

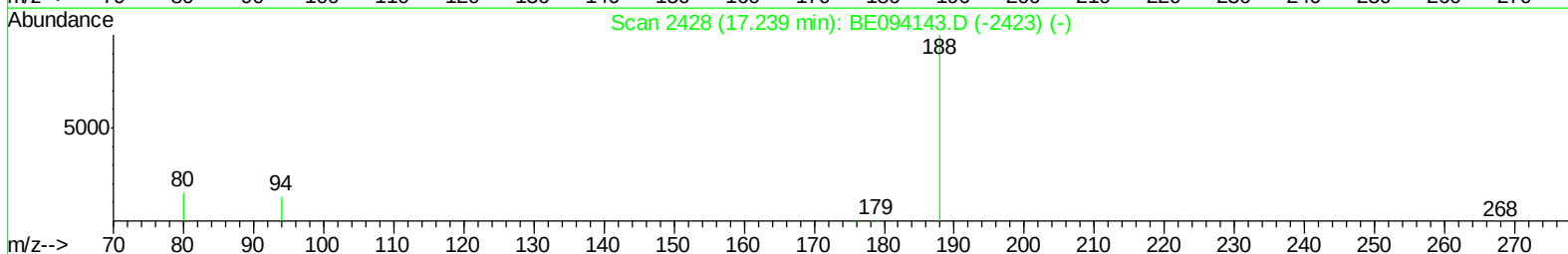
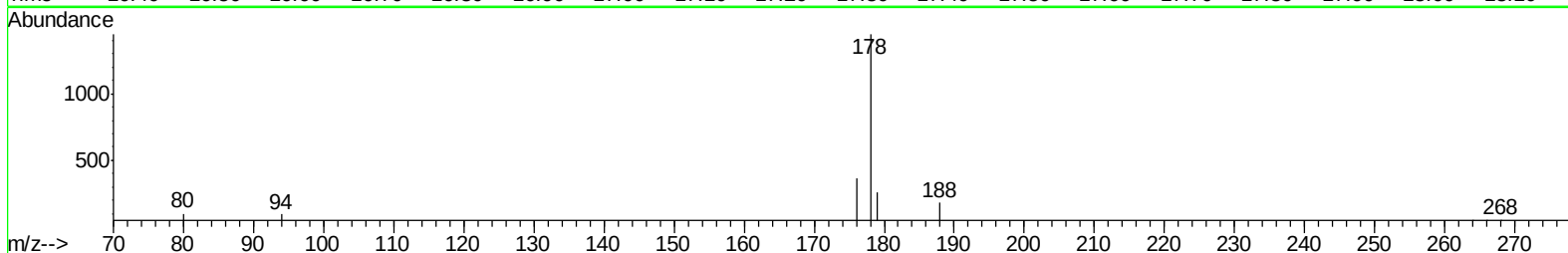
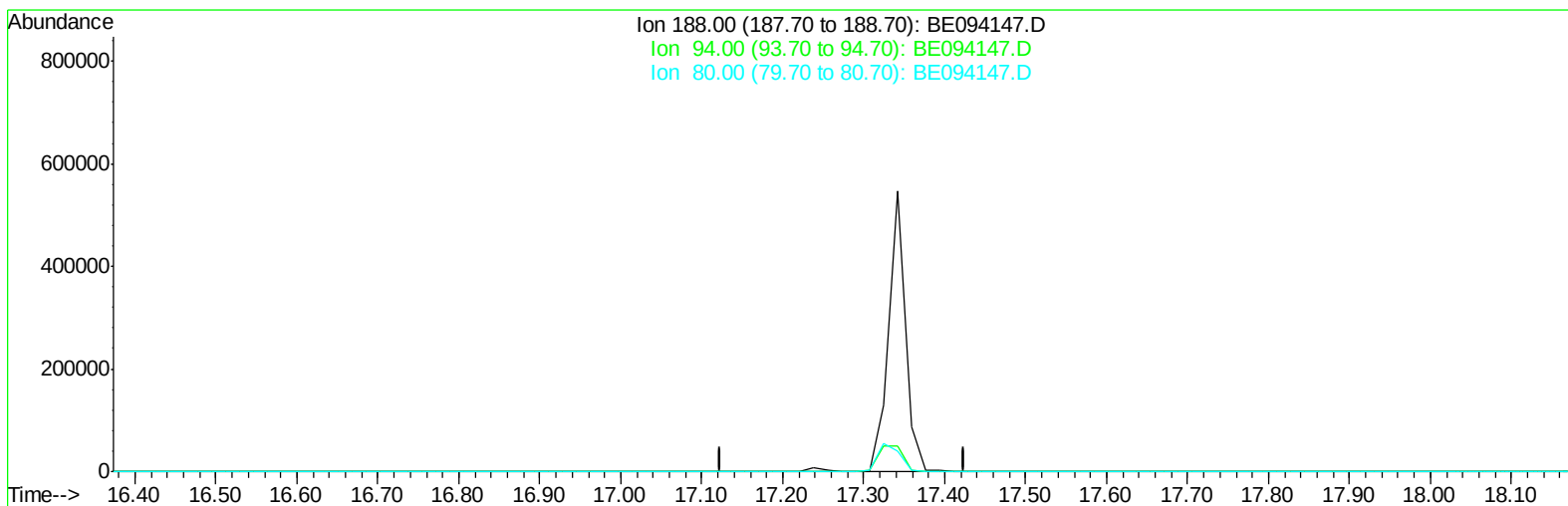
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:33:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(10) Phenanthrene-d10 (I)

17.274min (-17.274) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

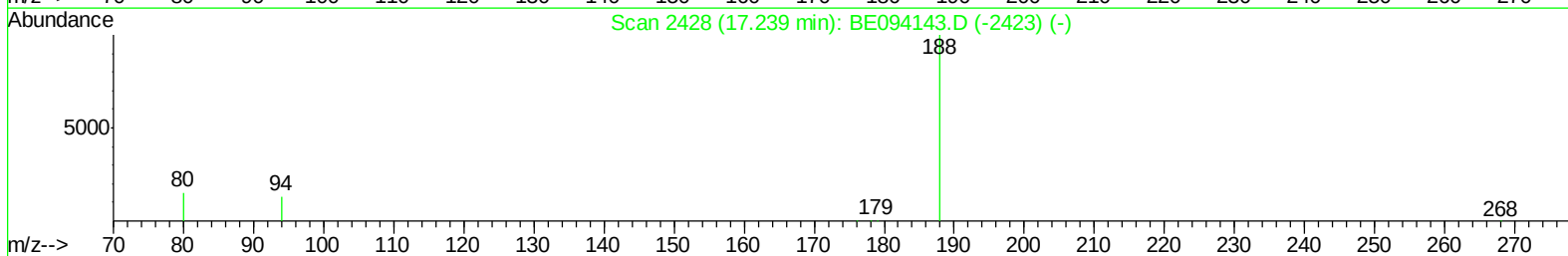
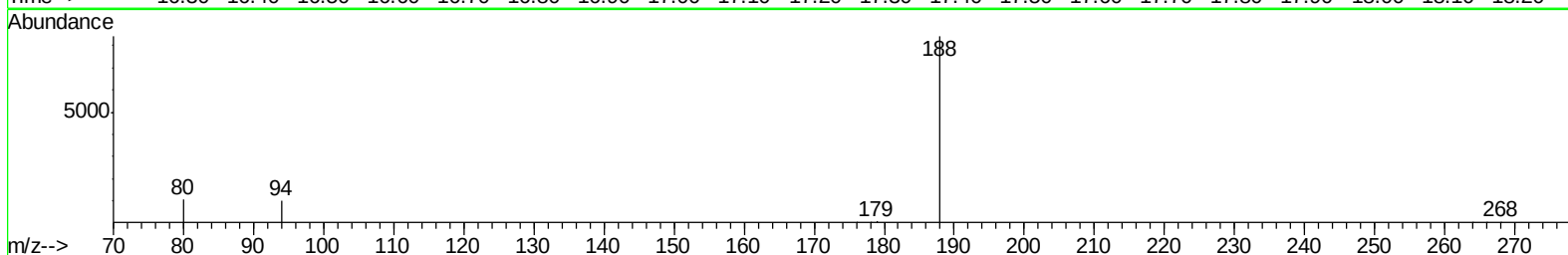
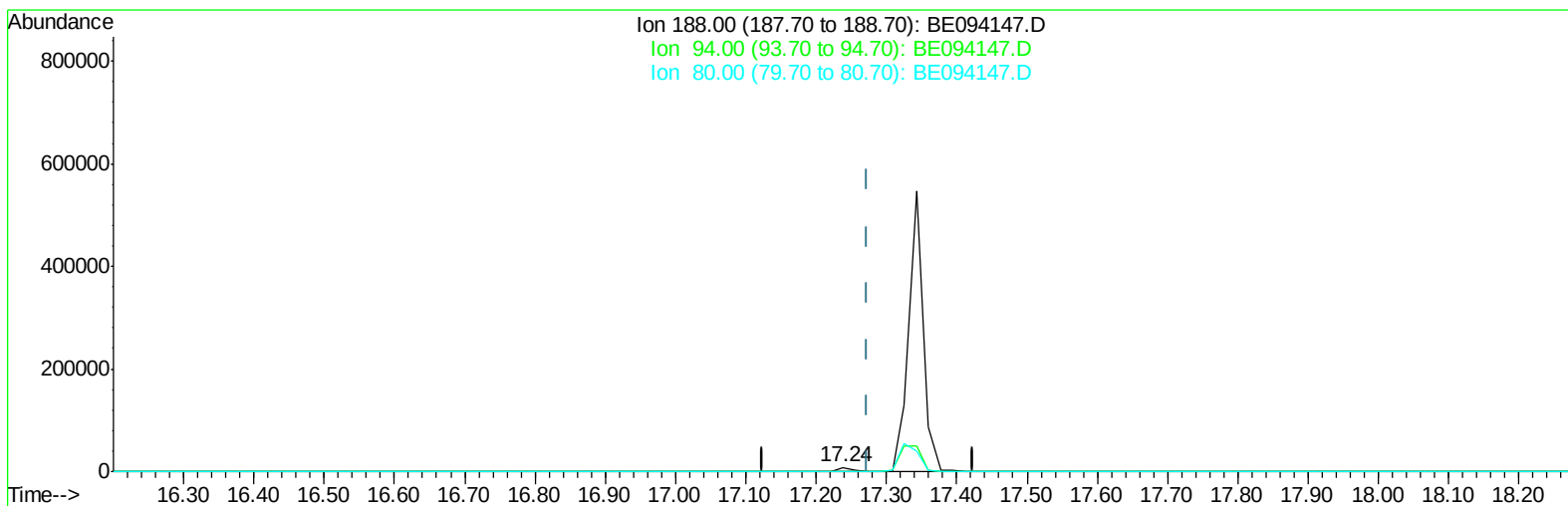
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:33:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(10) Phenanthrene-d10 (I)

17.239min (-0.035) 0.40ng/ul m

response 13328

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.99
80.00	11.80	12.62
0.00	0.00	0.00

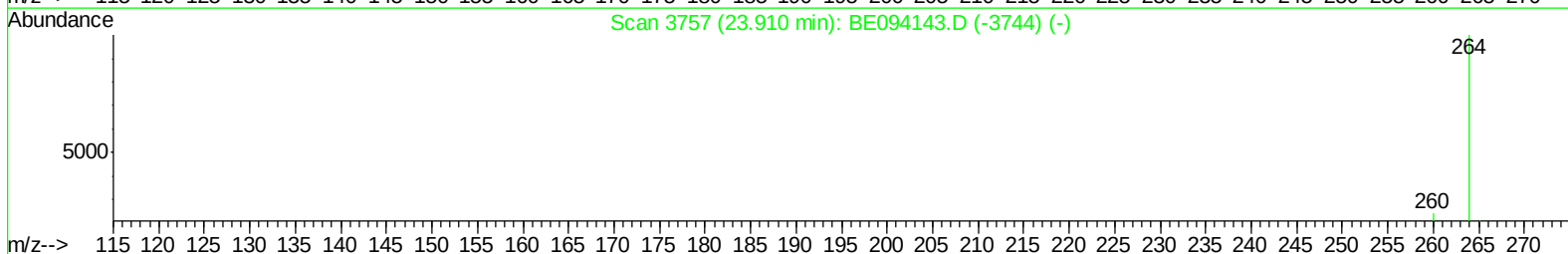
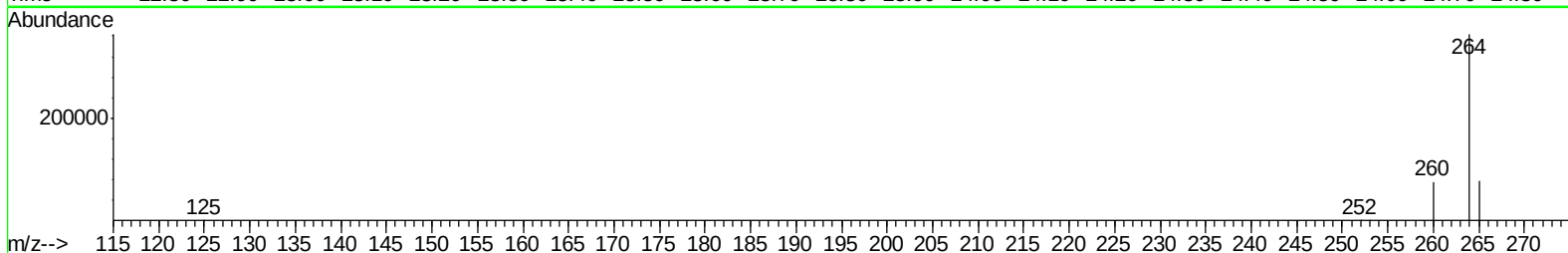
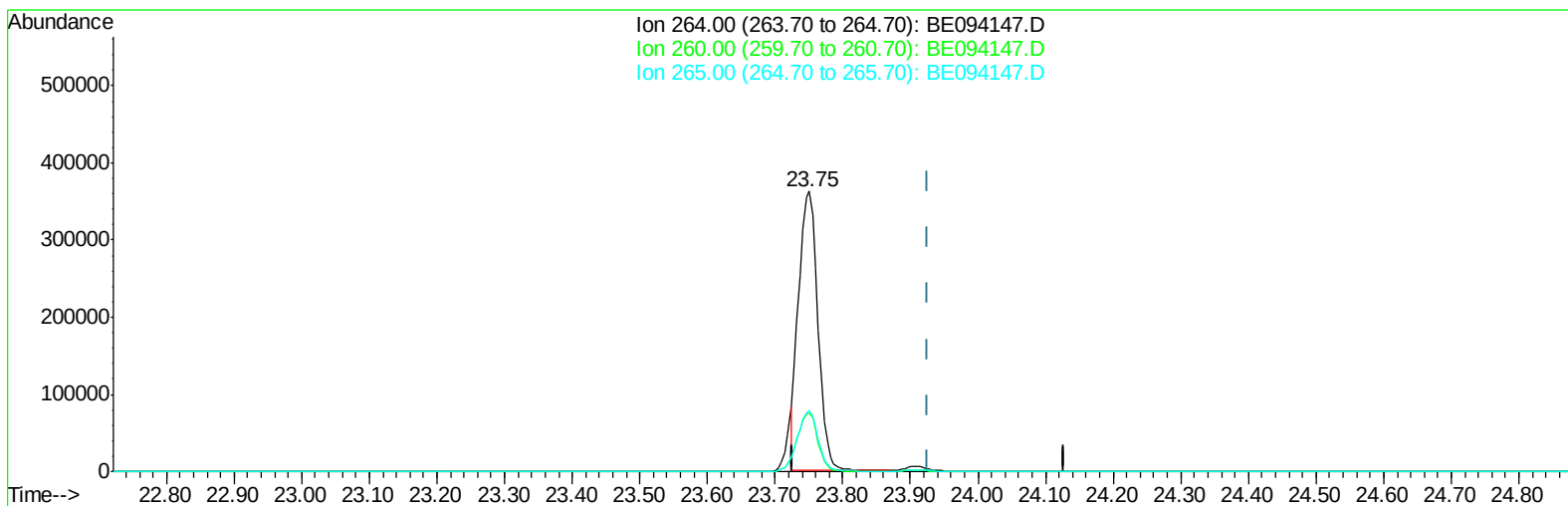
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:34:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(20) Perylene-d12 (I)

23.751min (-0.177) 0.40ng/ul

response 720018

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.91#
265.00	103.50	21.66#
0.00	0.00	0.00

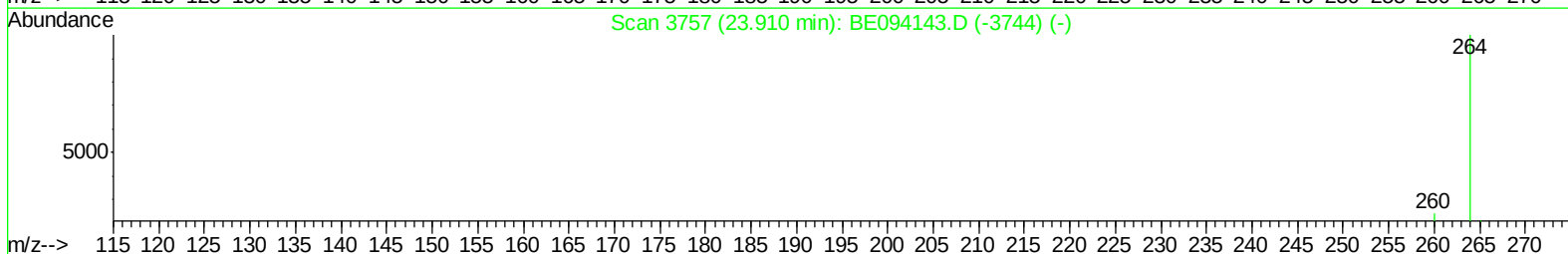
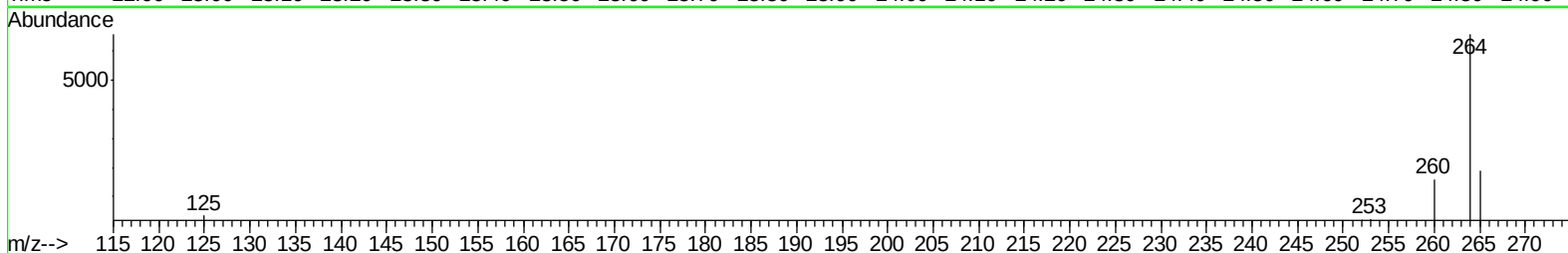
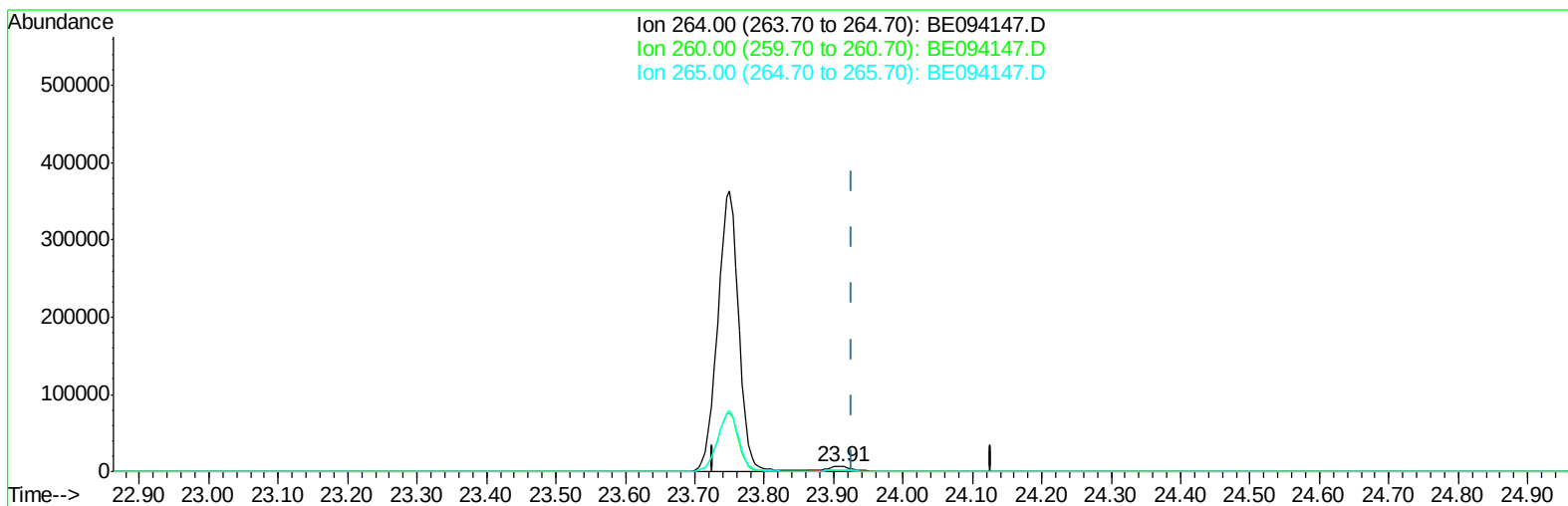
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:34:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(20) Perylene-d12 (I)

23.910min (-0.017) 0.40ng/ul m

response 12031

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.30
265.00	103.50	28.84#
0.00	0.00	0.00

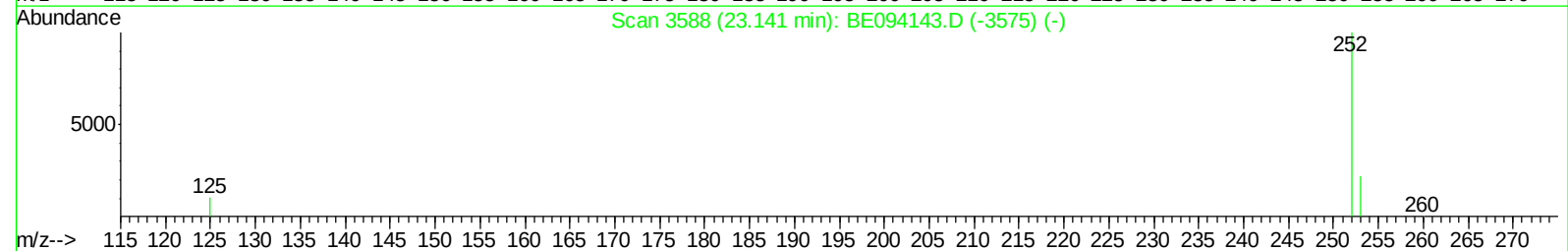
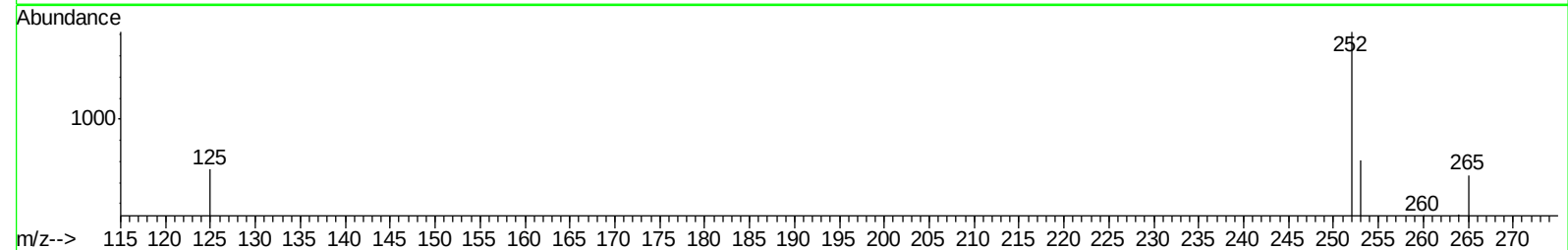
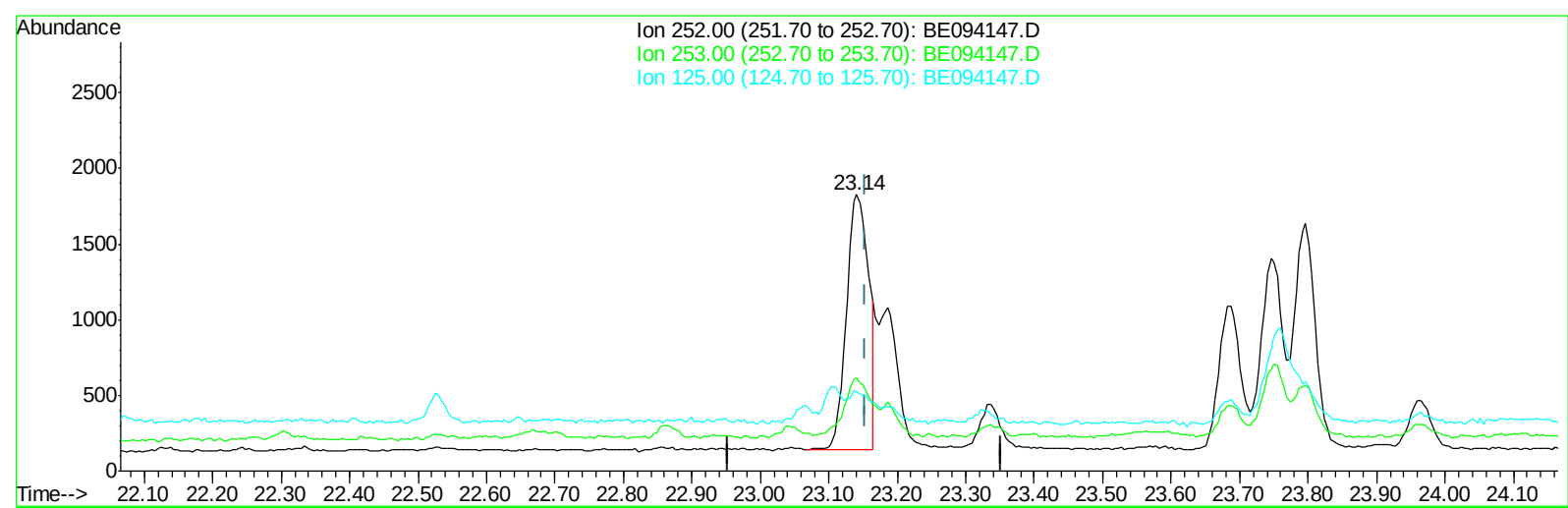
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(21) Benzo(b)fluoranthene
23.140min (-0.013) 0.11ng/ul
response 3755

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.52
125.00	17.50	28.54
0.00	0.00	0.00

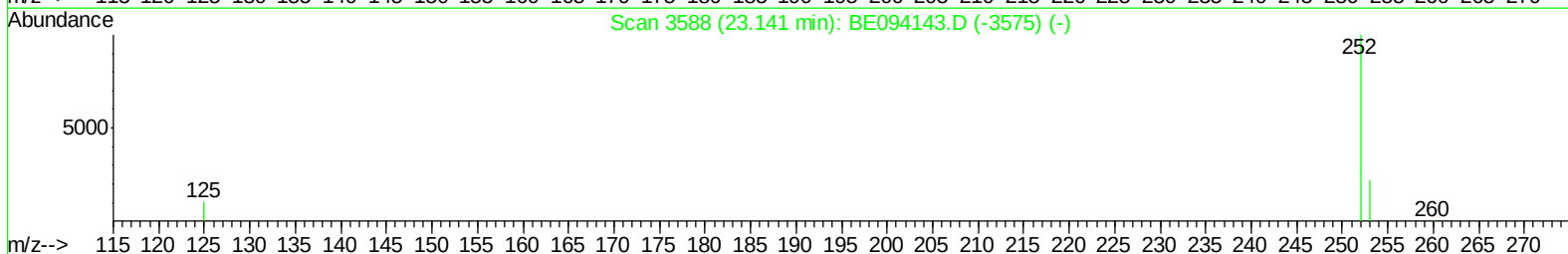
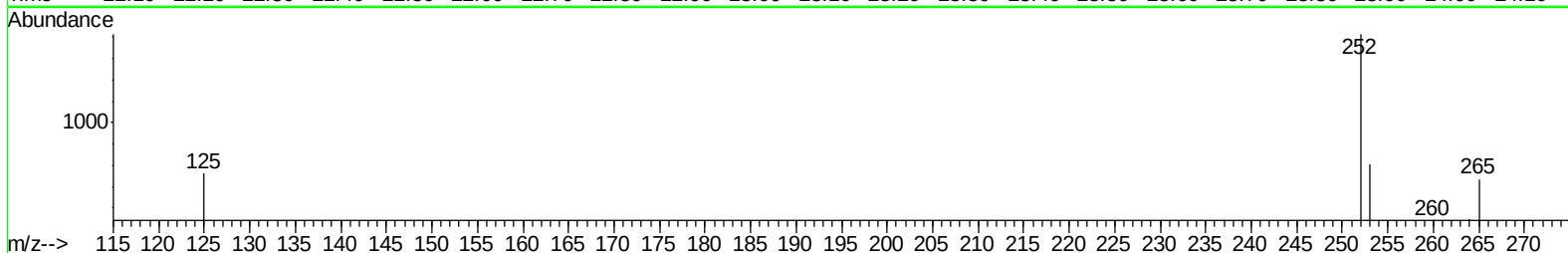
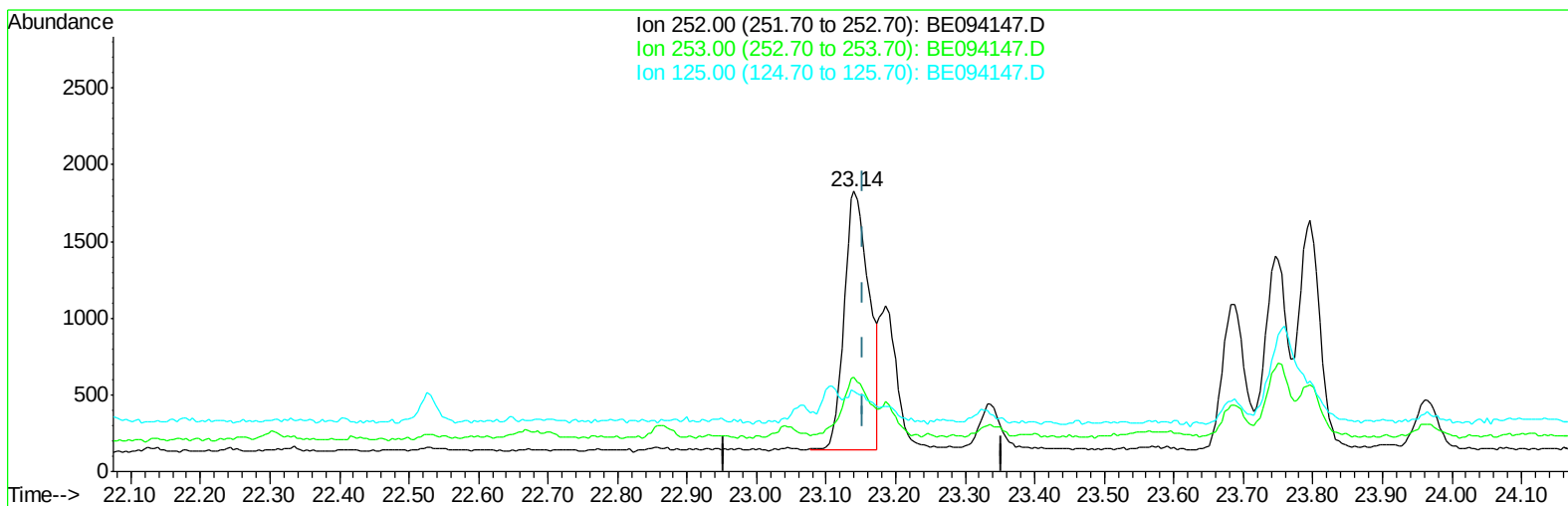
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(21) Benzo(b)fluoranthene

23.140min (-0.013) 0.13ng/ul m

response 4244

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.52
125.00	17.50	28.54
0.00	0.00	0.00

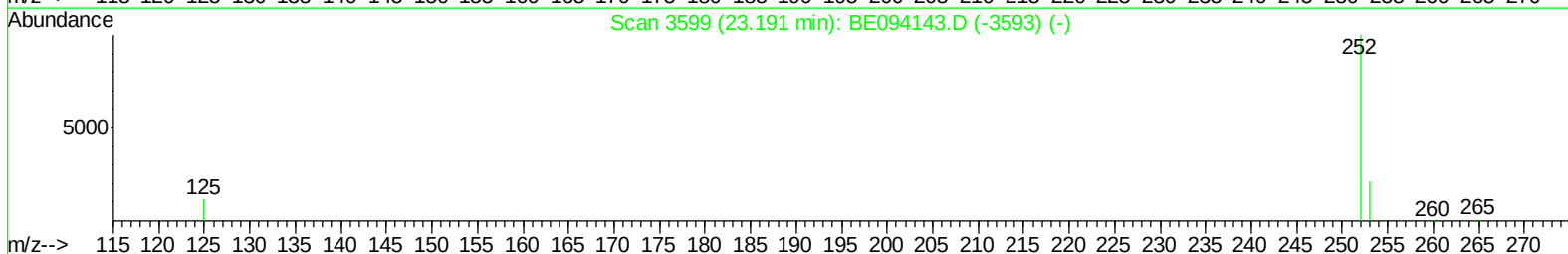
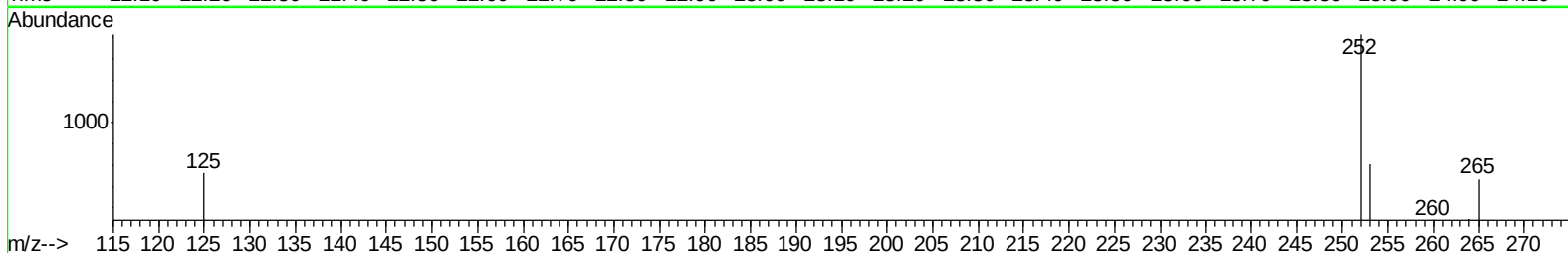
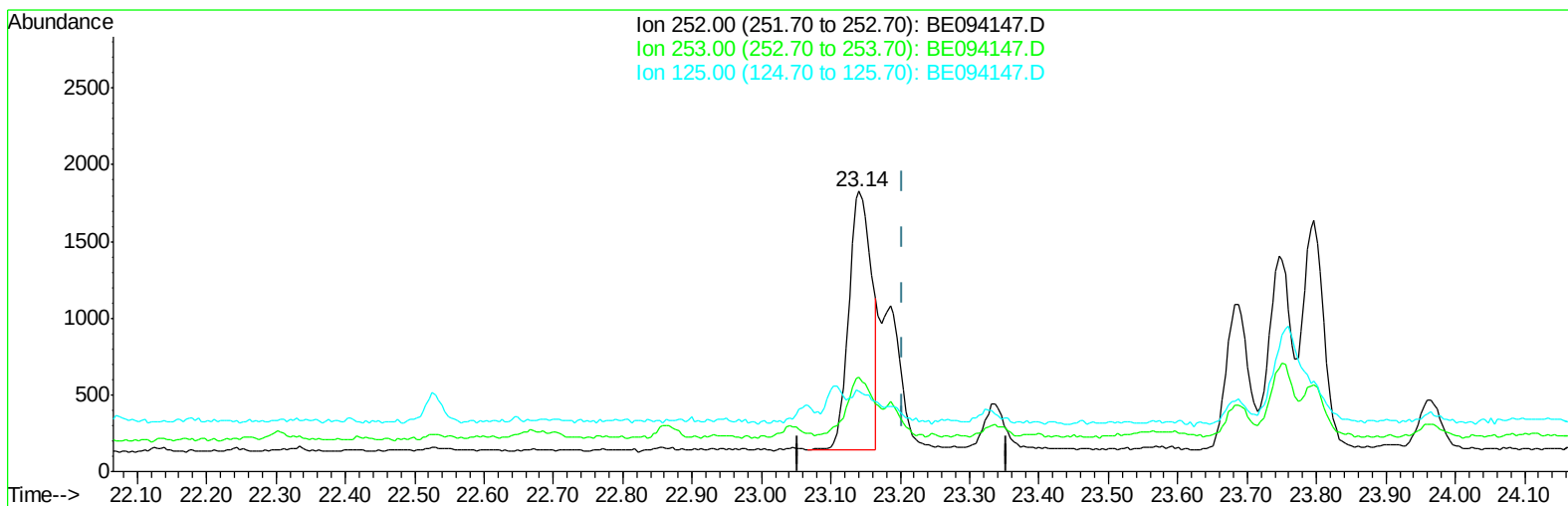
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(22) Benzo(k)fluoranthene
23.140min (-0.063) 0.10ng/ul
response 3755

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.52
125.00	17.10	28.54#
0.00	0.00	0.00

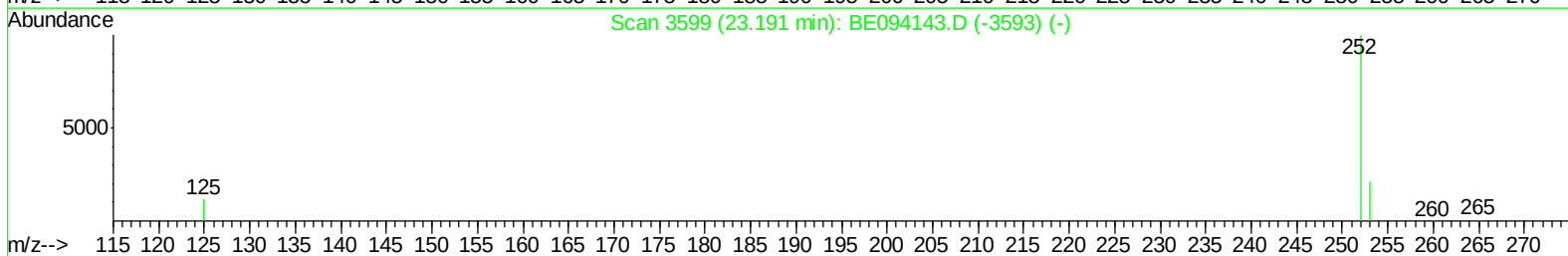
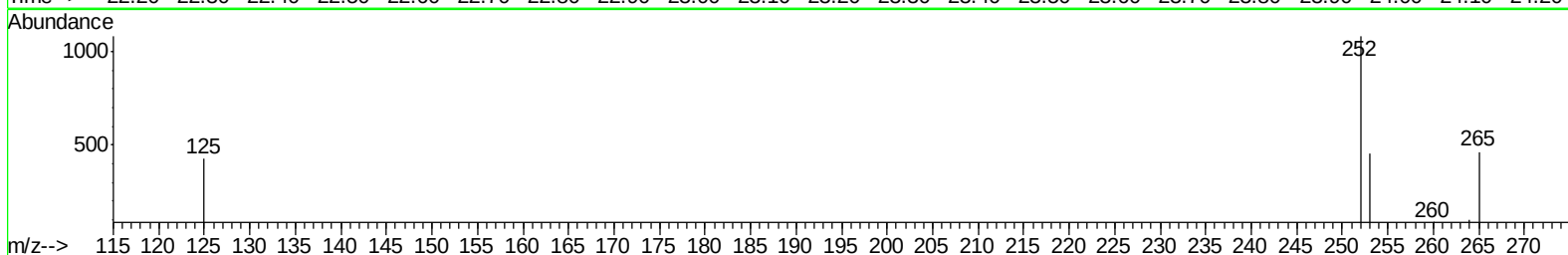
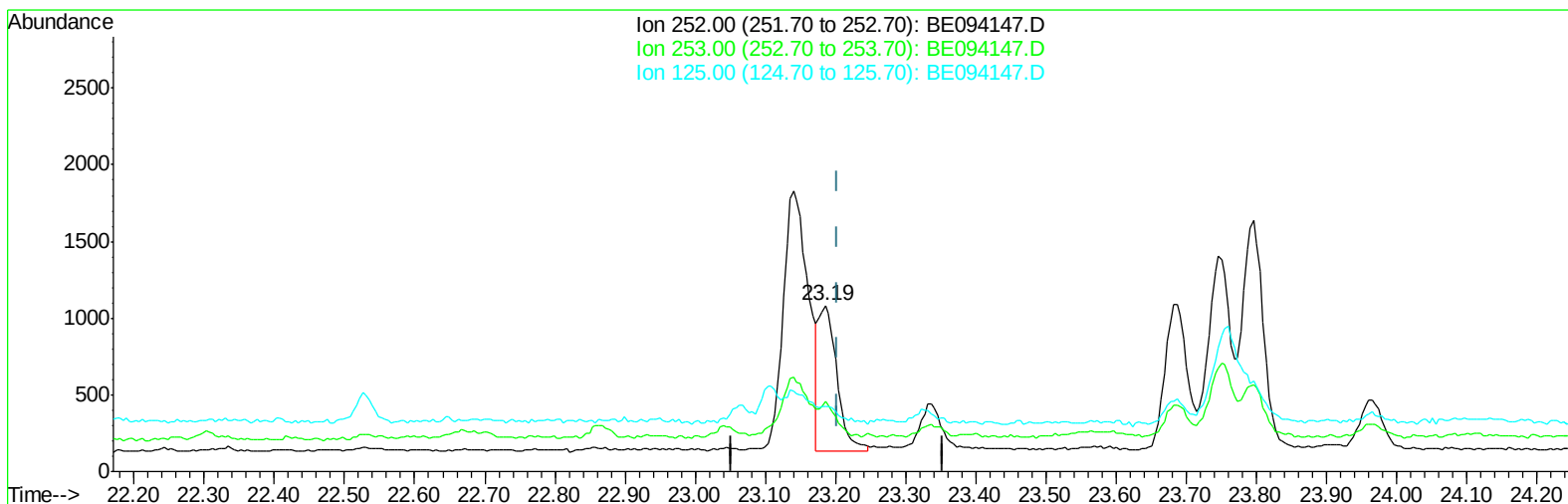
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(22) Benzo(k)fluoranthene

23.186min (-0.017) 0.04ng/ul m

response 1686

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	42.05#
125.00	17.10	39.37#
0.00	0.00	0.00

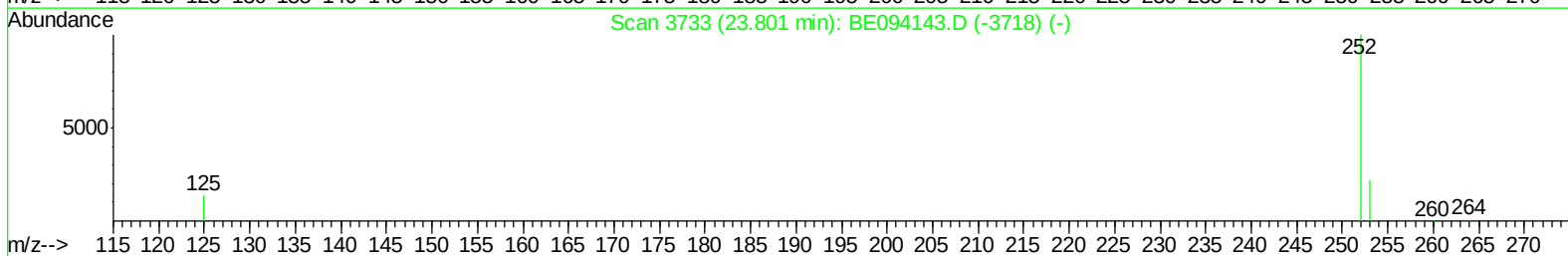
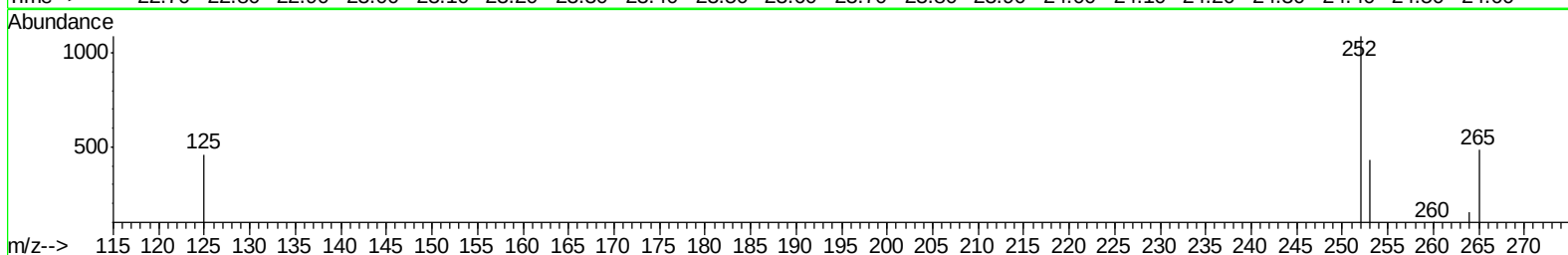
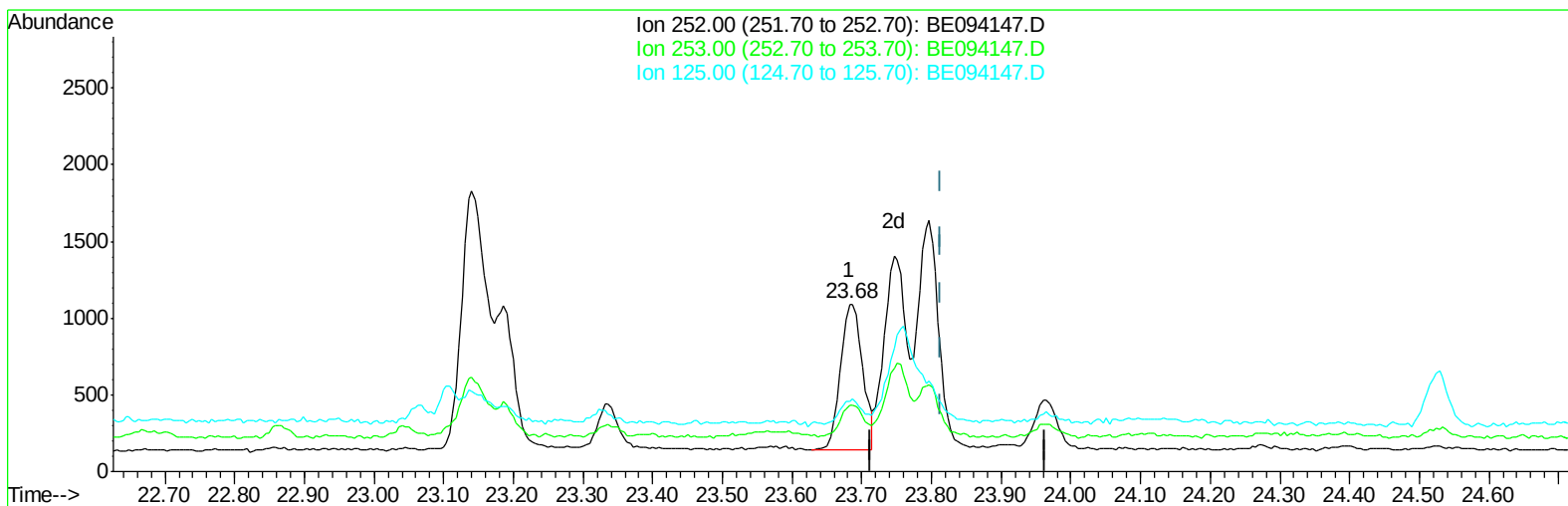
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(23) Benzo(a)pyrene (C)

23.682min (-0.131) 0.06ng/ul

response 2082

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.45
125.00	22.60	42.11#
0.00	0.00	0.00

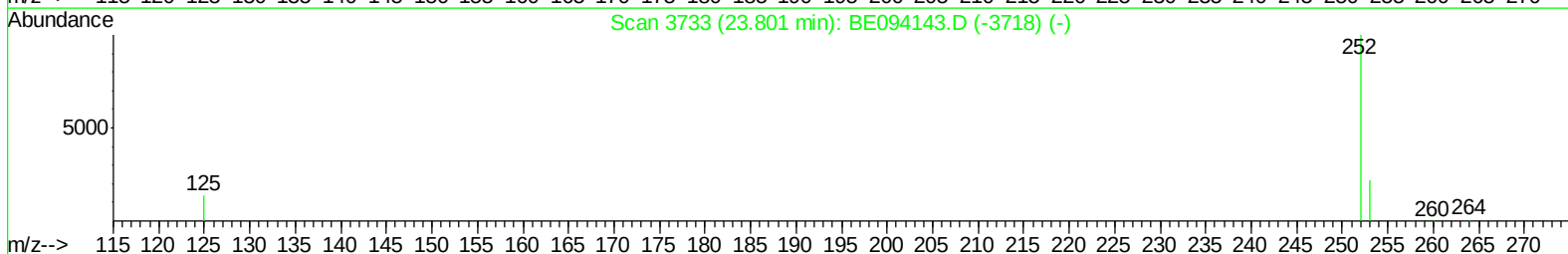
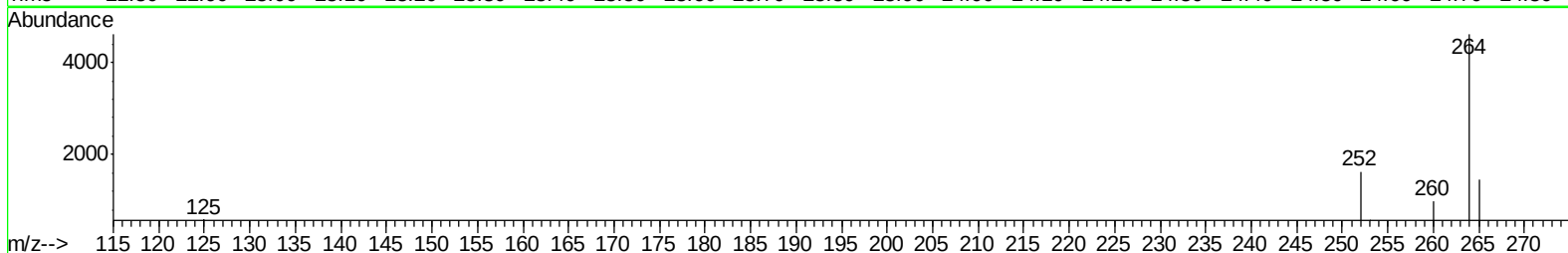
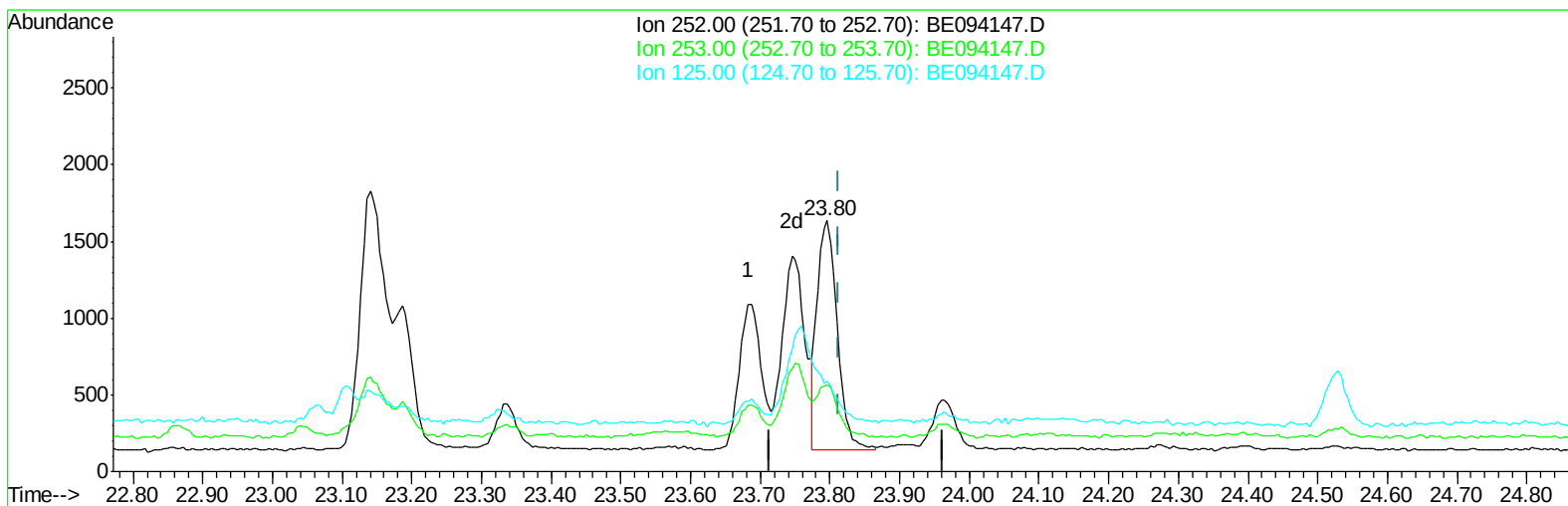
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(23) Benzo(a)pyrene (C)

23.796min (-0.017) 0.09ng/ul m

response 2991

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	34.70
125.00	22.60	36.23#
0.00	0.00	0.00

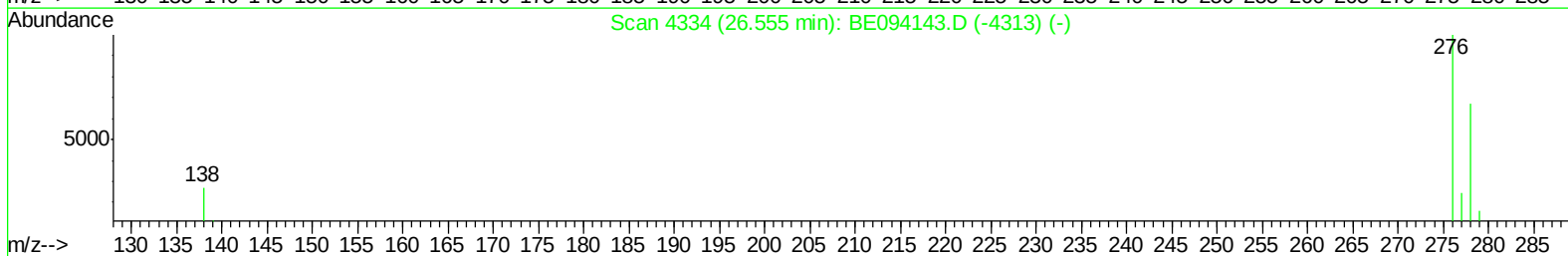
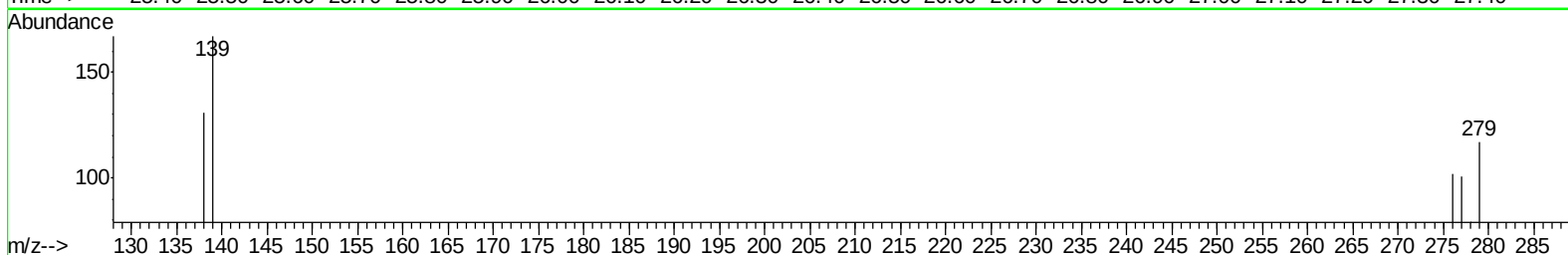
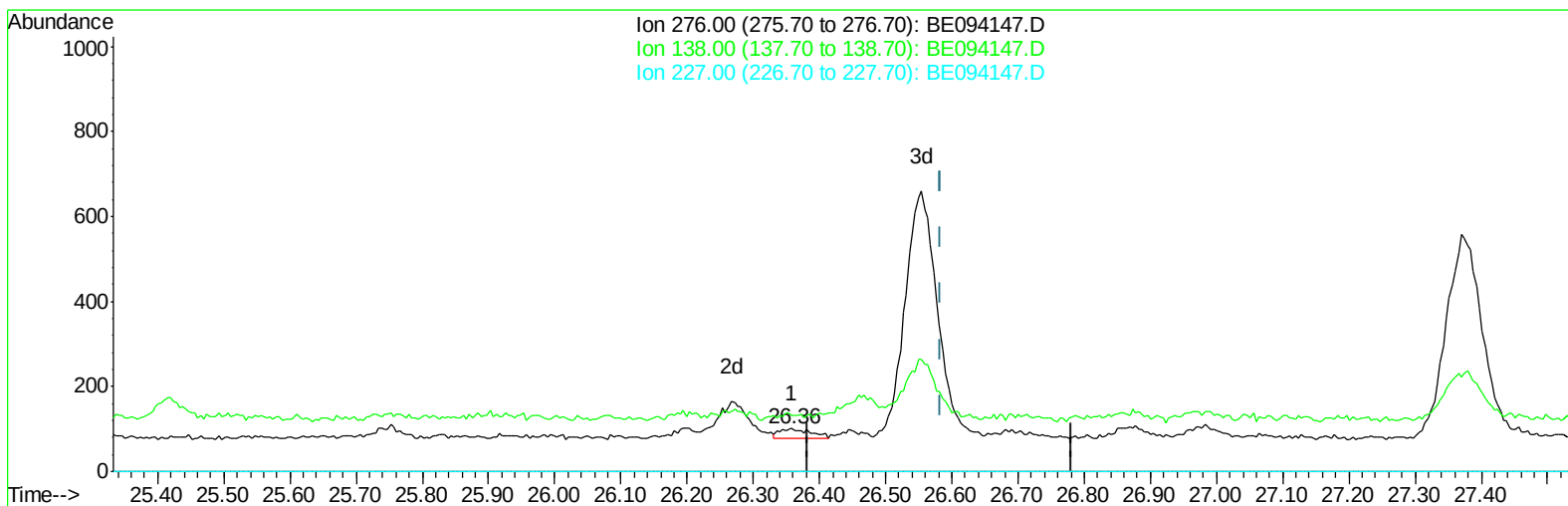
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(24) Indeno(1,2,3-cd)pyrene

26.358min (-0.225) 0.00ng/ul

response 68

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	23.53#
227.00	10.00	0.00#
0.00	0.00	0.00

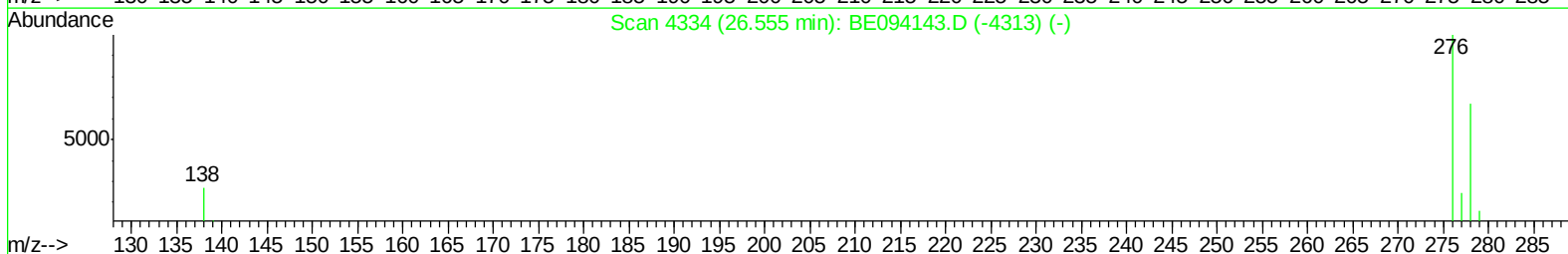
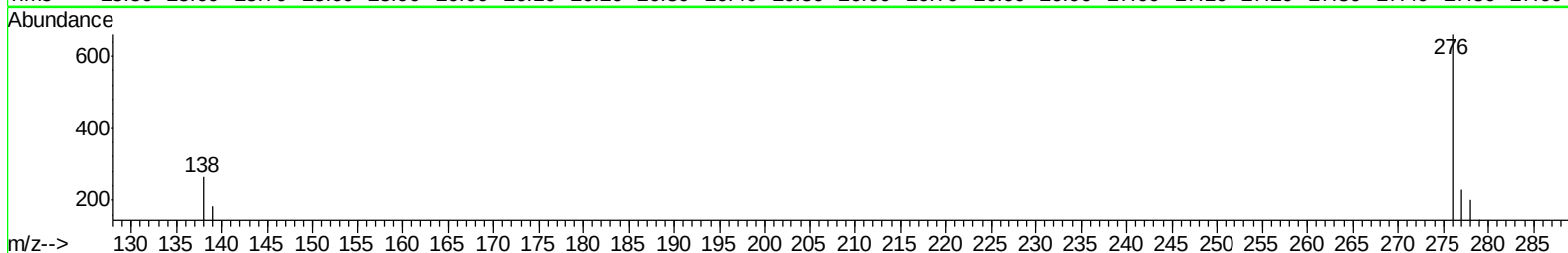
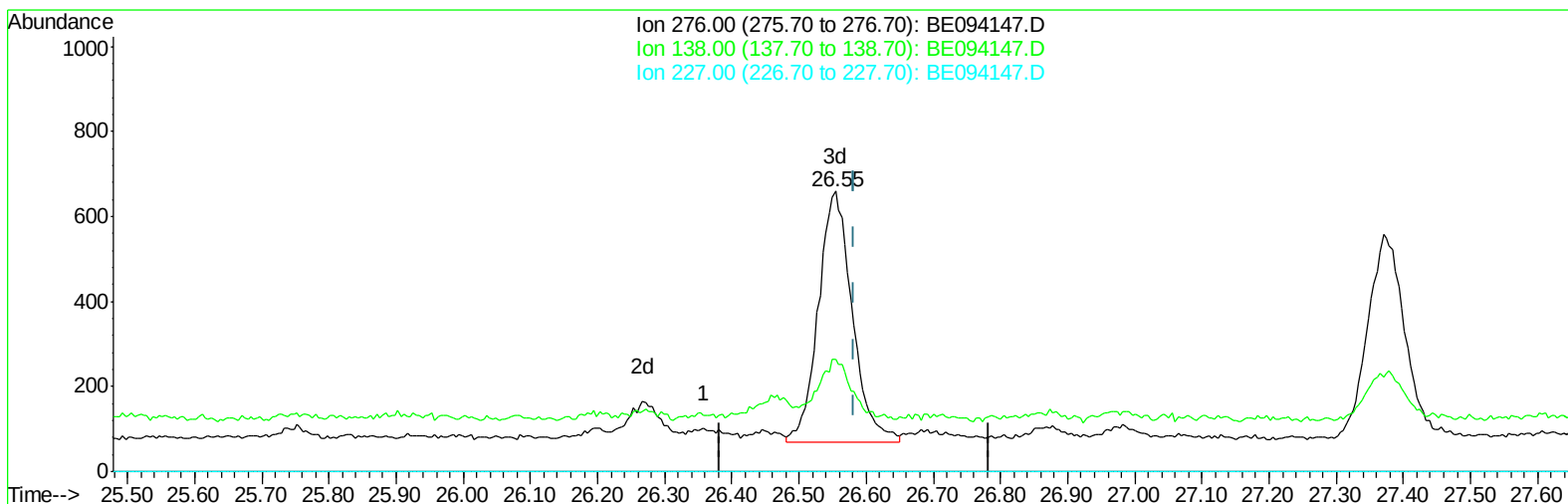
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(24) Indeno(1,2,3-cd)pyrene

26.554min (-0.029) 0.06ng/ul m

response 2079

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.77#
227.00	10.00	0.00#
0.00	0.00	0.00

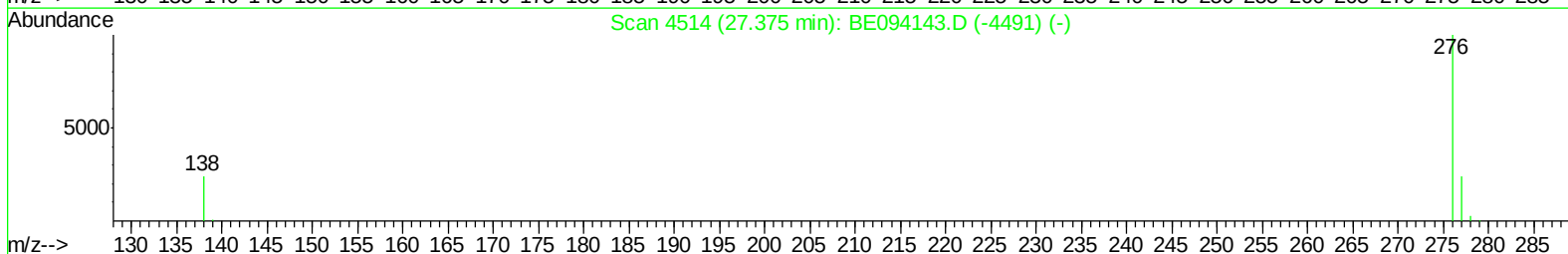
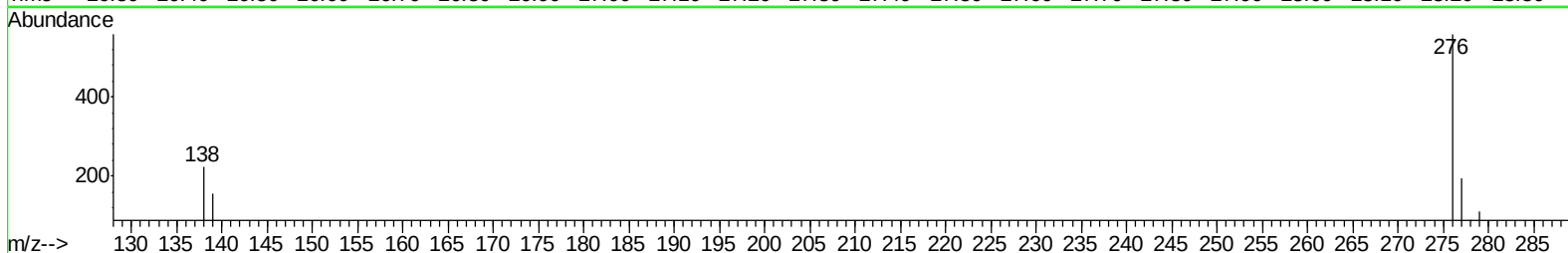
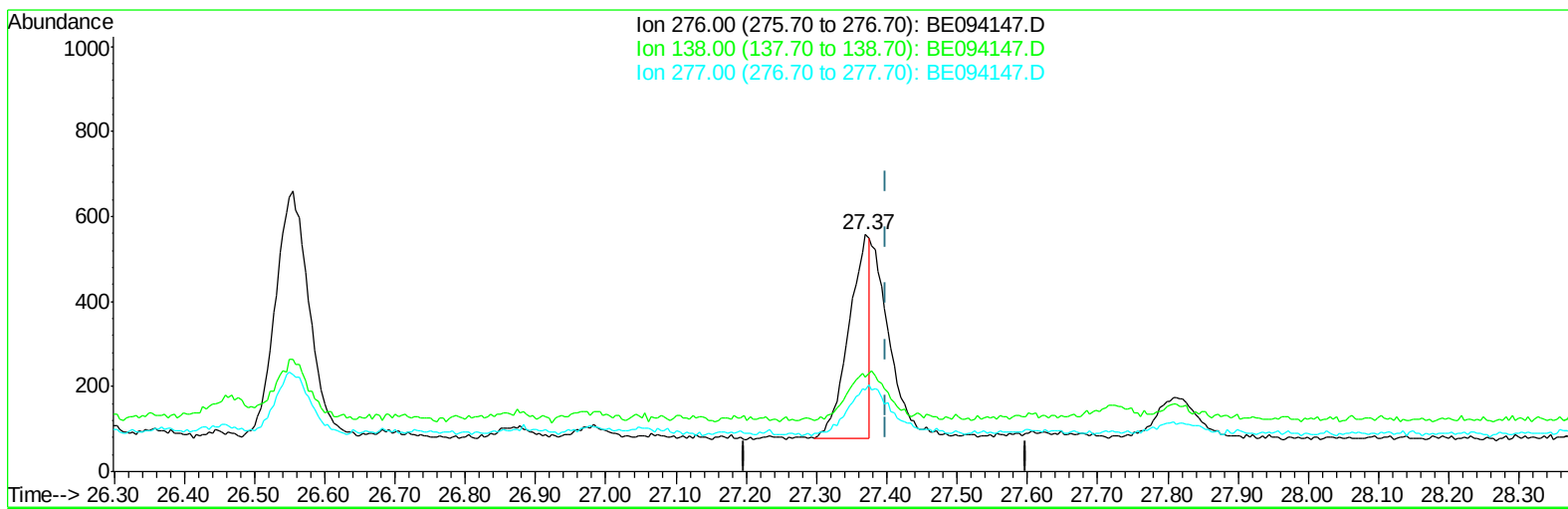
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(26) Benzo(g,h,i)perylene

27.370min (-0.029) 0.03ng/ul

response 976

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	39.96#
277.00	25.60	34.59#
0.00	0.00	0.00

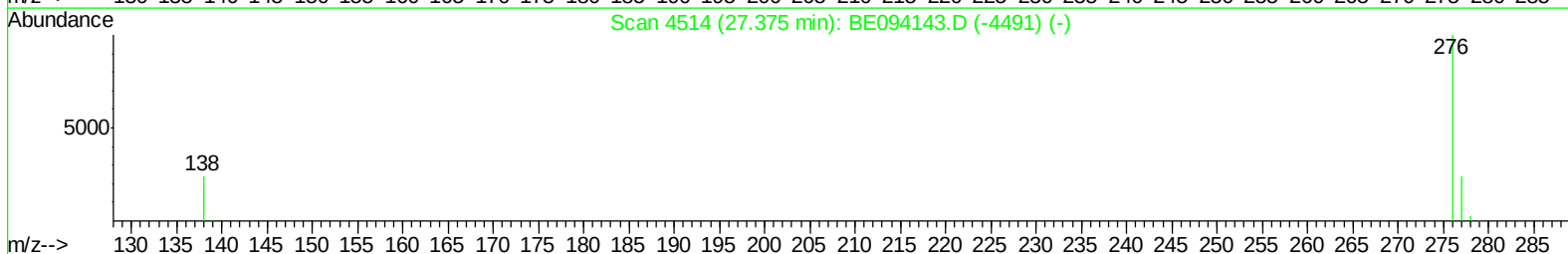
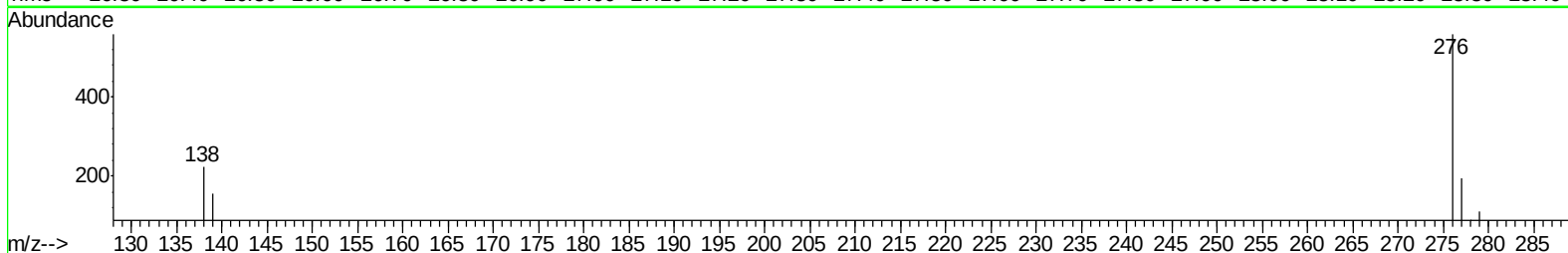
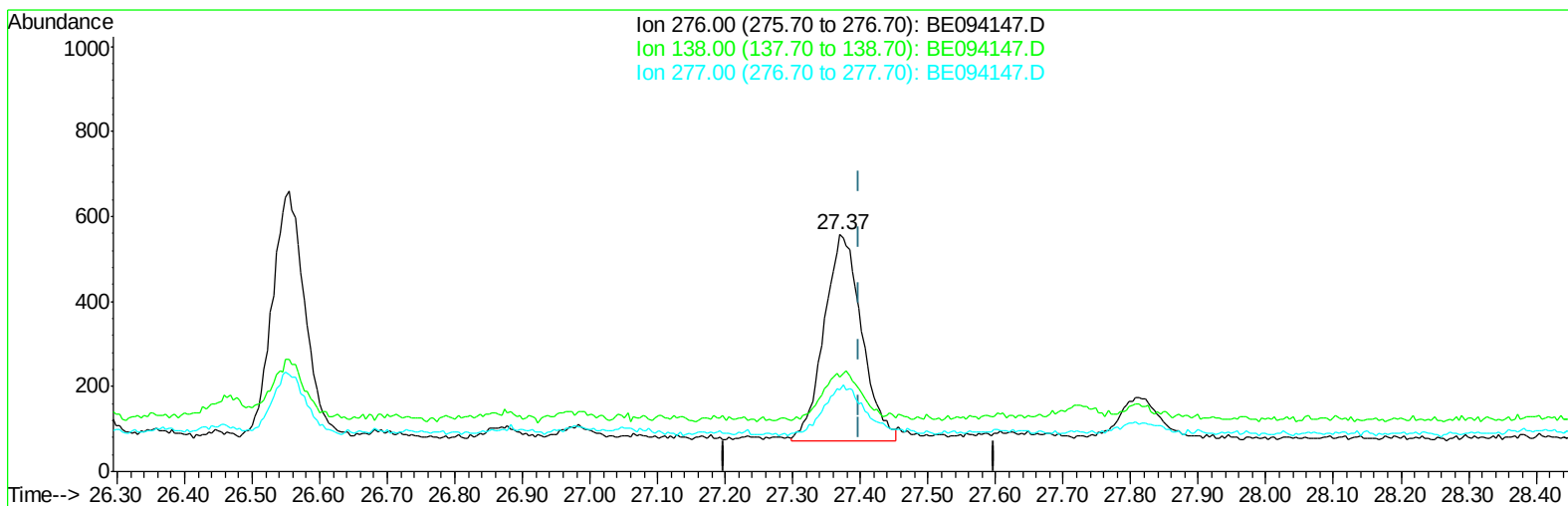
Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
Data File : BE094147.D
Acq On : 29 Sep 2017 11:36
Operator : SJ/JU
Sample : I5505-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:35:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 14:23:42 2017
Response via : Initial Calibration



TIC: BE094147.D

(26) Benzo(g,h,i)perylene

27.370min (-0.029) 0.06ng/ul m

response 1887

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	39.96#
277.00	25.60	34.59#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE092917\
 Data File : BE094147.D
 Acq On : 29 Sep 2017 11:36
 Operator : SJ/JU
 Sample : I5505-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE1

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:37:22 PM

Quant Time: Sep 29 14:38:11 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 14:23:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1547	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7991	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5379	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	13328m	0.40	ng/ul	-0.04
16) Chrysene-d12	21.40	240	13519	0.40	ng/ul	-0.01
20) Perylene-d12	23.91	264	12031m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3240	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	9977	0.22	ng/ul	-0.02
Target Compounds				Qvalue		
12) Phenanthrene	17.27	178	2864	0.082	ng/ul#	86
15) Fluoranthene	19.29	202	6537	0.143	ng/ul	85
17) Pyrene	19.65	202	7430	0.198	ng/ul#	89
18) Benzo(a)anthracene	21.39	228	3134	0.087	ng/ul#	89
19) Chrysene	21.44	228	3266	0.079	ng/ul	92
21) Benzo(b)fluoranthene	23.14	252	4244m	0.130	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	1686m	0.045	ng/ul	
23) Benzo(a)pyrene	23.80	252	2991m	0.088	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	2079m	0.060	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	1887m	0.063	ng/ul	

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

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