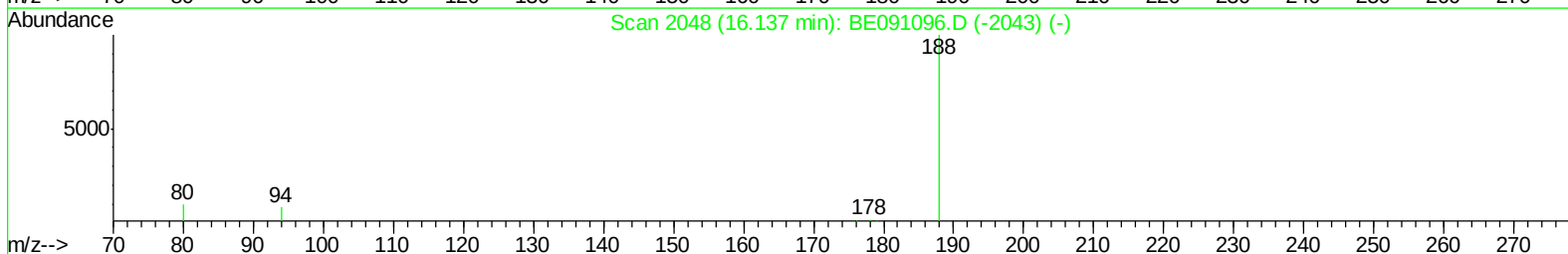
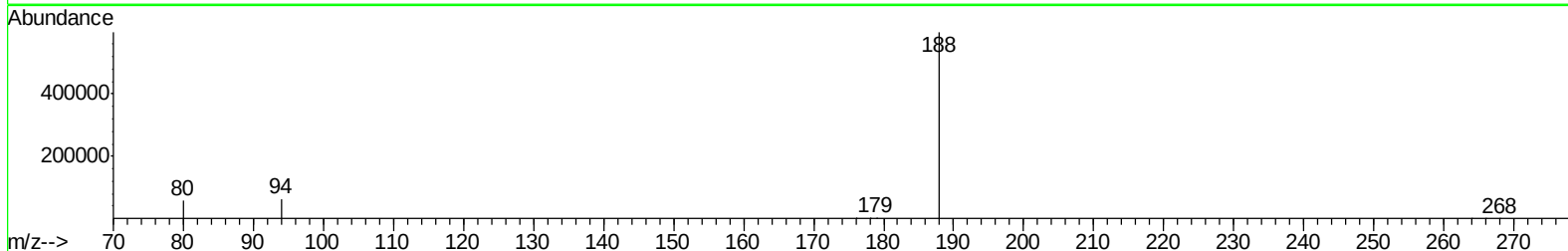
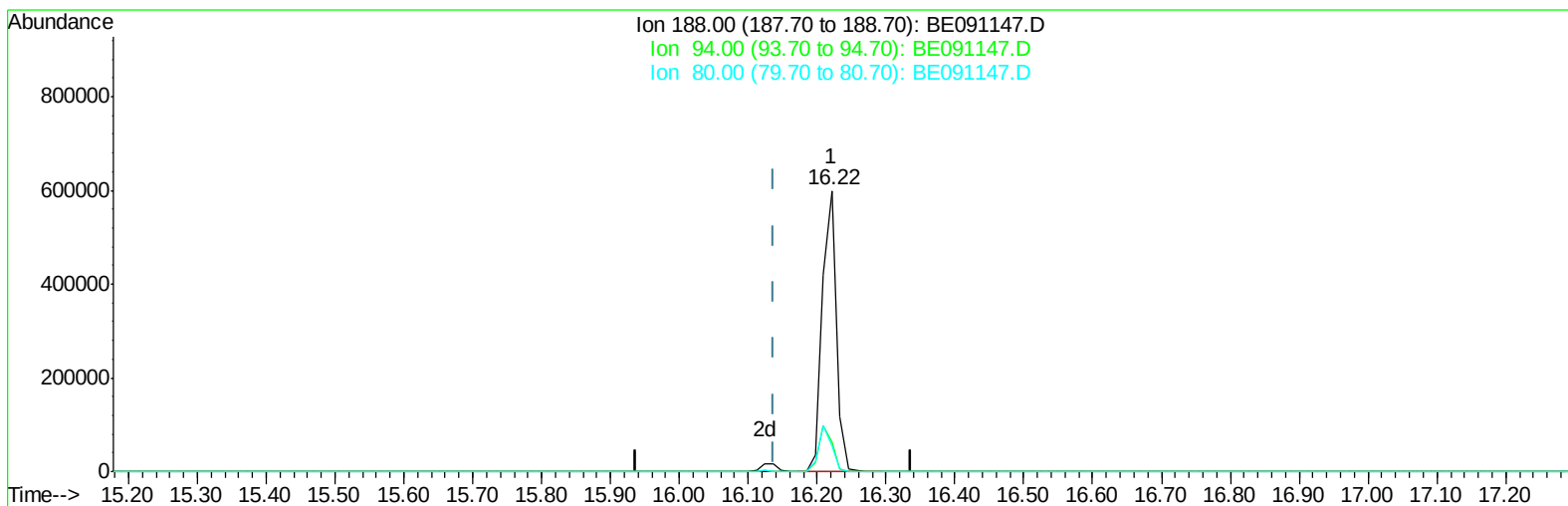


Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 15:24:04 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



TIC: BE091147.D

(12) Phenanthrene-d10 (I)

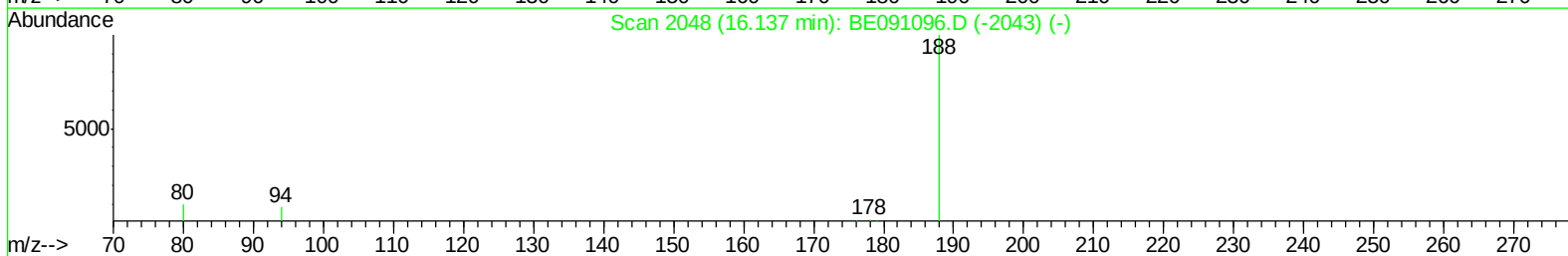
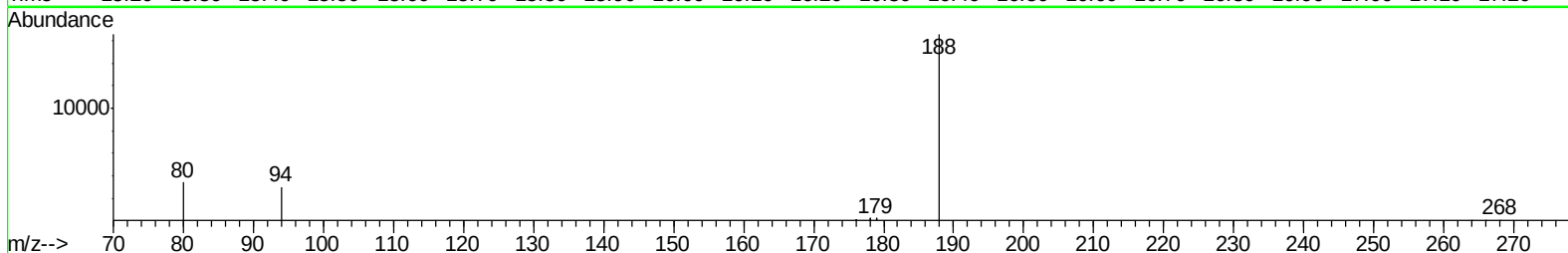
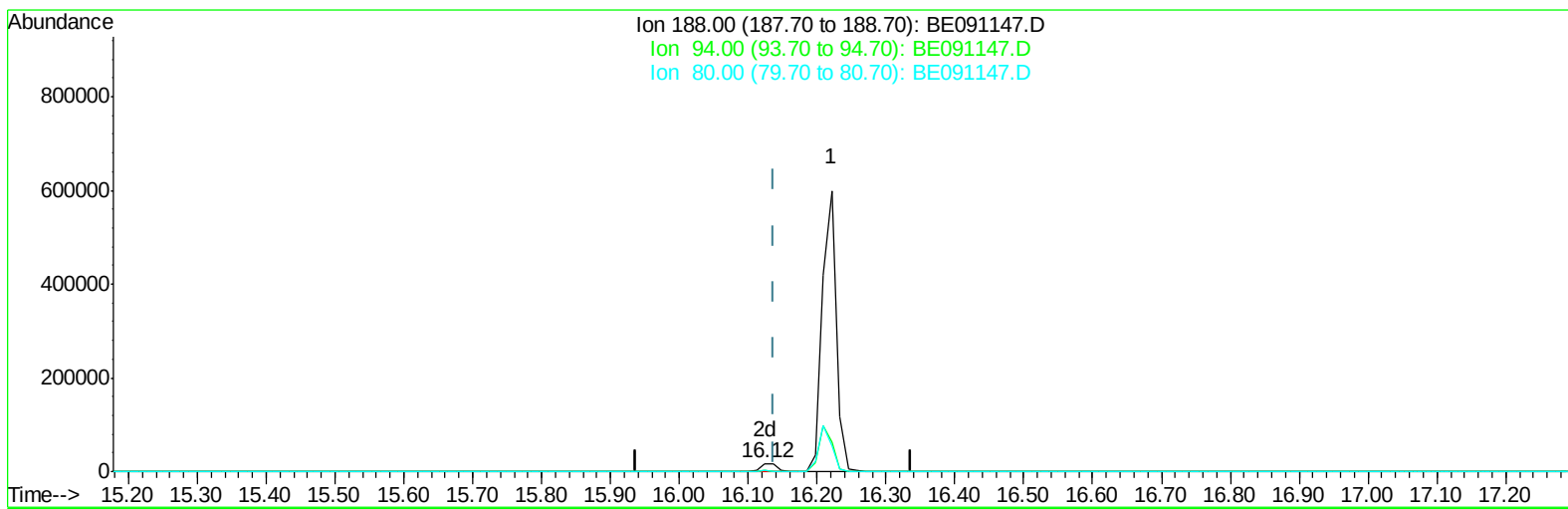
16.221min (+0.084) 0.40ng/ul

response 859849

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.55
80.00	8.90	9.31
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 15:24:04 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



TIC: BE091147.D

(12) Phenanthrene-d10 (I)

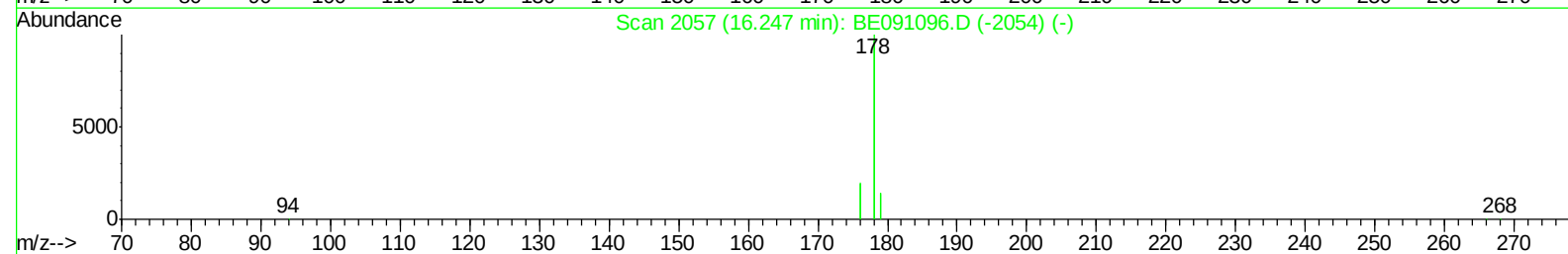
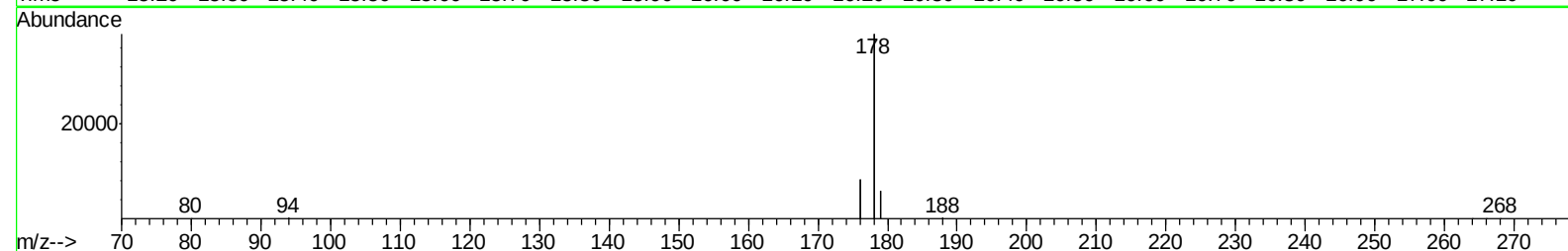
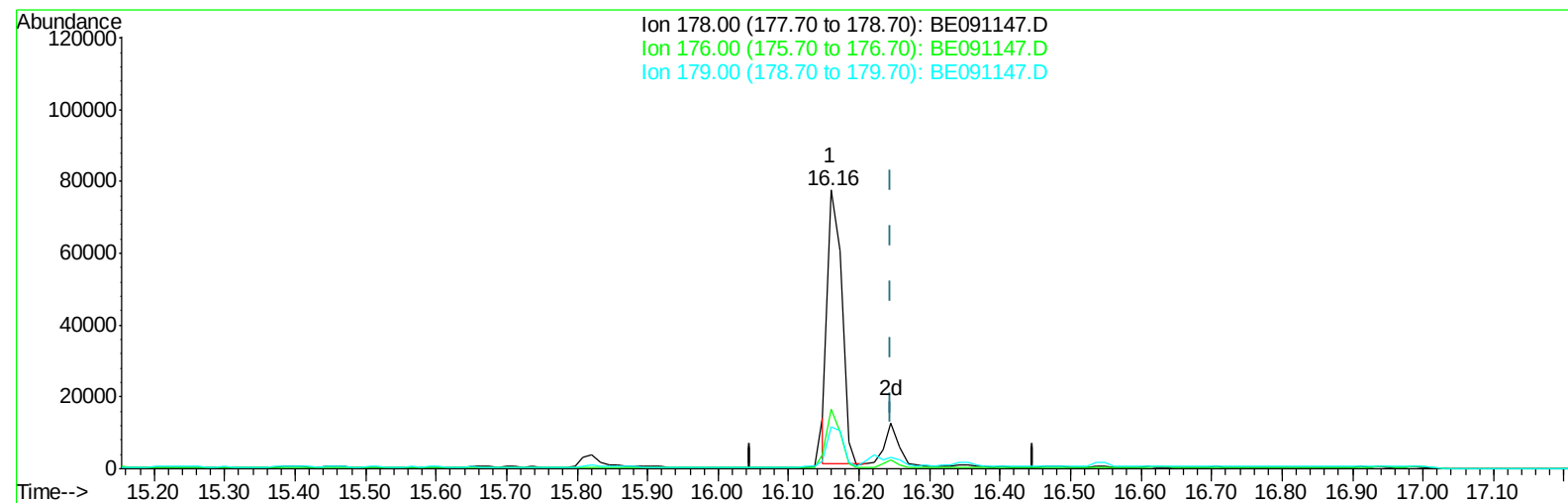
16.124min (-0.013) 0.40ng/ul m

response 26893

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	18.40#
80.00	8.90	20.66#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:18:16 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



TIC: BE091147.D

(15) Anthracene

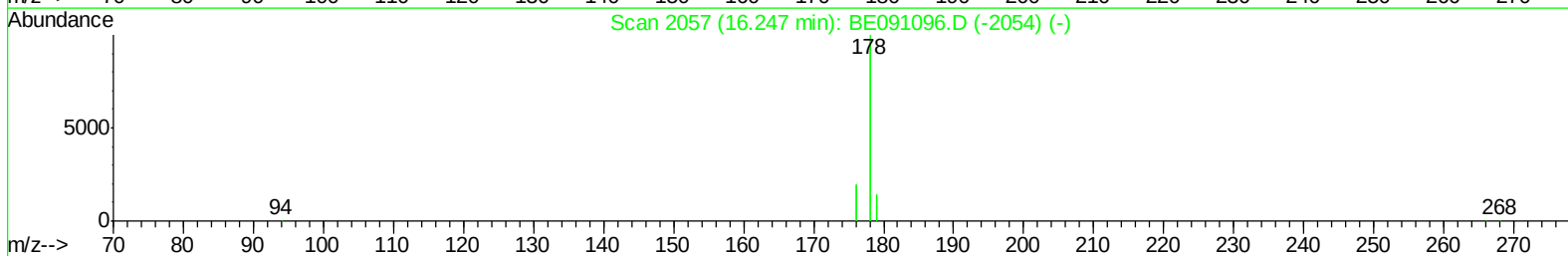
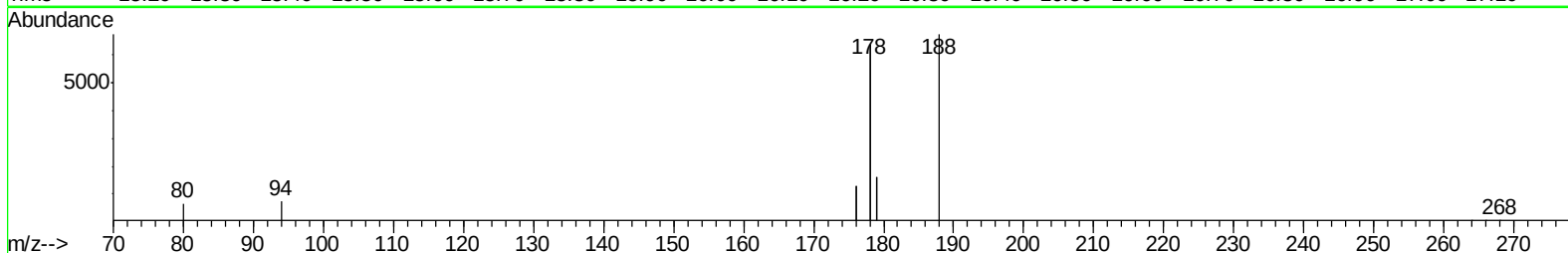
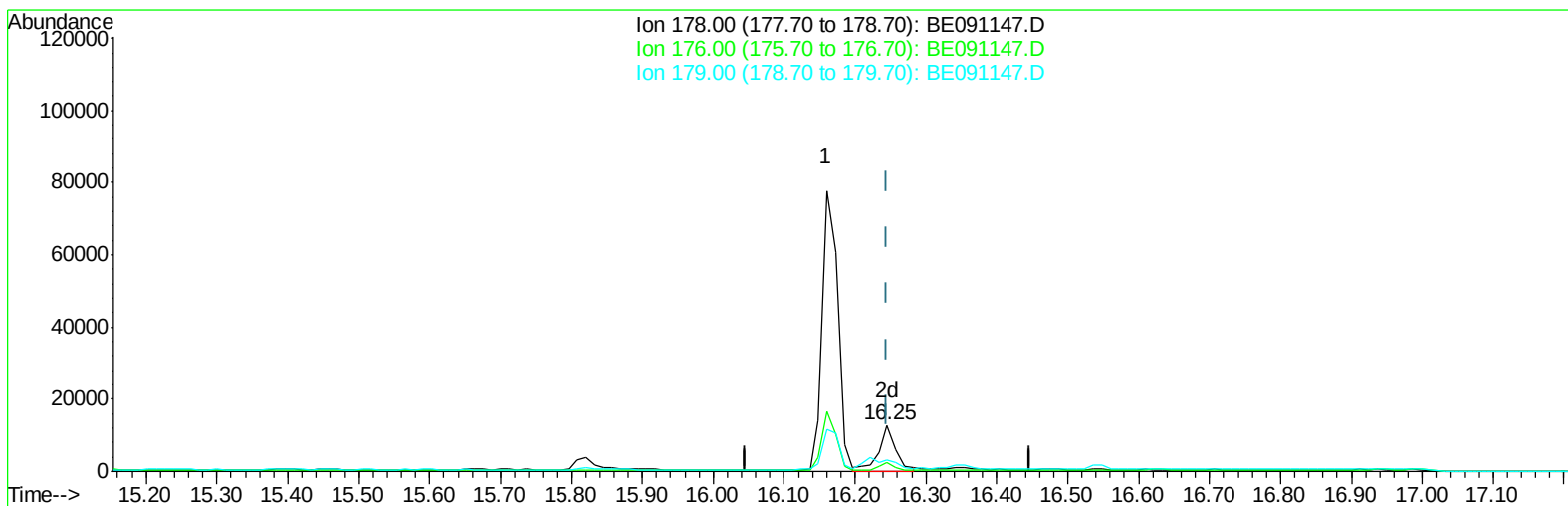
16.160min (-0.086) 0.36ng/ul

response 102675

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	21.17
179.00	16.60	14.90
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:18:16 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



TIC: BE091147.D

(15) Anthracene

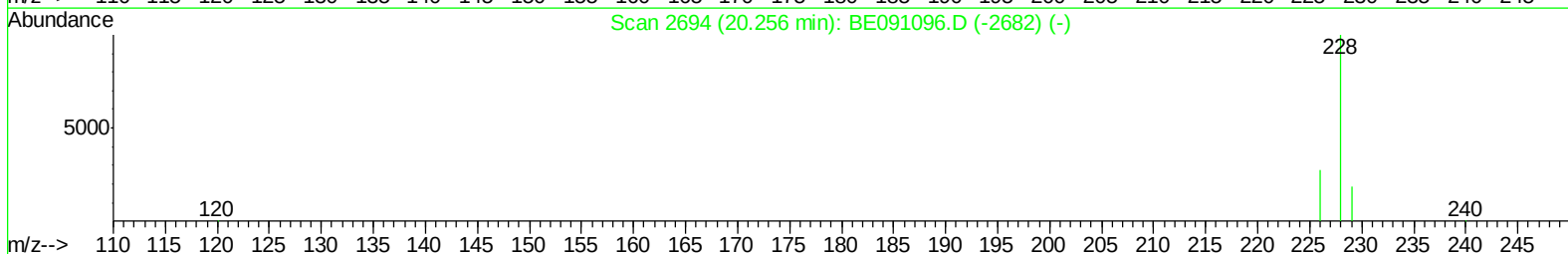
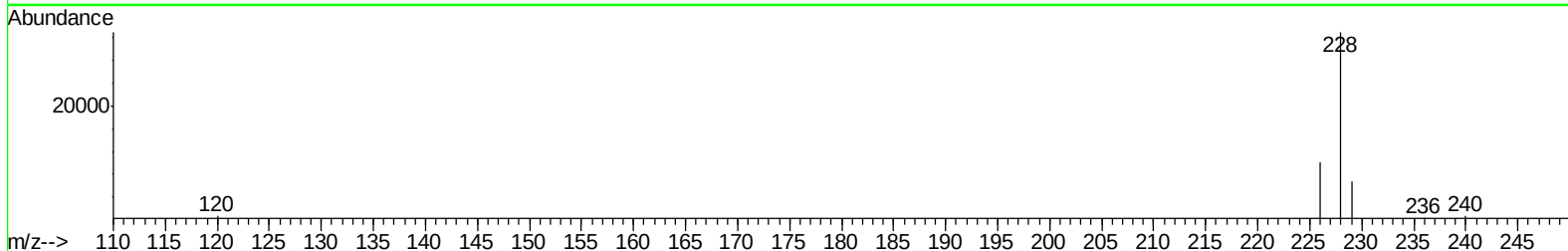
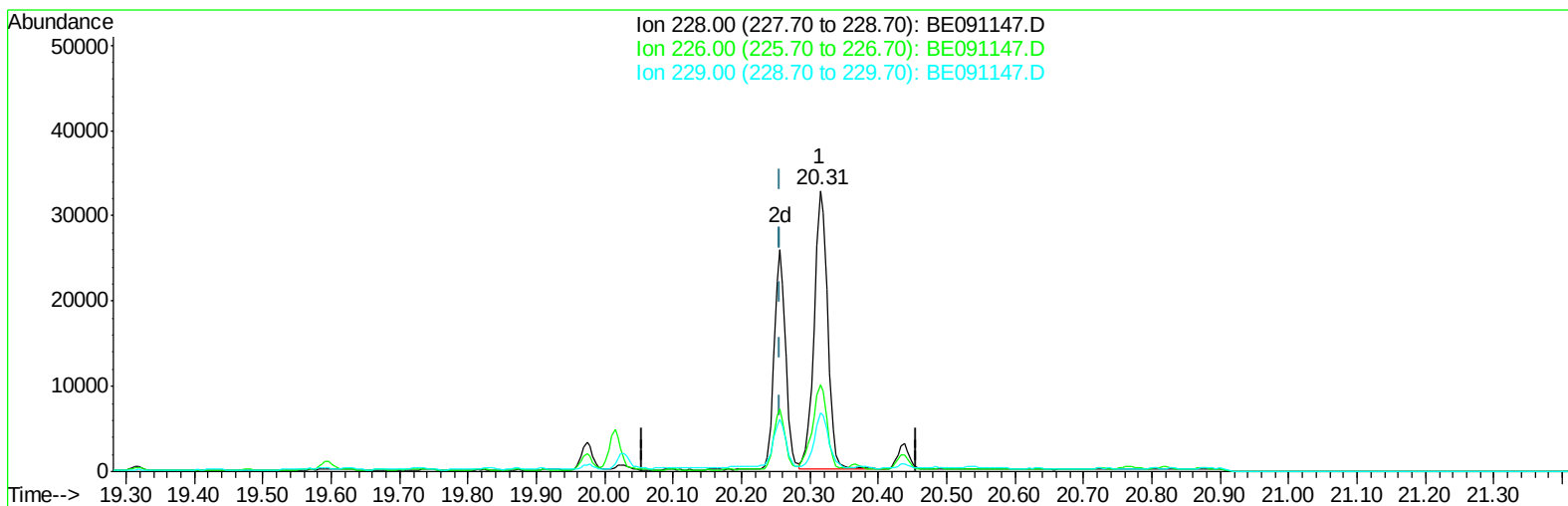
16.245min (-0.001) 0.08ng/ul m

response 21551

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	20.62
179.00	16.60	25.31#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:18:16 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



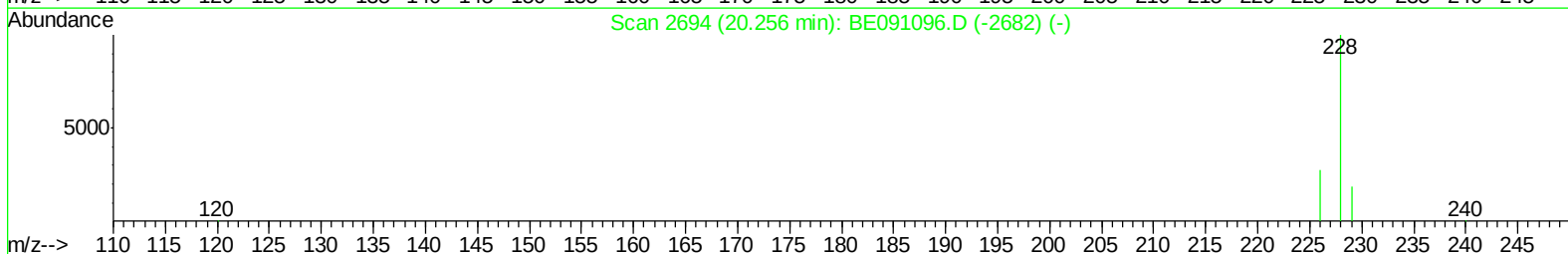
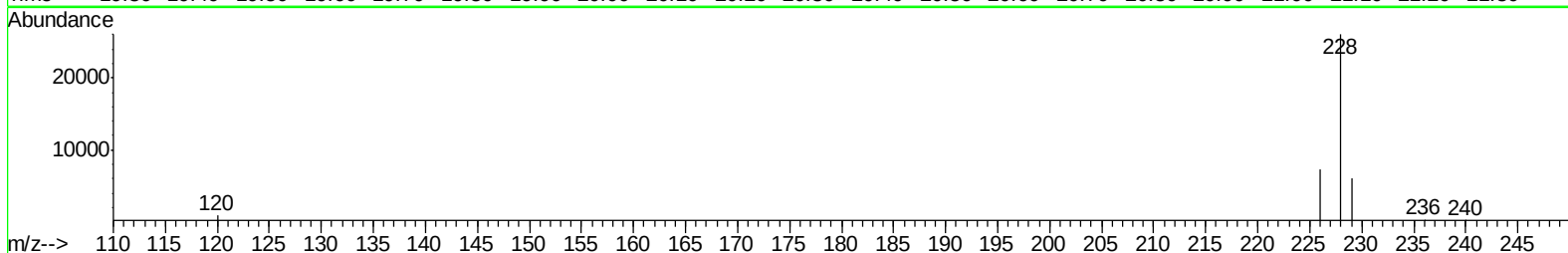
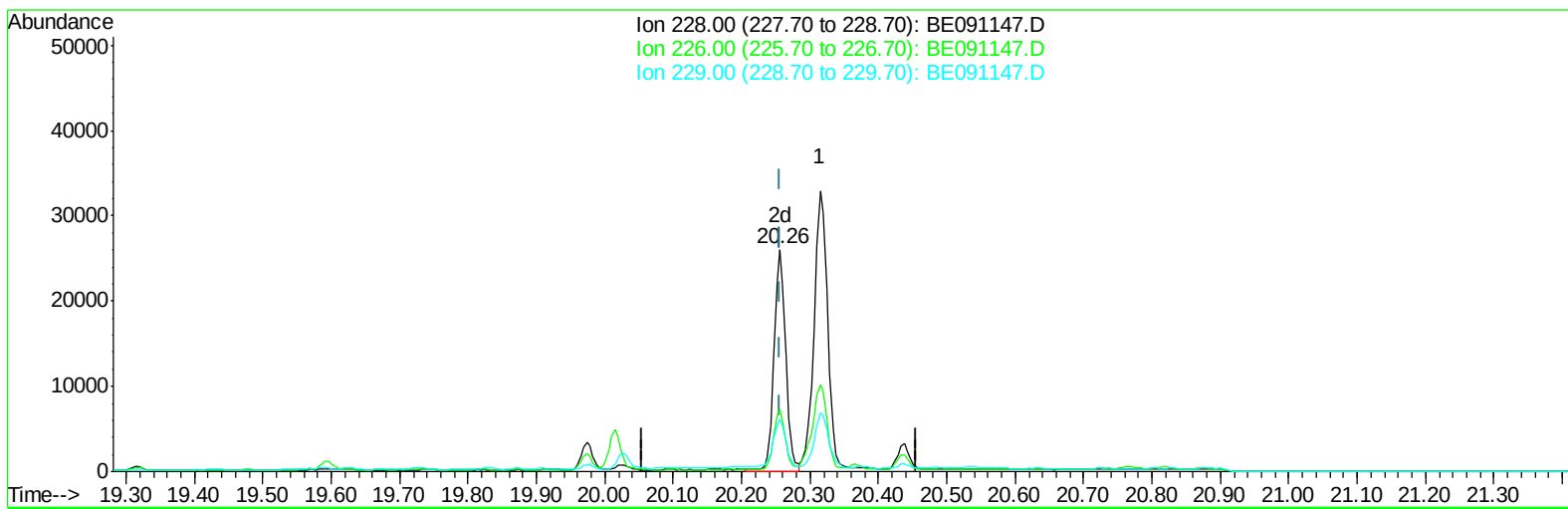
TIC: BE091147.D

(20) Benzo(a)anthracene
20.315min (+0.059) 0.48ng/ul
response 44914

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	30.96
229.00	19.00	20.73
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:18:16 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



TIC: BE091147.D

(20) Benzo(a)anthracene

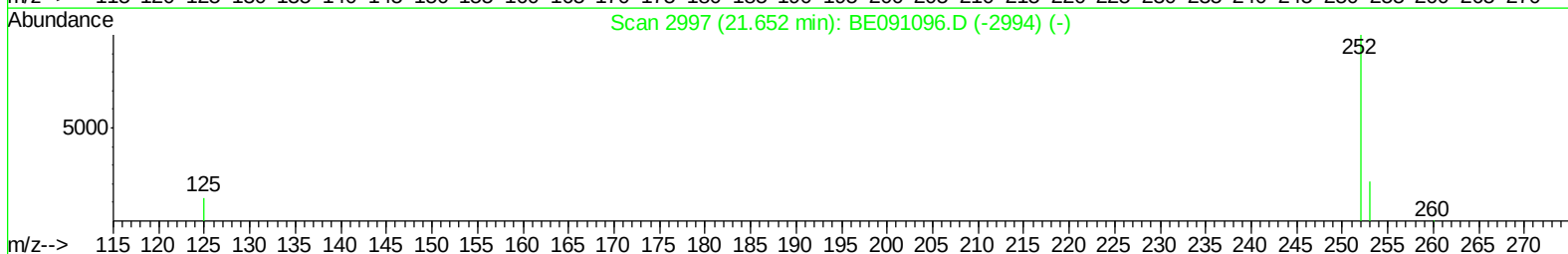
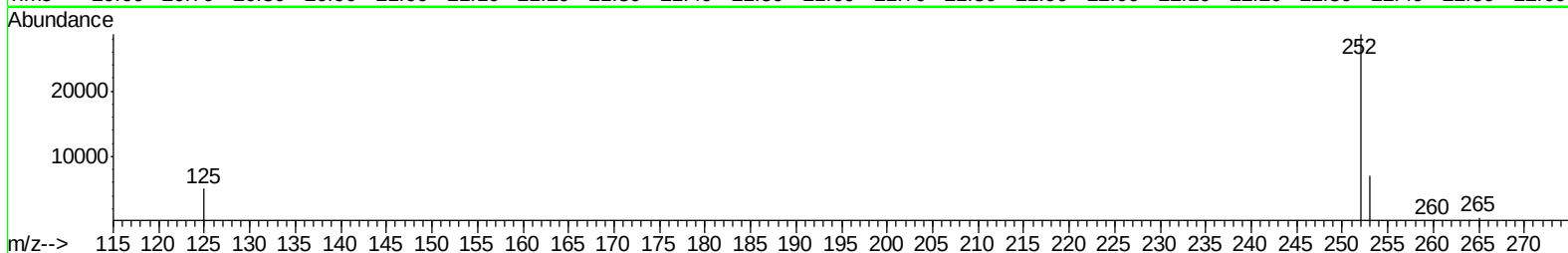
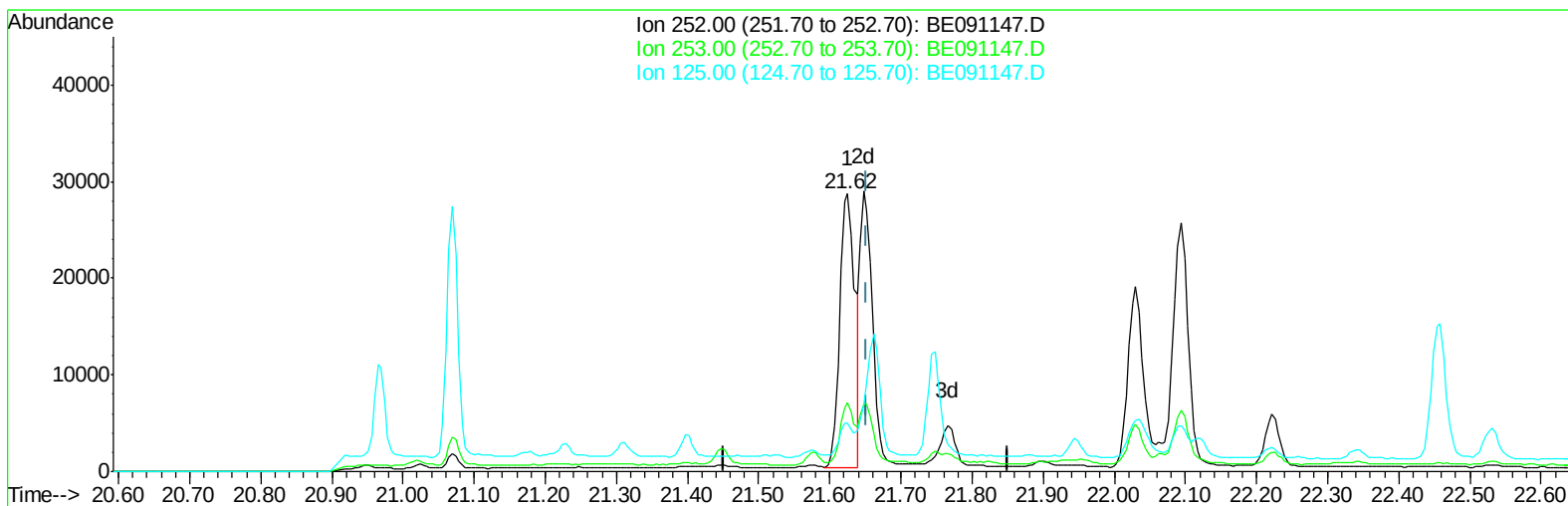
20.256min (-0.000) 0.34ng/ul m

response 31781

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	28.01
229.00	19.00	23.53#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:18:16 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



TIC: BE091147.D

(24) Benzo(k)fluoranthene

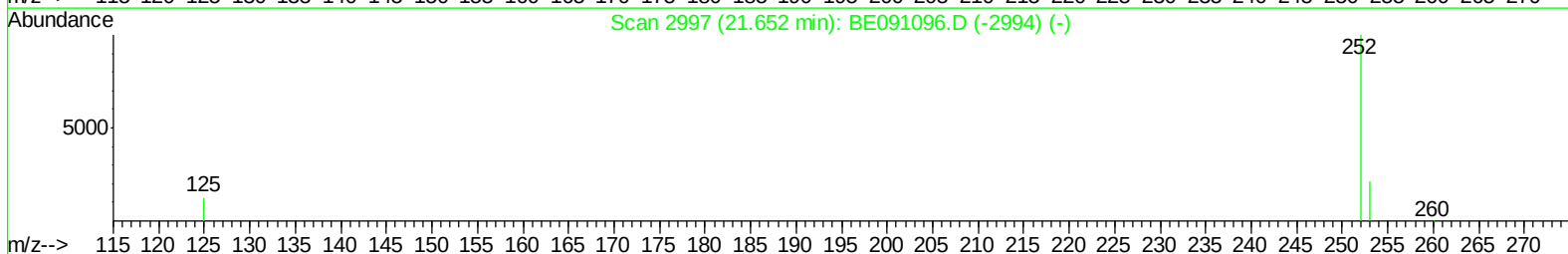
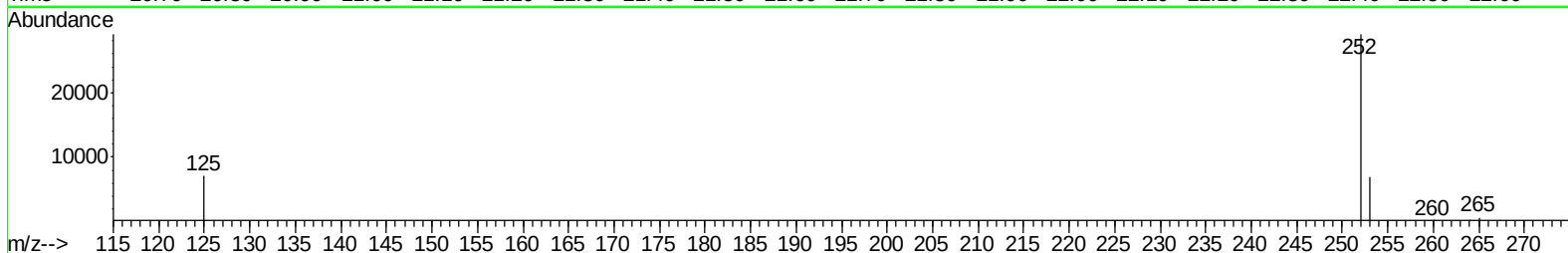
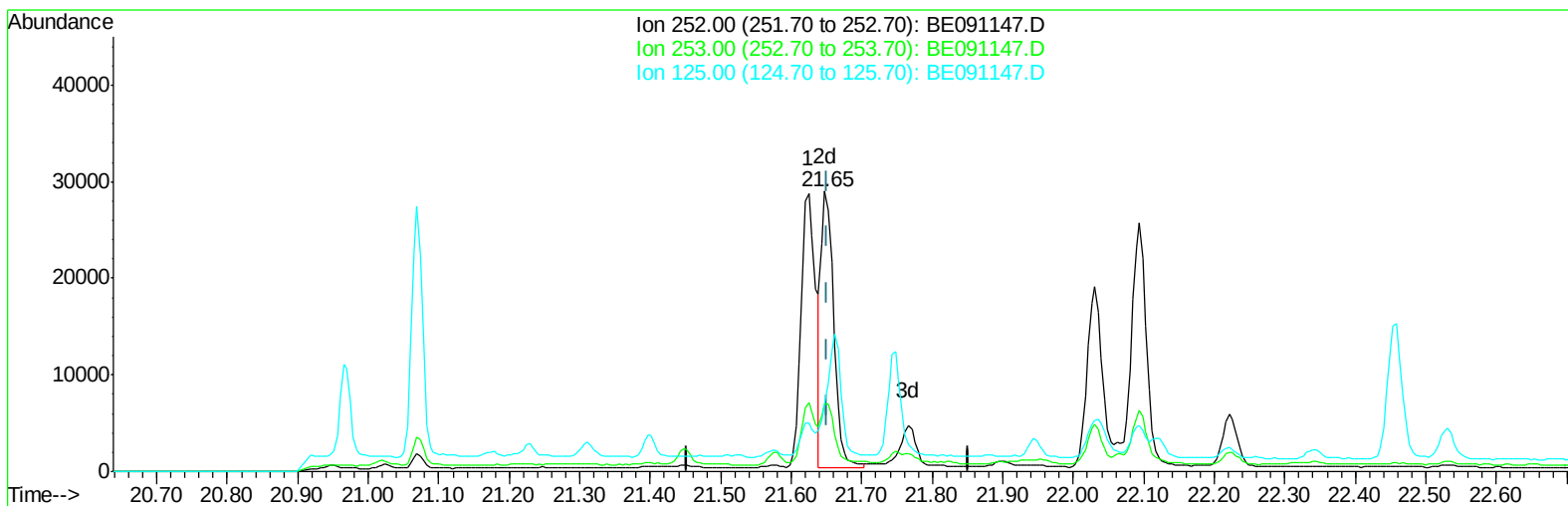
21.625min (-0.027) 0.32ng/ul

response 41804

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	24.80
125.00	15.30	17.34
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:18:16 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



TIC: BE091147.D

(24) Benzo(k)fluoranthene

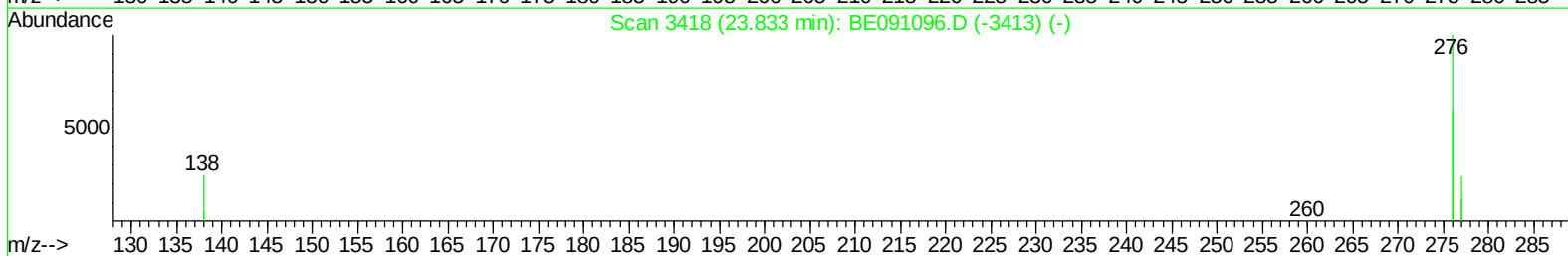
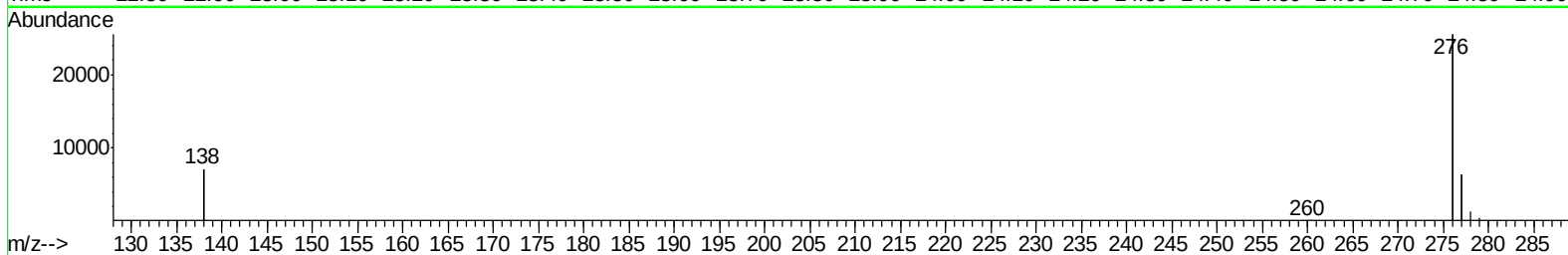
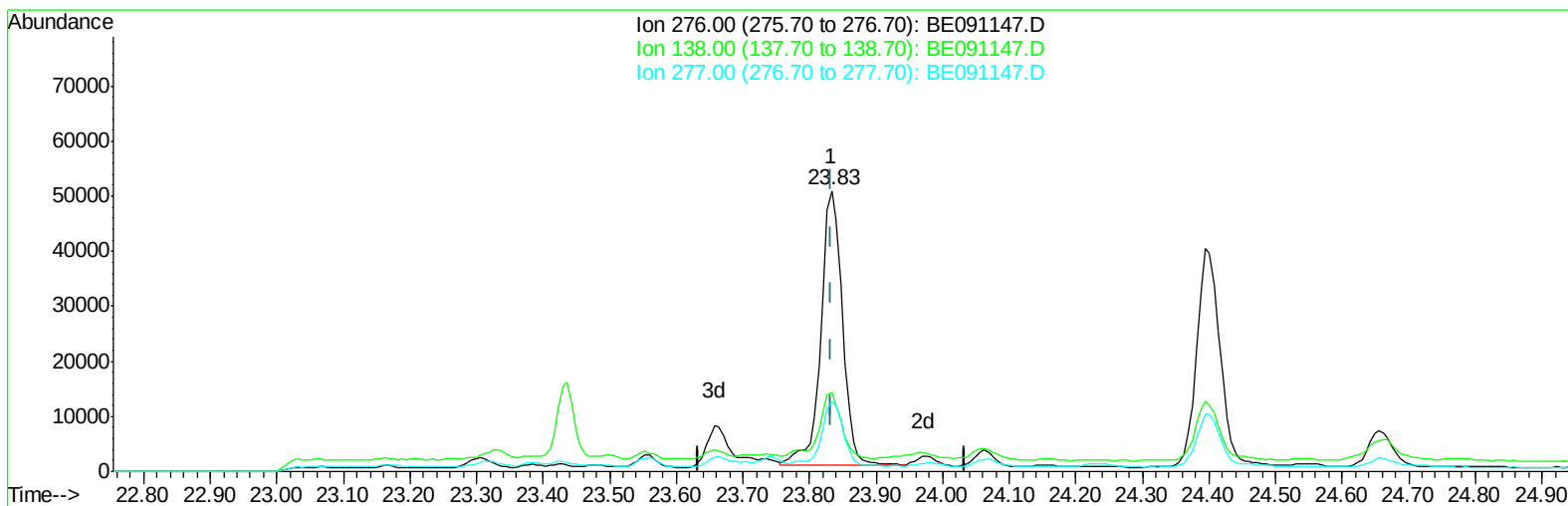
21.648min (-0.004) 0.26ng/ul m

response 34303

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	24.05
125.00	15.30	24.26#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:18:16 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



TIC: BE091147.D

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

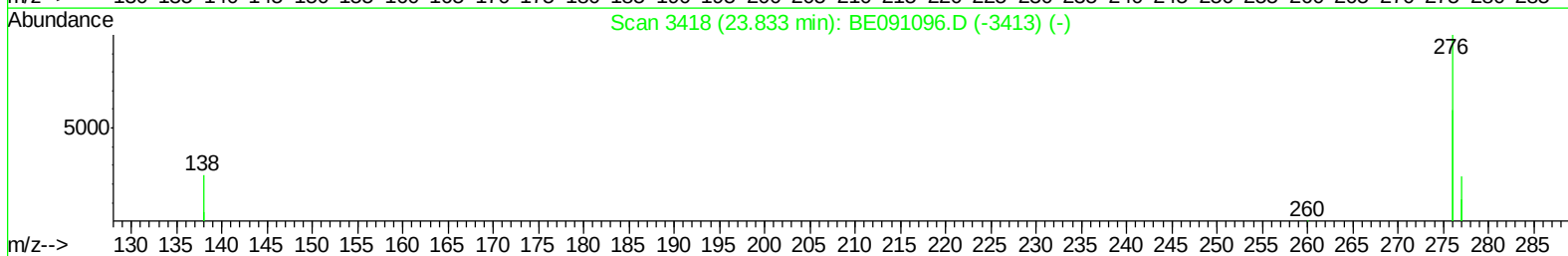
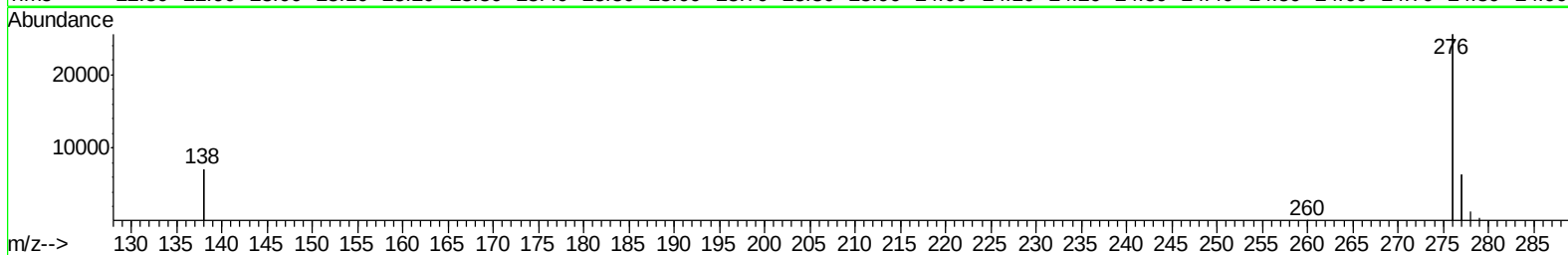
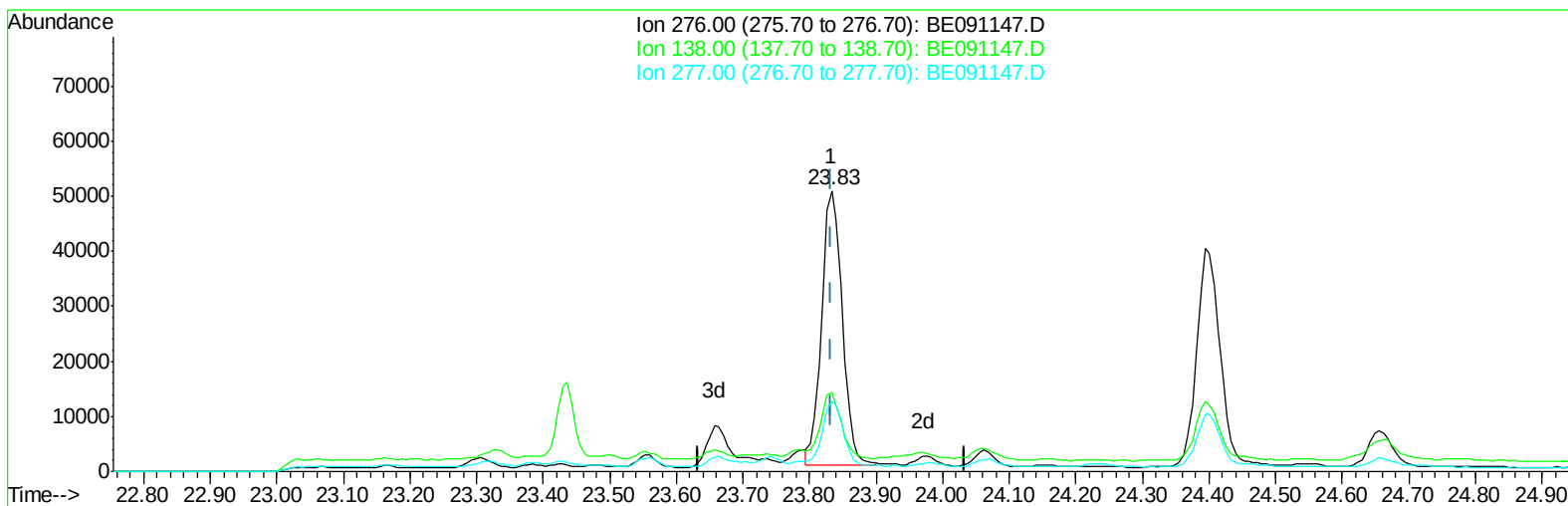
23.834min (+0.000) 0.22ng/ul

response 110913

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	25.59#
277.00	24.10	24.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:18:16 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



TIC: BE091147.D

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

23.834min (+0.000) 0.22ng/ul m

response 106376

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	26.69#
277.00	24.10	25.02
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091147.D
 Acq On : 12 Nov 2015 16:28
 Operator : UM/NP
 Sample : G4322-21MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:20:10 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	6.89	152	3128	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	17958	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11287	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	26893m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	36721	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	40817	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	12572	5.59	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	4138	0.17	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	10451	0.14	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	9.61	128	1543	0.03	ng/ul#	82
9) Acenaphthylene	13.14	152	2474	0.04	ng/ul#	88
13) Pentachlorophenol	15.88	266	1037	0.41	ng/ul	98
14) Phenanthrene	16.16	178	116711	0.38	ng/ul	98
15) Anthracene	16.25	178	21551m	0.08	ng/ul	
17) Fluoranthene	18.15	202	327738	0.90	ng/ul	90
19) Pyrene	18.53	202	304086	0.73	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	31781m	0.34	ng/ul	
21) Chrysene	20.31	228	45059	0.41	ng/ul	97
23) Benzo(b)fluoranthene	21.62	252	41804	0.33	ng/ul	98
24) Benzo(k)fluoranthene	21.65	252	34303m	0.26	ng/ul	
25) Benzo(a)pyrene	22.09	252	37179	0.32	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	23.83	276	106376m	0.22	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	6302	0.05	ng/ul#	69
28) Benzo(g,h,i)perylene	24.39	276	99010	0.19	ng/ul	99

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

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091147.D
Acq On : 12 Nov 2015 16:28
Operator : UM/NP
Sample : G4322-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 13 17:20:10 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

