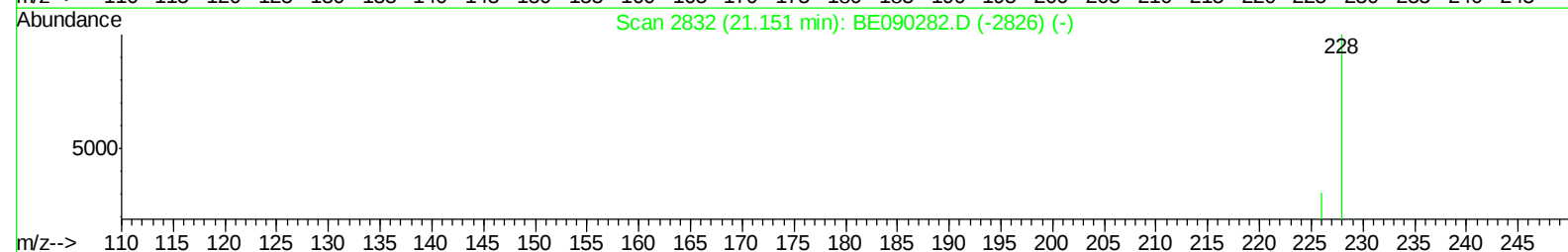
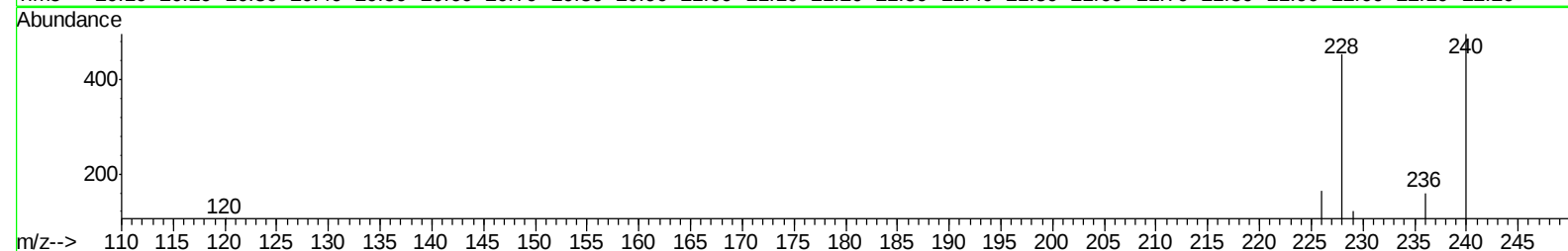
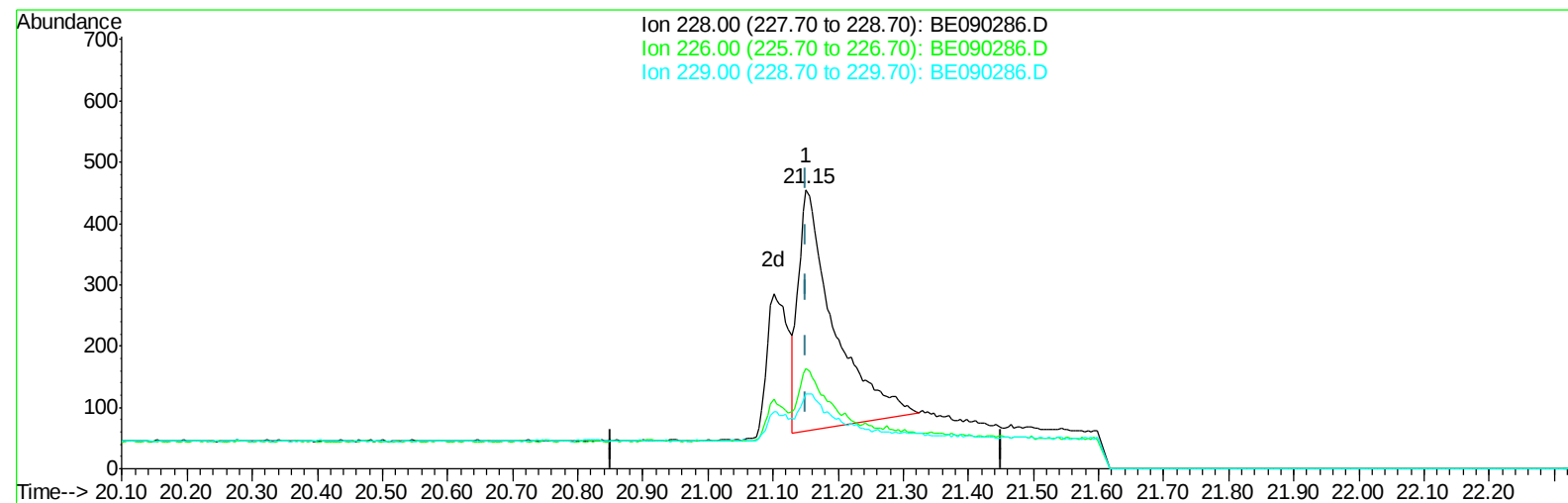


Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



TIC: BE090286.D

(19) Chrysene

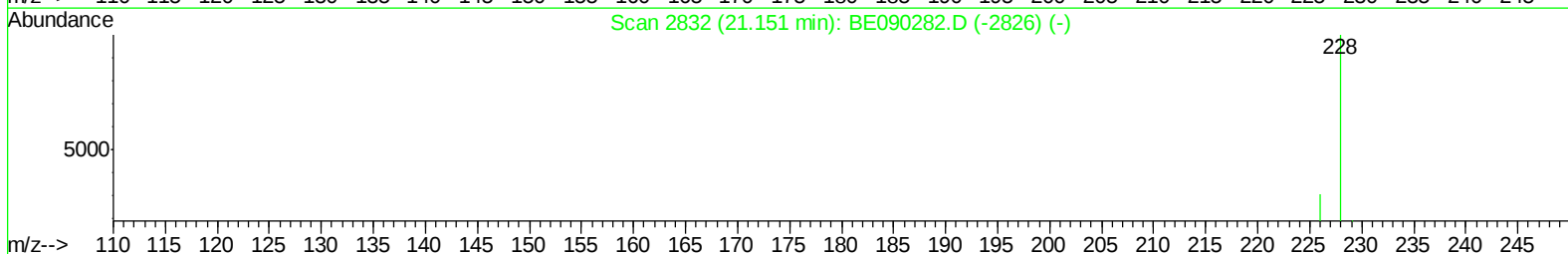
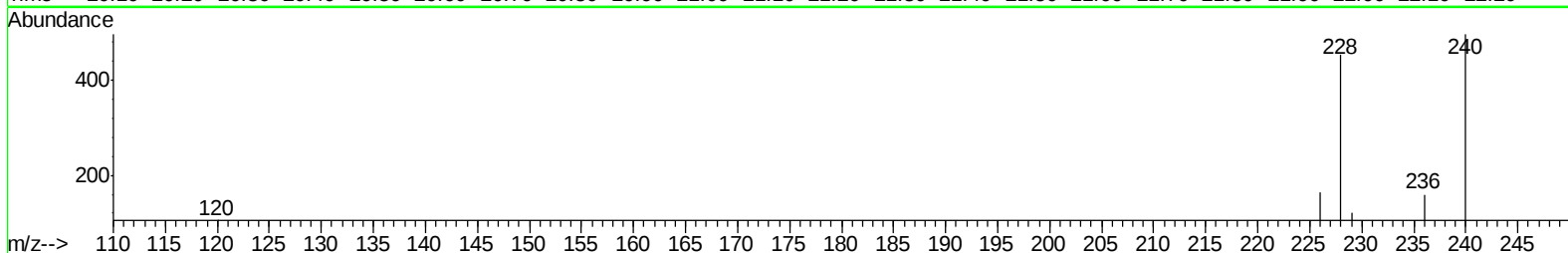
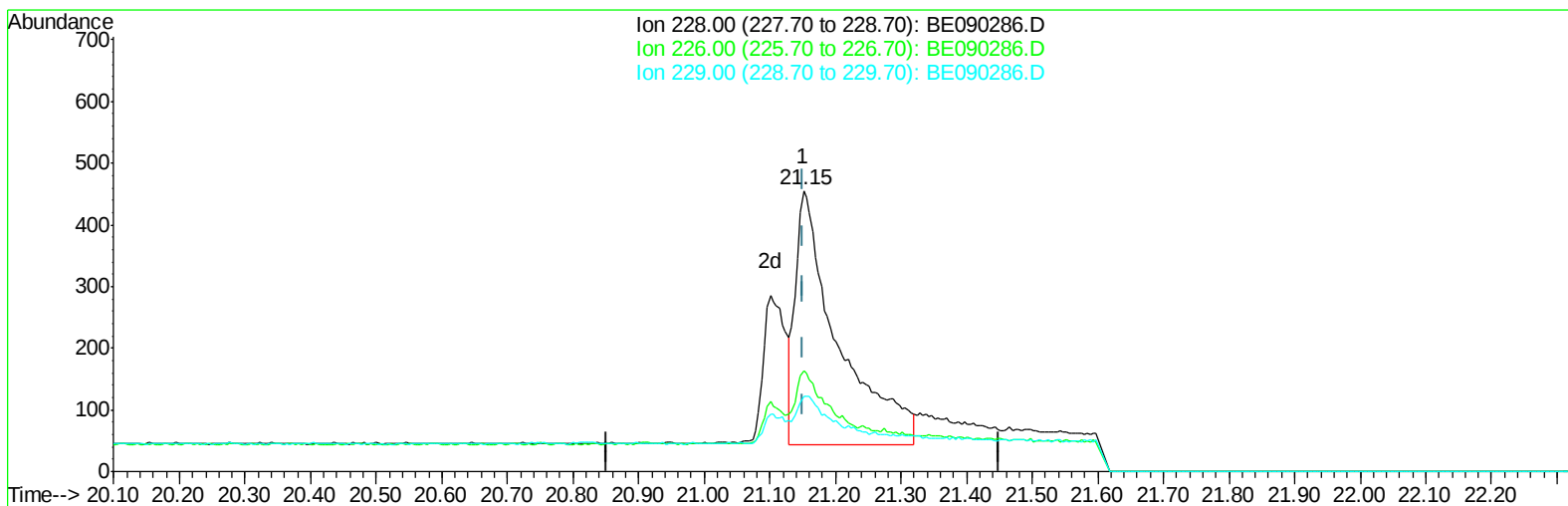
21.151min (-0.000) 0.09ng/ul

response 1508

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	36.04
229.00	20.70	26.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



TIC: BE090286.D

(19) Chrysene

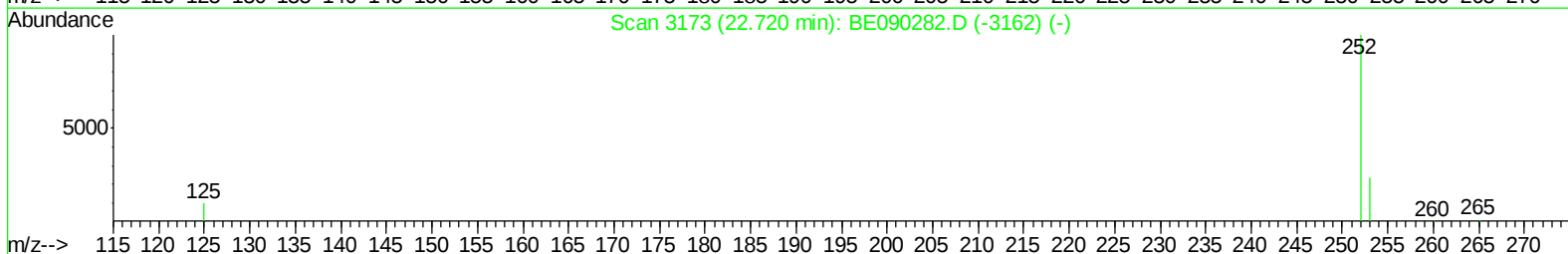
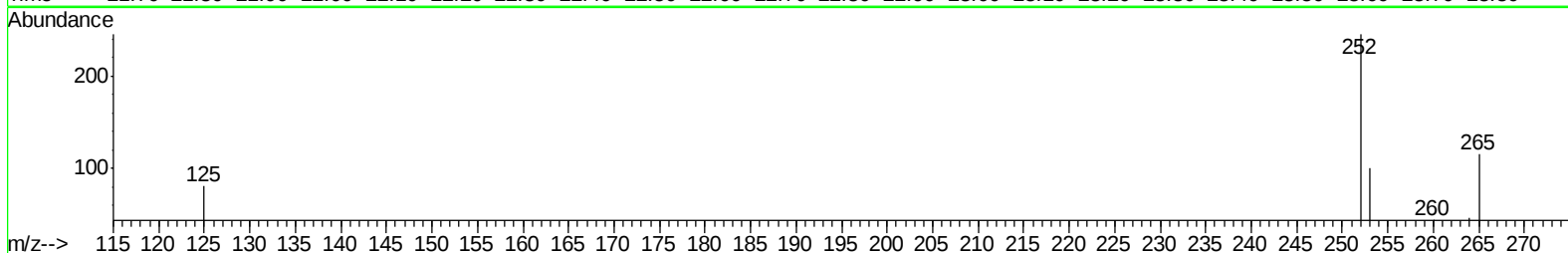
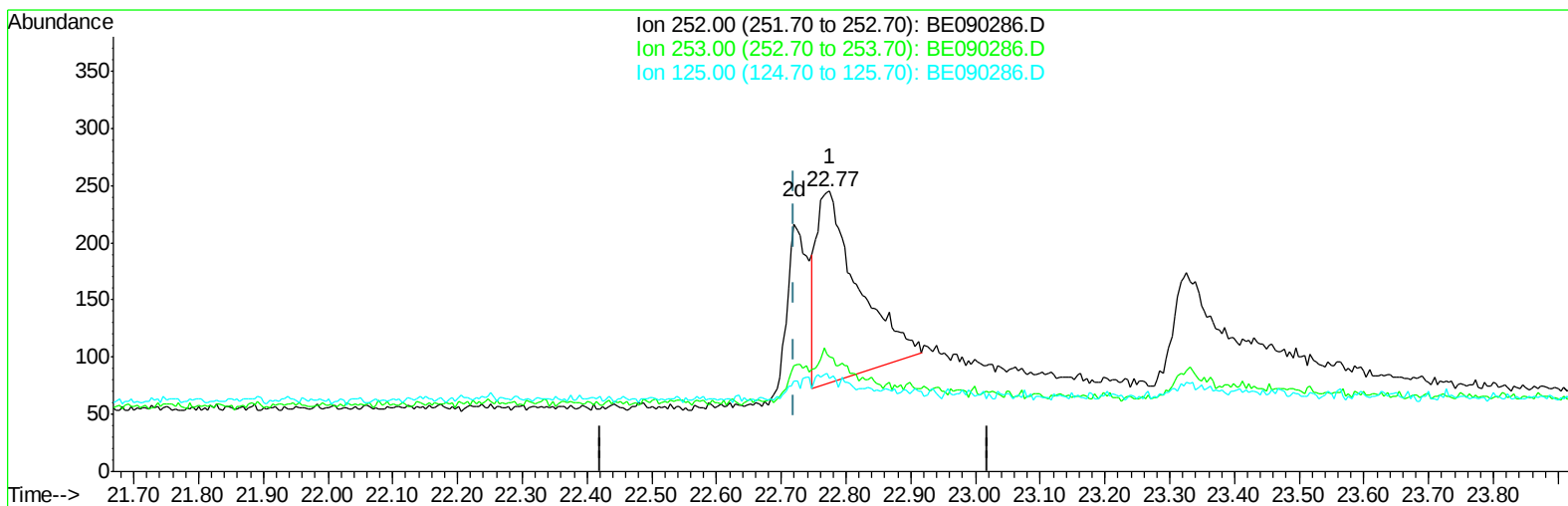
21.151min (-0.000) 0.11ng/ul m

response 1848

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	36.04
229.00	20.70	26.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



TIC: BE090286.D

(21) Benzo(b)fluoranthene

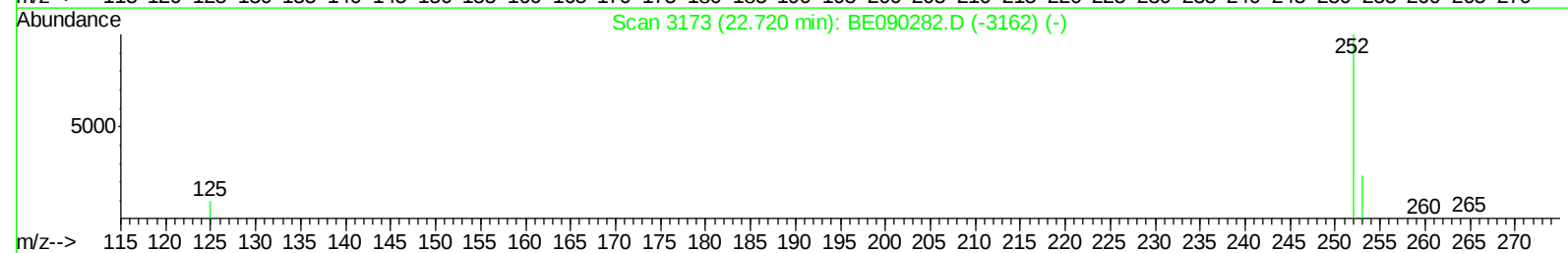
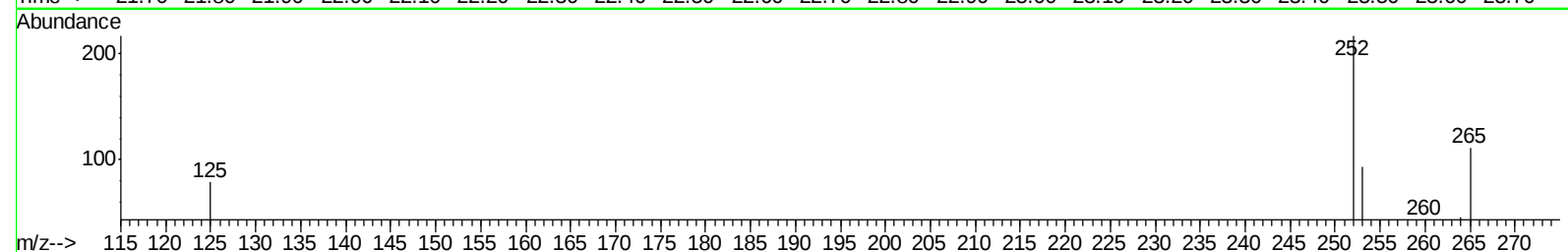
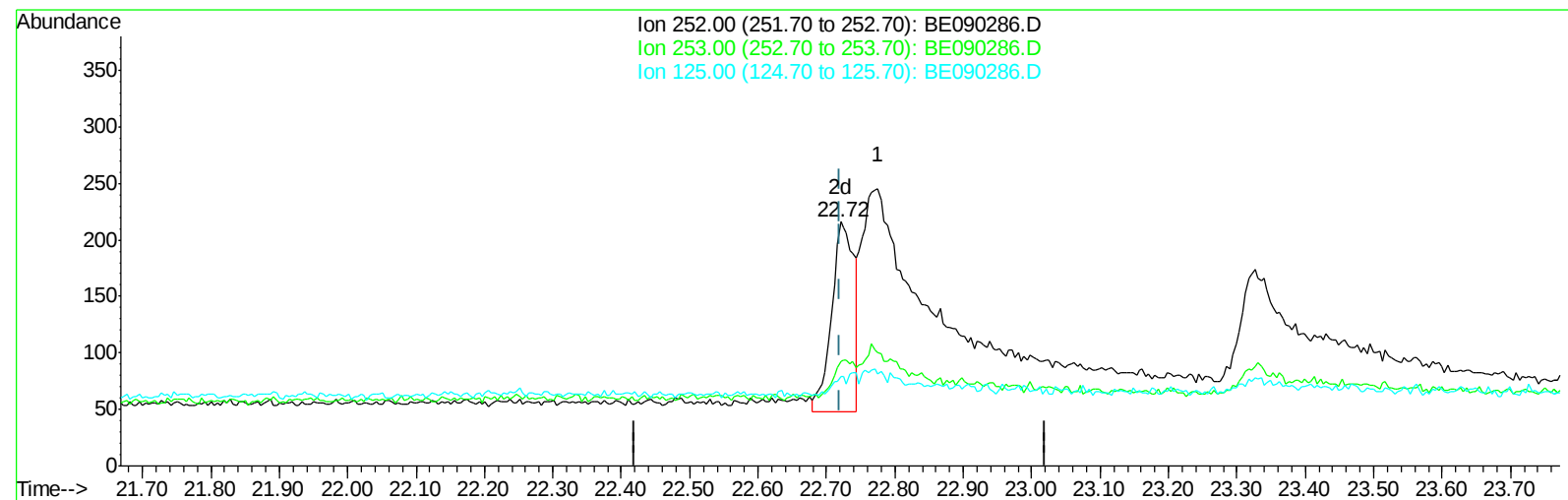
22.775min (+0.055) 0.20ng/ul

response 748

Ion	Exp%	Act%
252.00	100	100
253.00	28.60	40.82
125.00	17.30	33.06
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



TIC: BE090286.D

(21) Benzo(b)fluoranthene

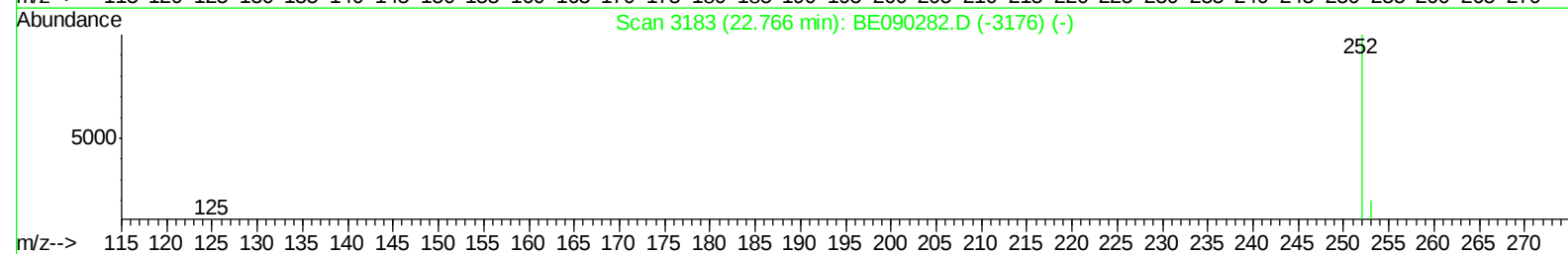
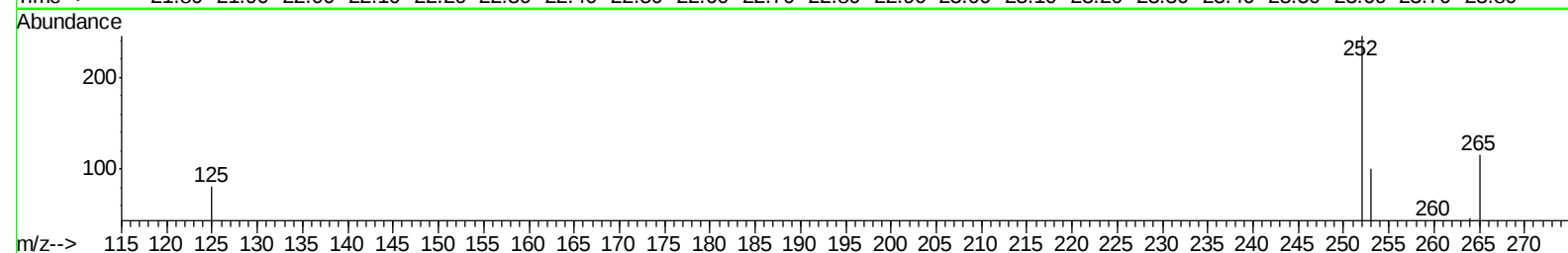
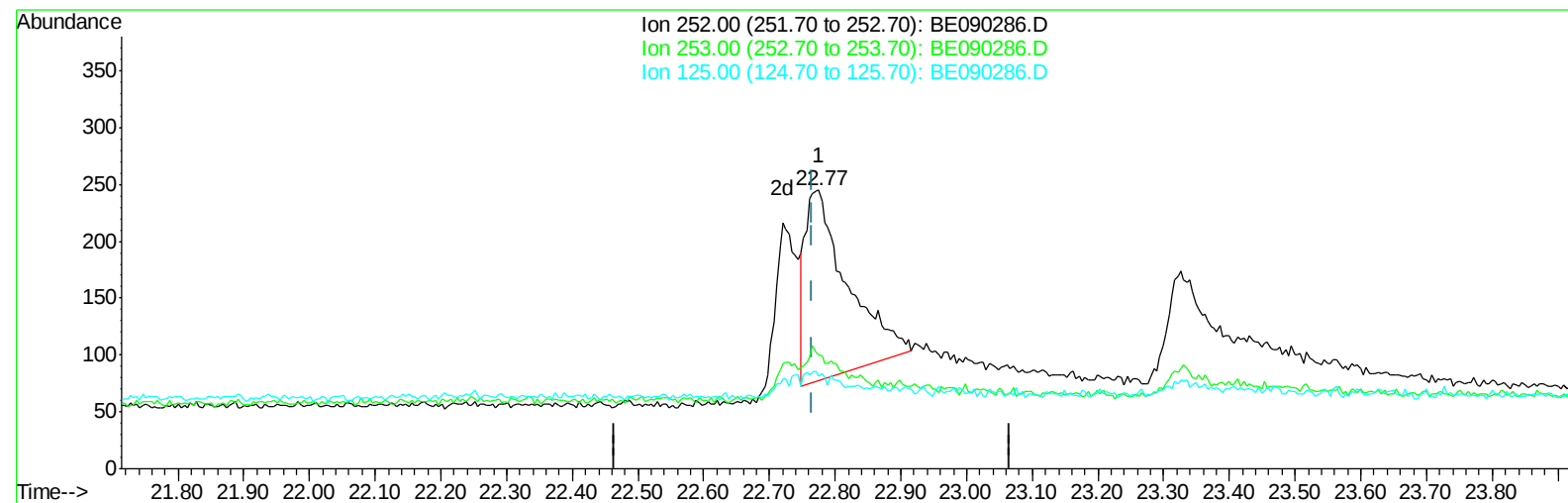
22.720min (-0.000) 0.10ng/ul m

response 384

Ion	Exp%	Act%
252.00	100	100
253.00	28.60	43.06
125.00	17.30	36.57#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



TIC: BE090286.D

(22) Benzo(k)fluoranthene

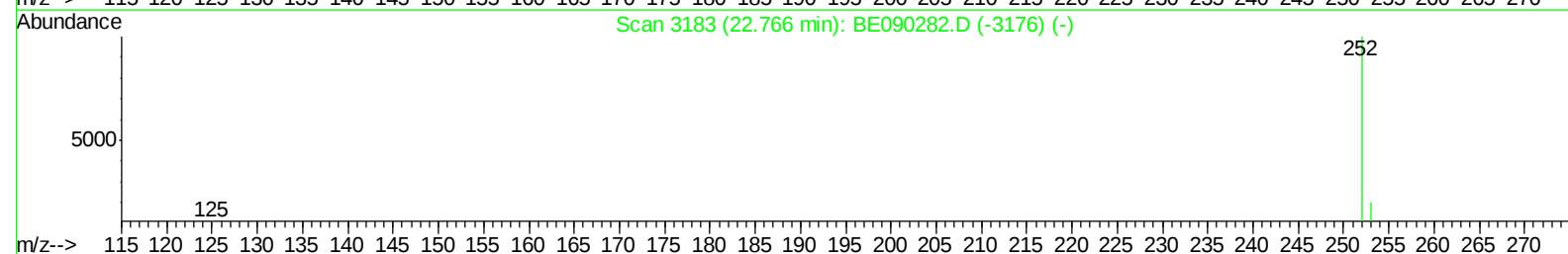
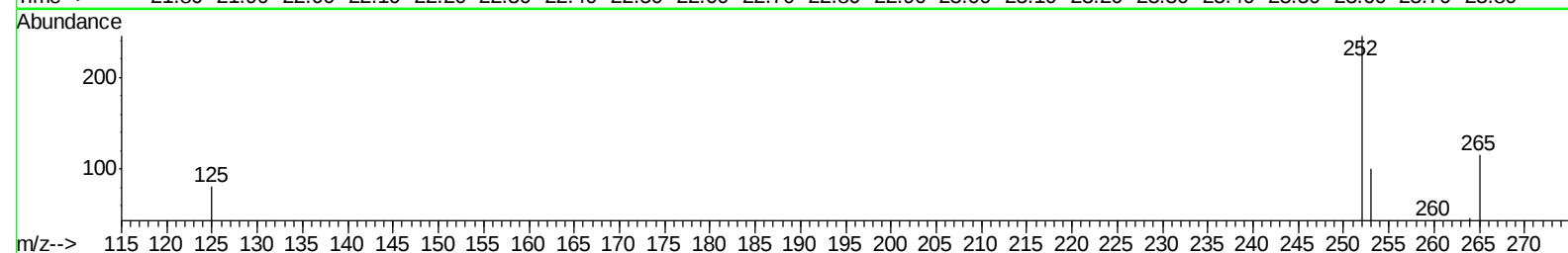
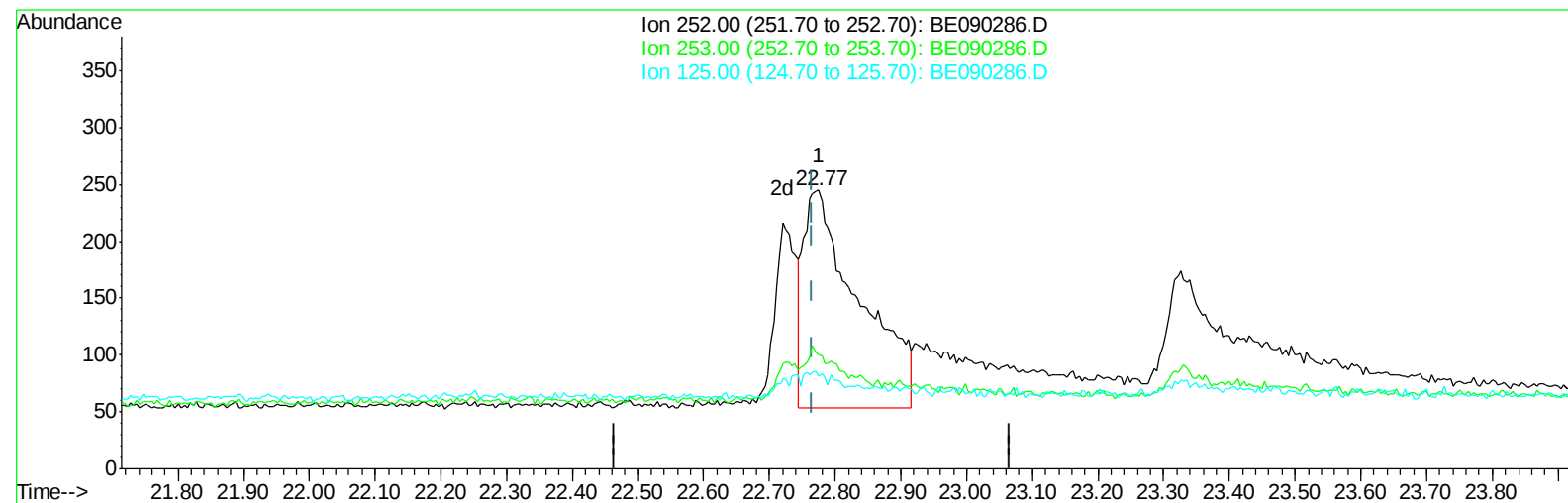
22.775min (+0.009) 0.06ng/ul

response 748

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.82#
125.00	16.60	33.06#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



TIC: BE090286.D

(22) Benzo(k)fluoranthene

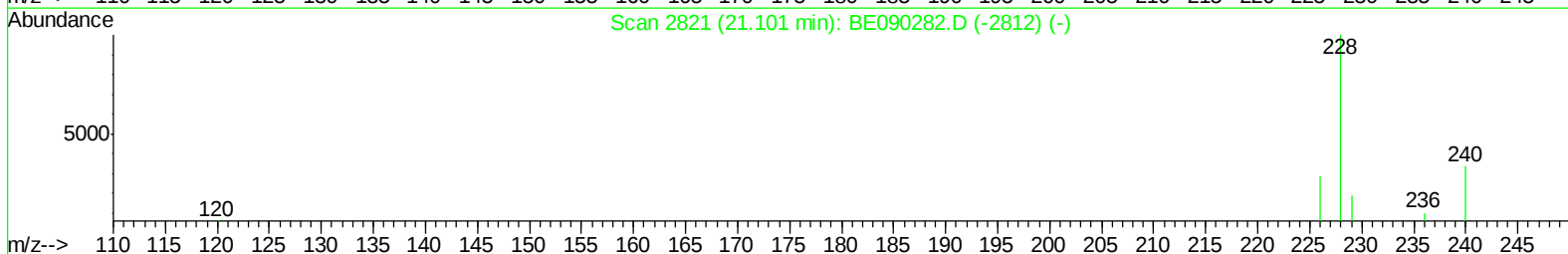
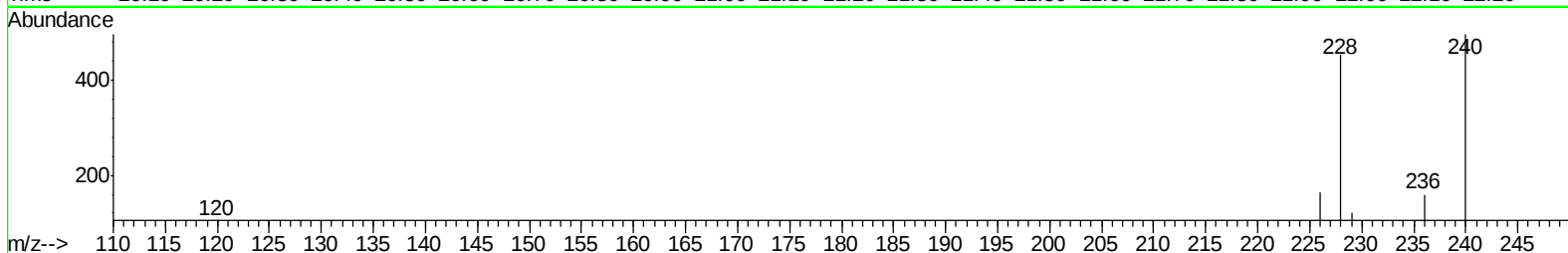
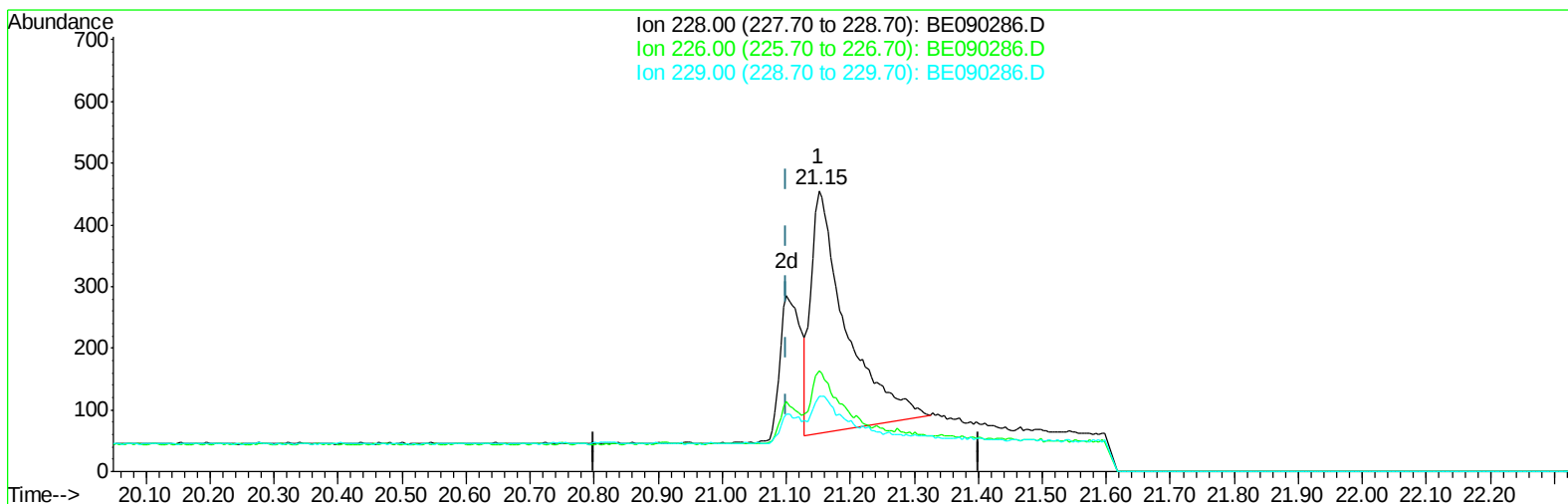
22.775min (+0.009) 0.10ng/ul m

response 1128

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.82#
125.00	16.60	33.06#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



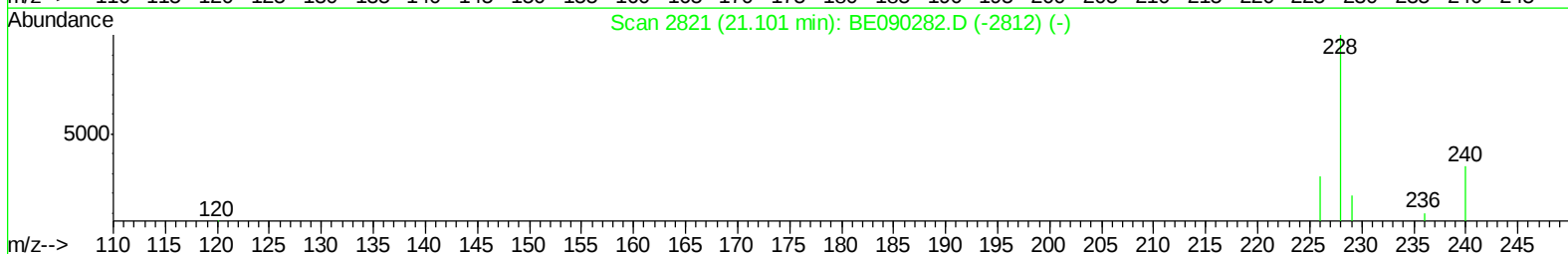
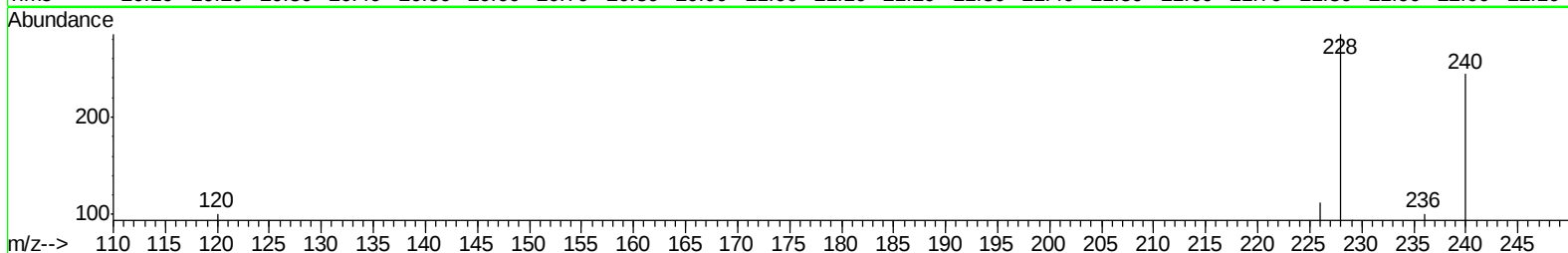
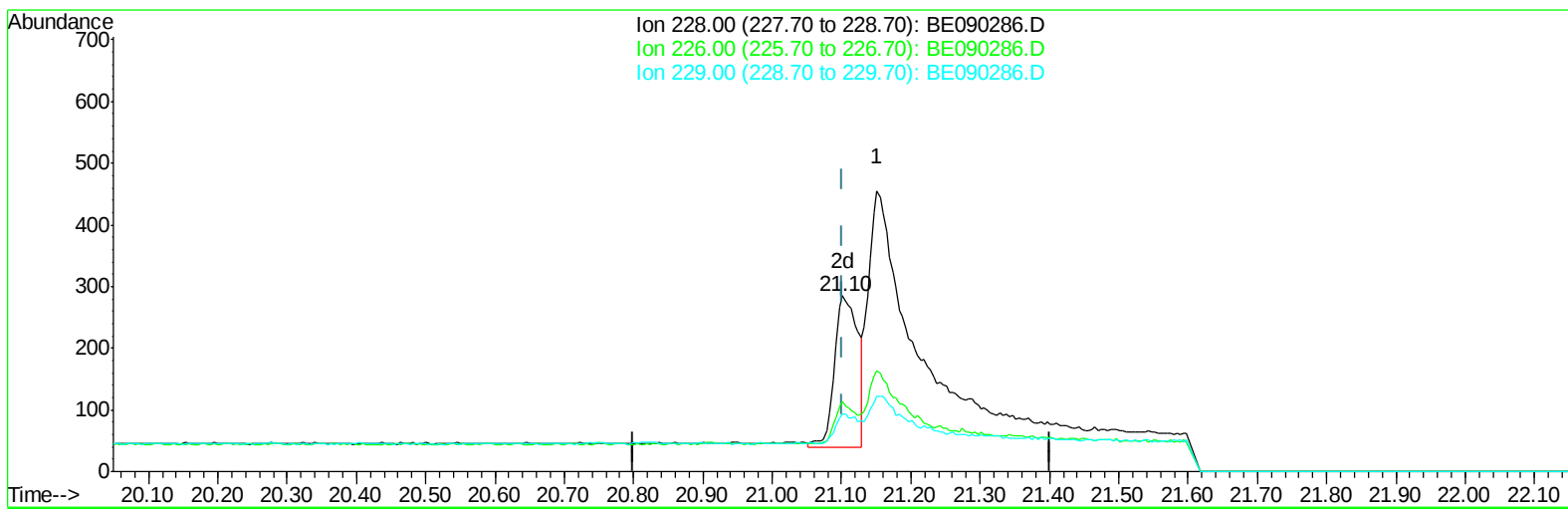
TIC: BE090286.D

(18) Benzo(a)anthracene
21.151min (+0.050) 0.26ng/ul
response 1508

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	36.04
229.00	22.40	26.81
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



TIC: BE090286.D

(18) Benzo(a)anthracene

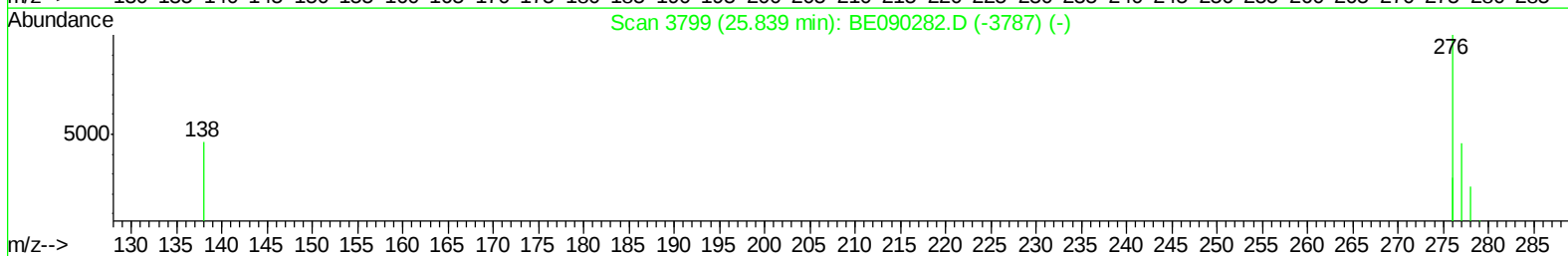
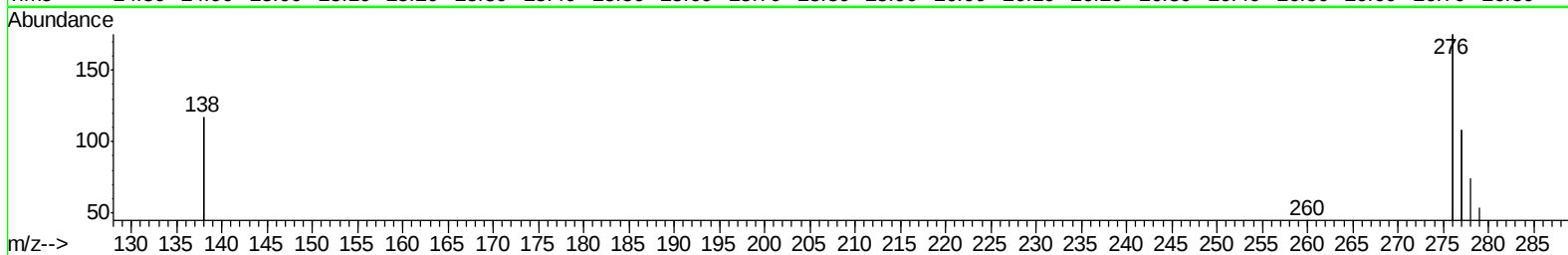
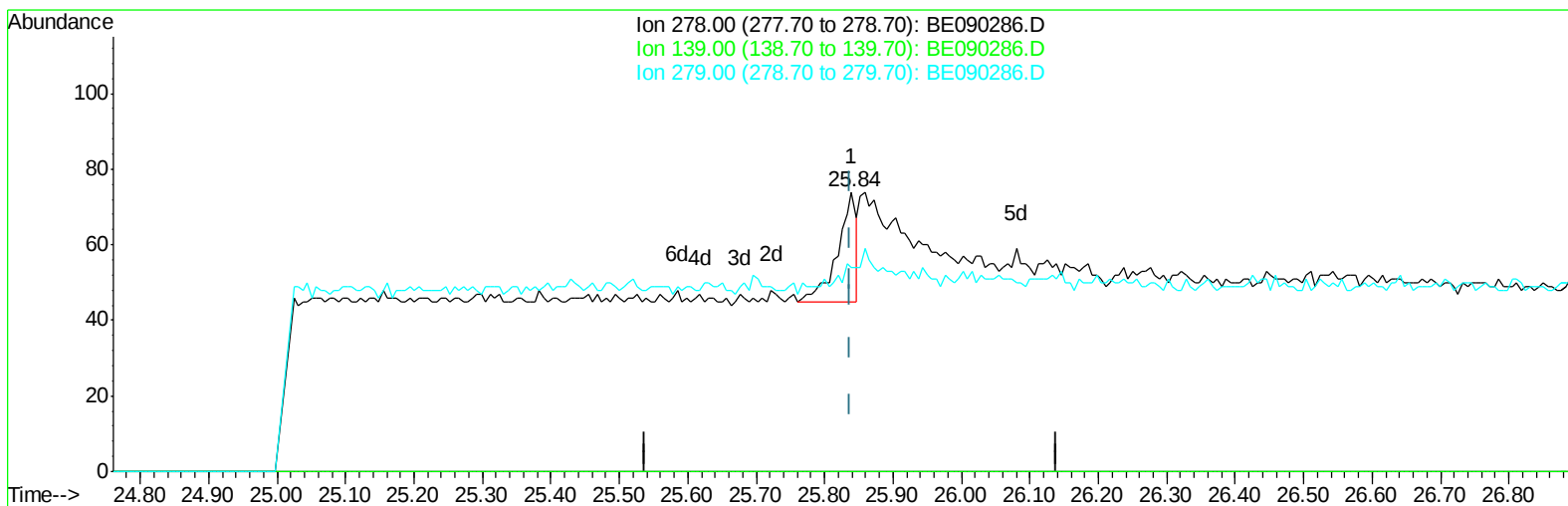
21.101min (-0.000) 0.10ng/ul m

response 585

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	39.65#
229.00	22.40	32.98#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



TIC: BE090286.D

(25) Dibenzo(a,h)anthracene

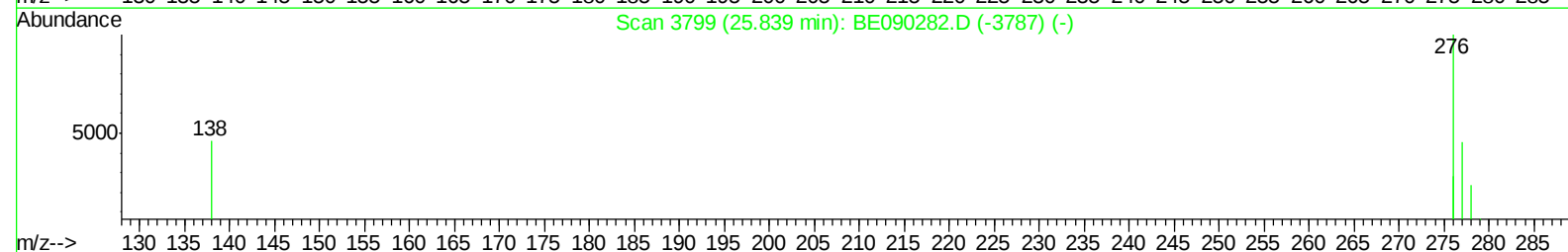
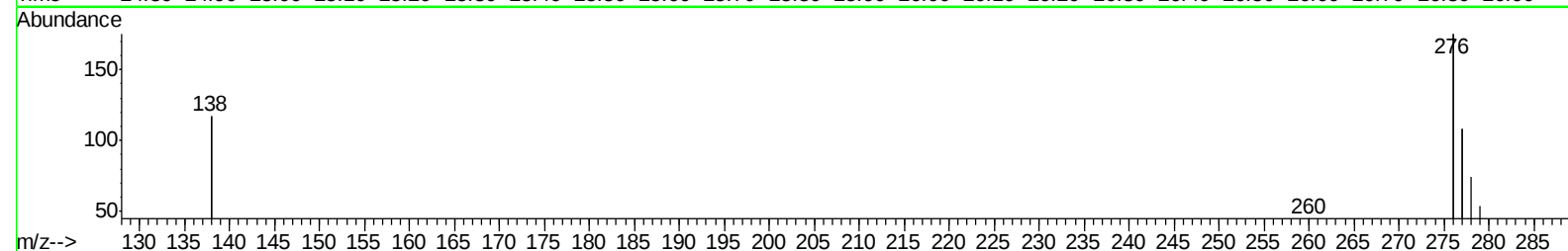
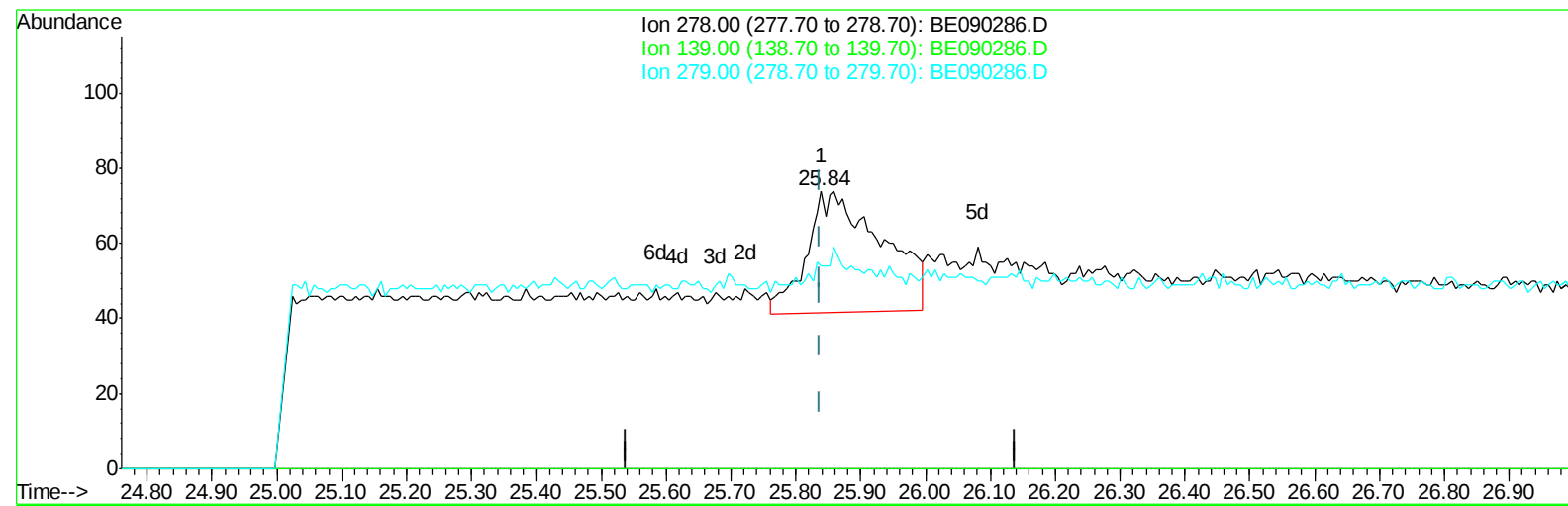
25.839min (+0.001) 0.03ng/ul

response 54

Ion	Exp%	Act%
278.00	100	100
139.00	0.00	0.00
279.00	46.70	72.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 01:56:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration



TIC: BE090286.D

(25) Dibenzo(a,h)anthracene

25.839min (+0.001) 0.15ng/ul m

response 271

Ion	Exp%	Act%
278.00	100	100
139.00	0.00	0.00
279.00	46.70	72.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
 Data File : BE090286.D
 Acq On : 29 Jul 2015 17:52
 Operator : TP/IZ
 Sample : MDL-04-S
 Misc : MDL-SIM2.2-SOIL-0.15PPM
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 02:26:15 2015

Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 30 01:55:31 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1068	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4333	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2600	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5852	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	3904	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2488	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	2229	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	5325	0.33	ng/ul	0.00

Target Compounds

						Ovalue
3) Naphthalene	10.41	128	1179	0.10	ng/ul#	85
5) 2-Methylnaphthalene	12.03	142	714	0.10	ng/ul	95
7) Acenaphthylene	13.93	152	5471	0.10	ng/ul#	90
8) Acenaphthene	14.27	153	3954	0.10	ng/ul	98
9) Fluorene	15.26	166	979	0.09	ng/ul#	94
11) Pentachlorophenol	16.64	266	34	0.09	ng/ul#	83
12) Phenanthrene	16.99	178	6270	0.10	ng/ul#	90
13) Anthracene	17.07	178	6192	0.10	ng/ul#	88
15) Fluoranthene	19.00	202	7490	0.10	ng/ul	93
17) Pyrene	19.36	202	7768	0.11	ng/ul#	91
18) Benzo(a)anthracene	21.10	228	585m	0.10	ng/ul	
19) Chrysene	21.15	228	1848m	0.11	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	384m	0.10	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	1128m	0.10	ng/ul	
23) Benzo(a)pyrene	23.33	252	439	0.09	ng/ul#	59
24) Indeno(1,2,3-cd)pyrene	25.83	276	1214	0.08	ng/ul#	66
25) Dibenzo(a,h)anthracene	25.84	278	271m	0.15	ng/ul	
26) Benzo(g,h,i)perylene	26.55	276	1786	0.08	ng/ul#	62

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090286.D
Acq On : 29 Jul 2015 17:52
Operator : TP/IZ
Sample : MDL-04-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 30 02:26:15 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 01:55:31 2015
Response via : Initial Calibration

