

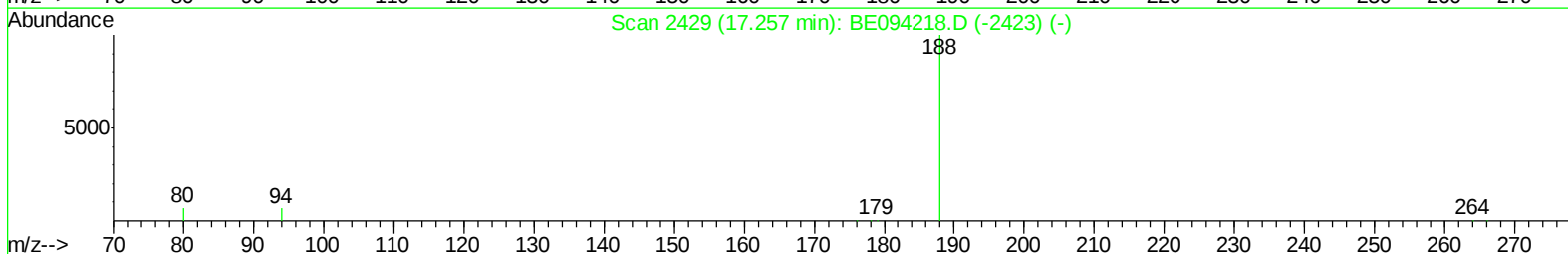
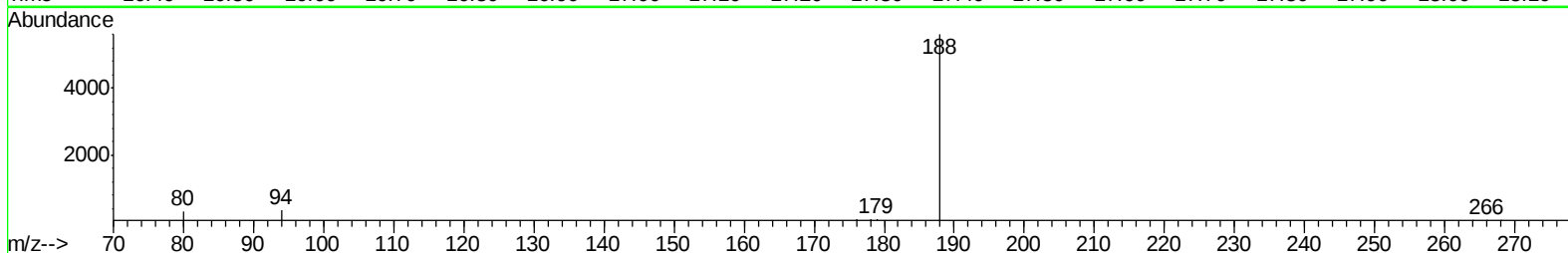
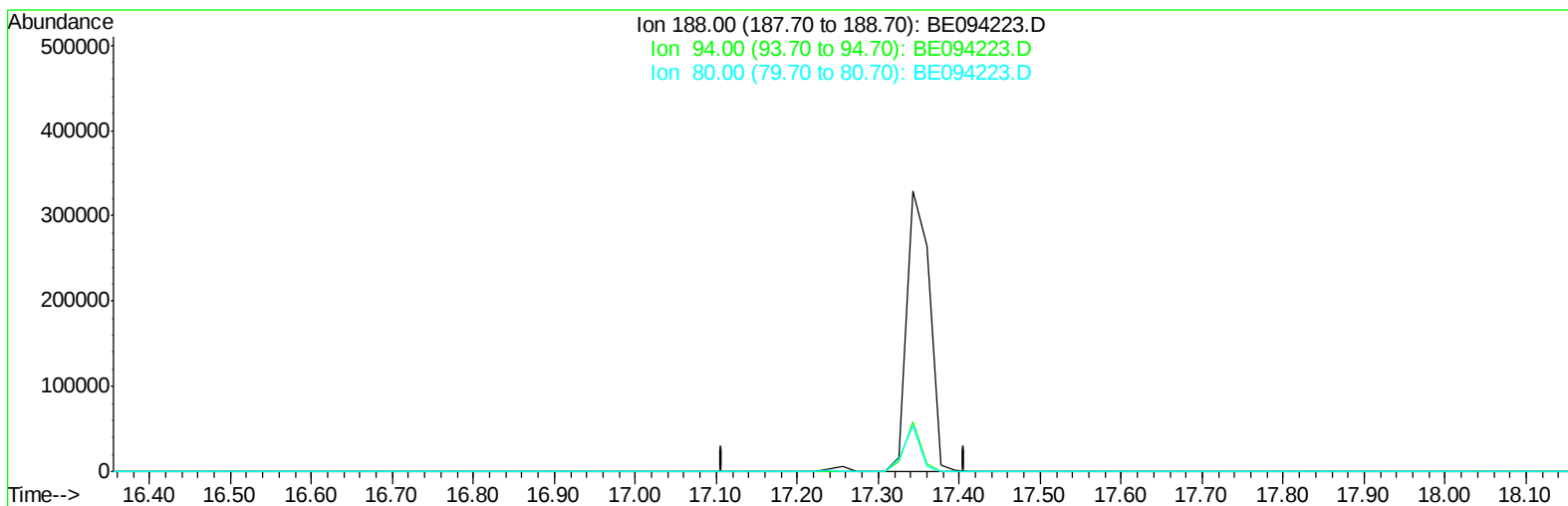
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:46:32 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration



TIC: BE094223.D

(10) Phenanthrene-d10 (I)

17.257min (-17.257) 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

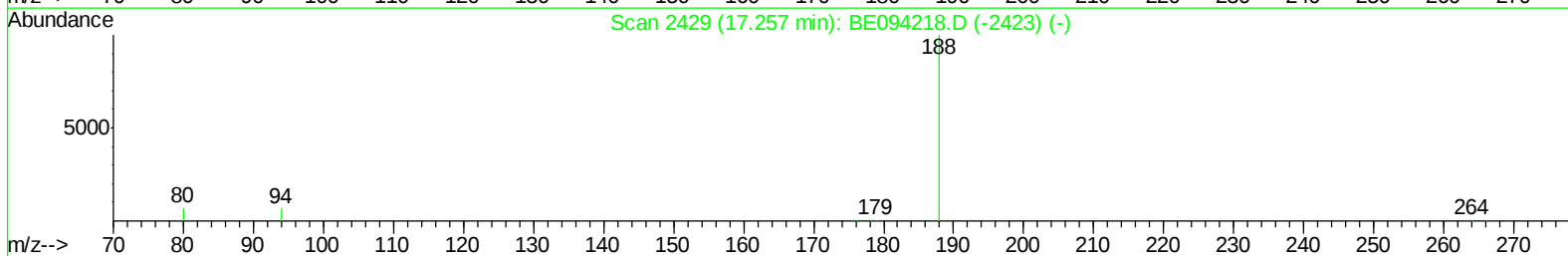
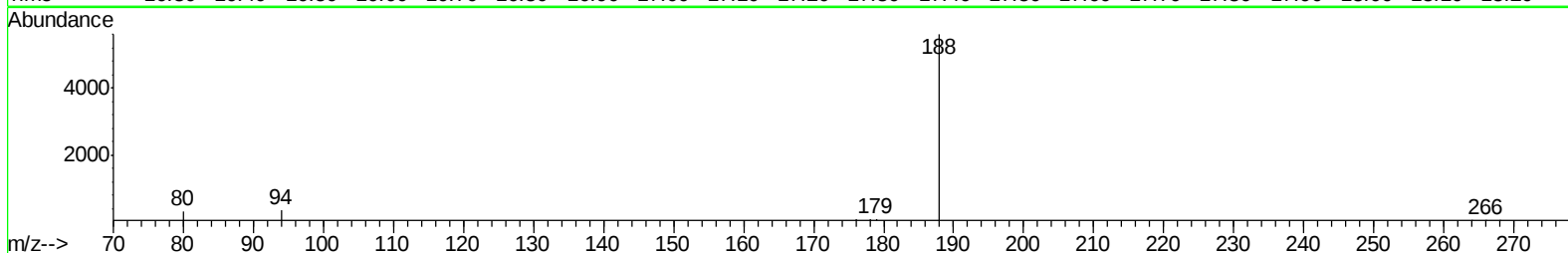
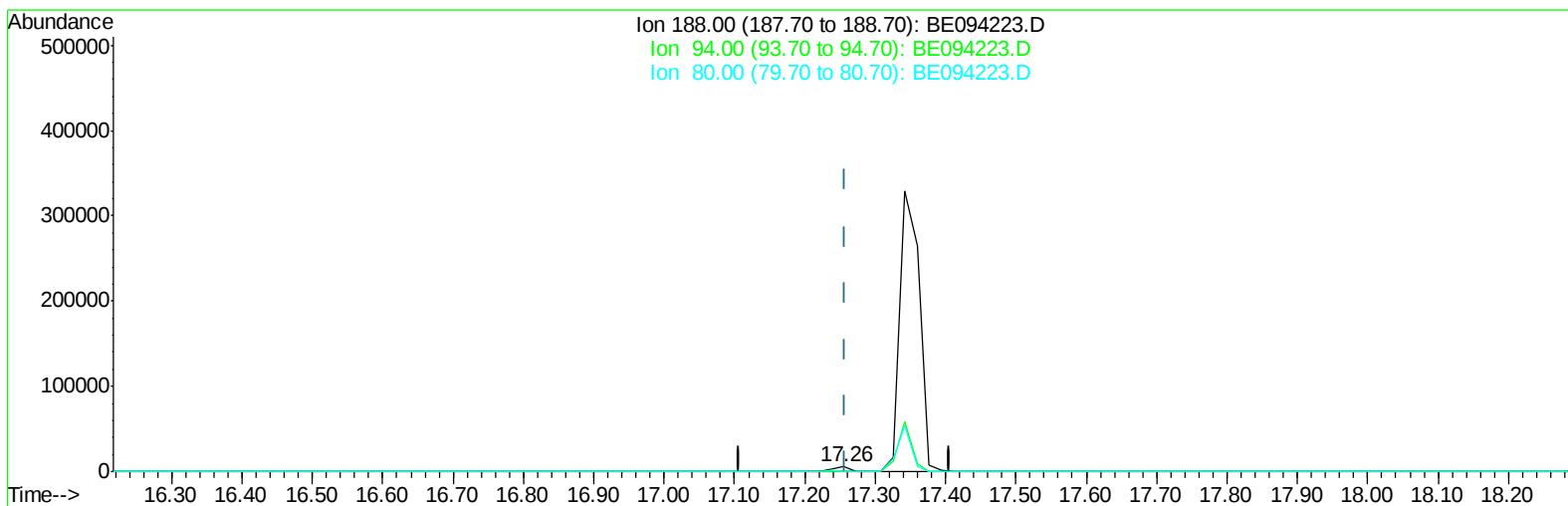
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:46:32 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration



TIC: BE094223.D

(10) Phenanthrene-d10 (I)

17.256min (-0.001) 0.40ng/ul m

response 9578

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.54#
80.00	11.80	6.06#
0.00	0.00	0.00

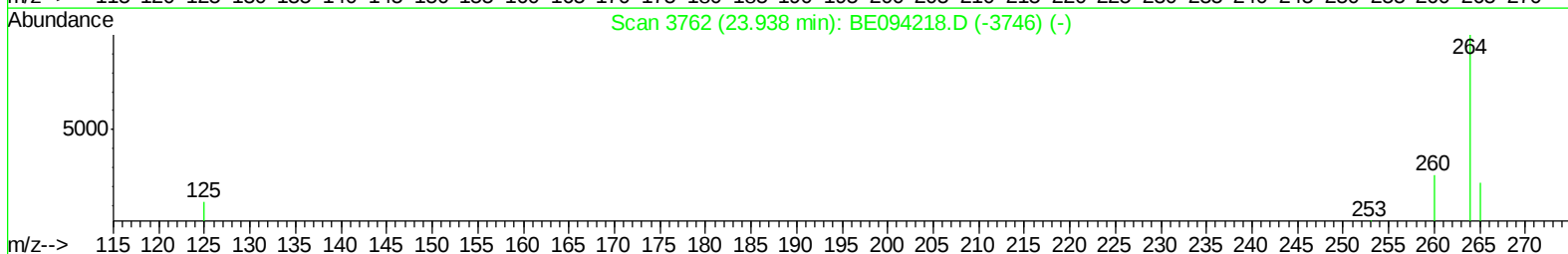
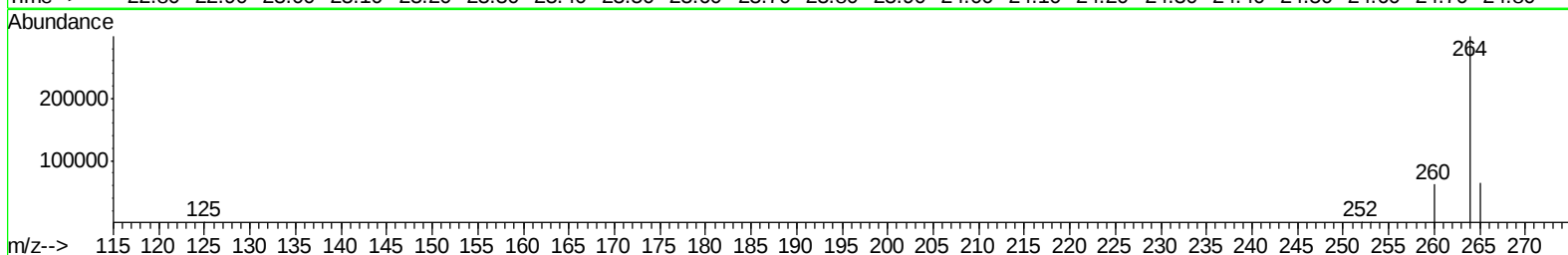
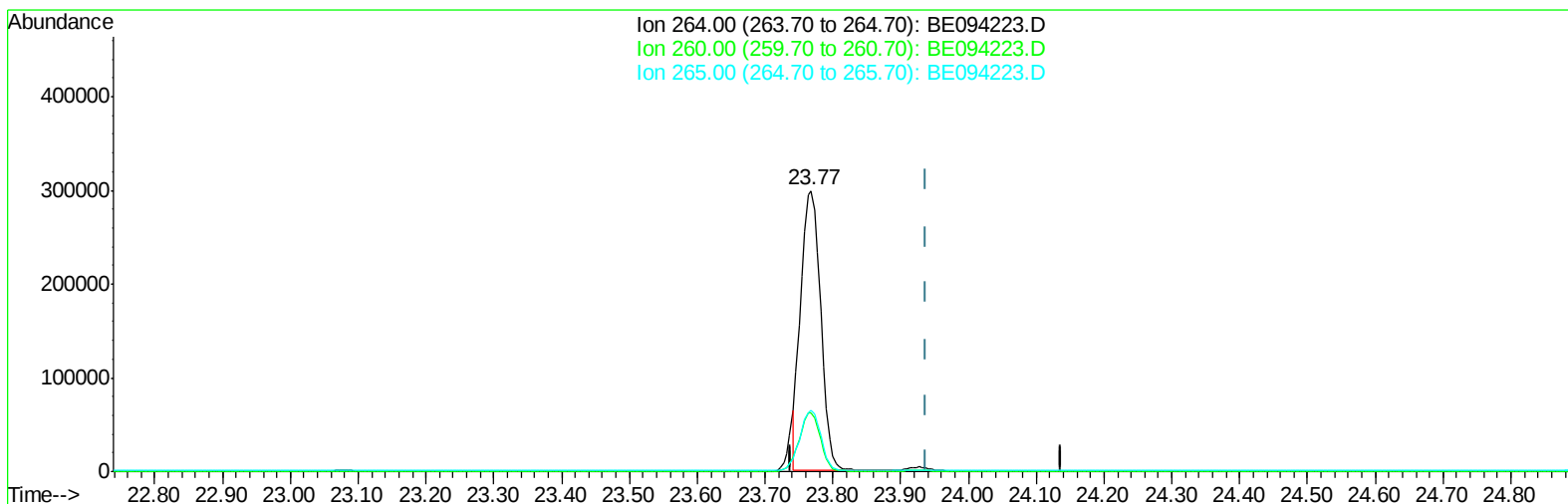
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:47:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration



TIC: BE094223.D

(20) Perylene-d12 (I)

23.768min (-0.170) 0.40ng/ul

response 612779

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.79#
265.00	103.50	21.65#
0.00	0.00	0.00

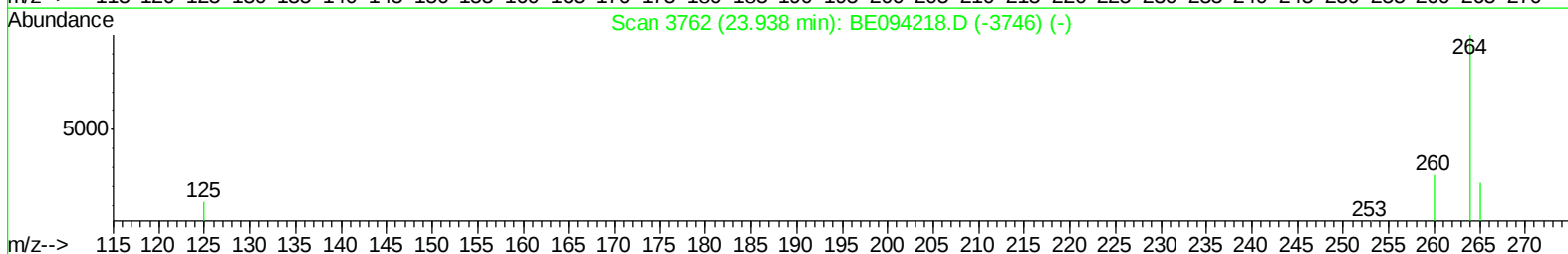
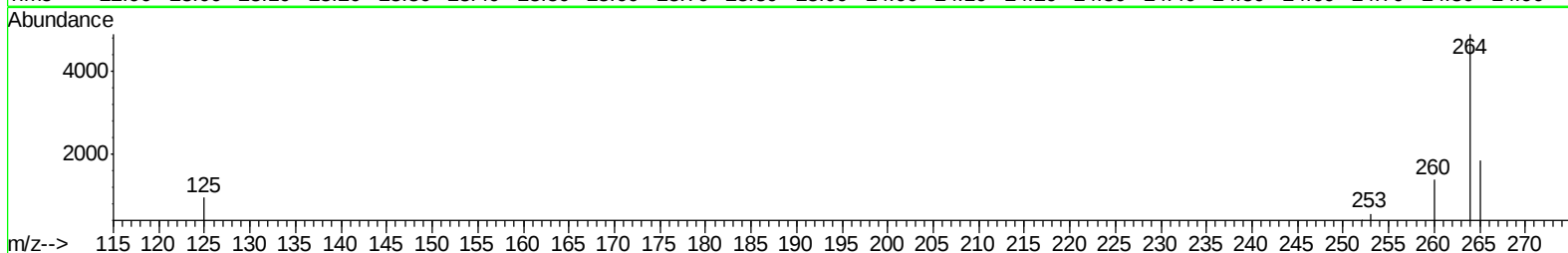
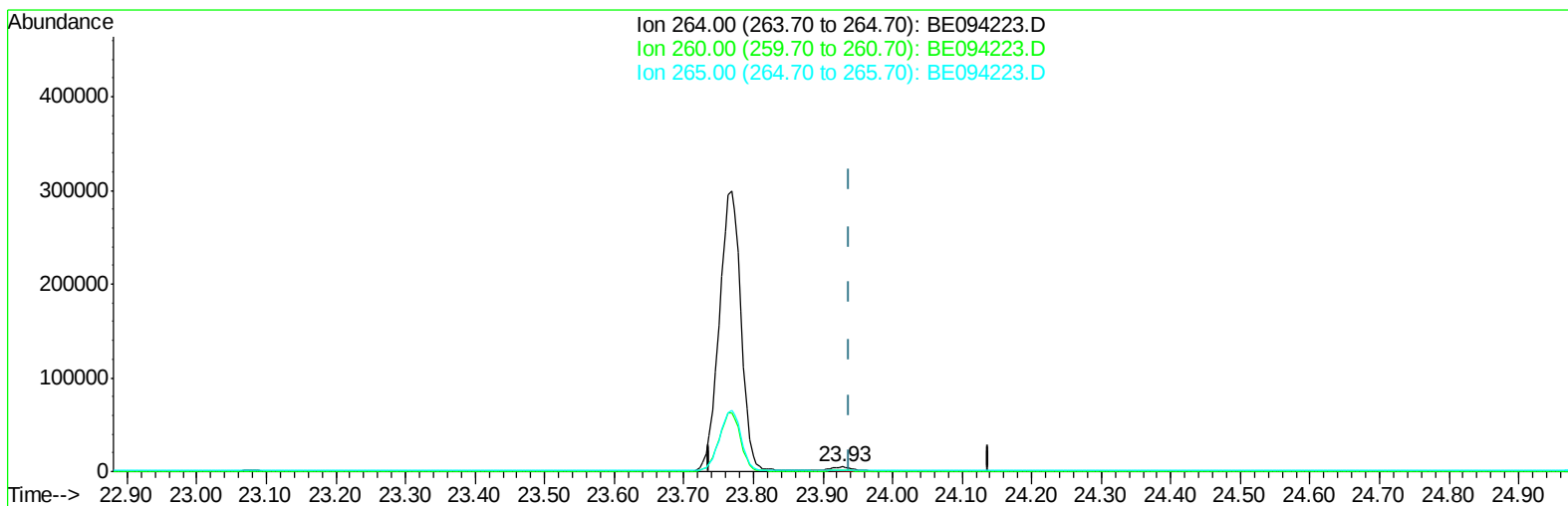
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:47:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration



TIC: BE094223.D

(20) Perylene-d12 (I)

23.928min (-0.010) 0.40ng/ul m

response 8452

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.81
265.00	103.50	37.67#
0.00	0.00	0.00

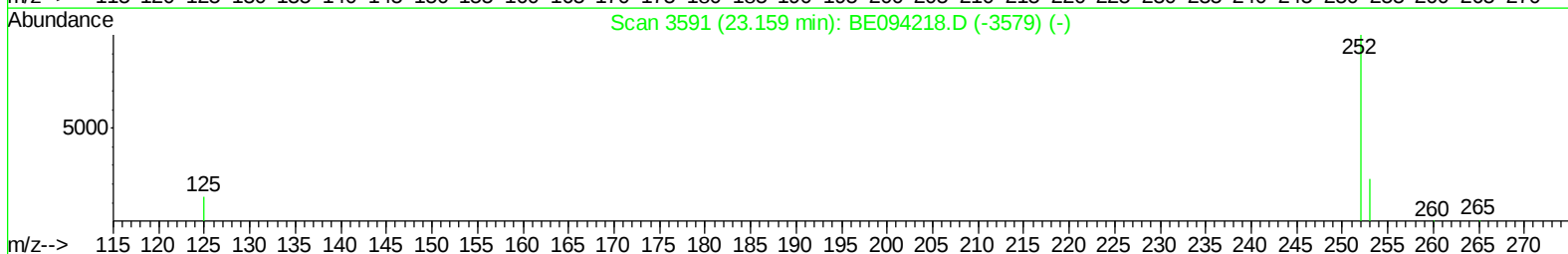
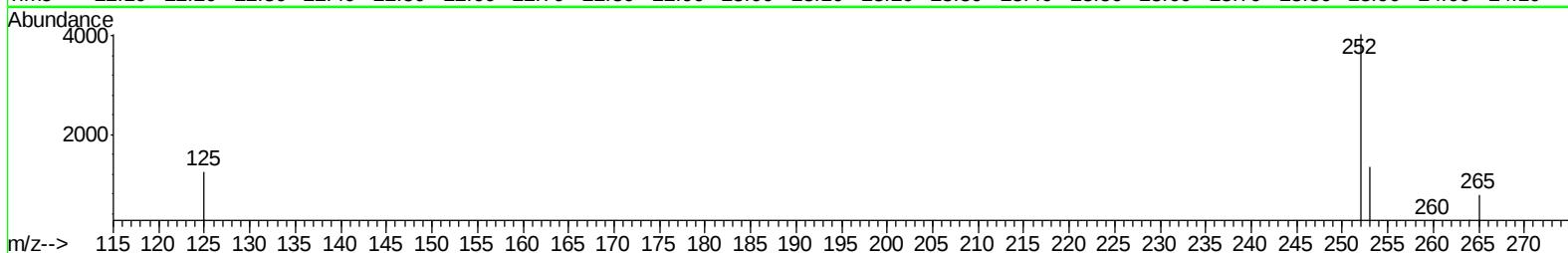
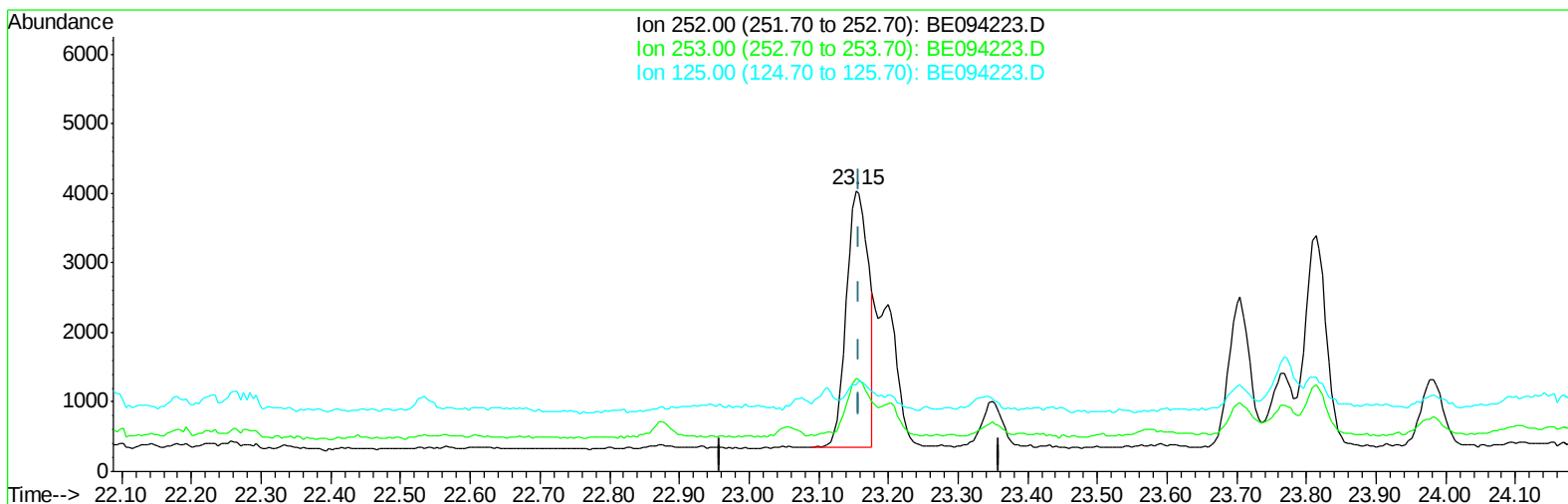
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration



TIC: BE094223.D

(21) Benzo(b)fluoranthene

23.153min (-0.006) 0.36ng/ul

response 8151

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.37
125.00	17.50	30.94
0.00	0.00	0.00

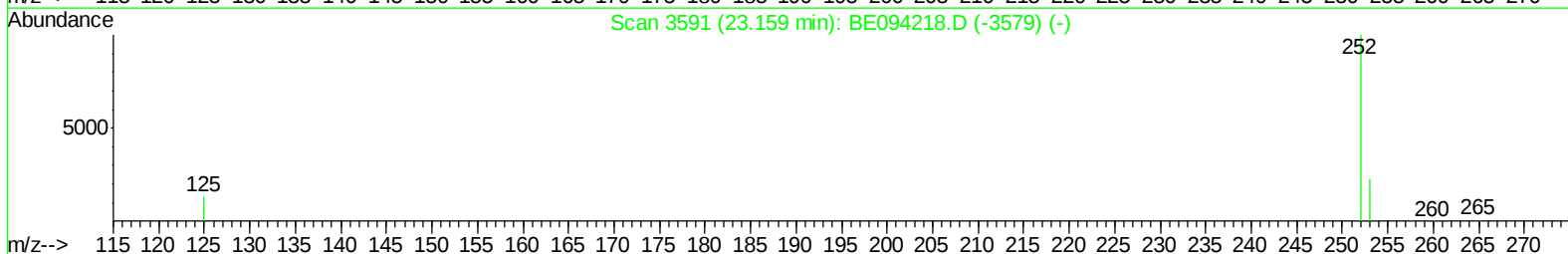
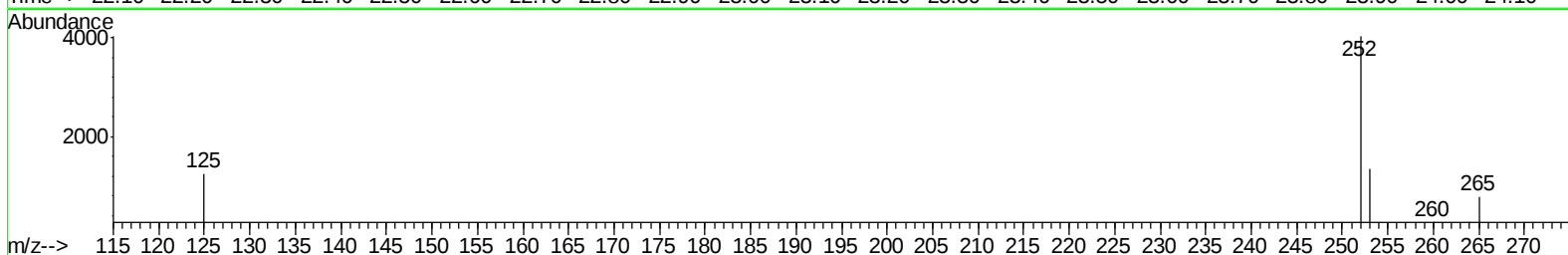
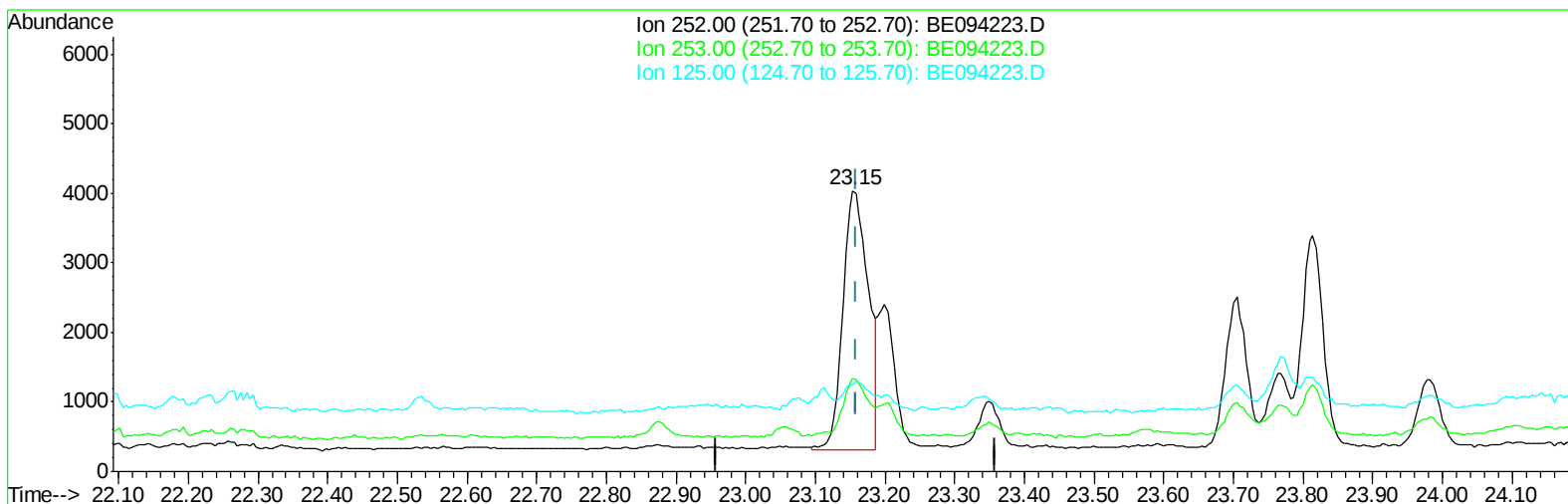
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration



TIC: BE094223.D

(21) Benzo(b)fluoranthene

23.153min (-0.006) 0.41ng/ul m

response 9308

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.37
125.00	17.50	30.94
0.00	0.00	0.00

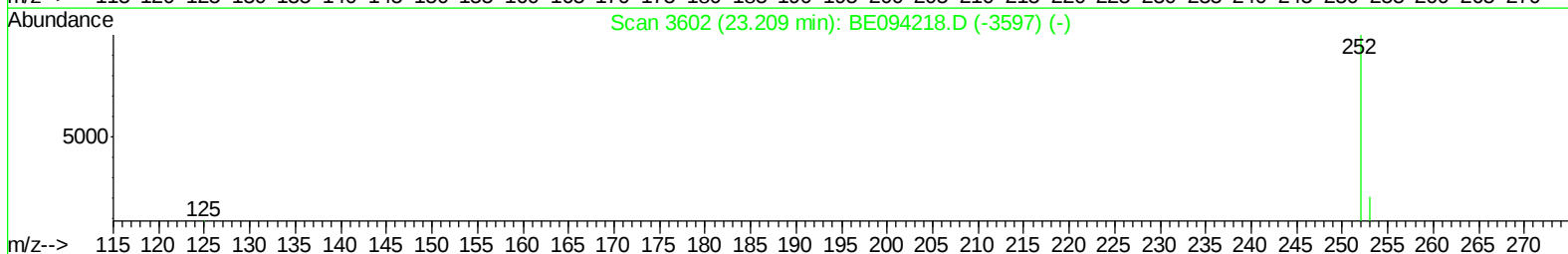
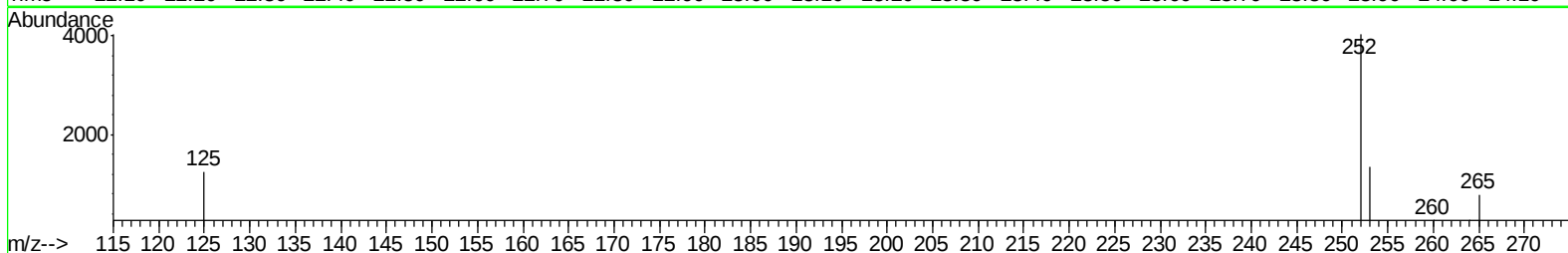
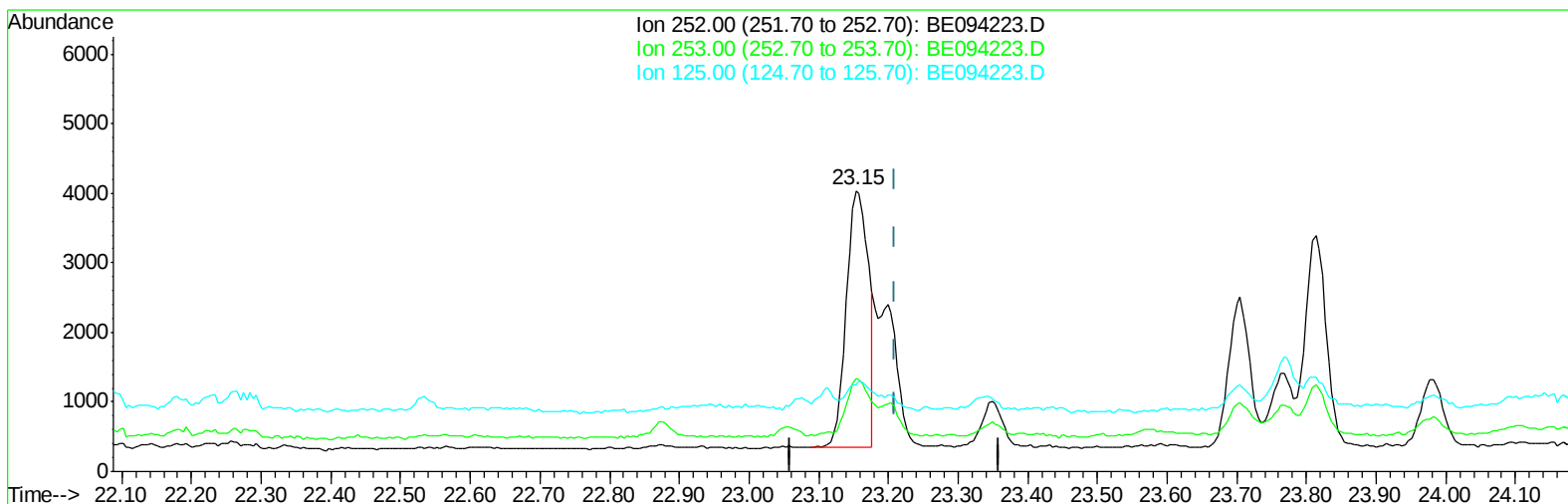
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration



TIC: BE094223.D

(22) Benzo(k)fluoranthene
23.153min (-0.056) 0.31ng/ul
response 8151

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.37
125.00	17.10	30.94#
0.00	0.00	0.00

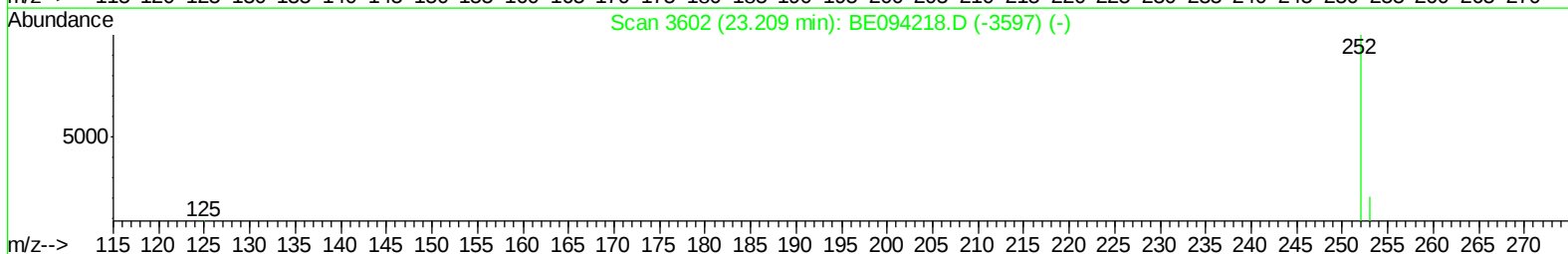
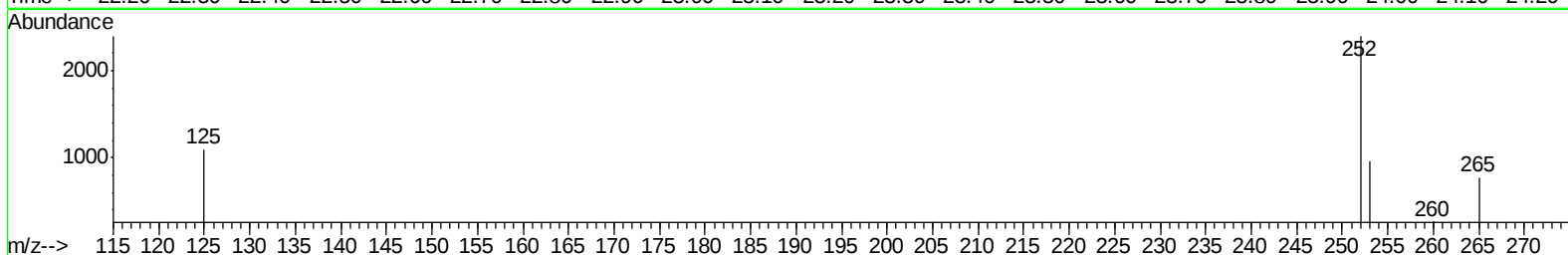
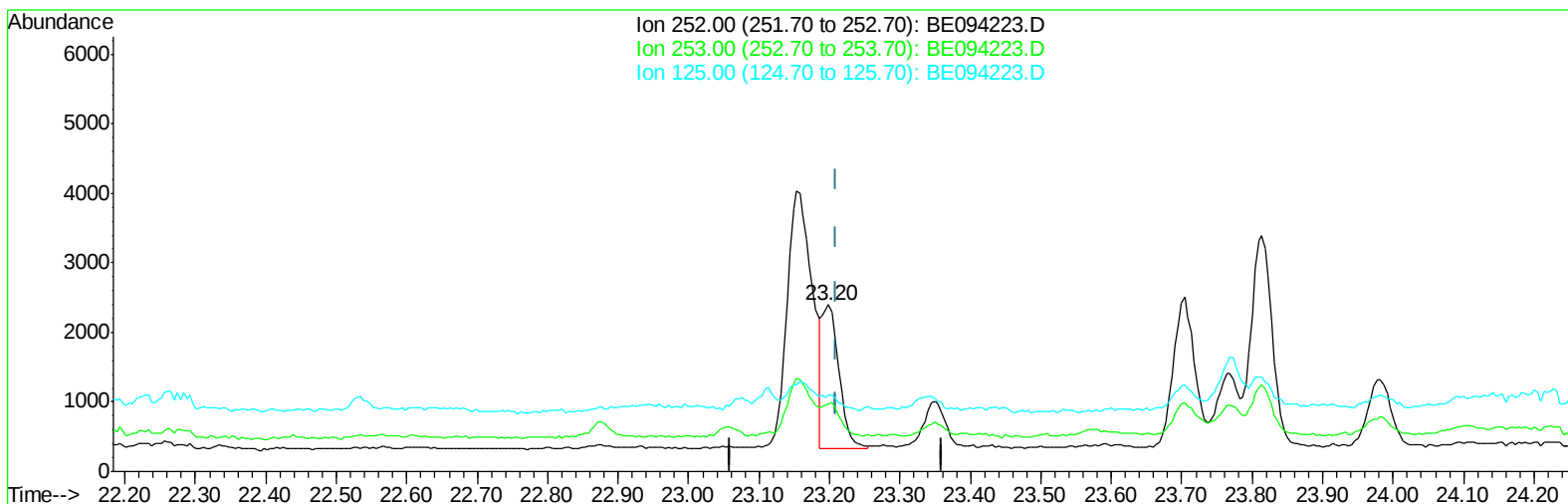
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration



TIC: BE094223.D

(22) Benzo(k)fluoranthene

23.199min (-0.010) 0.13ng/ul m

response 3450

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	40.22#
125.00	17.10	45.81#
0.00	0.00	0.00

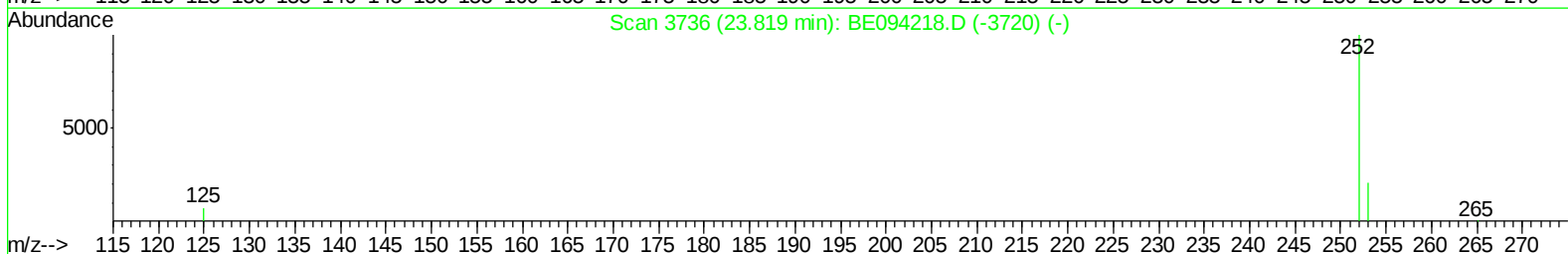
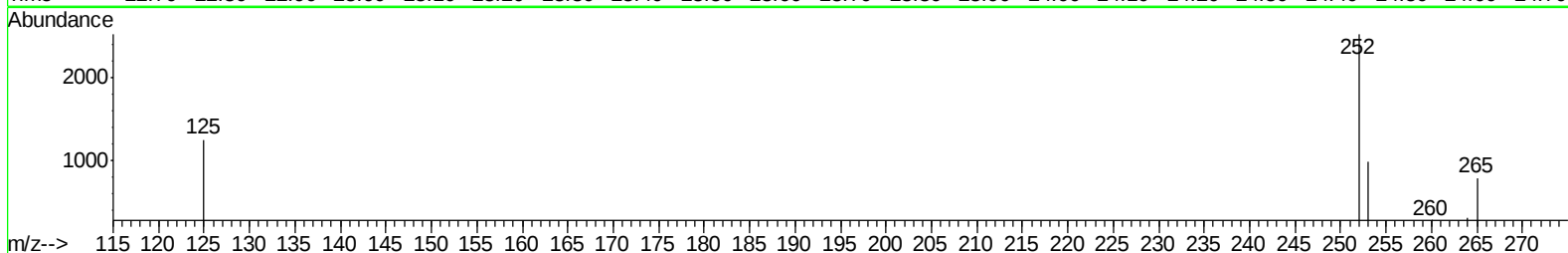
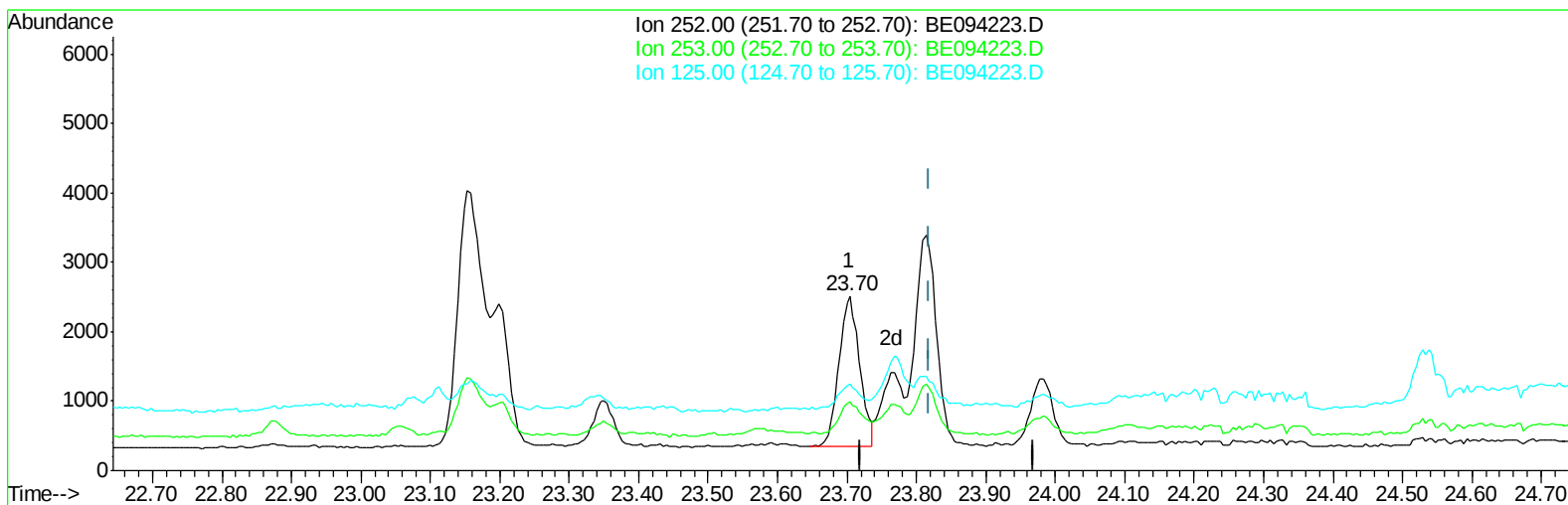
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE094223.D

(23) Benzo(a)pyrene (C)

23.704min (-0.115) 0.19ng/ul

response 4595

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.02
125.00	22.60	49.58#
0.00	0.00	0.00

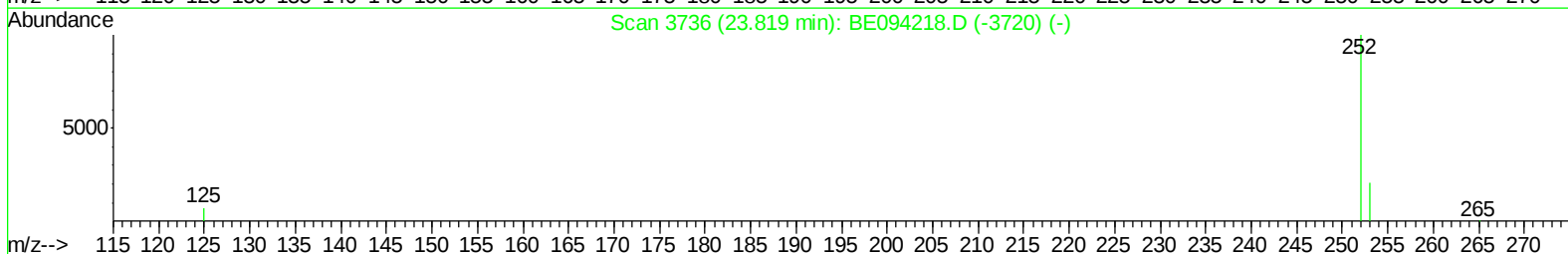
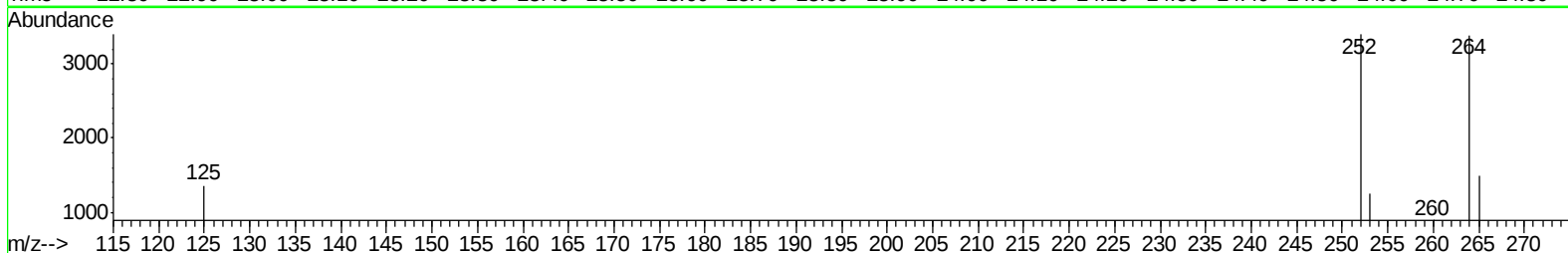
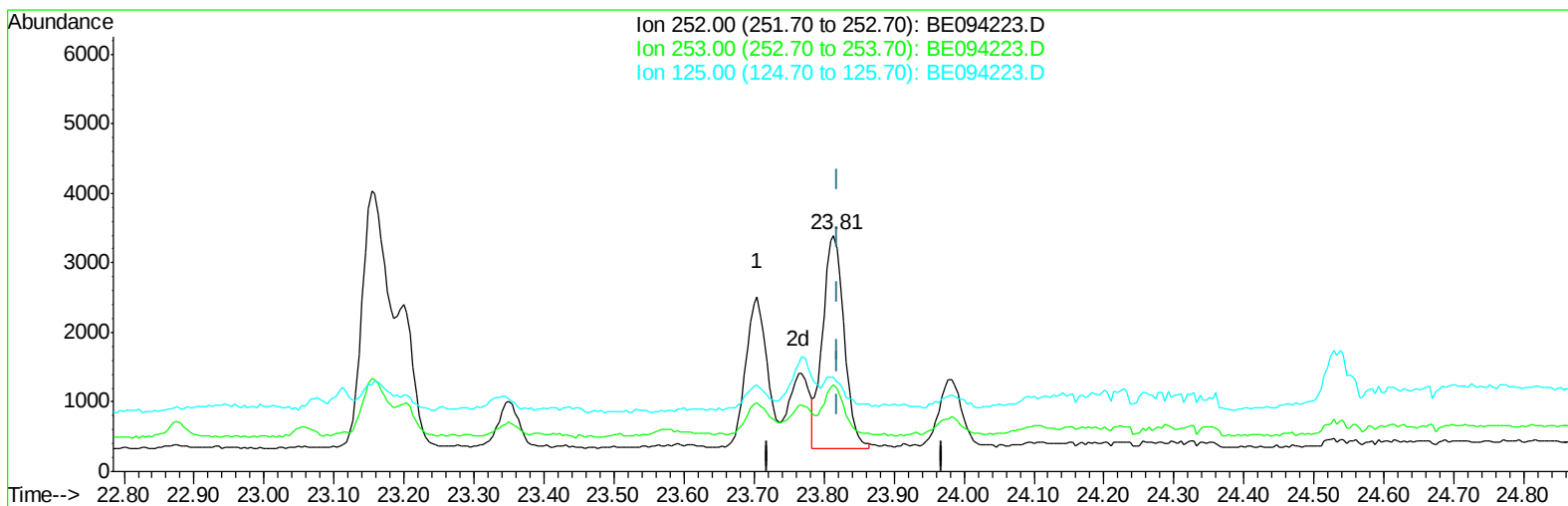
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE094223.D

(23) Benzo(a)pyrene (C)

23.814min (-0.006) 0.28ng/ul m

response 6585

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	36.71
125.00	22.60	40.09#
0.00	0.00	0.00

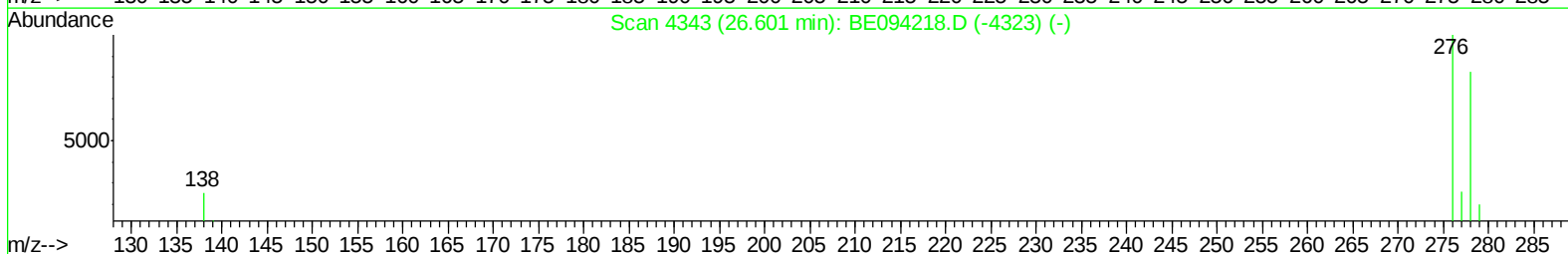
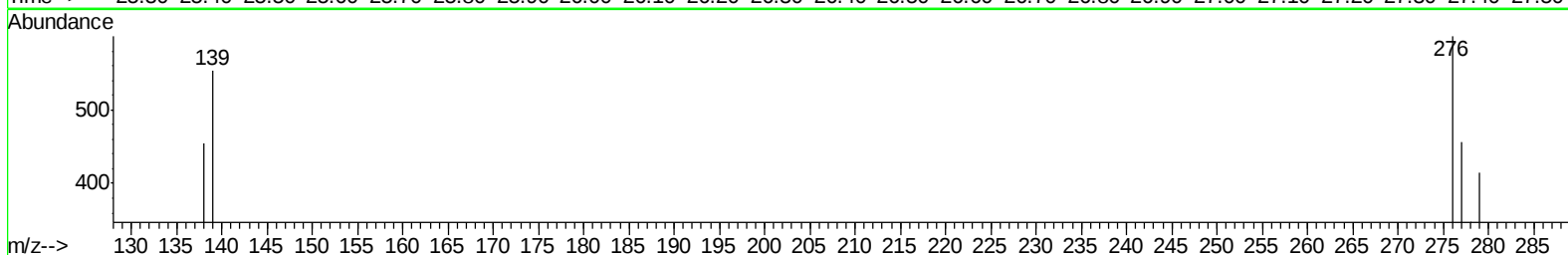
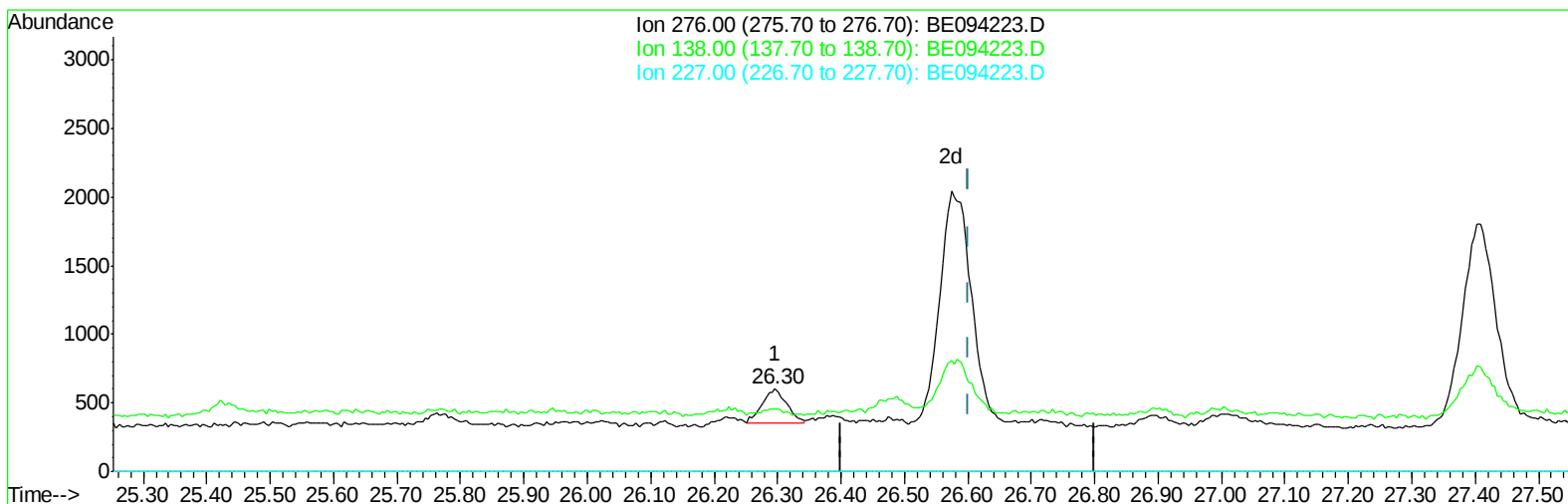
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094223.D

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

26.296min (-0.305) 0.03ng/ul

response 654

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	22.32#
227.00	10.00	0.00#
0.00	0.00	0.00

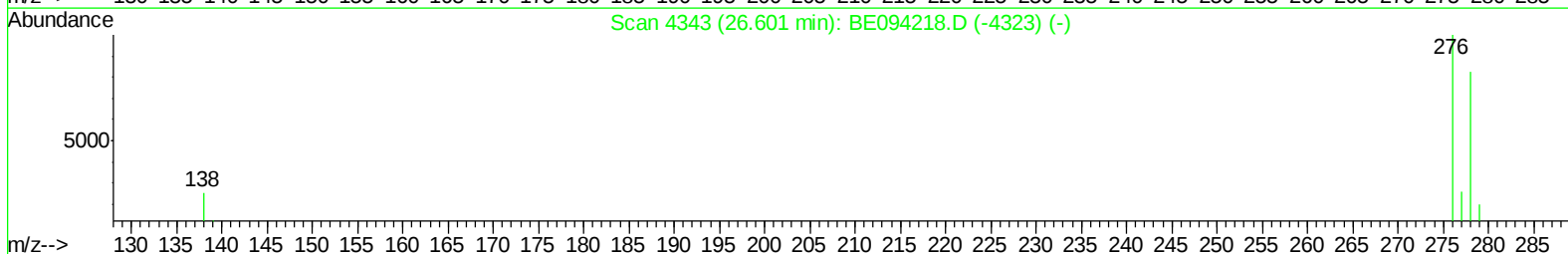
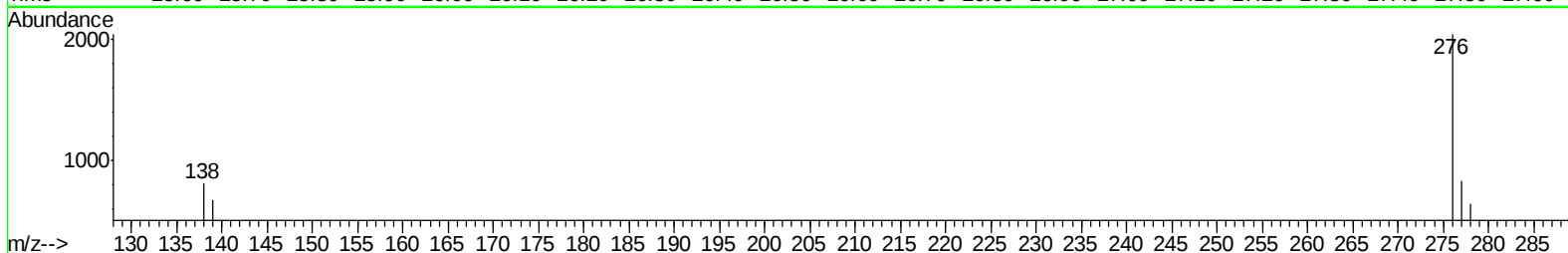
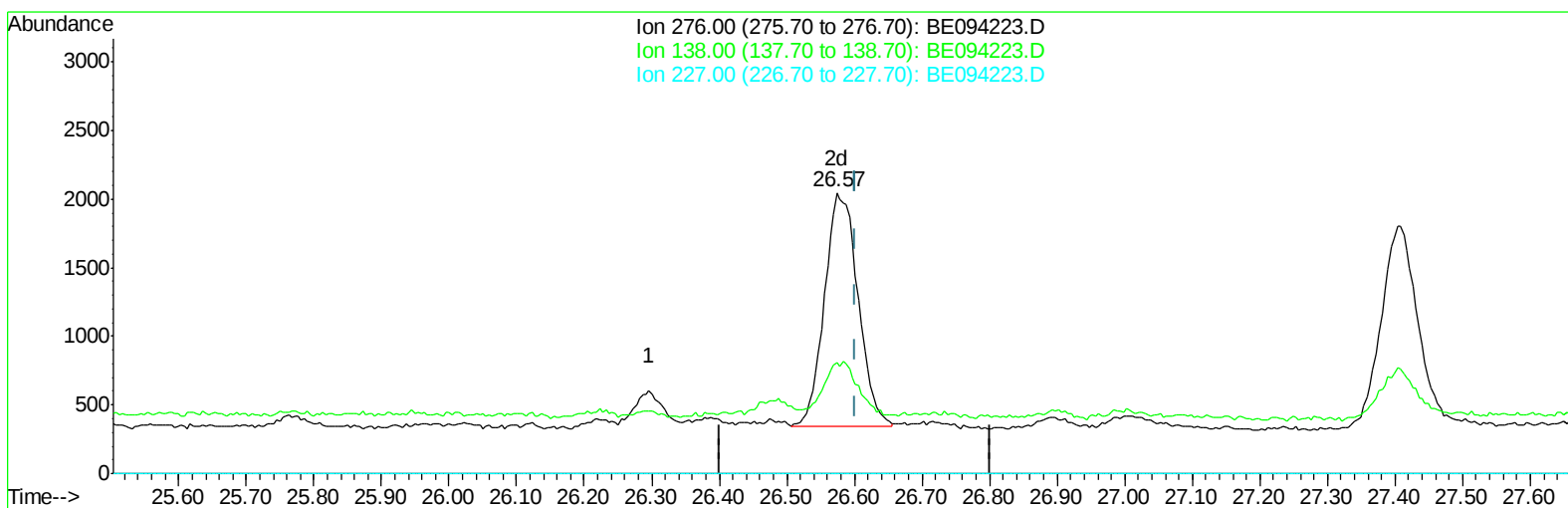
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
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Response via : Initial Calibration



TIC: BE094223.D

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

26.574min (-0.027) 0.24ng/ul m

response 5884

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.48#
227.00	10.00	0.00#
0.00	0.00	0.00

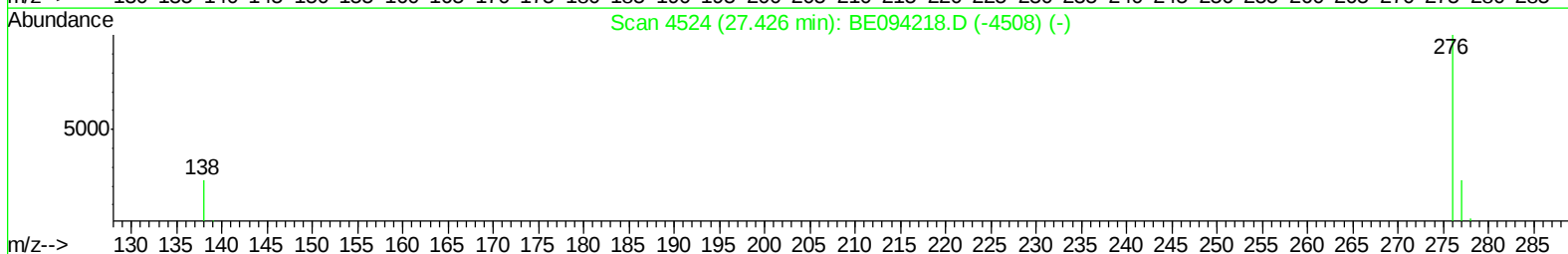
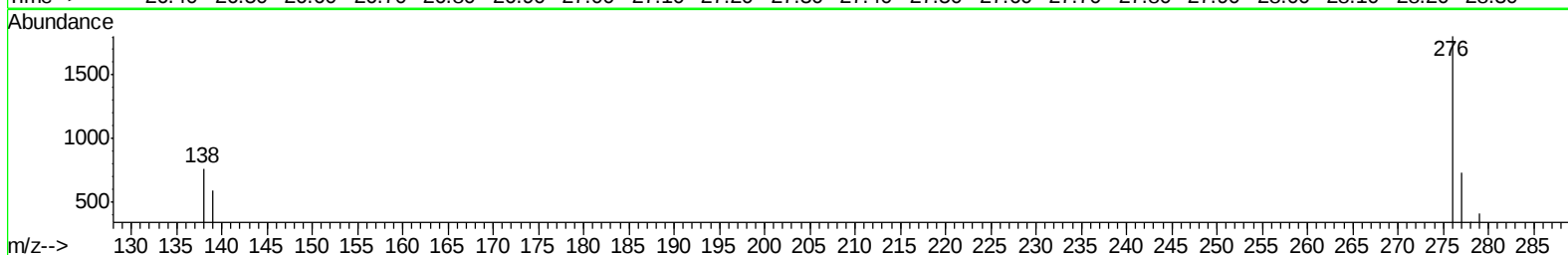
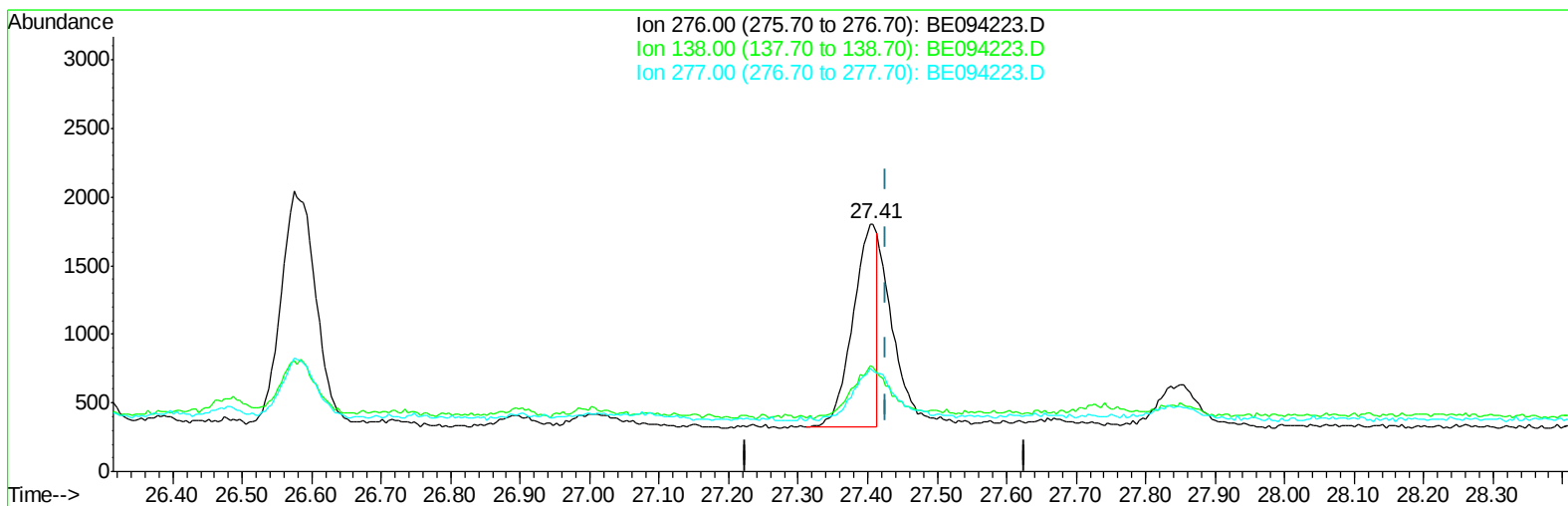
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE094223.D

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

27.408min (-0.018) 0.17ng/ul

response 3496

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	42.22#
277.00	25.60	40.61#
0.00	0.00	0.00

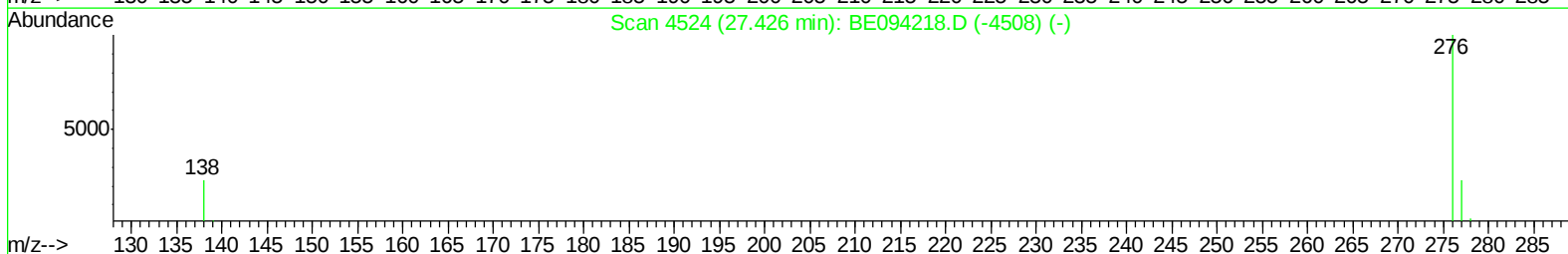
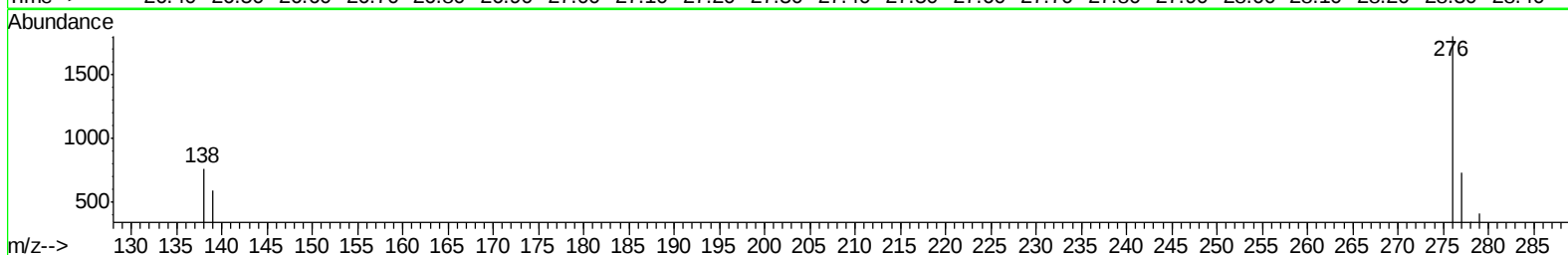
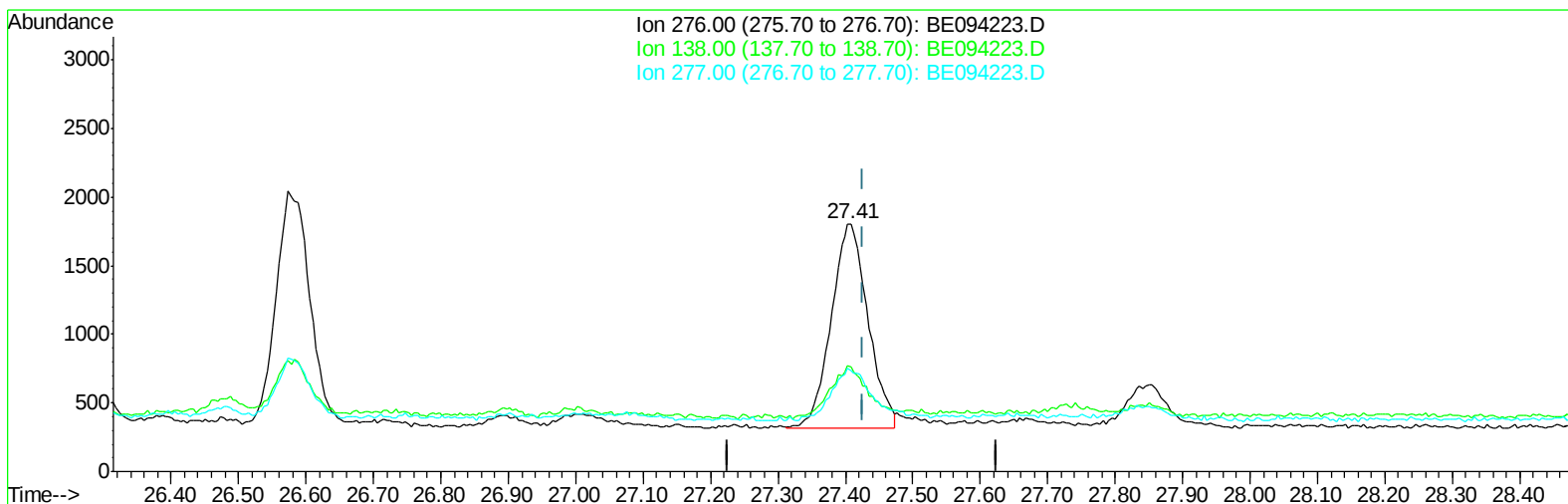
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
Data File : BE094223.D
Acq On : 9 Oct 2017 16:28
Operator : SJ/JU
Sample : I5522-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

Sohil
10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE094223.D

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

27.408min (-0.018) 0.27ng/ul m

response 5622

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	42.22#
277.00	25.60	40.61#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE100917\
 Data File : BE094223.D
 Acq On : 9 Oct 2017 16:28
 Operator : SJ/JU
 Sample : I5522-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

Sohil
 10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:52:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 09:18:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1269	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7042	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4259	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9578m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	10058	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	8452m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3110	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	8673	0.27	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.29	178	4220	0.169	ng/ul	92
15) Fluoranthene	19.30	202	12806	0.389	ng/ul	84
17) Pyrene	19.66	202	12087	0.432	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	7022	0.263	ng/ul#	89
19) Chrysene	21.45	228	8912	0.289	ng/ul#	88
21) Benzo(b)fluoranthene	23.15	252	9308m	0.405	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	3450m	0.130	ng/ul	
23) Benzo(a)pyrene	23.81	252	6585m	0.276	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	5884m	0.241	ng/ul	
26) Benzo(g,h,i)perylene	27.41	276	5622m	0.267	ng/ul	

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

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