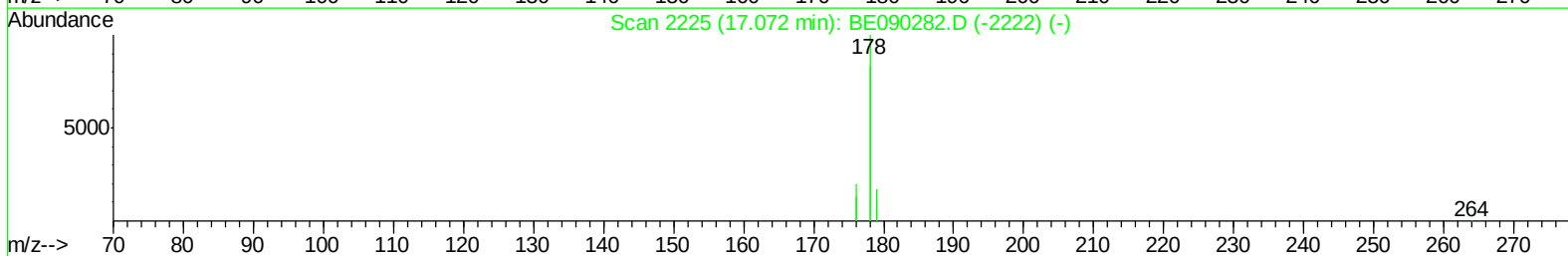
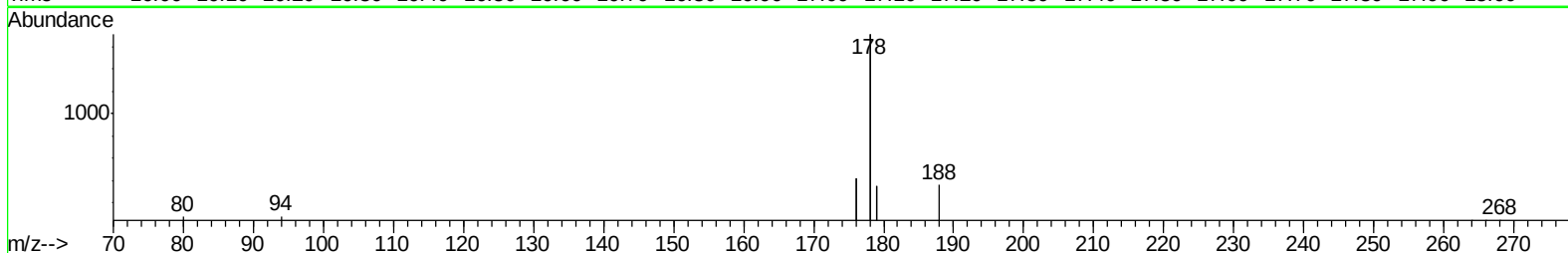
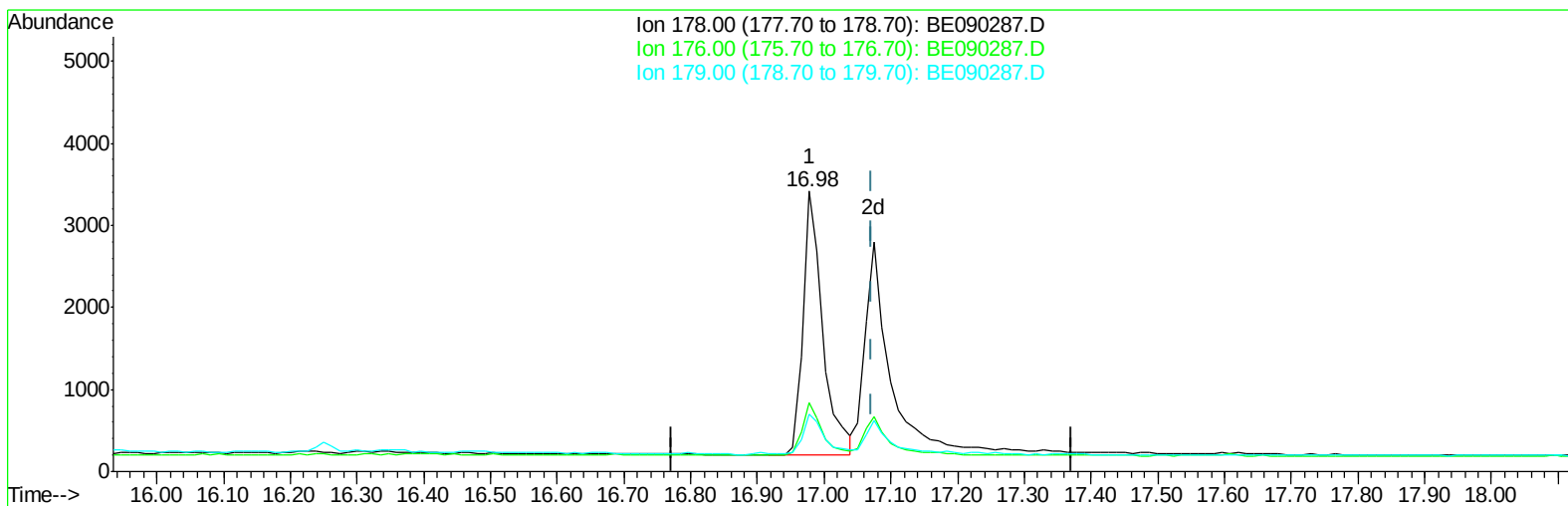


Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(13) Anthracene

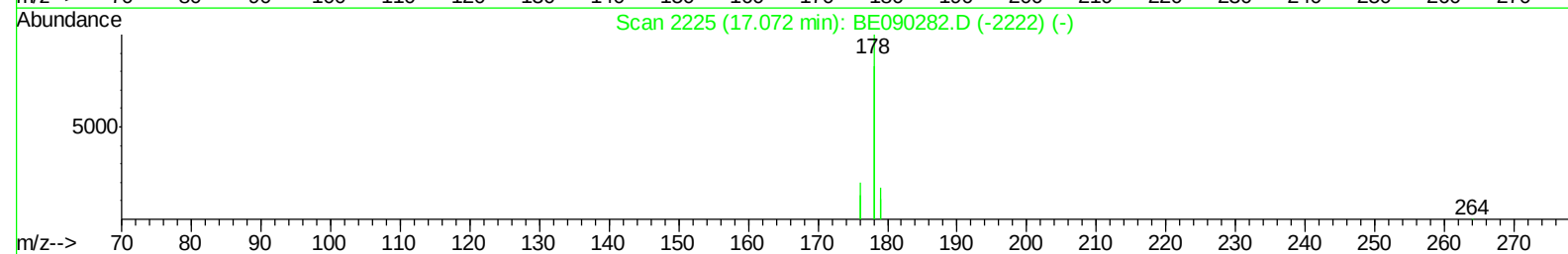
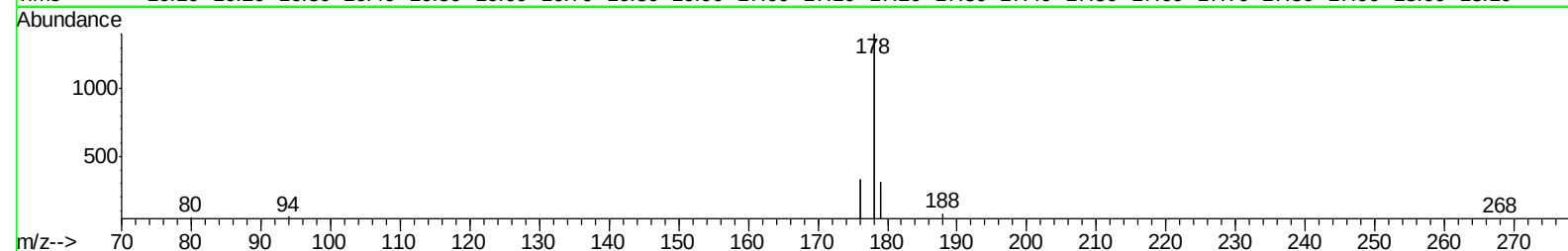
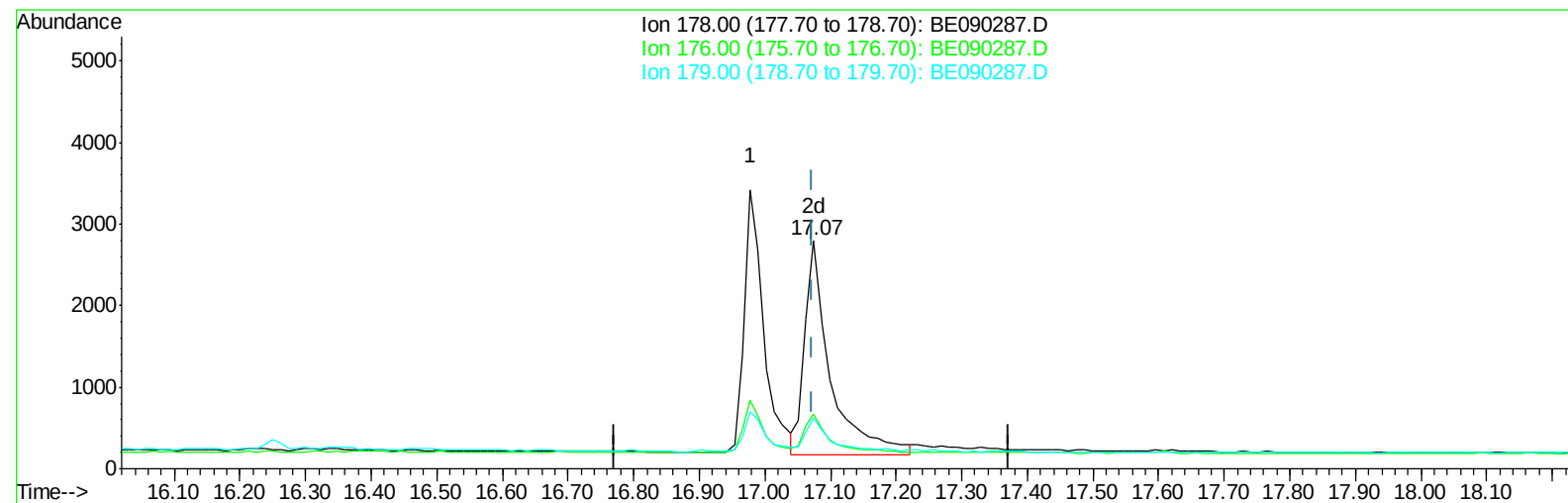
16.978min (-0.095) 0.12ng/ul

response 6646

Ion	Exp%	Act%
178.00	100	100
176.00	20.50	24.34
179.00	17.40	20.42
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(13) Anthracene

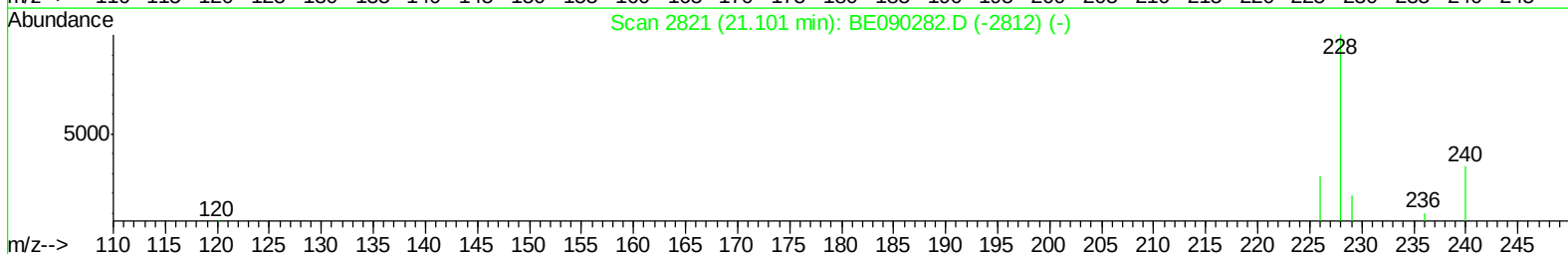
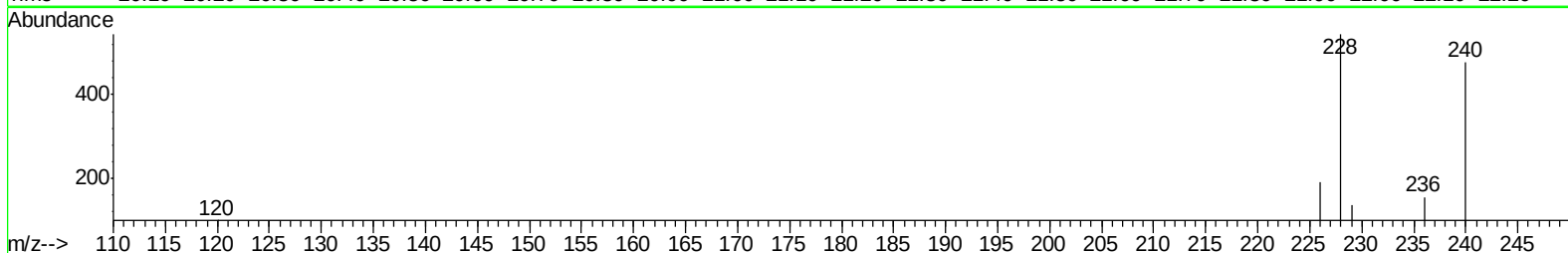
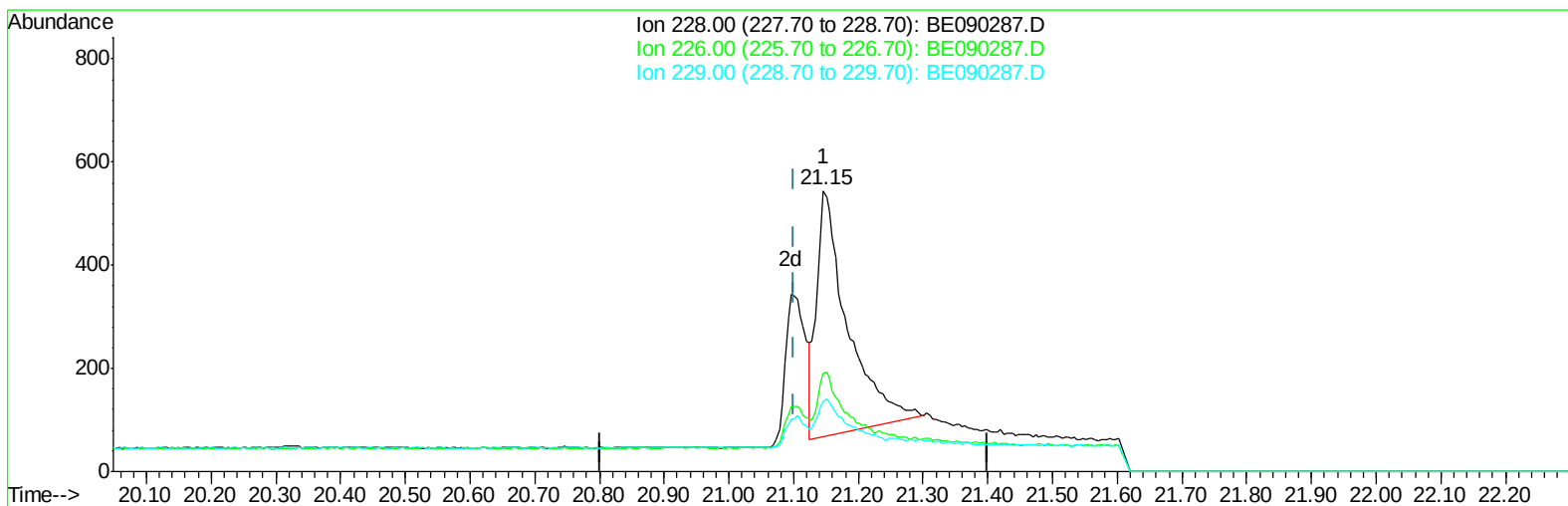
17.075min (+0.002) 0.12ng/ul m

response 7083

Ion	Exp%	Act%
178.00	100	100
176.00	20.50	23.63
179.00	17.40	22.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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



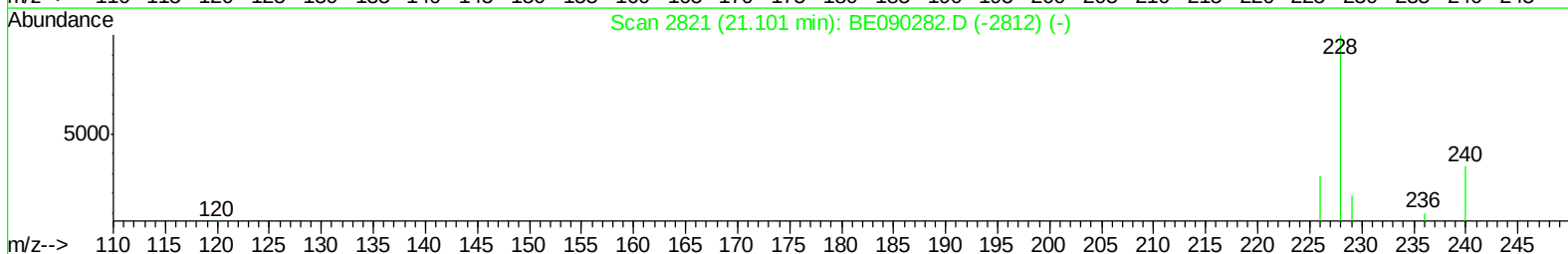
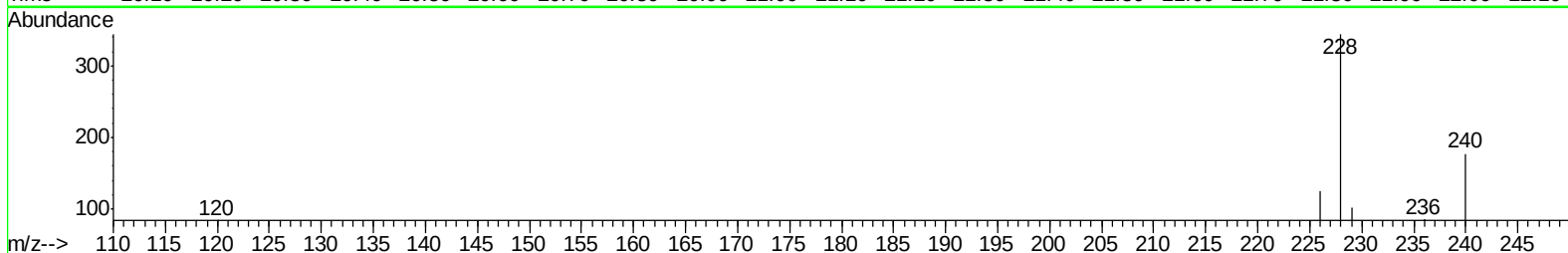
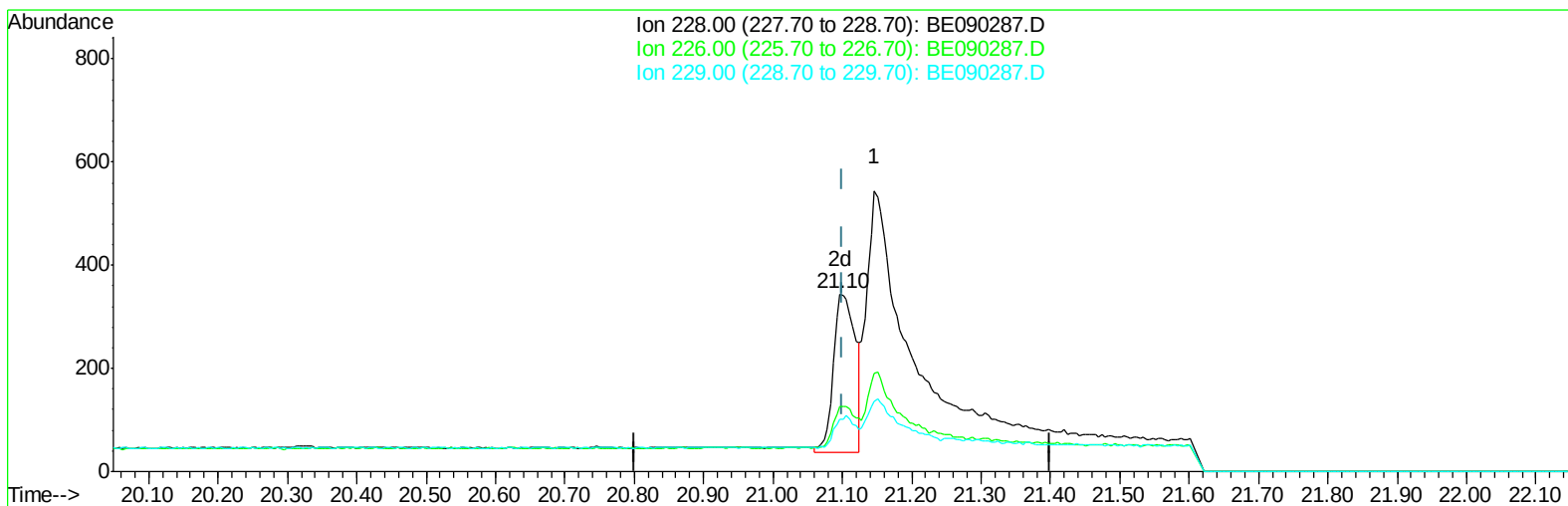
TIC: BE090287.D

(18) Benzo(a)anthracene
21.146min (+0.045) 0.30ng/ul
response 1591

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	34.93
229.00	22.40	25.18
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(18) Benzo(a)anthracene

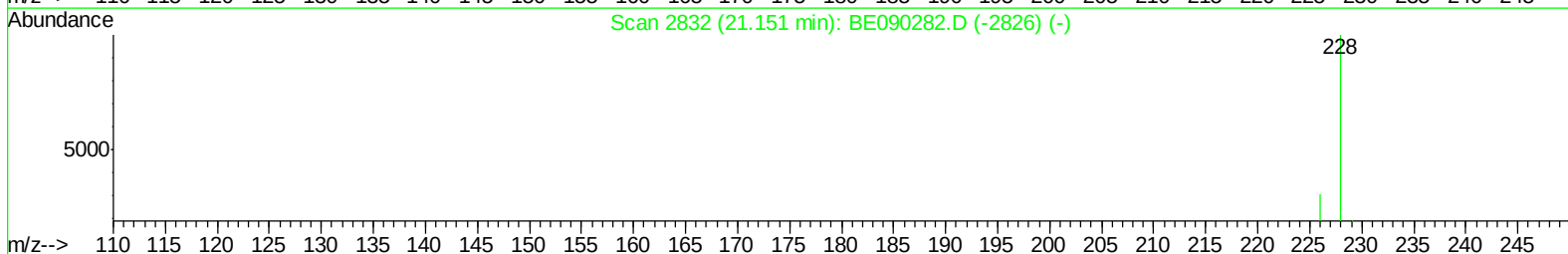
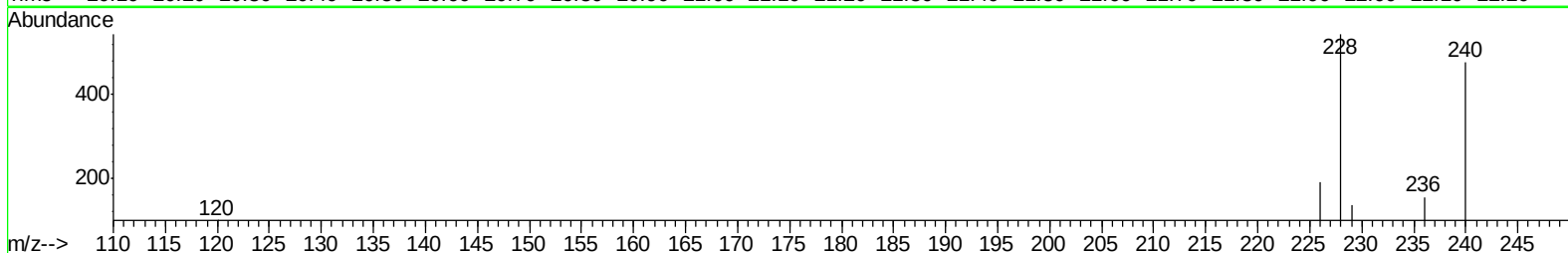
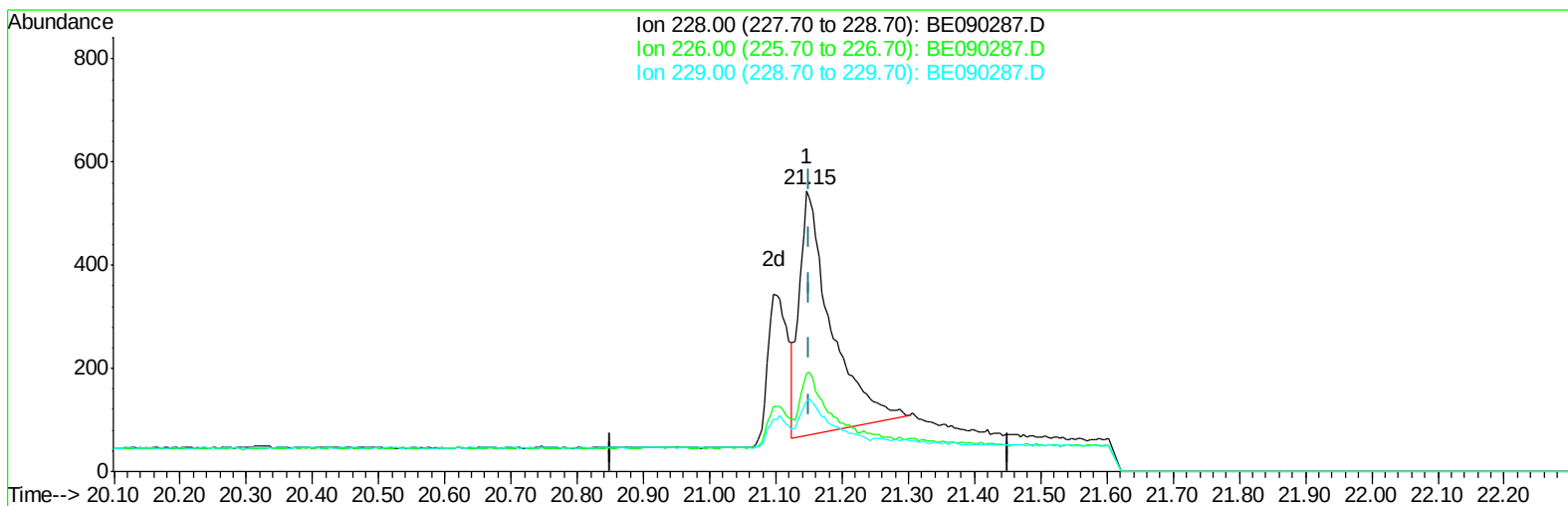
21.096min (-0.005) 0.12ng/ul m

response 670

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	36.34
229.00	22.40	29.36#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(19) Chrysene

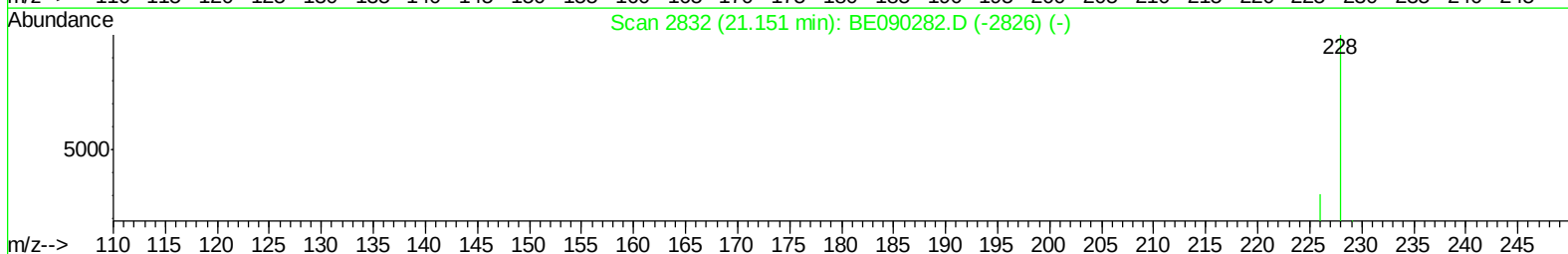
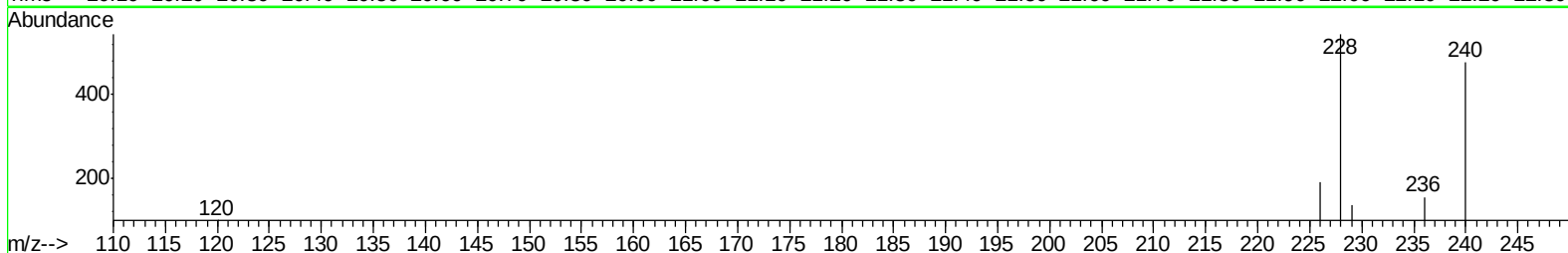
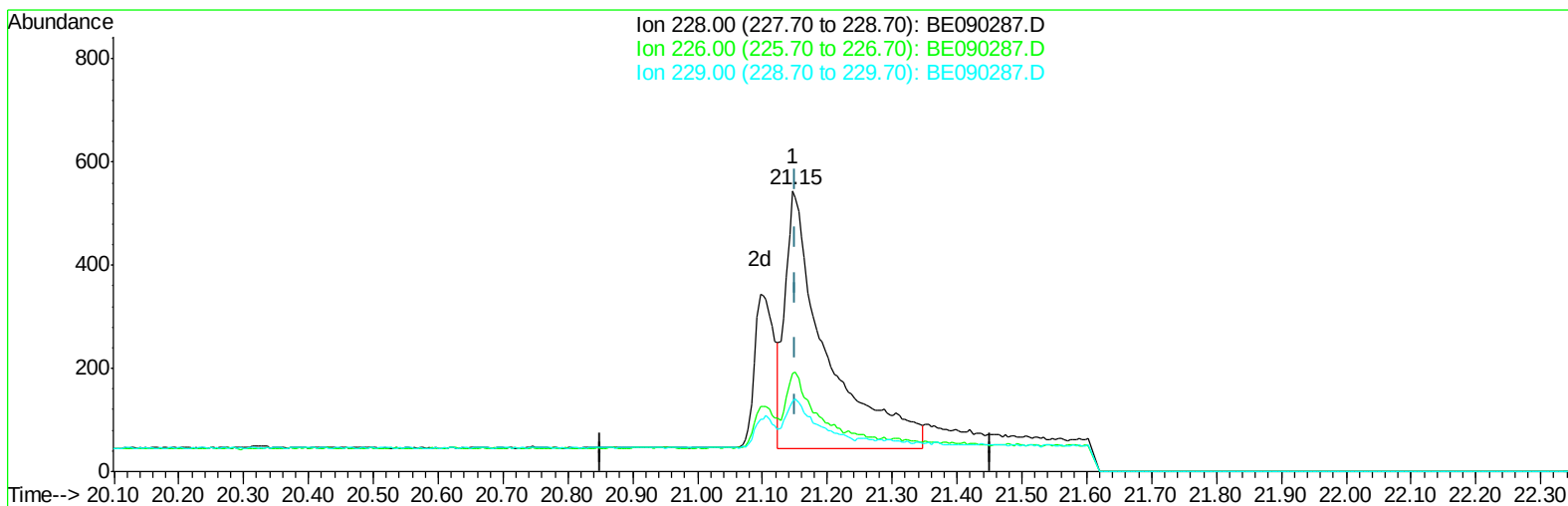
21.146min (-0.005) 0.10ng/ul

response 1580

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	34.93
229.00	20.70	25.18#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(19) Chrysene

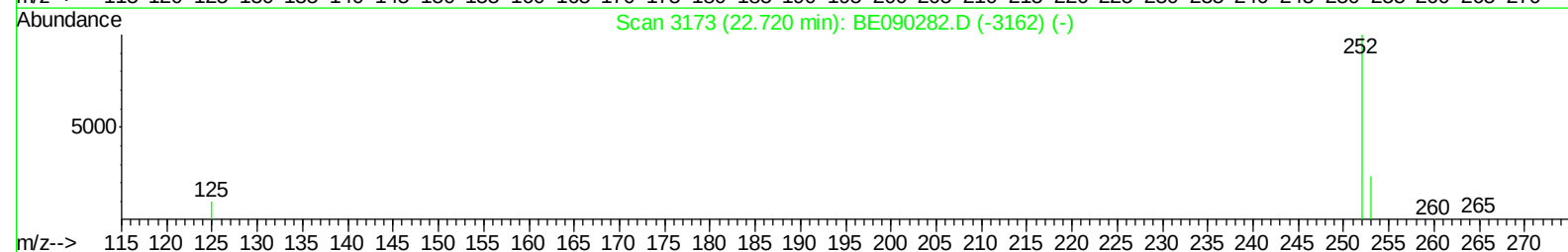
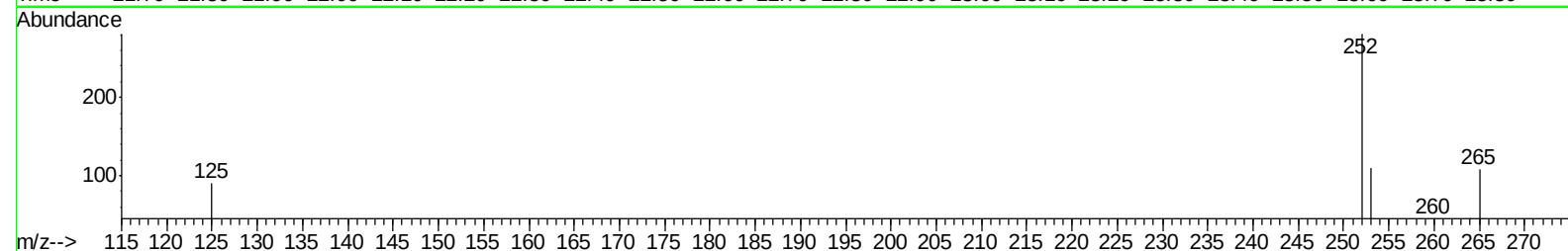
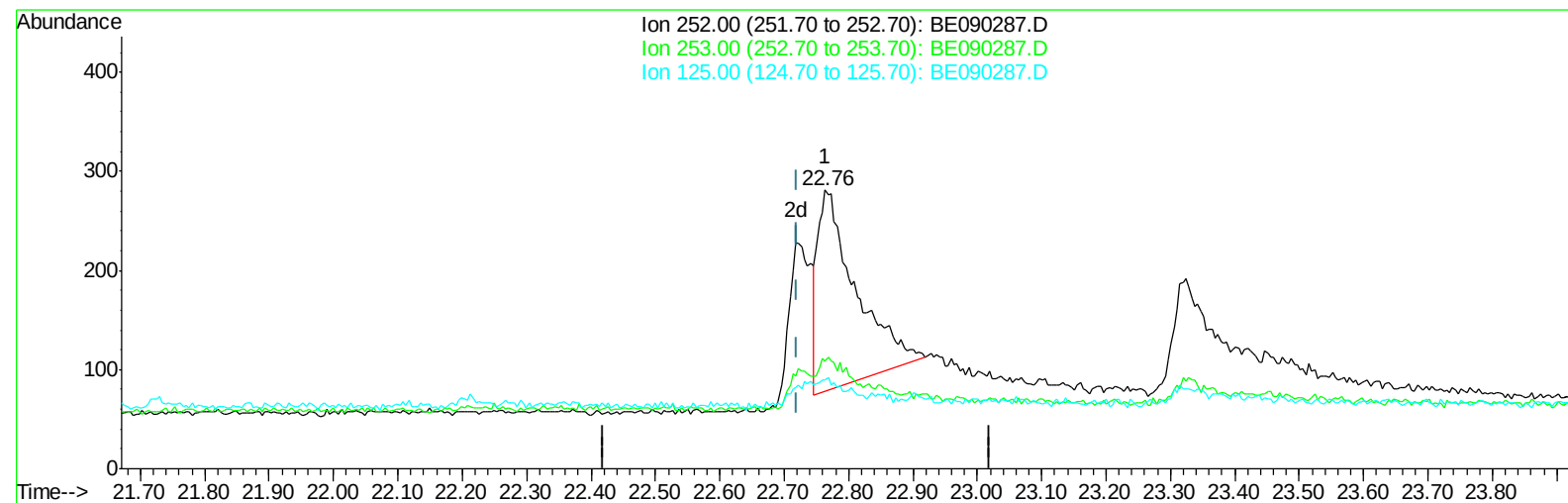
21.146min (-0.005) 0.14ng/ul m

response 2184

Ion	Exp%	Act%
228.00	100	100
226.00	31.20	34.93
229.00	20.70	25.18#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(21) Benzo(b)fluoranthene

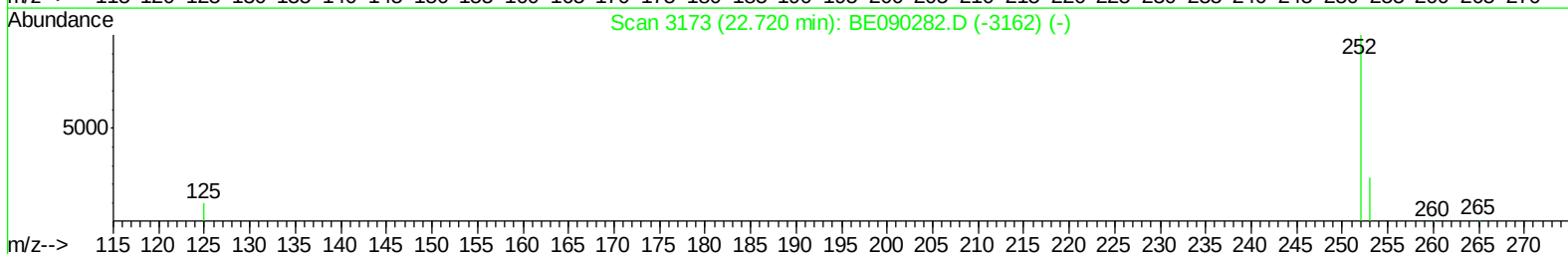
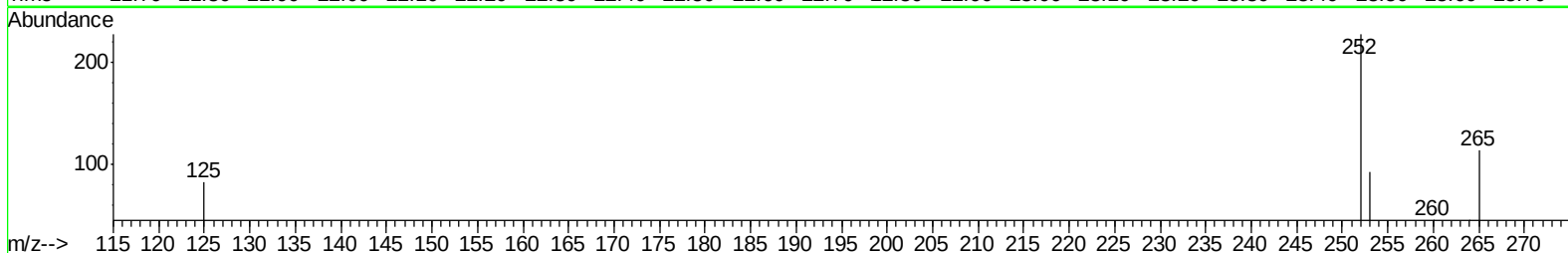
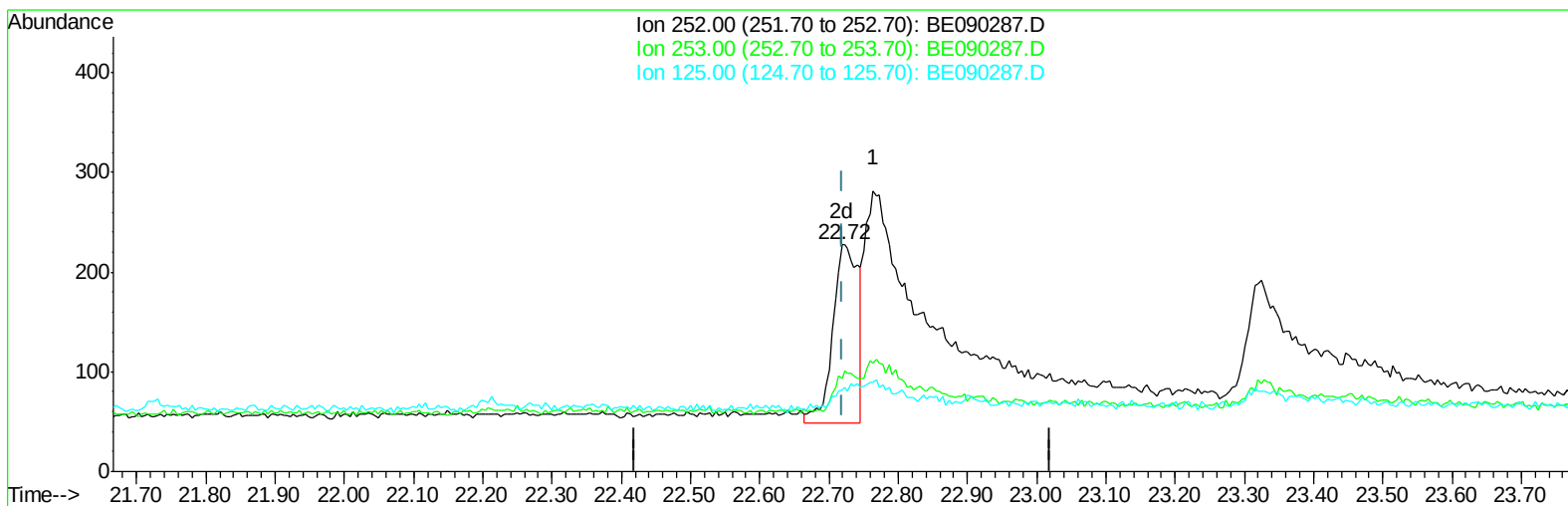
22.764min (+0.043) 0.26ng/ul

response 829

Ion	Exp%	Act%
252.00	100	100
253.00	28.60	38.79
125.00	17.30	32.03
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(21) Benzo(b)fluoranthene

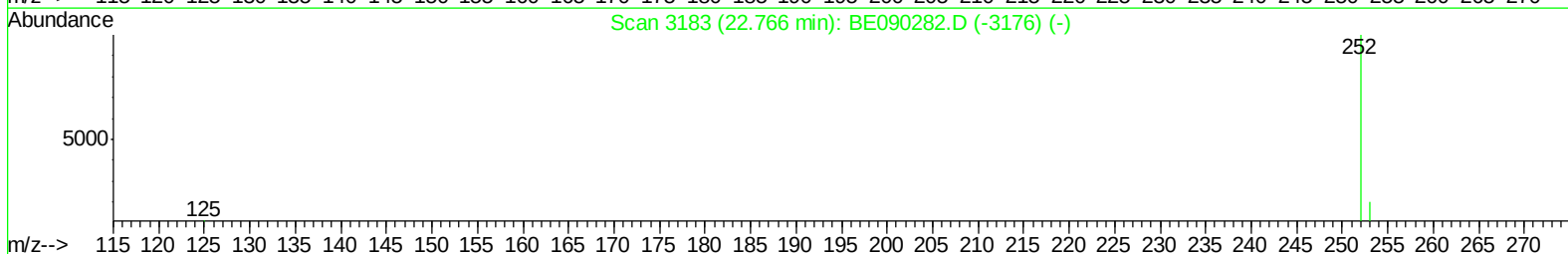
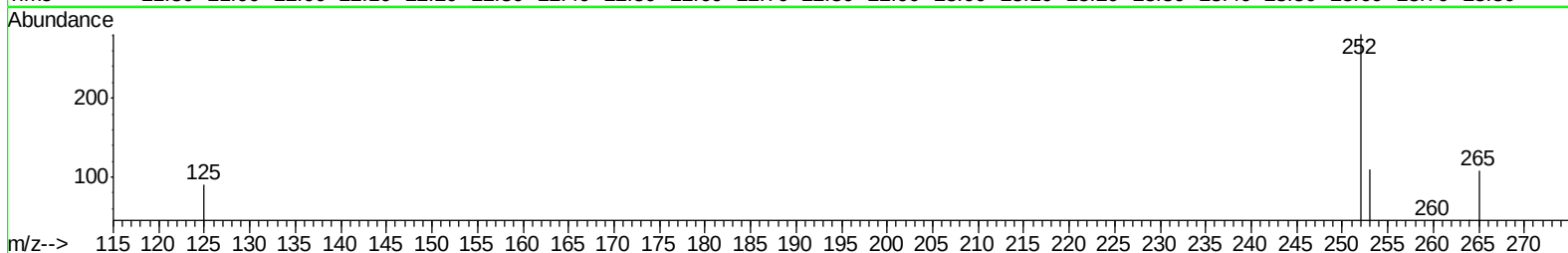
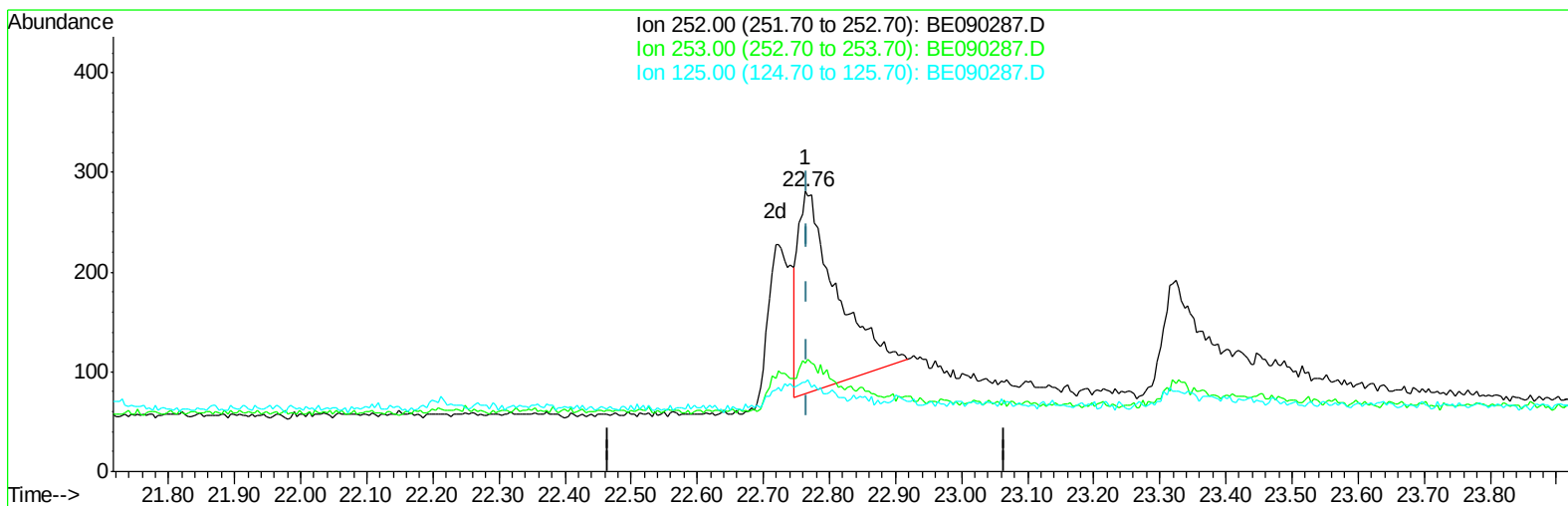
22.718min (-0.002) 0.15ng/ul m

response 463

Ion	Exp%	Act%
252.00	100	100
253.00	28.60	40.97
125.00	17.30	36.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(22) Benzo(k)fluoranthene

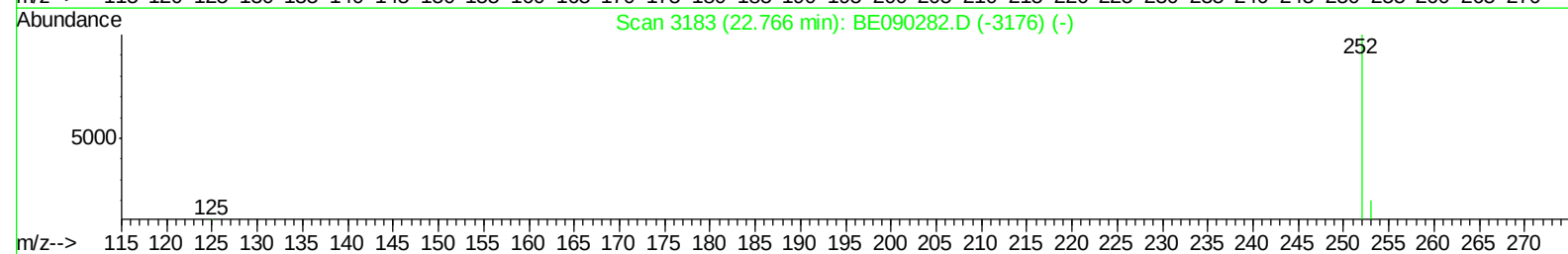
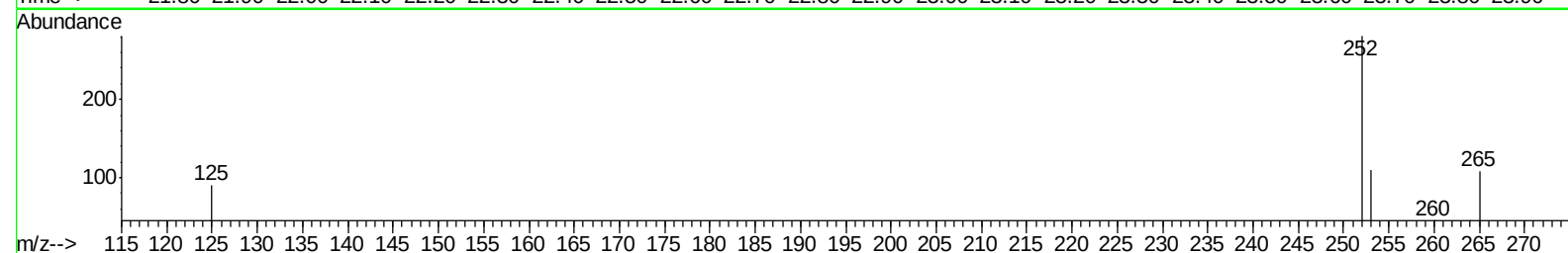
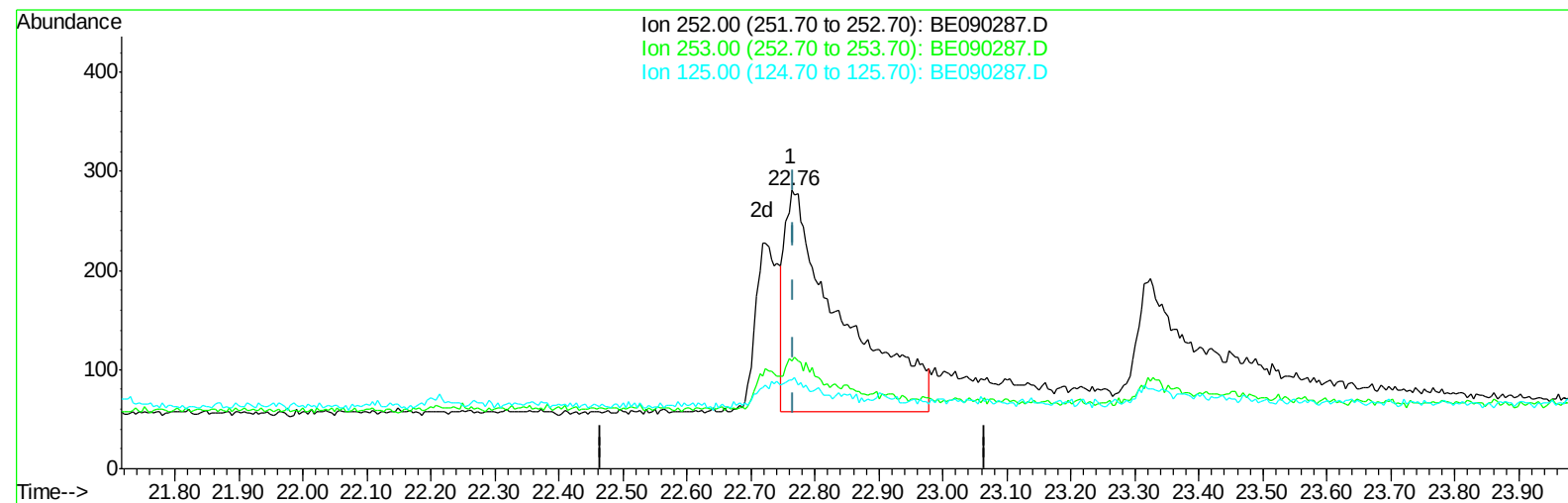
22.764min (-0.002) 0.08ng/ul

response 829

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	38.79#
125.00	16.60	32.03#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(22) Benzo(k)fluoranthene

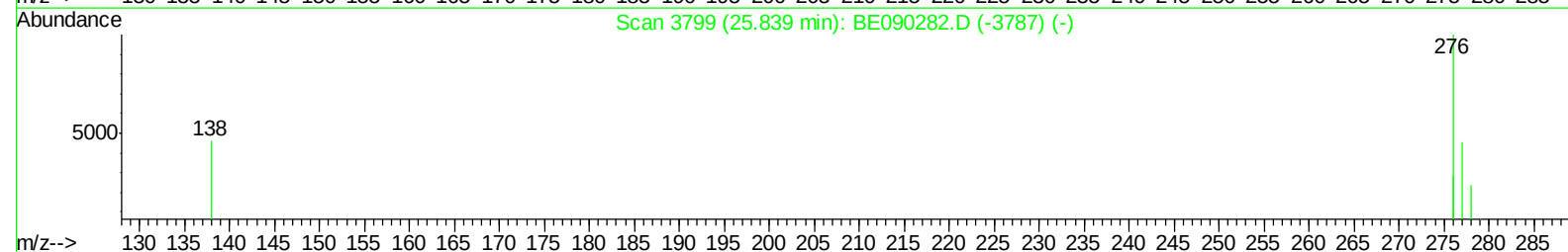
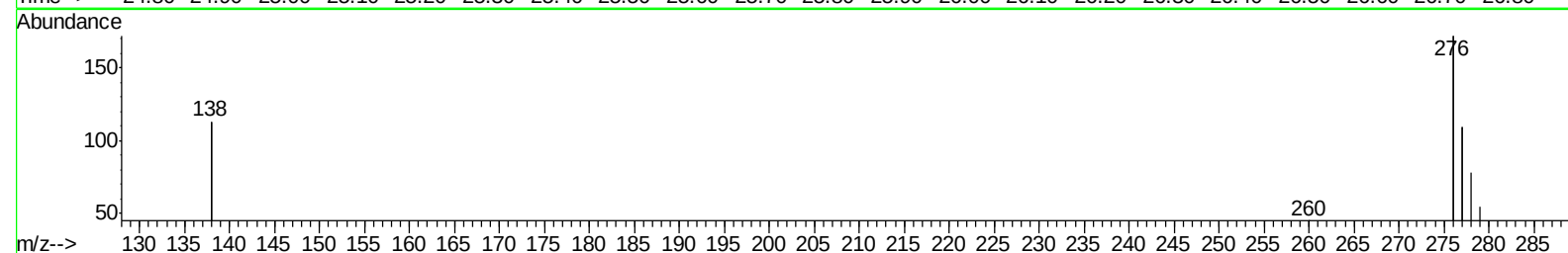
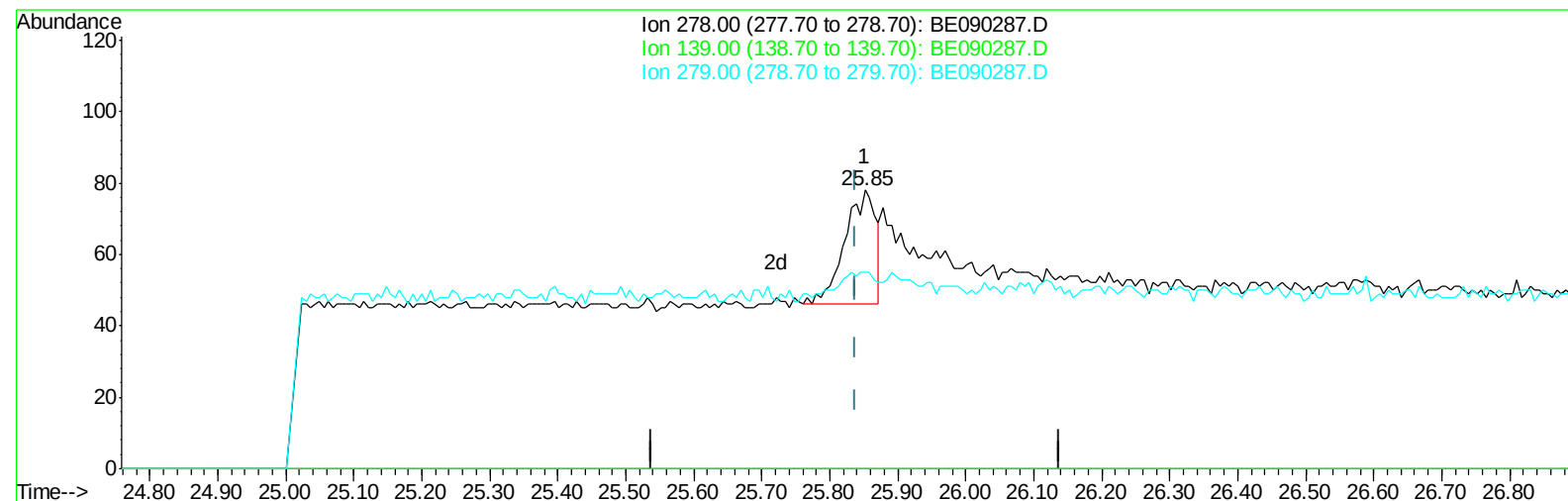
22.764min (-0.002) 0.14ng/ul m

response 1385

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	38.79#
125.00	16.60	32.03#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(25) Dibenzo(a,h)anthracene

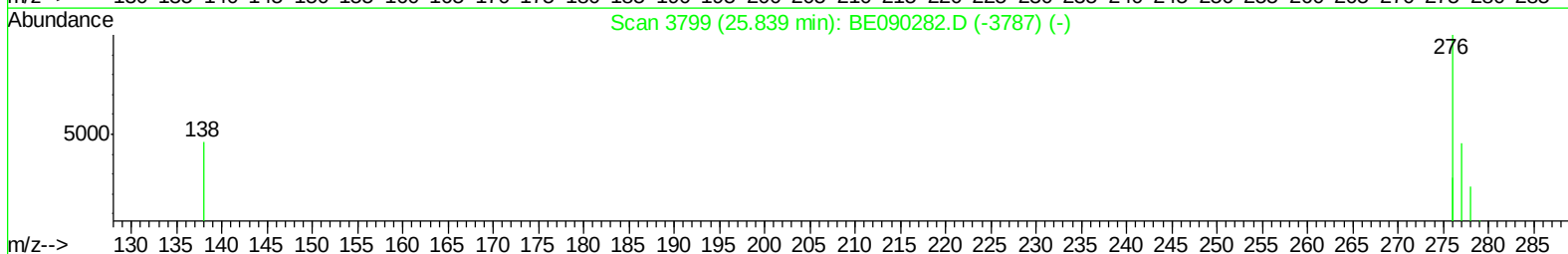
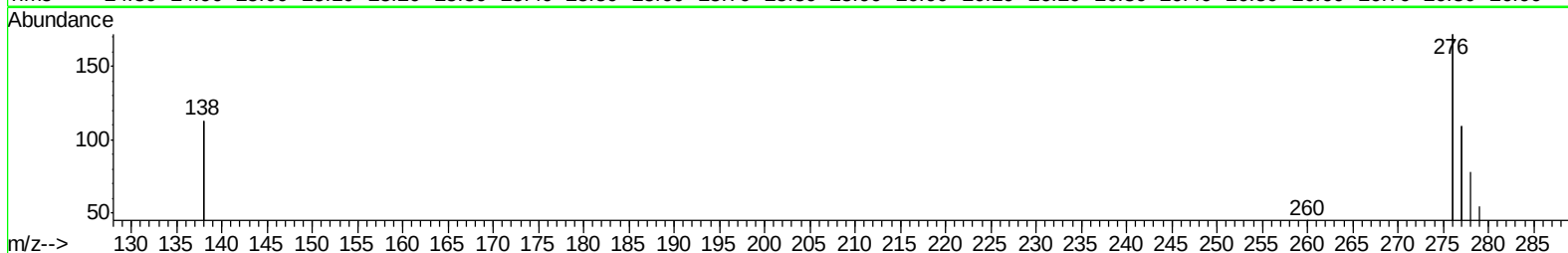
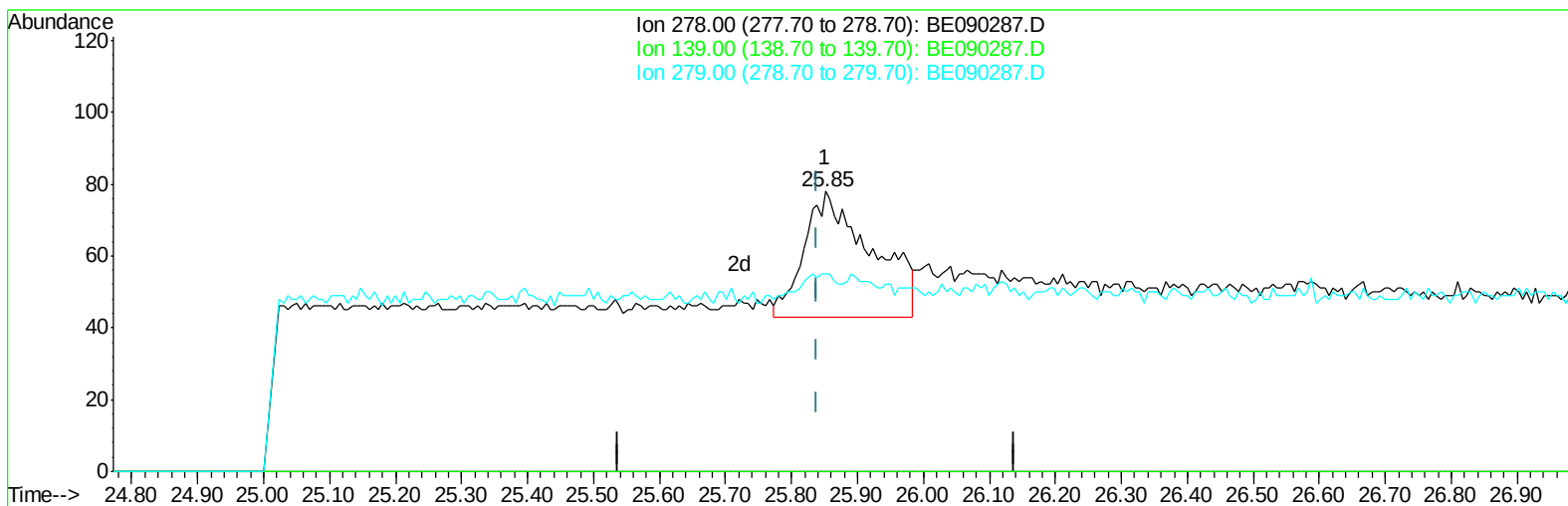
25.852min (+0.013) 0.06ng/ul

response 102

Ion	Exp%	Act%
278.00	100	100
139.00	0.00	0.00
279.00	46.70	70.51#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 01:57:03 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: BE090287.D

(25) Dibenzo(a,h)anthracene

25.852min (+0.013) 0.16ng/ul m

response 246

Ion	Exp%	Act%
278.00	100	100
139.00	0.00	0.00
279.00	46.70	70.51#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
 Data File : BE090287.D
 Acq On : 29 Jul 2015 18:28
 Operator : TP/IZ
 Sample : MDL-05-S
 Misc : MDL-SIM2.2-SOIL-0.15PPM
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 02:30:55 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	927	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	3751	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2296	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5232	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	3616	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	2091	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	2307	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	5755	0.40	ng/ul	0.00

Target Compounds

						Ovalue
3) Naphthalene	10.41	128	1203	0.12	ng/ul#	88
5) 2-Methylnaphthalene	12.03	142	715	0.11	ng/ul	100
7) Acenaphthylene	13.92	152	5612	0.12	ng/ul#	92
8) Acenaphthene	14.27	153	4059	0.11	ng/ul	98
9) Fluorene	15.26	166	1076	0.11	ng/ul#	93
11) Pentachlorophenol	16.61	266	54	0.16	ng/ul#	84
12) Phenanthrene	16.98	178	6646	0.12	ng/ul#	93
13) Anthracene	17.07	178	7083m	0.12	ng/ul	
15) Fluoranthene	19.00	202	8043	0.12	ng/ul	95
17) Pyrene	19.36	202	8694	0.13	ng/ul	96
18) Benzo(a)anthracene	21.10	228	670m	0.12	ng/ul	
19) Chrysene	21.15	228	2184m	0.14	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	463m	0.15	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	1385m	0.14	ng/ul	
23) Benzo(a)pyrene	23.32	252	490	0.11	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	25.83	276	1420	0.11	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.85	278	246m	0.16	ng/ul	
26) Benzo(g,h,i)perylene	26.56	276	2052	0.11	ng/ul#	65

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090287.D
Acq On : 29 Jul 2015 18:28
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SIM2.2-SOIL-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 30 02:30:55 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

