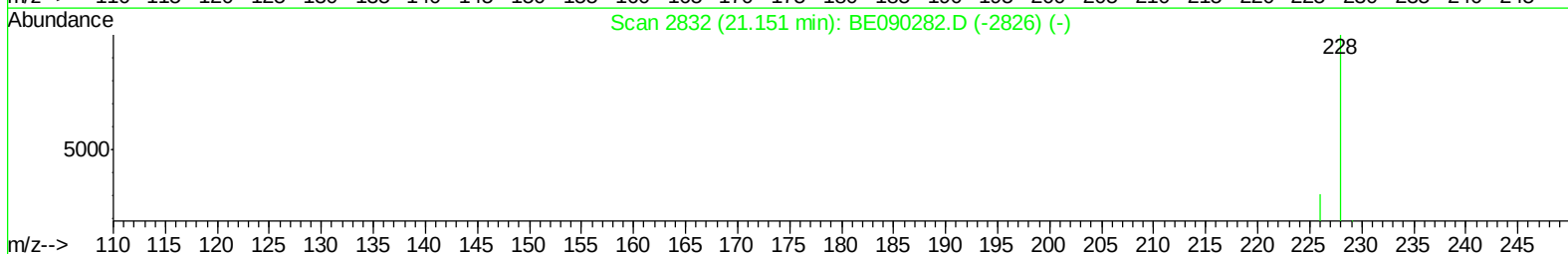
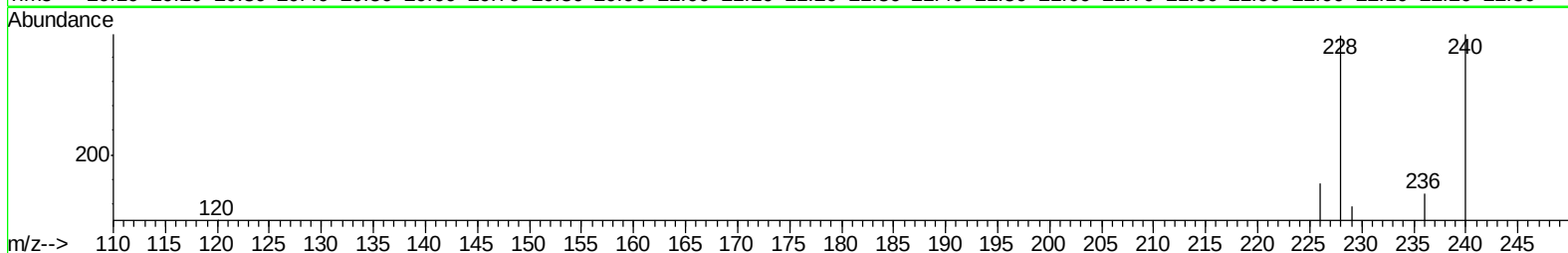
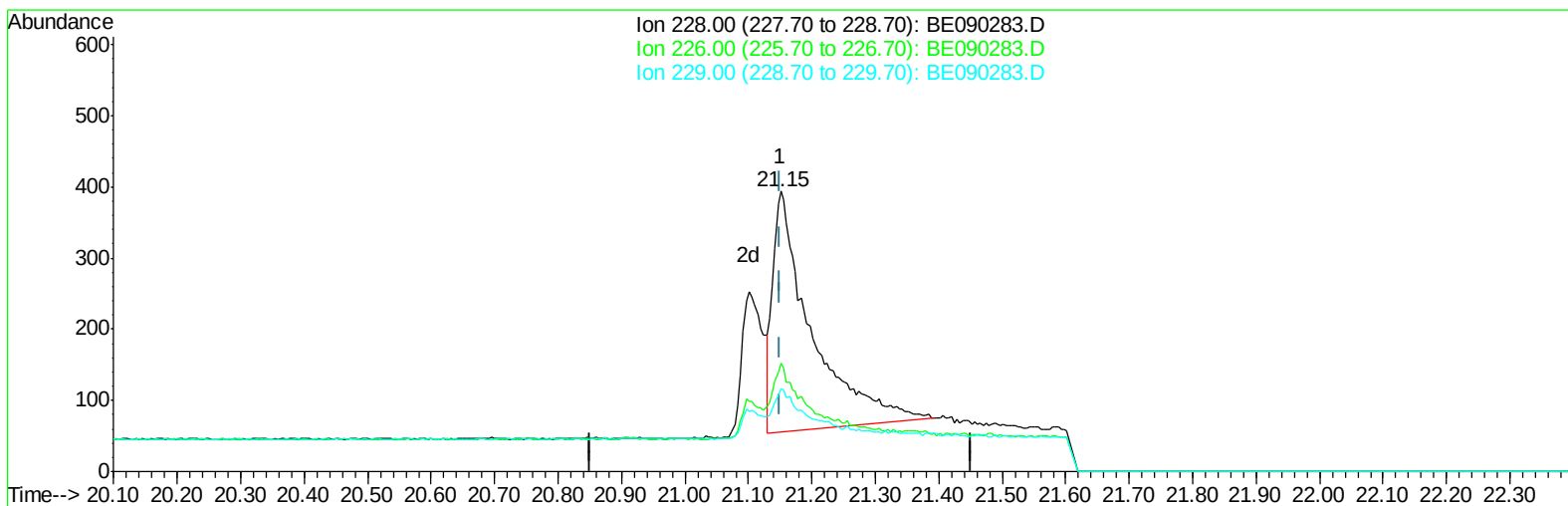


Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090283.D
Acq On : 29 Jul 2015 16:02
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 30 01:56:24 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: BE090283.D

(19) Chrysene

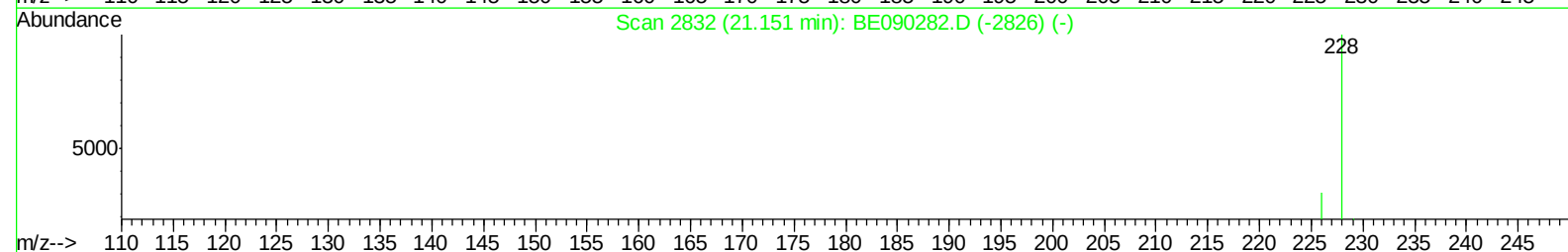
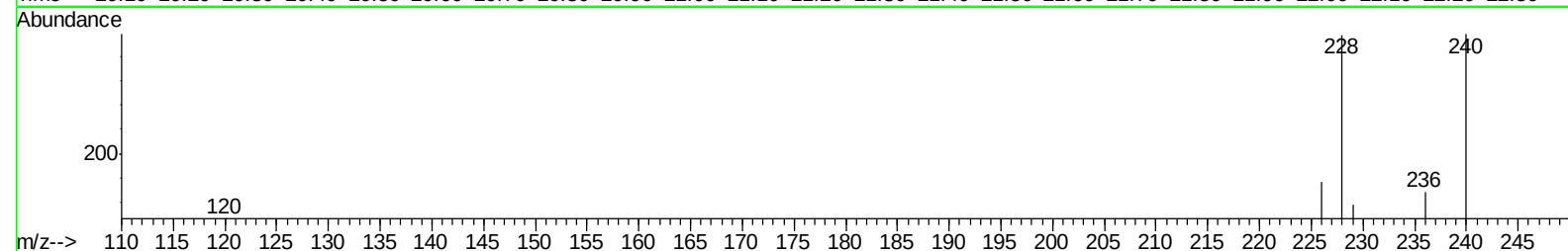
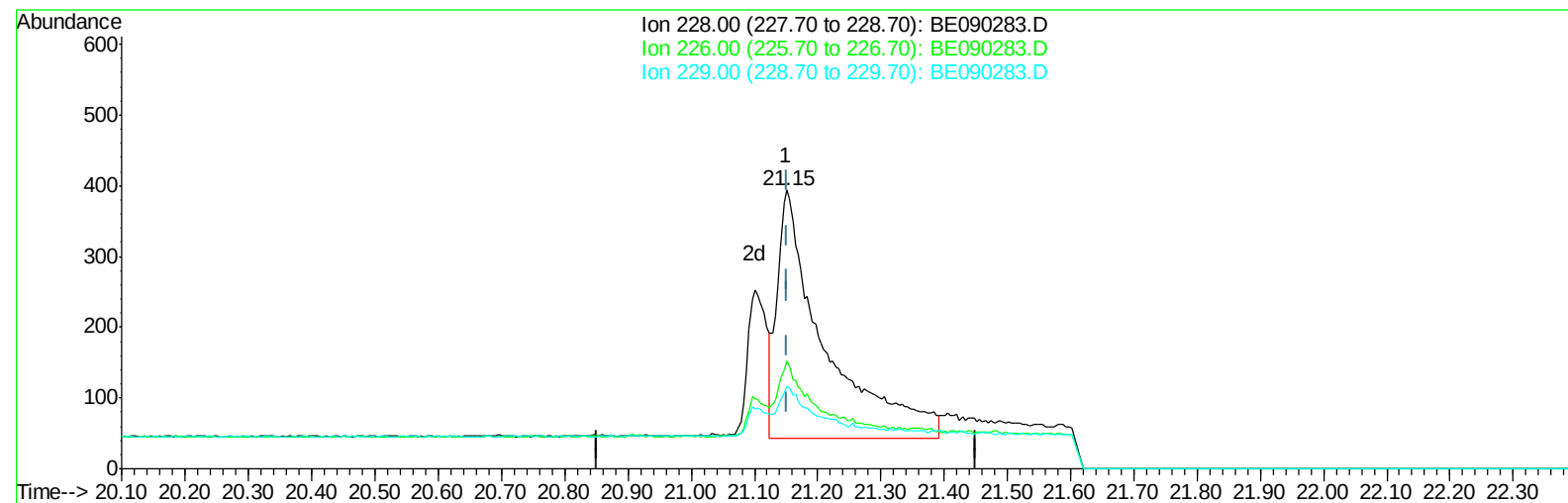
21.151min (-0.000) 0.11ng/ul

response 1443

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	38.83#
229.00	20.70	29.44#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090283.D
Acq On : 29 Jul 2015 16:02
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 30 01:56:24 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: BE090283.D

(19) Chrysene

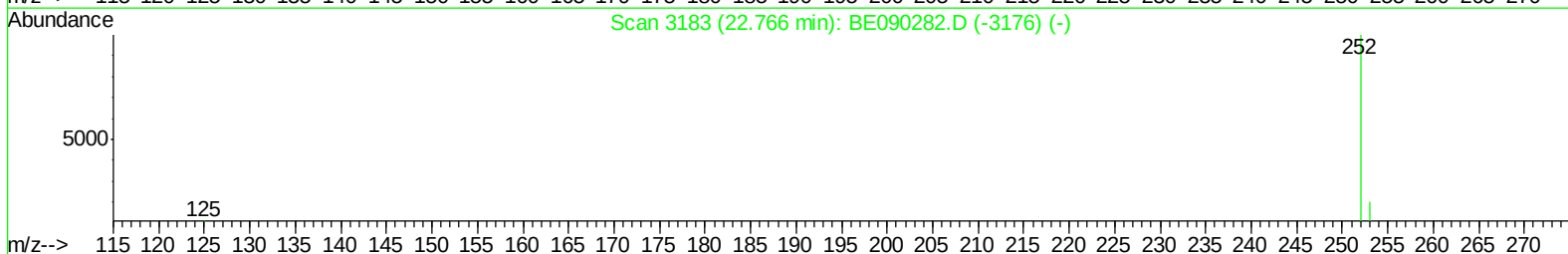
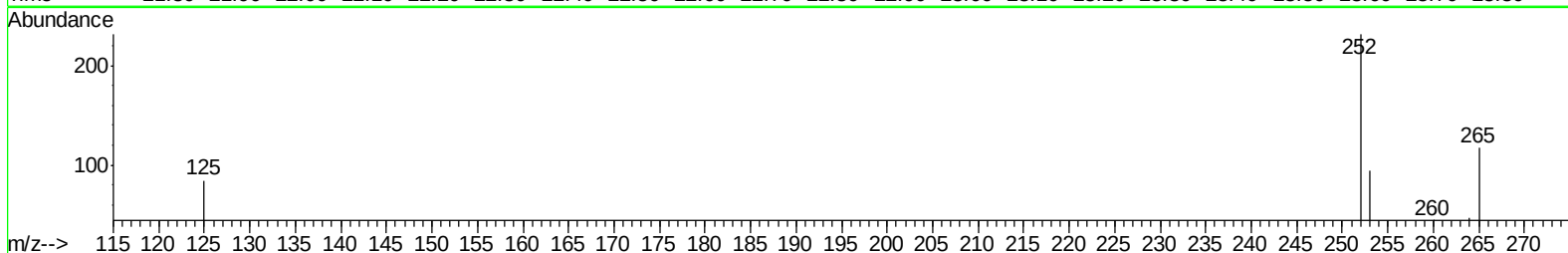
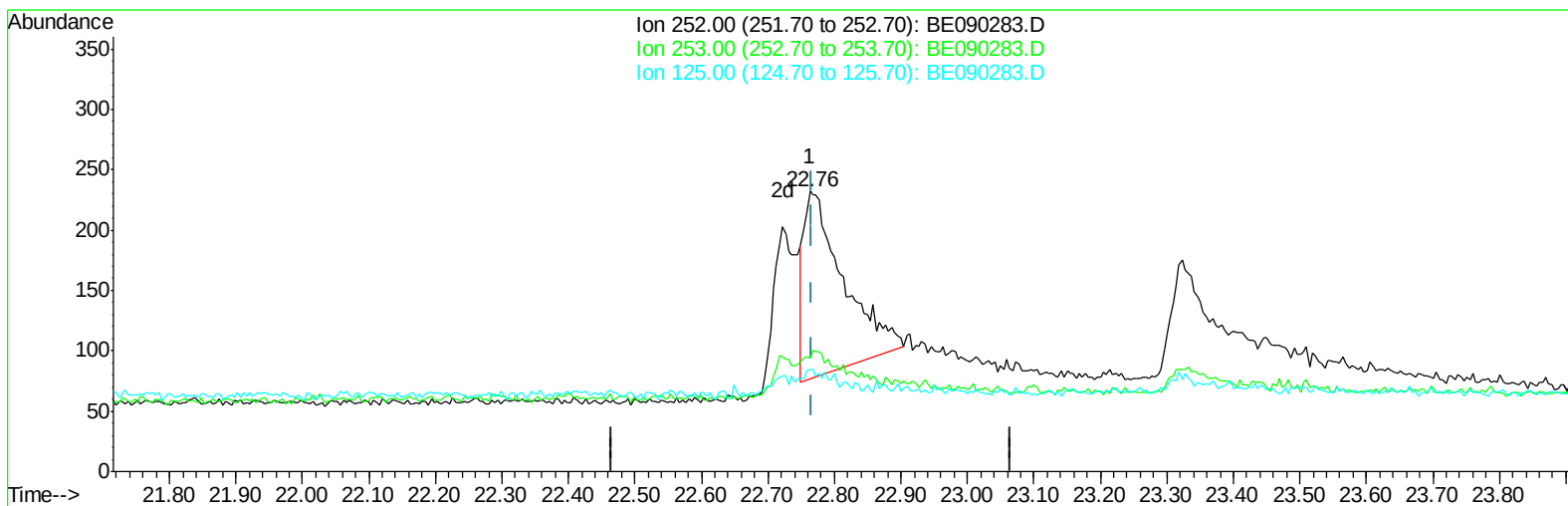
21.151min (-0.000) 0.15ng/ul m

response 1825

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	38.83#
229.00	20.70	29.44#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090283.D
Acq On : 29 Jul 2015 16:02
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 30 01:56:24 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: BE090283.D

(22) Benzo(k)fluoranthene

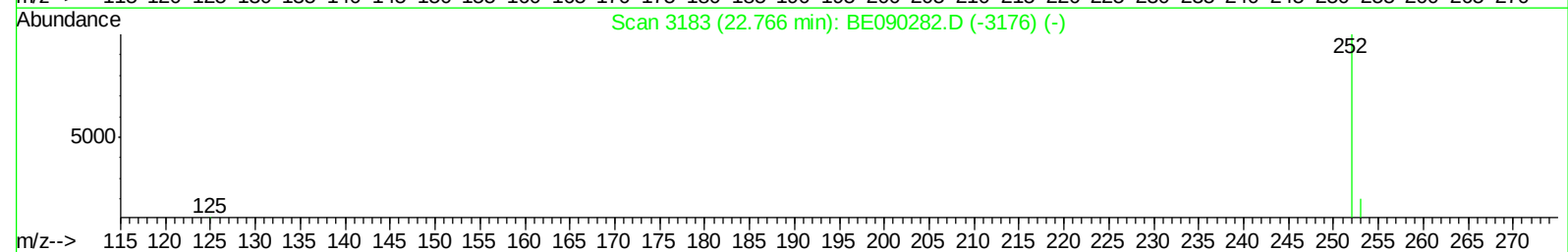
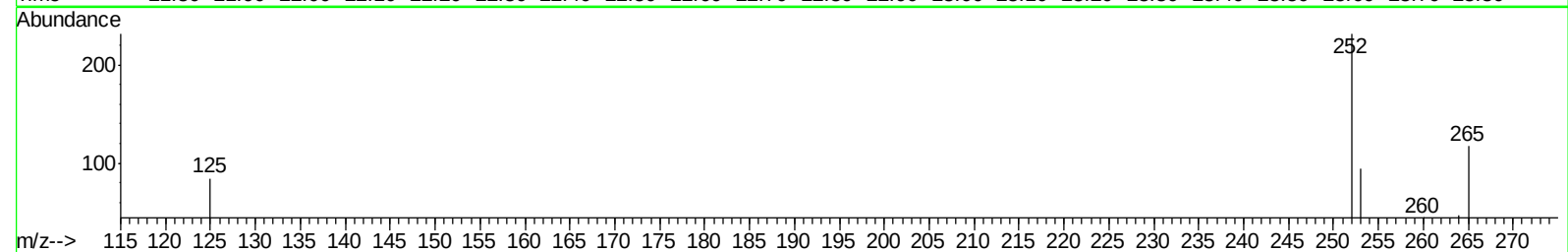
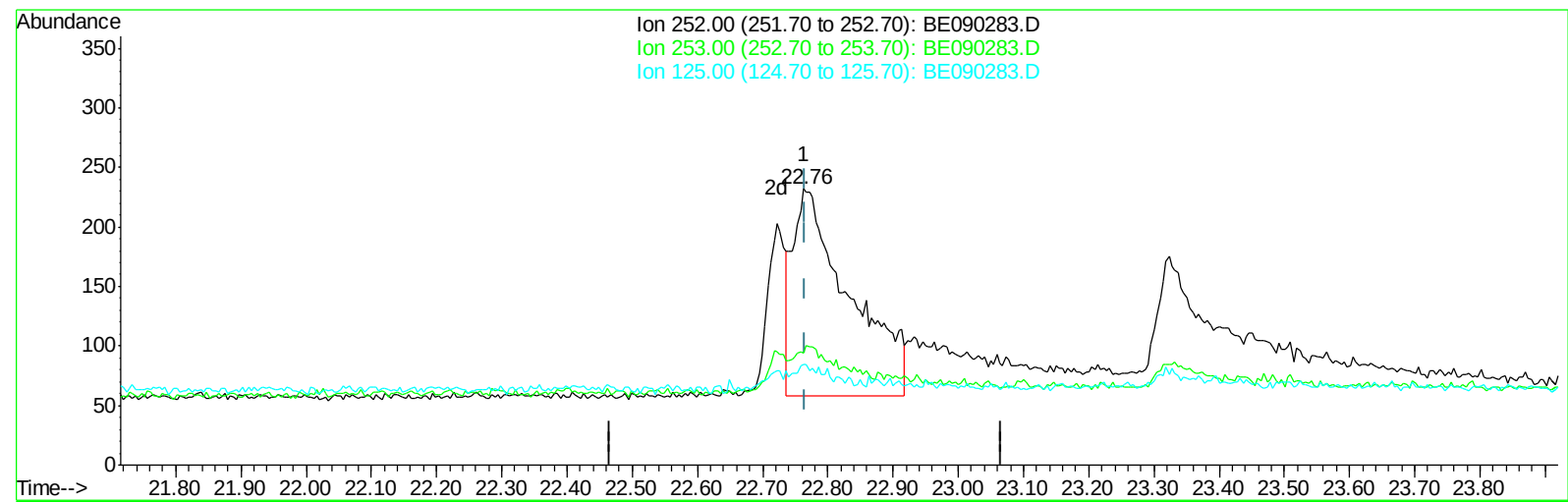
22.763min (-0.003) 0.06ng/ul

response 624

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.52#
125.00	16.60	36.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090283.D
Acq On : 29 Jul 2015 16:02
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 30 01:56:24 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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Response via : Initial Calibration



TIC: BE090283.D

(22) Benzo(k)fluoranthene

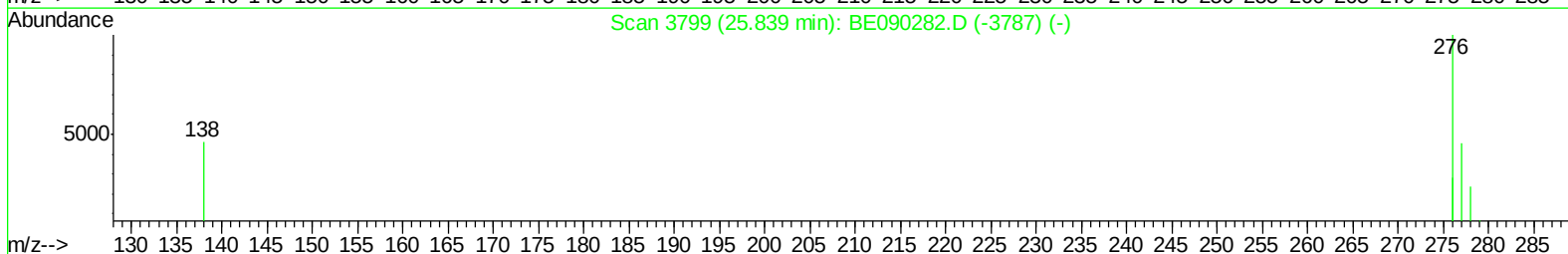
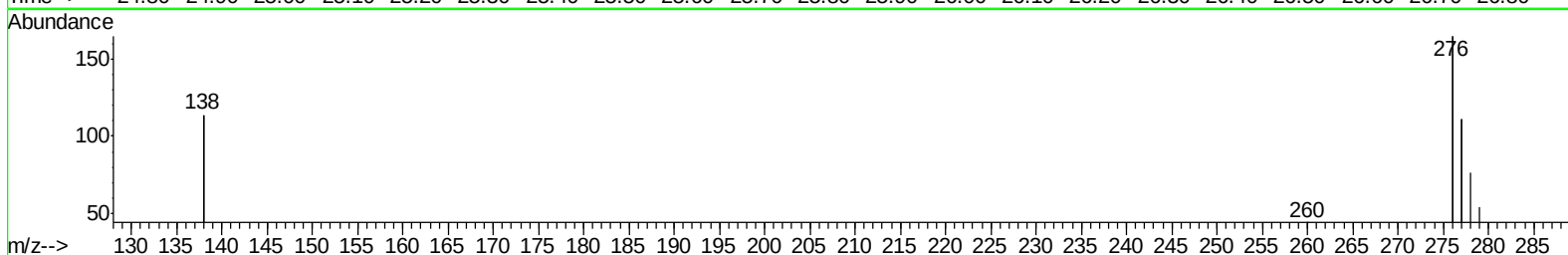
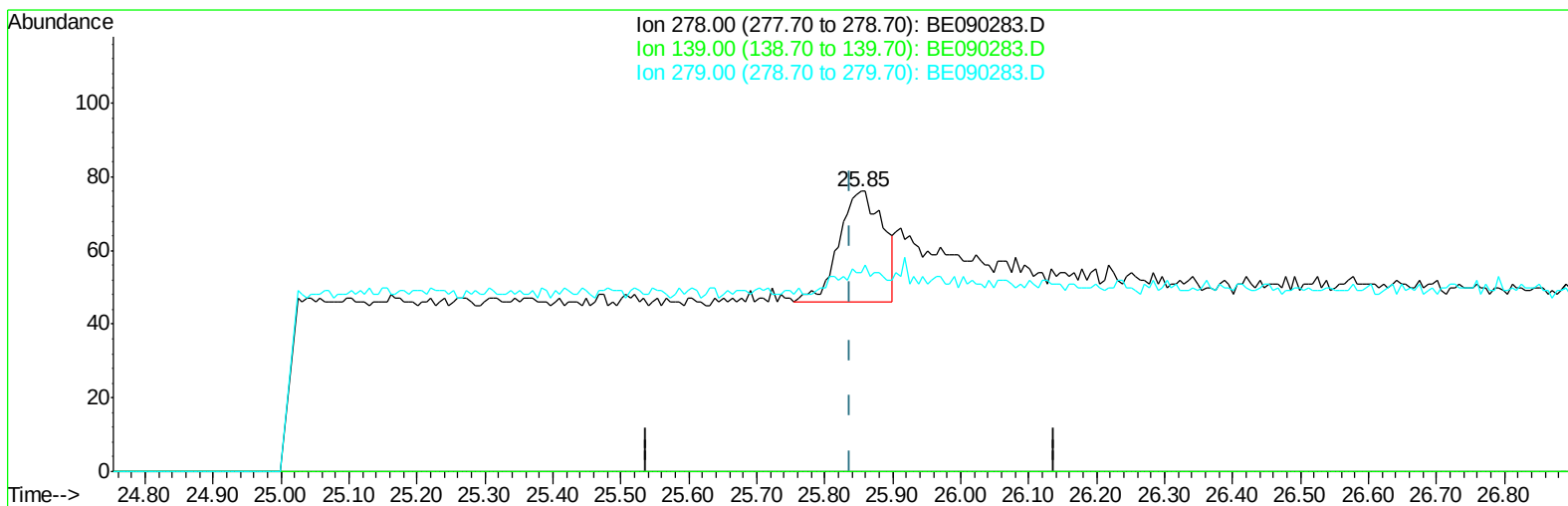
22.763min (-0.003) 0.10ng/ul m

response 1056

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.52#
125.00	16.60	36.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090283.D
Acq On : 29 Jul 2015 16:02
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 30 01:56:24 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
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TIC: BE090283.D

(25) Dibenzo(a,h)anthracene

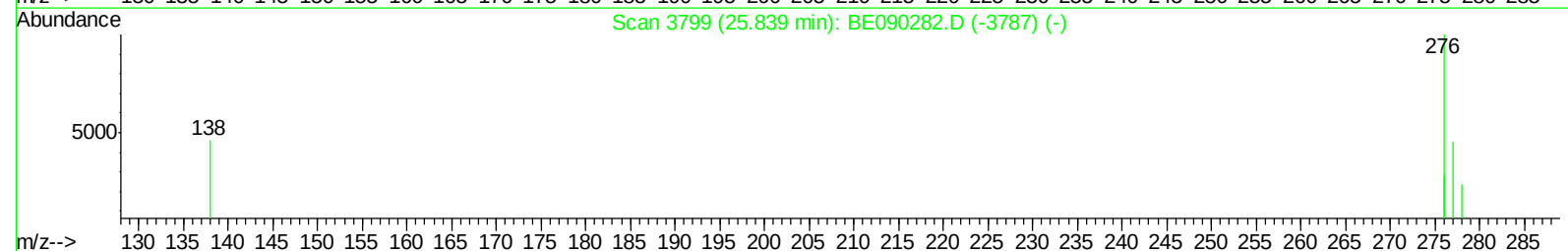
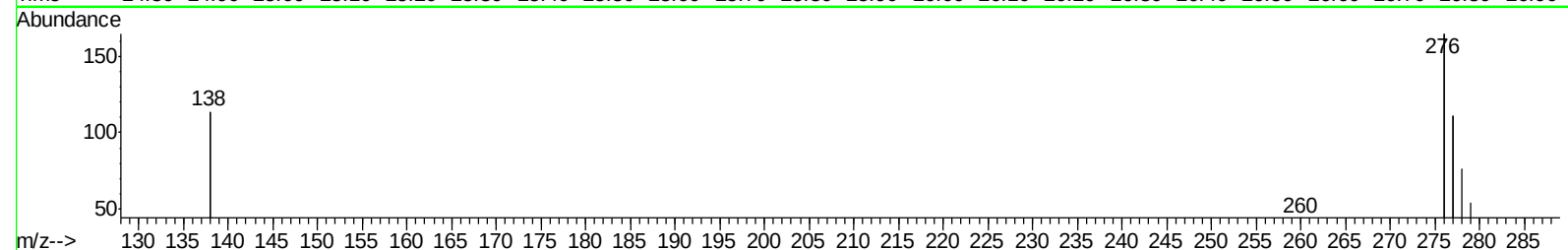
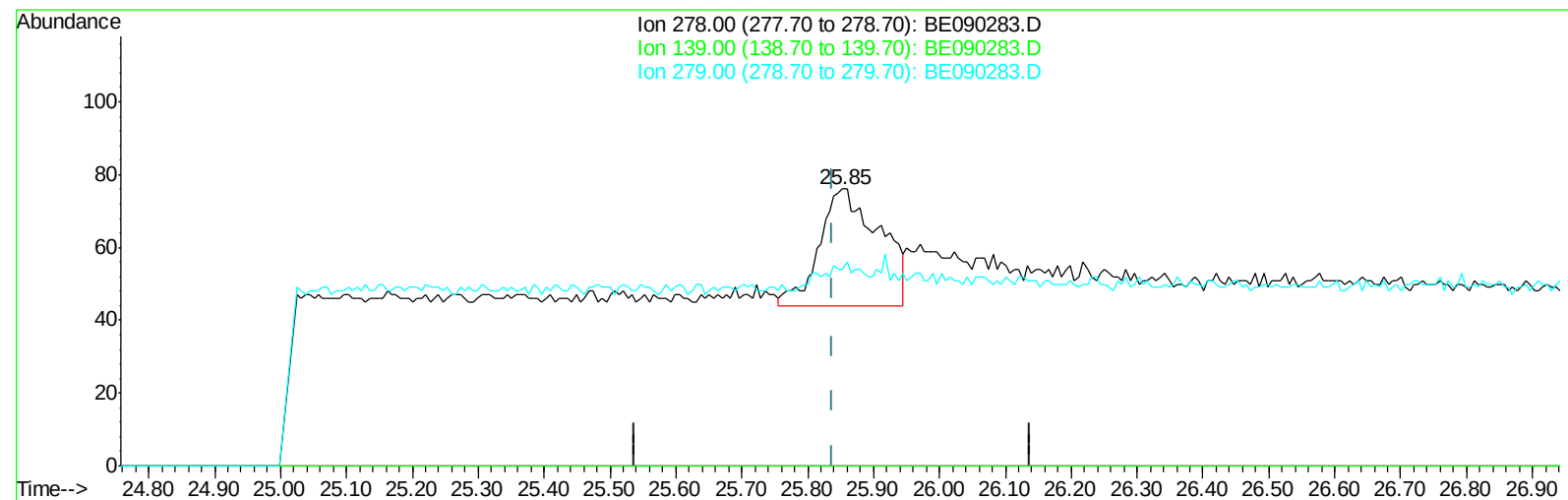
25.853min (+0.014) 0.08ng/ul

response 136

Ion	Exp%	Act%
278.00	100	100
139.00	0.00	0.00
279.00	46.70	71.05#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090283.D
Acq On : 29 Jul 2015 16:02
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 30 01:56:24 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: BE090283.D

(25) Dibenzo(a,h)anthracene

25.853min (+0.014) 0.13ng/ul m

response 204

Ion	Exp%	Act%
278.00	100	100
139.00	0.00	0.00
279.00	46.70	71.05#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
 Data File : BE090283.D
 Acq On : 29 Jul 2015 16:02
 Operator : TP/IZ
 Sample : MDL-01-S
 Misc : MDL-SIM-SOIL-0.15PPM
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 30 02:02:59 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	7.59	152	877	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	3664	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	2215	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5443	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	2883	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2149	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.94	152	2028	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	4514	0.30	ng/ul	0.00

Target Compounds

						Ovalue
3) Naphthalene	10.40	128	1019	0.11	ng/ul#	88
5) 2-Methylnaphthalene	12.02	142	634	0.10	ng/ul	98
7) Acenaphthylene	13.92	152	4498	0.10	ng/ul#	91
8) Acenaphthene	14.26	153	3325	0.10	ng/ul	96
9) Fluorene	15.26	166	956	0.10	ng/ul#	88
11) Pentachlorophenol	16.61	266	52	0.15	ng/ul#	90
12) Phenanthrene	16.98	178	5760	0.10	ng/ul#	89
13) Anthracene	17.07	178	5885	0.10	ng/ul#	87
15) Fluoranthene	19.00	202	6337	0.09	ng/ul	93
17) Pyrene	19.36	202	6616	0.12	ng/ul#	90
18) Benzo(a)anthracene	21.10	228	436	0.10	ng/ul#	81
19) Chrysene	21.15	228	1825m	0.15	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	274	0.09	ng/ul#	60
22) Benzo(k)fluoranthene	22.76	252	1056m	0.10	ng/ul	
23) Benzo(a)pyrene	23.32	252	363	0.08	ng/ul#	63
24) Indeno(1,2,3-cd)pyrene	25.81	276	1210	0.09	ng/ul	97
25) Dibenzo(a,h)anthracene	25.85	278	204m	0.13	ng/ul	
26) Benzo(g,h,i)perylene	26.55	276	1898	0.10	ng/ul#	61

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

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