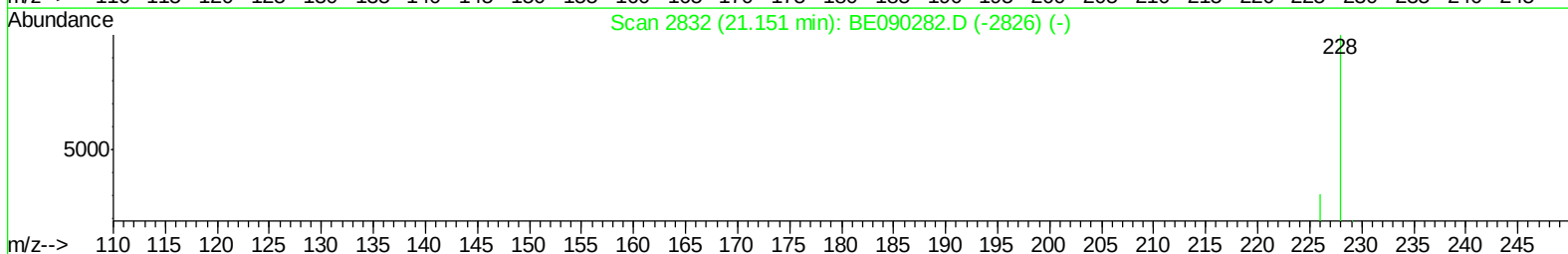
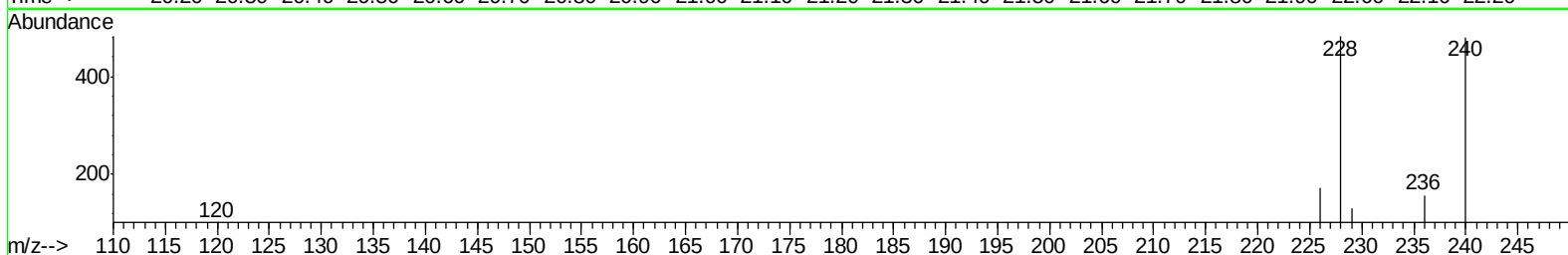
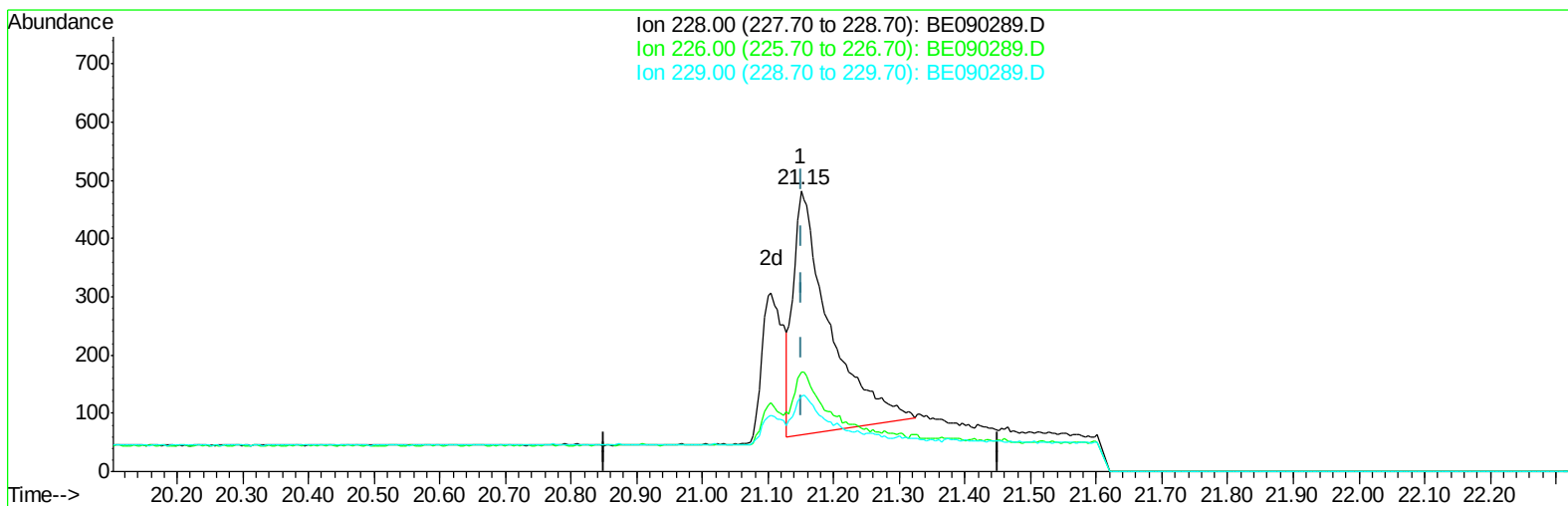


Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090289.D
Acq On : 29 Jul 2015 19:43
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 30 01:57:22 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: BE090289.D

(19) Chrysene

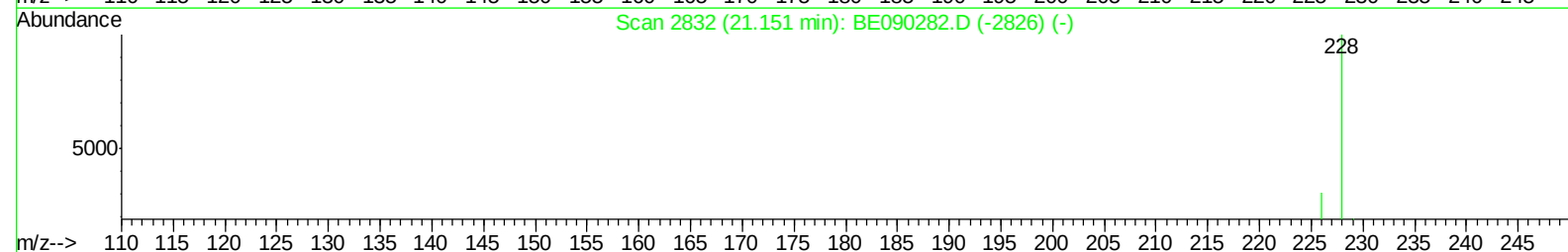
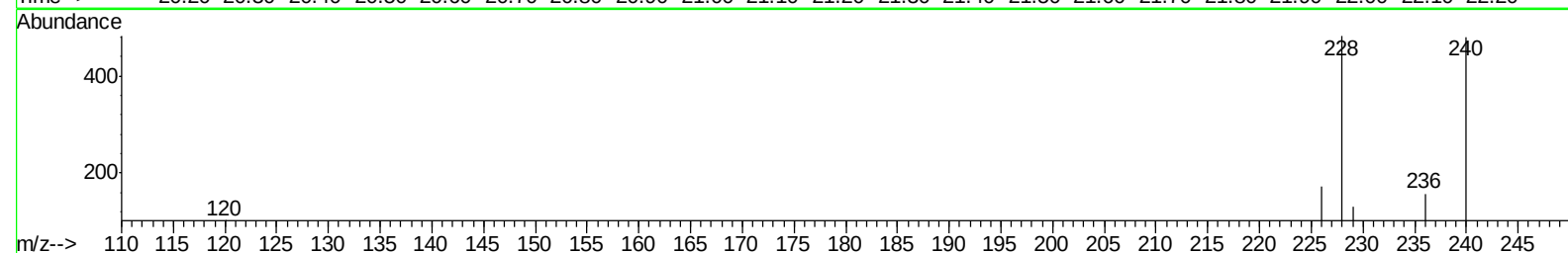
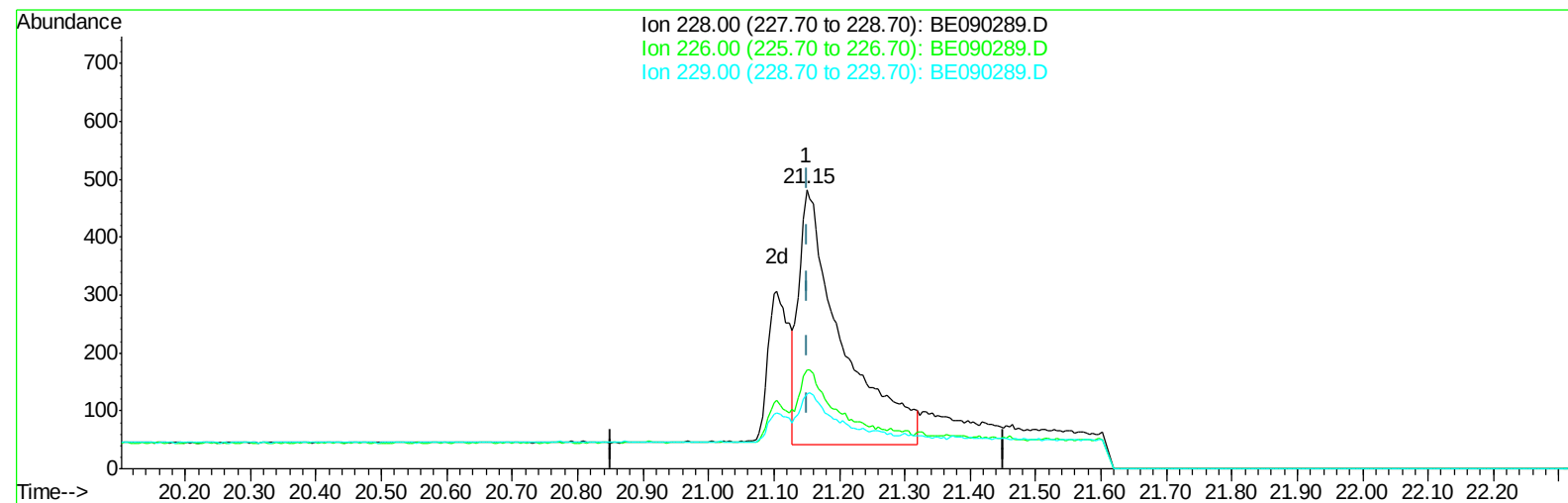
21.150min (-0.001) 0.10ng/ul

response 1615

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	35.68
229.00	20.70	26.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090289.D
Acq On : 29 Jul 2015 19:43
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 30 01:57:22 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: BE090289.D

(19) Chrysene

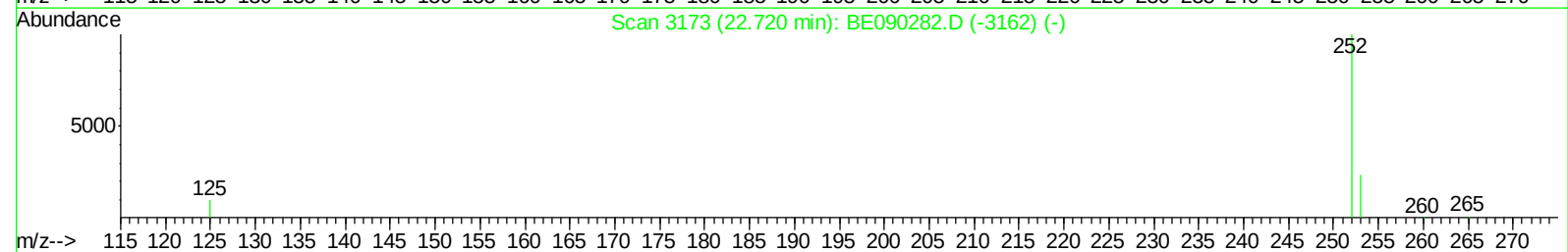
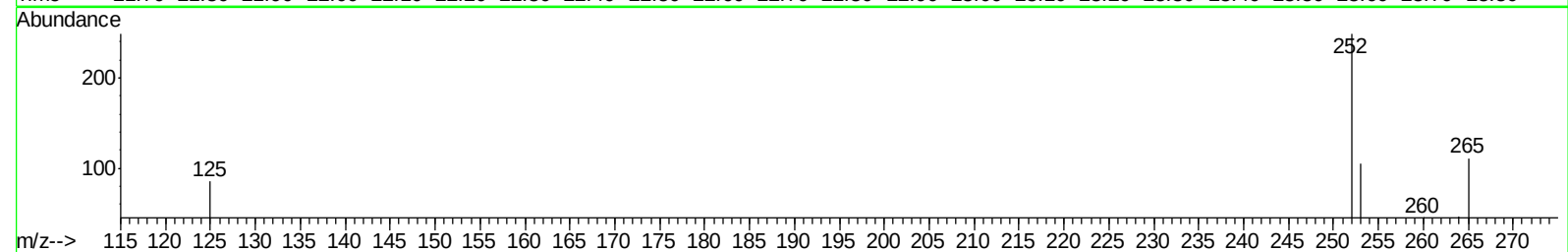
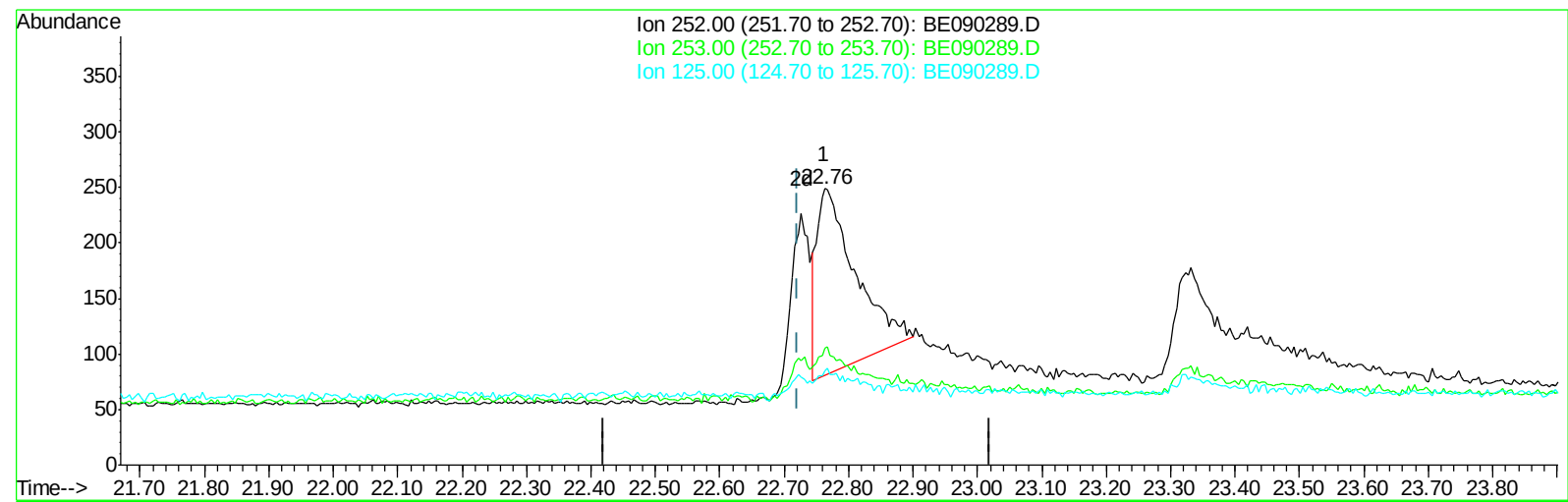
21.150min (-0.001) 0.12ng/ul m

response 2012

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	35.68
229.00	20.70	26.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090289.D
Acq On : 29 Jul 2015 19:43
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 30 01:57:22 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: BE090289.D

(21) Benzo(b)fluoranthene

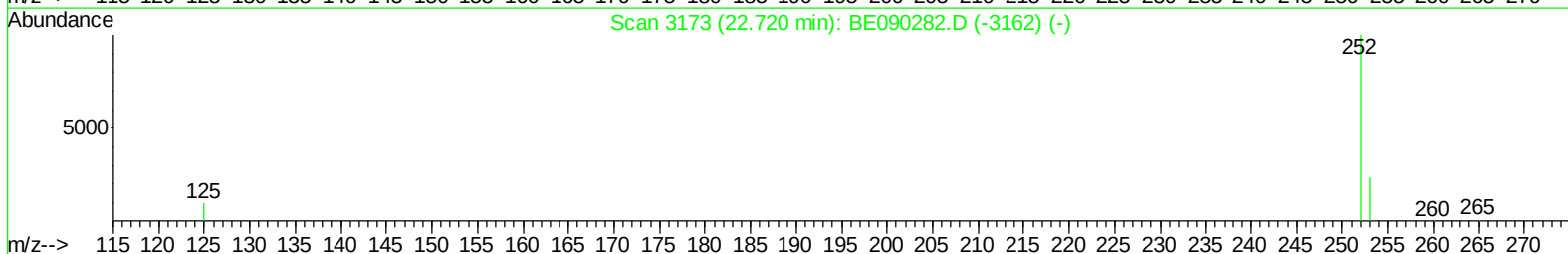
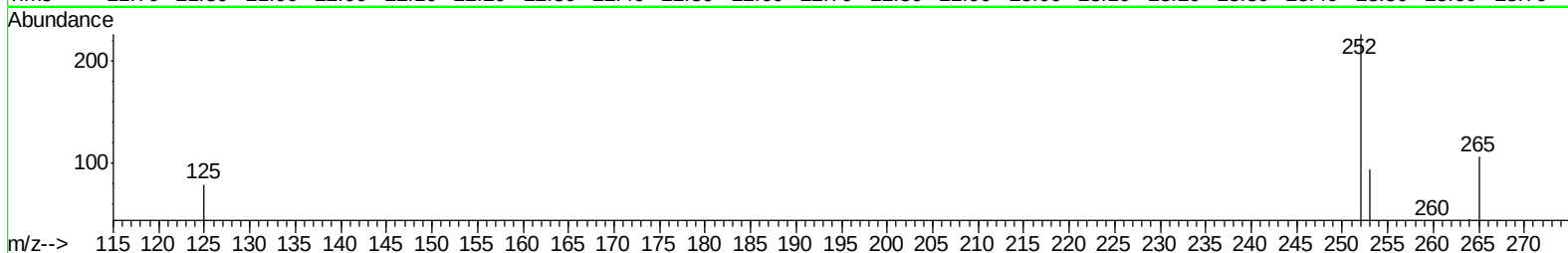
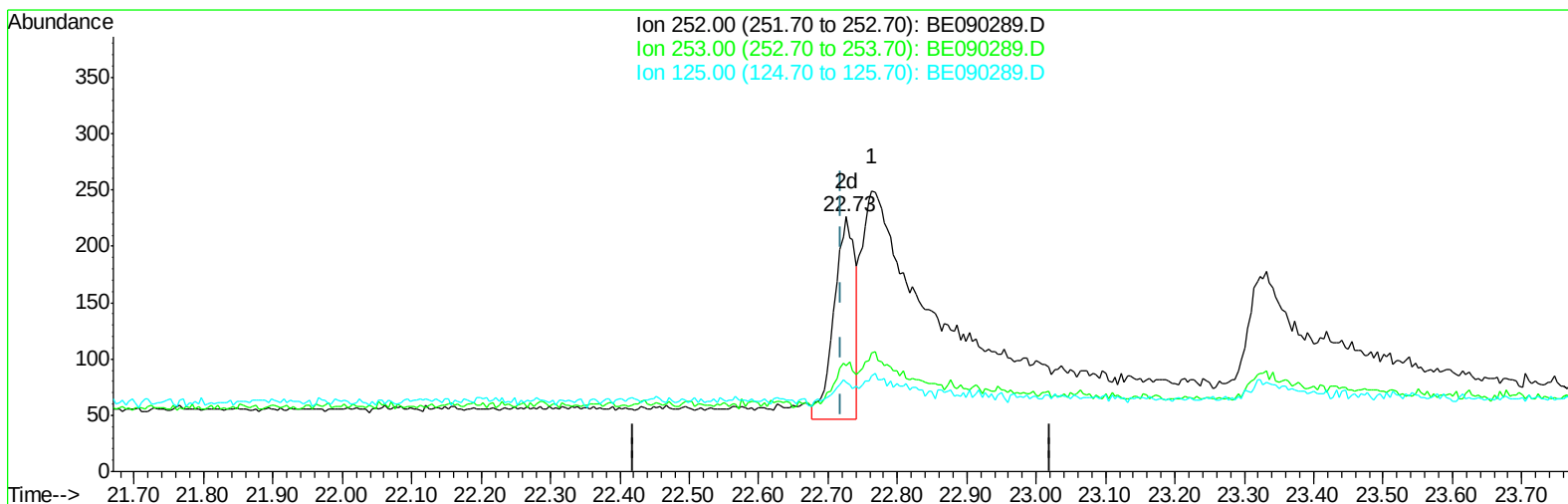
22.763min (+0.043) 0.20ng/ul

response 688

Ion	Exp%	Act%
252.00	100	100
253.00	28.60	42.17
125.00	17.30	34.14
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090289.D
Acq On : 29 Jul 2015 19:43
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 30 01:57:22 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
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TIC: BE090289.D

(21) Benzo(b)fluoranthene

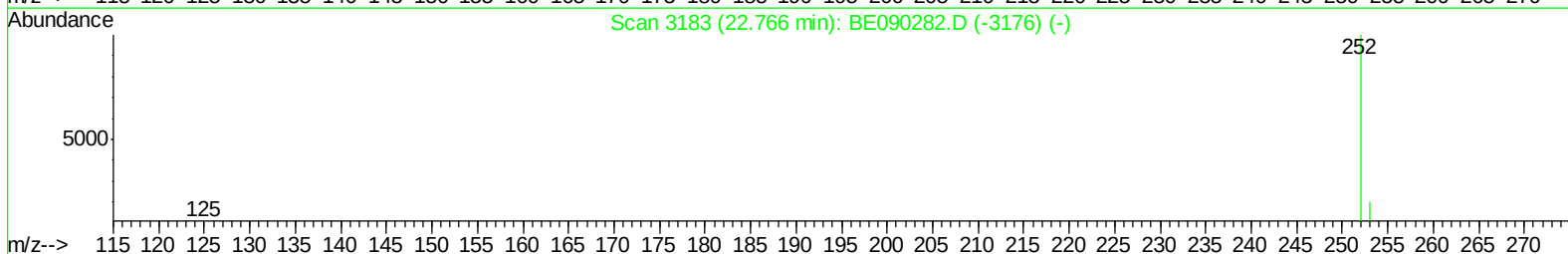
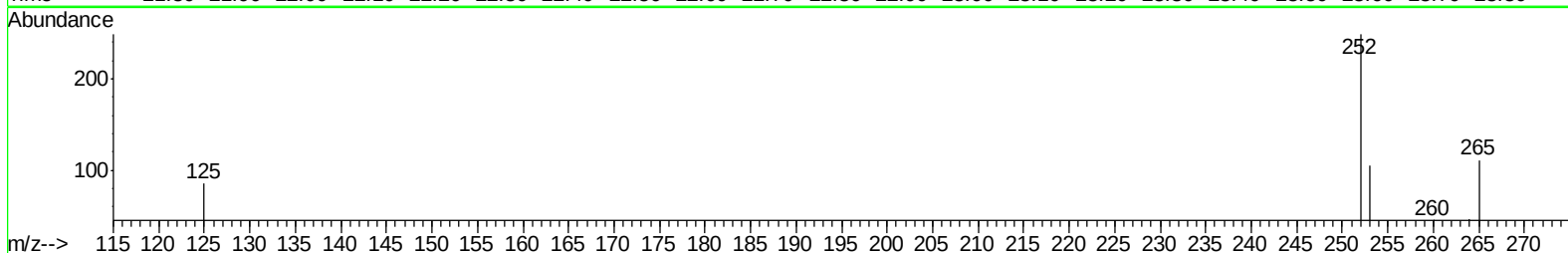
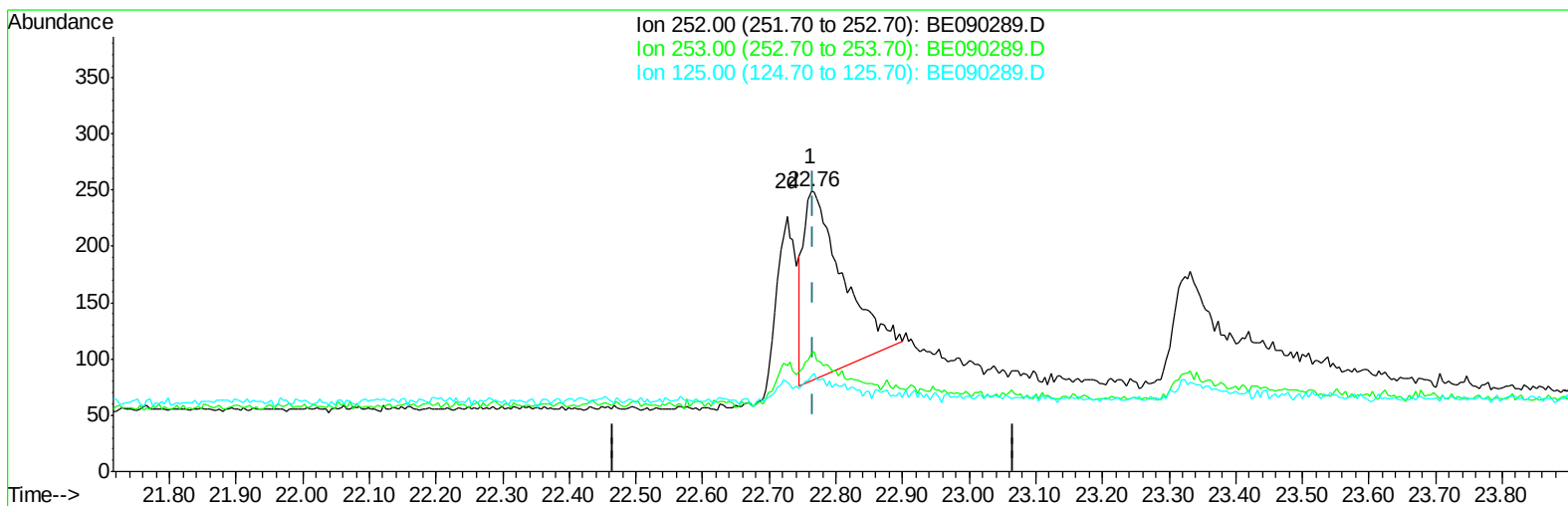
22.726min (+0.006) 0.10ng/ul m

response 367

Ion	Exp%	Act%
252.00	100	100
253.00	28.60	41.59
125.00	17.30	34.96#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090289.D
Acq On : 29 Jul 2015 19:43
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 30 01:57:22 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: BE090289.D

(22) Benzo(k)fluoranthene

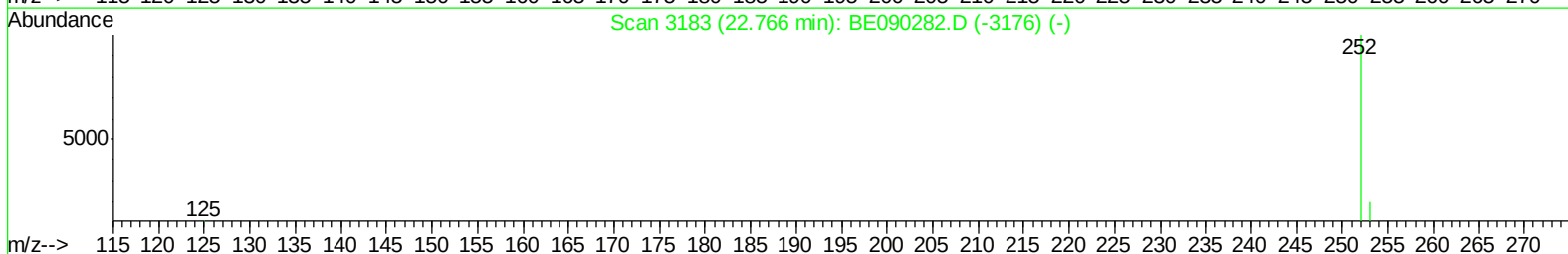
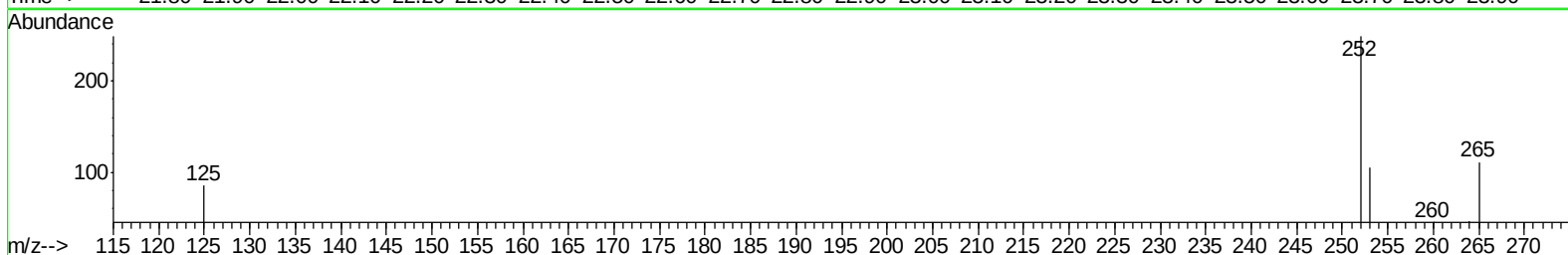
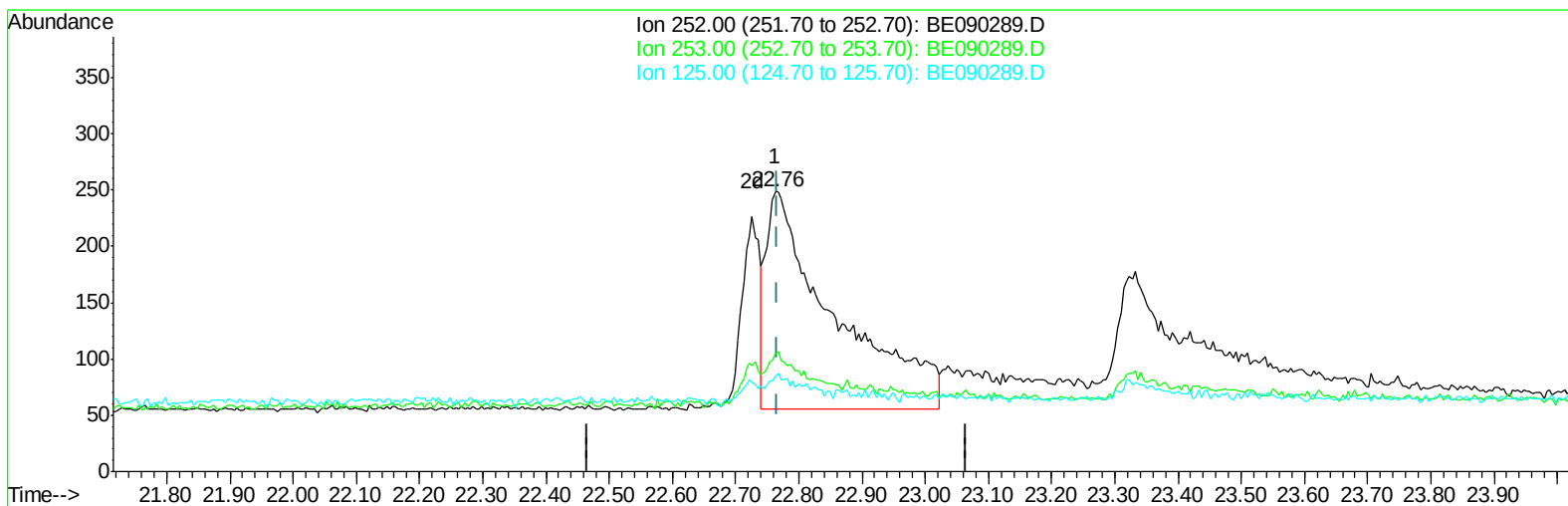
22.763min (-0.003) 0.06ng/ul

response 688

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	42.17#
125.00	16.60	34.14#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090289.D
Acq On : 29 Jul 2015 19:43
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 30 01:57:22 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: BE090289.D

(22) Benzo(k)fluoranthene

22.763min (-0.003) 0.13ng/ul m

response 1458

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	42.17#
125.00	16.60	34.14#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
 Data File : BE090289.D
 Acq On : 29 Jul 2015 19:43
 Operator : TP/IZ
 Sample : MDL-07-S
 Misc : MDL-SIM2.2-SOIL-0.15PPM
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 30 02:39:19 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	958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4078	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2432	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5453	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	3746	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2341	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	2585	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	6129	0.41	ng/ul	0.00

Target Compounds

						Ovalue
3) Naphthalene	10.41	128	1381	0.13	ng/ul#	90
5) 2-Methylnaphthalene	12.03	142	844	0.12	ng/ul	96
7) Acenaphthylene	13.92	152	6019	0.12	ng/ul#	93
8) Acenaphthene	14.27	153	4443	0.12	ng/ul	98
9) Fluorene	15.26	166	1206	0.12	ng/ul#	91
11) Pentachlorophenol	16.63	266	38	0.11	ng/ul	90
12) Phenanthrene	16.99	178	6814	0.12	ng/ul#	94
13) Anthracene	17.07	178	7186	0.12	ng/ul#	89
15) Fluoranthene	19.00	202	8200	0.12	ng/ul	94
17) Pyrene	19.36	202	8512	0.12	ng/ul	94
18) Benzo(a)anthracene	21.10	228	583	0.10	ng/ul#	83
19) Chrysene	21.15	228	2012m	0.12	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	367m	0.10	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	1458m	0.13	ng/ul	
23) Benzo(a)pyrene	23.33	252	446	0.09	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.82	276	1232	0.08	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.85	278	167	0.09	ng/ul#	56
26) Benzo(g,h,i)perylene	26.56	276	1614	0.08	ng/ul#	61

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

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Quant Time: Jul 30 02:39:19 2015
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