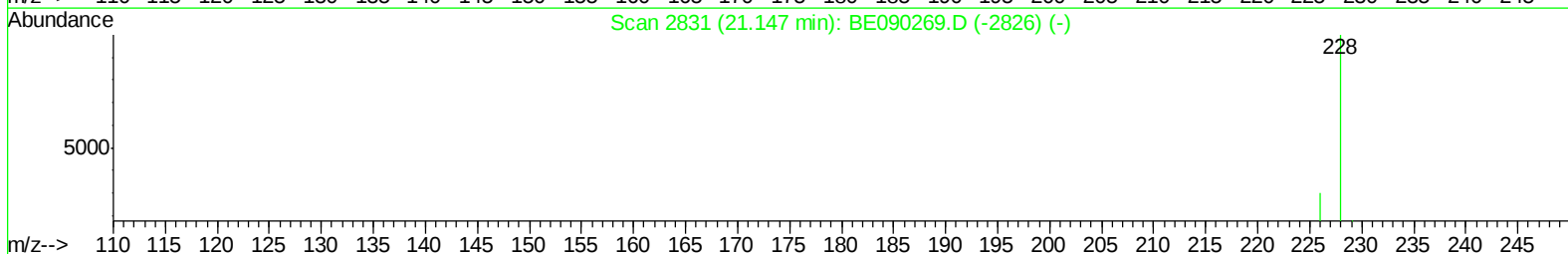
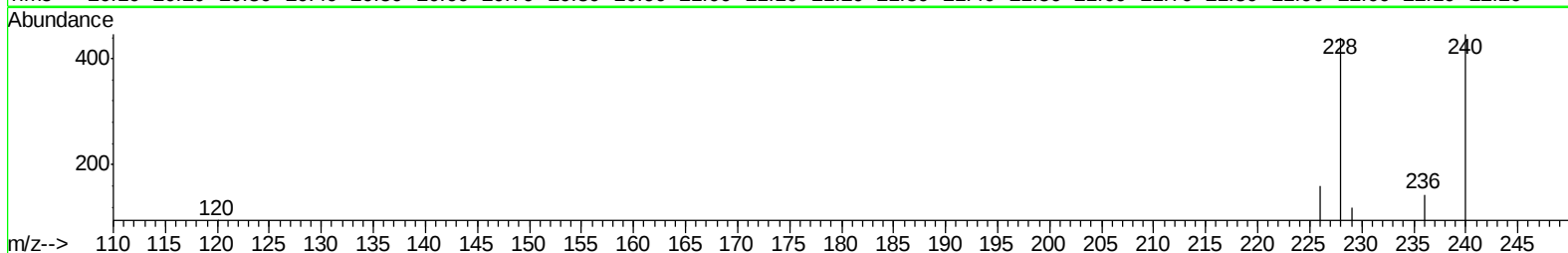
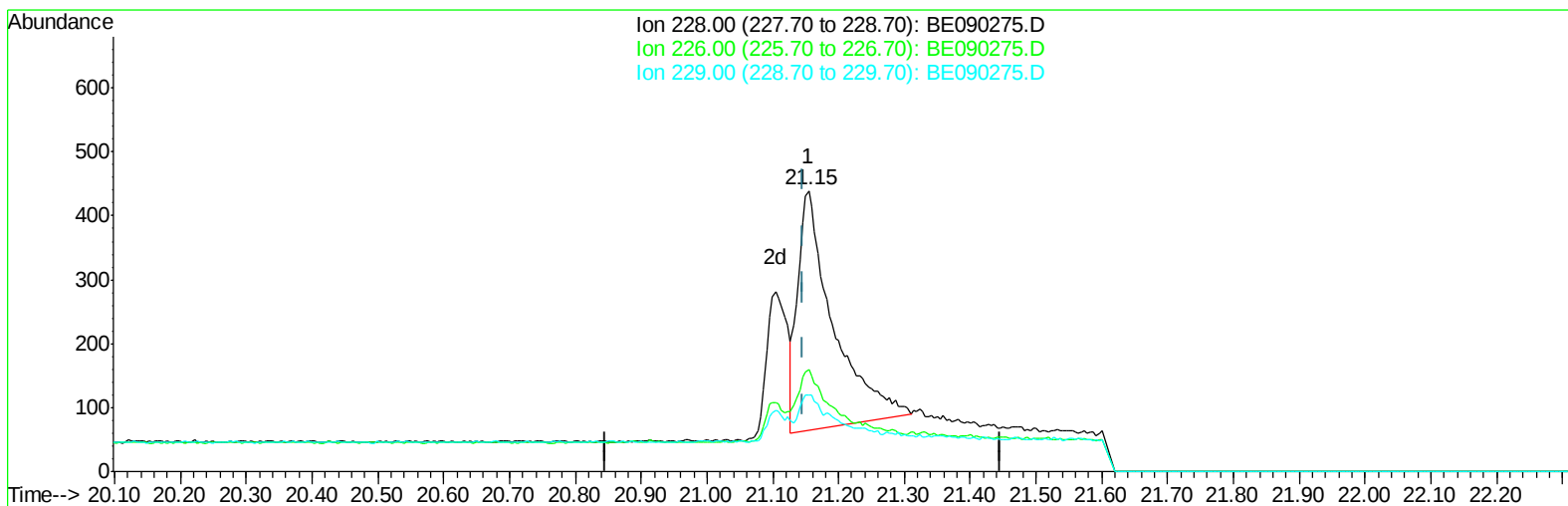


Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
Data File : BE090275.D
Acq On : 28 Jul 2015 18:51
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 04:35:14 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 : Wed Jul 29 04:26:58 2015
Response via : Initial Calibration



TIC: BE090275.D

(19) Chrysene

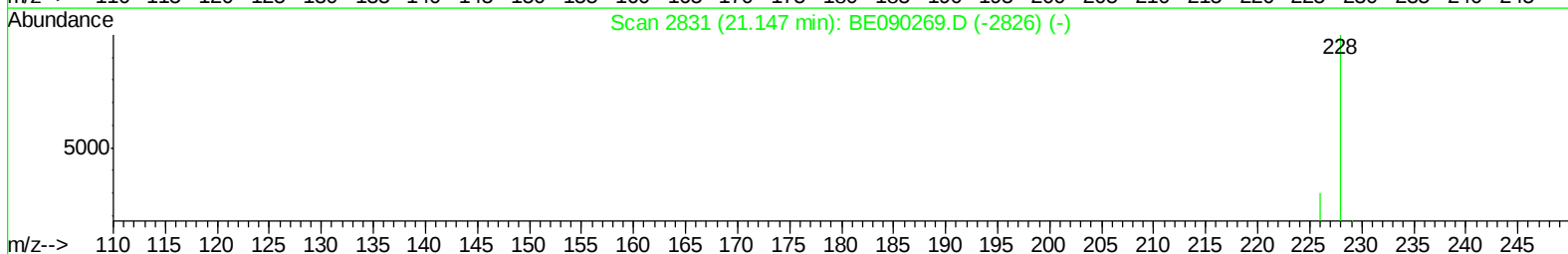
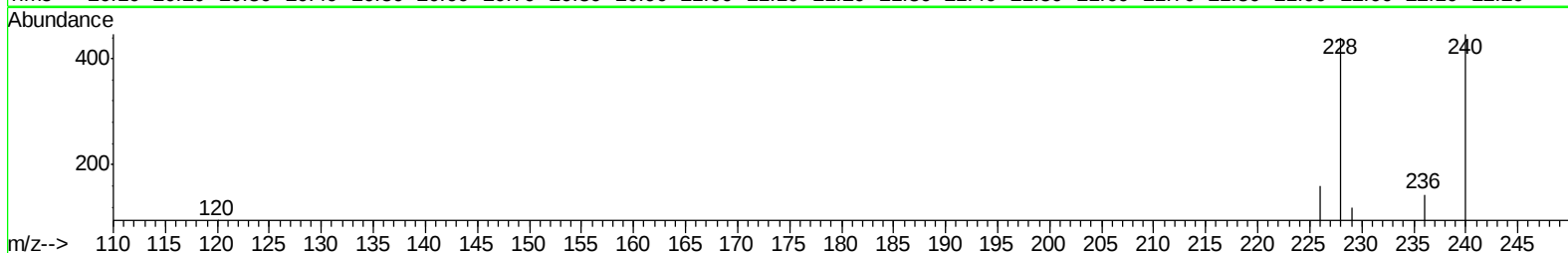
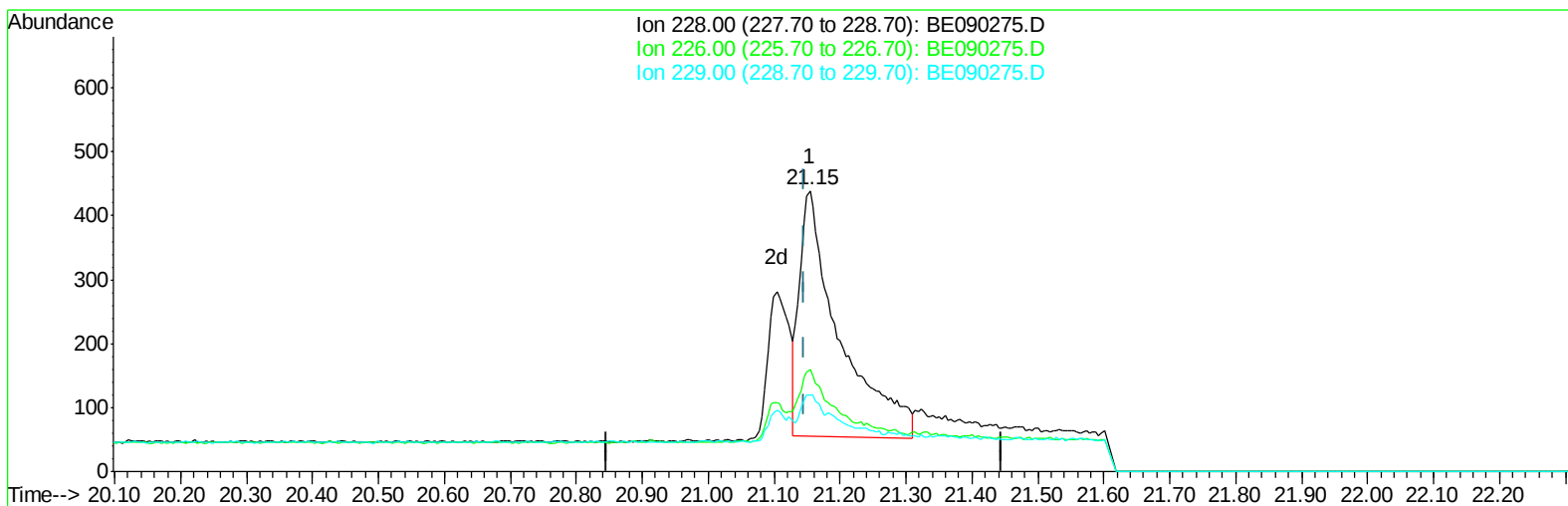
21.154min (+0.008) 0.10ng/ul

response 1403

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	36.22
229.00	20.70	27.33#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
Data File : BE090275.D
Acq On : 28 Jul 2015 18:51
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 04:35:14 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 : Wed Jul 29 04:26:58 2015
Response via : Initial Calibration



TIC: BE090275.D

(19) Chrysene

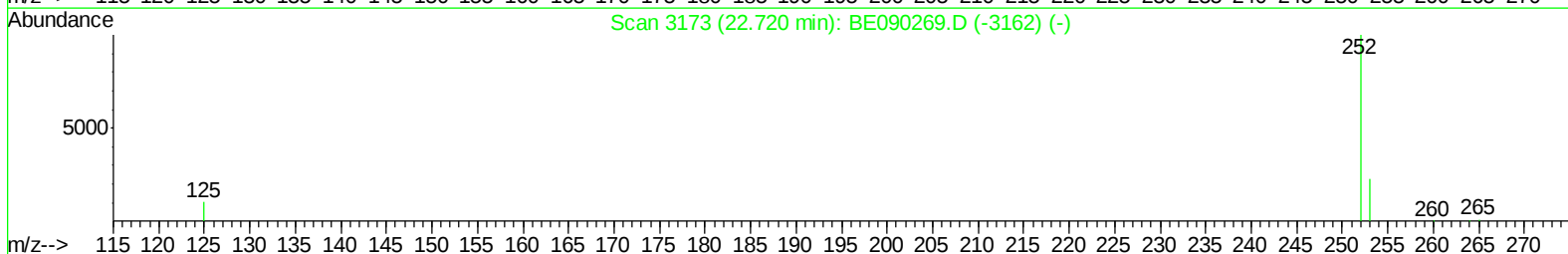
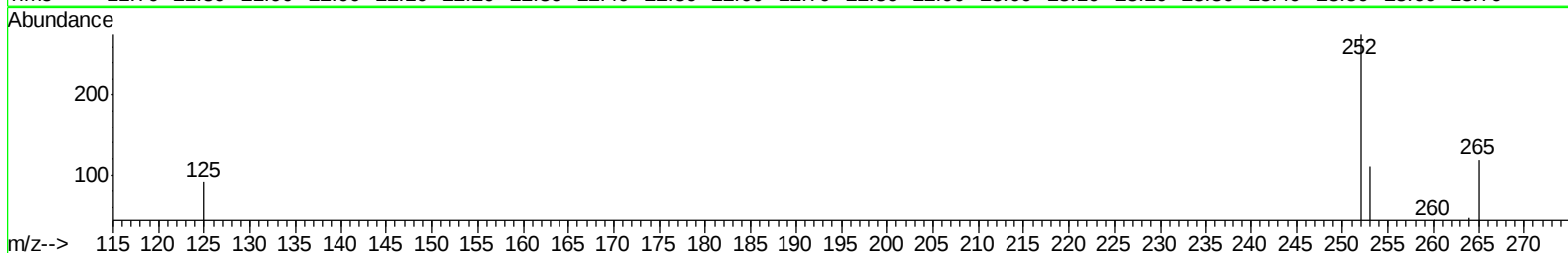
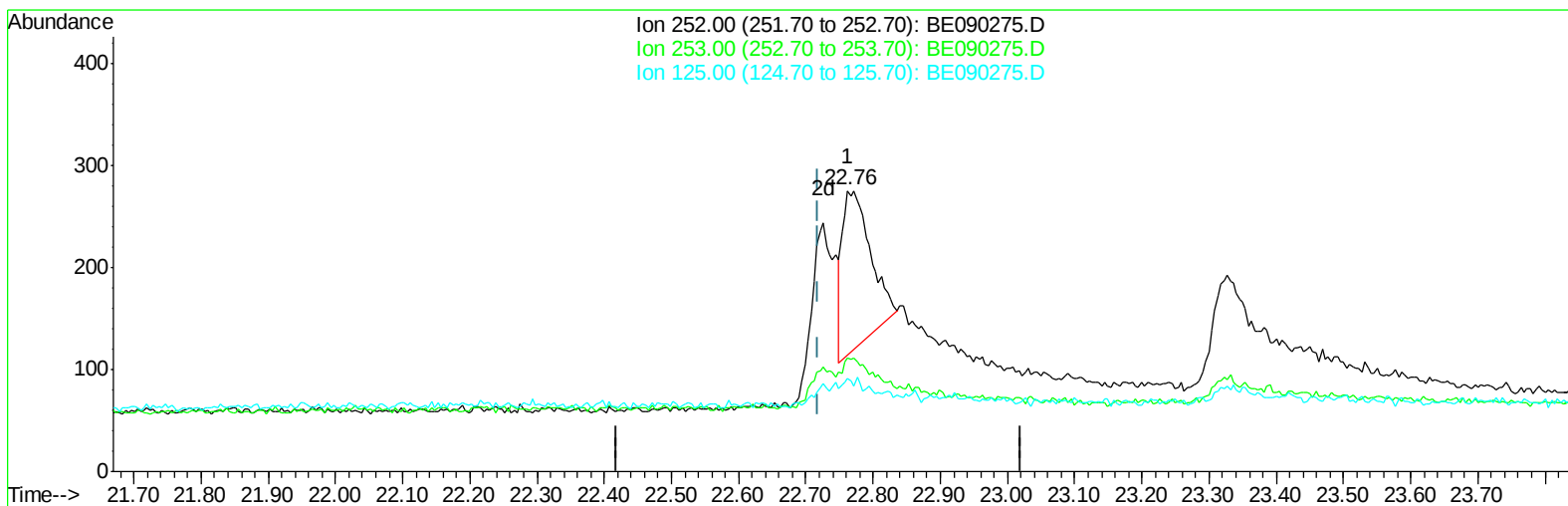
21.154min (+0.008) 0.12ng/ul m

response 1638

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	36.22
229.00	20.70	27.33#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
Data File : BE090275.D
Acq On : 28 Jul 2015 18:51
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 04:35:14 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE090275.D

(21) Benzo(b)fluoranthene

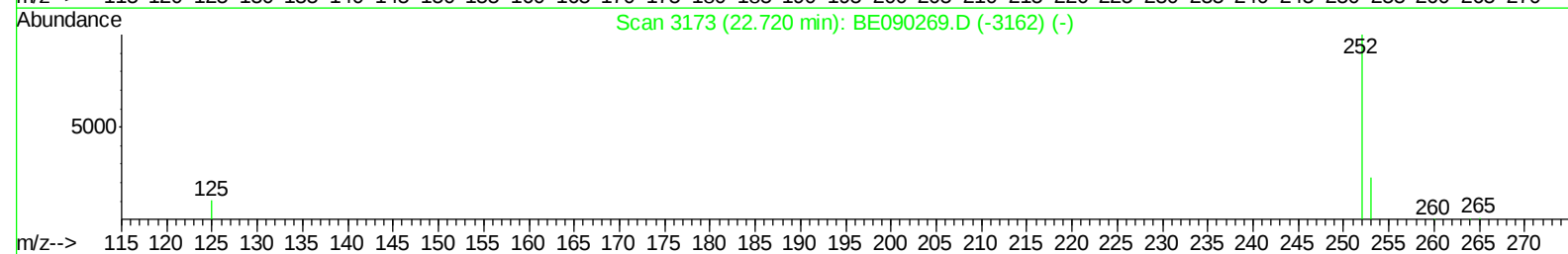
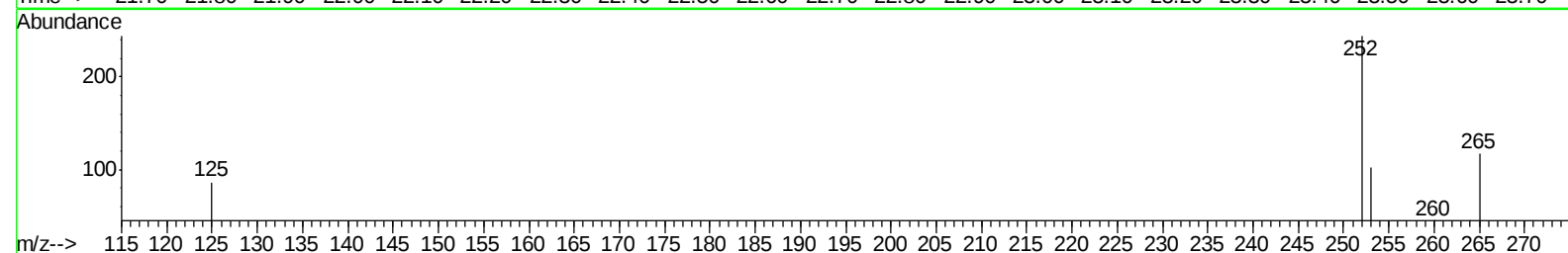
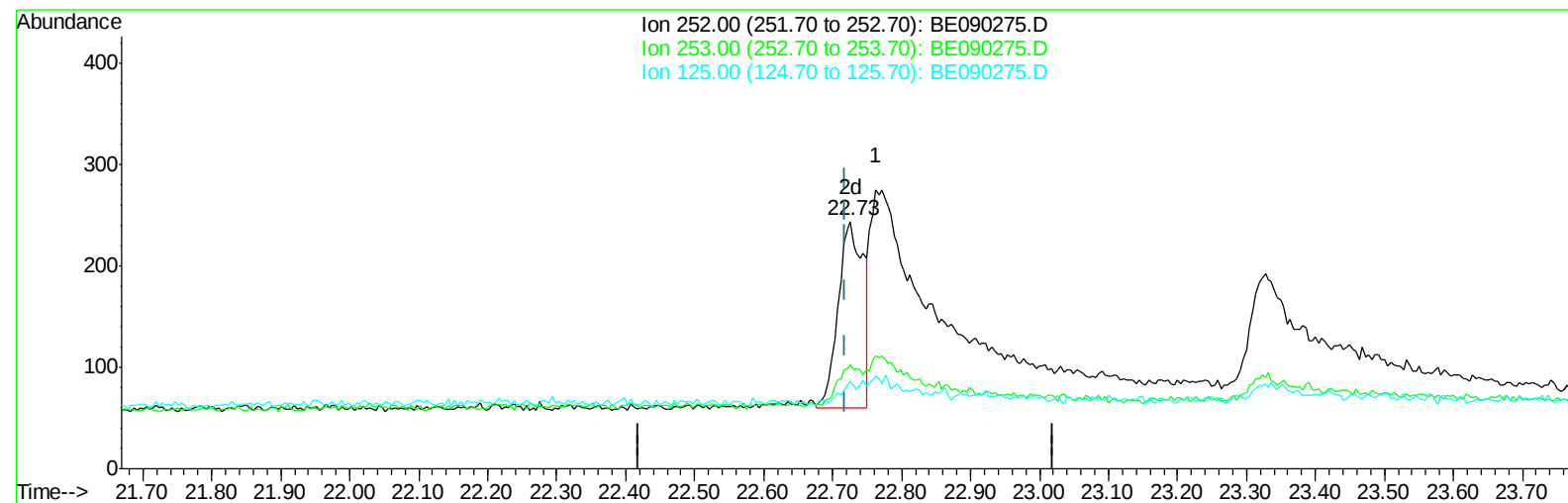
22.762min (+0.042) 0.12ng/ul

response 449

Ion	Exp%	Act%
252.00	100	100
253.00	28.60	40.36
125.00	17.30	33.09
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
Data File : BE090275.D
Acq On : 28 Jul 2015 18:51
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 04:35:14 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE090275.D

(21) Benzo(b)fluoranthene

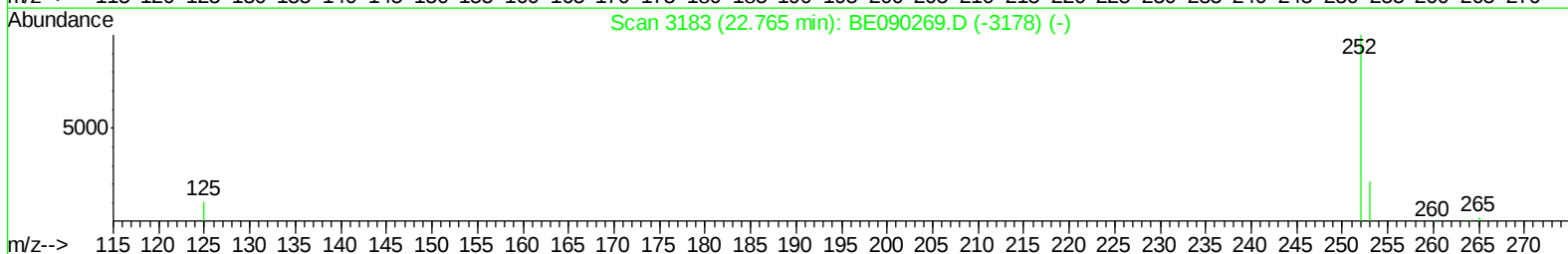
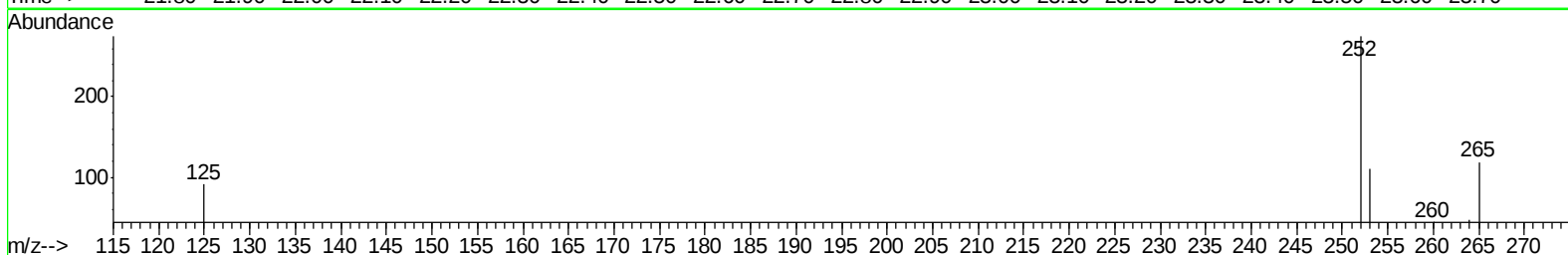
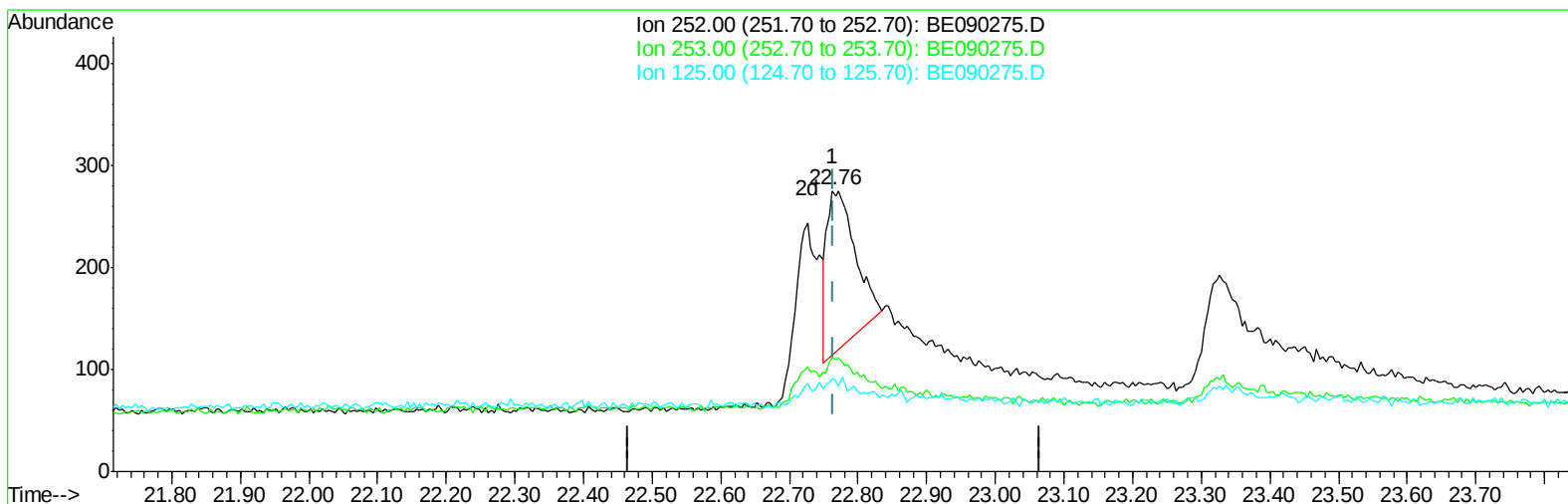
22.726min (+0.006) 0.12ng/ul m

response 457

Ion	Exp%	Act%
252.00	100	100
253.00	28.60	41.80
125.00	17.30	35.25#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
Data File : BE090275.D
Acq On : 28 Jul 2015 18:51
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 04:35:14 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M
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TIC: BE090275.D

(22) Benzo(k)fluoranthene

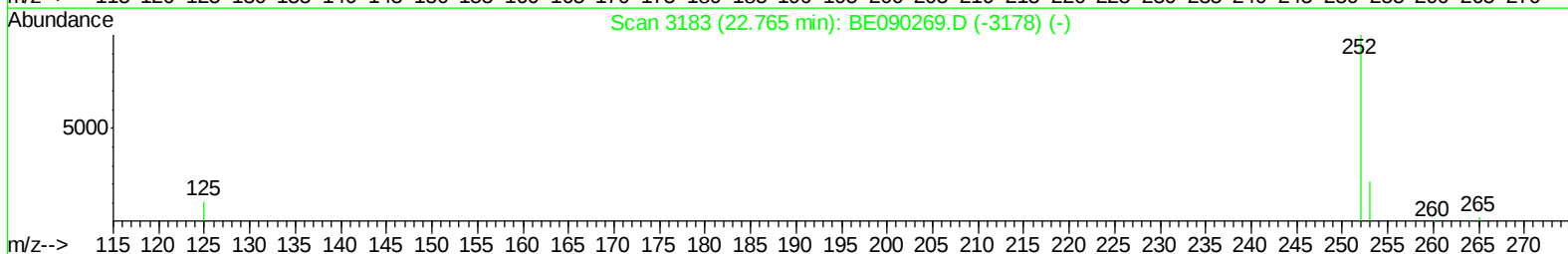
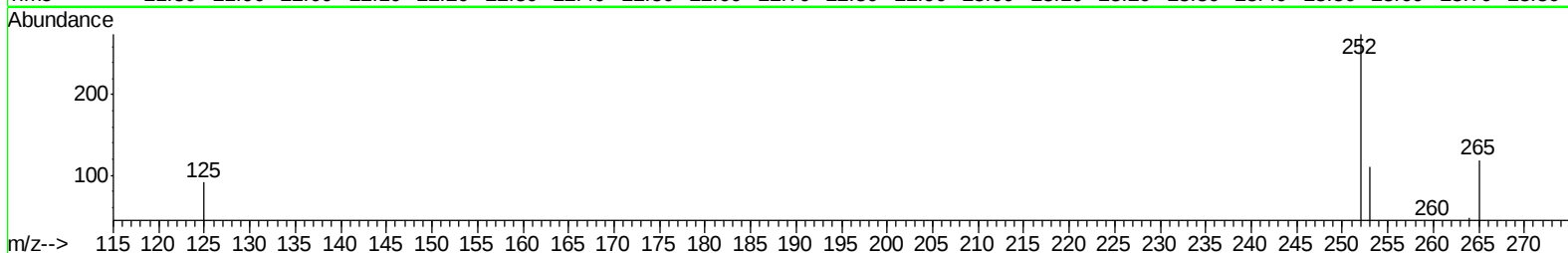
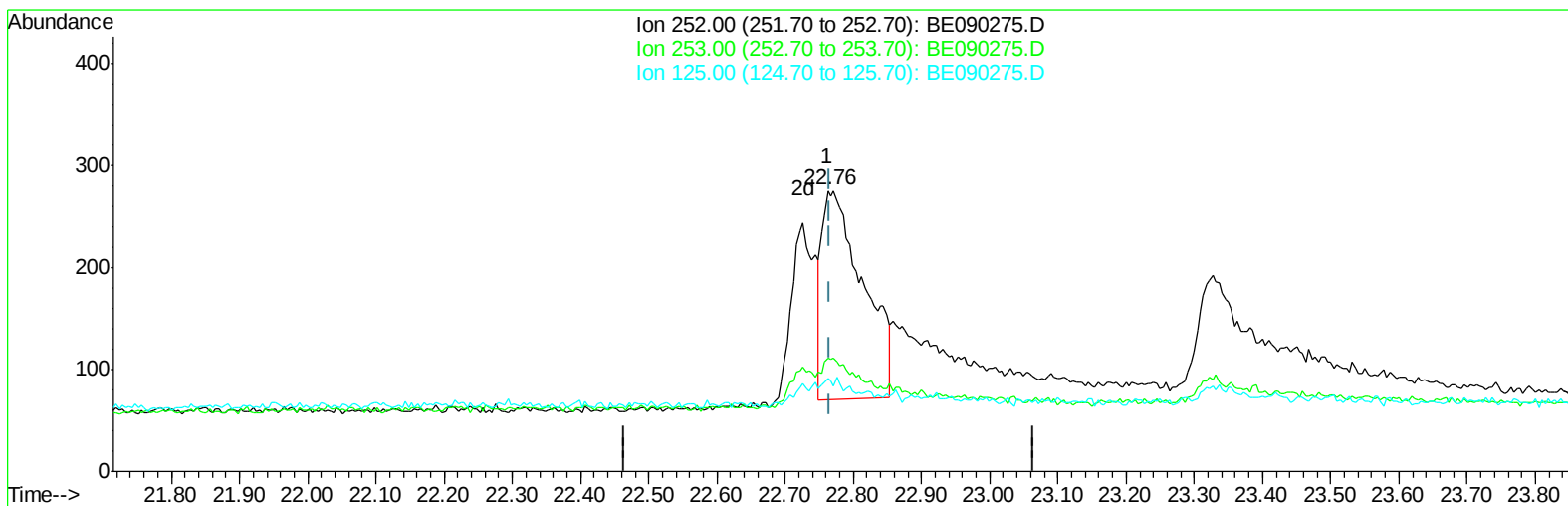
22.762min (-0.003) 0.04ng/ul

response 449

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.36#
125.00	16.60	33.09#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
Data File : BE090275.D
Acq On : 28 Jul 2015 18:51
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 04:35:14 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 : Wed Jul 29 04:26:58 2015
Response via : Initial Calibration



TIC: BE090275.D

(22) Benzo(k)fluoranthene

22.762min (-0.003) 0.07ng/ul m

response 858

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.36#
125.00	16.60	33.09#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
 Data File : BE090275.D
 Acq On : 28 Jul 2015 18:51
 Operator : TP/IZ
 Sample : MDL-03-S
 Misc : MDL-SIM-SOIL-0.15PPM
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 04:43:57 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 : Wed Jul 29 04:26:58 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1019	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	3988	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2336	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5125	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	3215	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	2596	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	2000	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	4673	0.33	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	10.41	128	1066	0.10	ng/ul#	83
5) 2-Methylnaphthalene	12.03	142	576	0.08	ng/ul	96
7) Acenaphthylene	13.93	152	4749	0.10	ng/ul#	87
8) Acenaphthene	14.27	153	3439	0.10	ng/ul	99
9) Fluorene	15.26	166	854	0.09	ng/ul#	92
12) Phenanthrene	16.99	178	5429	0.10	ng/ul#	89
13) Anthracene	17.07	178	5454	0.10	ng/ul#	84
15) Fluoranthene	19.00	202	6757	0.10	ng/ul	92
17) Pyrene	19.36	202	6725	0.11	ng/ul#	91
18) Benzo(a)anthracene	21.10	228	525	0.11	ng/ul#	81
19) Chrysene	21.15	228	1638m	0.12	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	457m	0.12	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	858m	0.07	ng/ul	
23) Benzo(a)pyrene	23.33	252	408	0.08	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.83	276	1487	0.09	ng/ul	98
25) Dibenzo(a,h)anthracene	25.85	278	239	0.12	ng/ul#	72
26) Benzo(g,h,i)perylene	26.56	276	2336	0.10	ng/ul#	70

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

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