

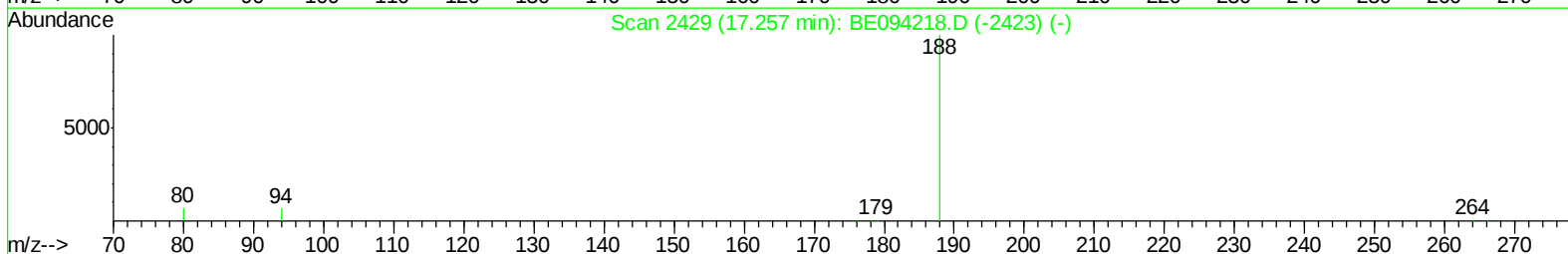
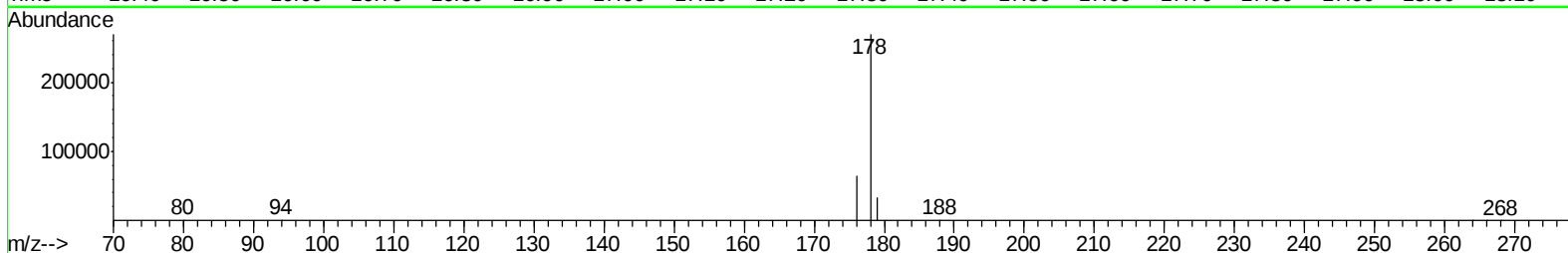
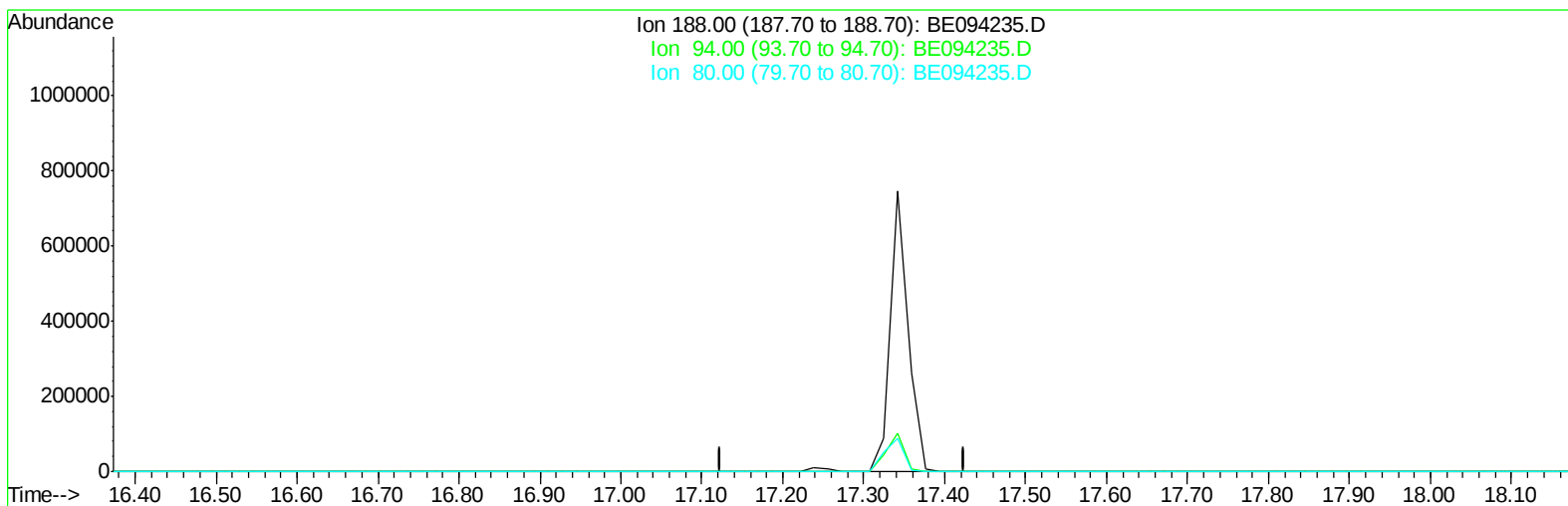
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 08:51:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.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

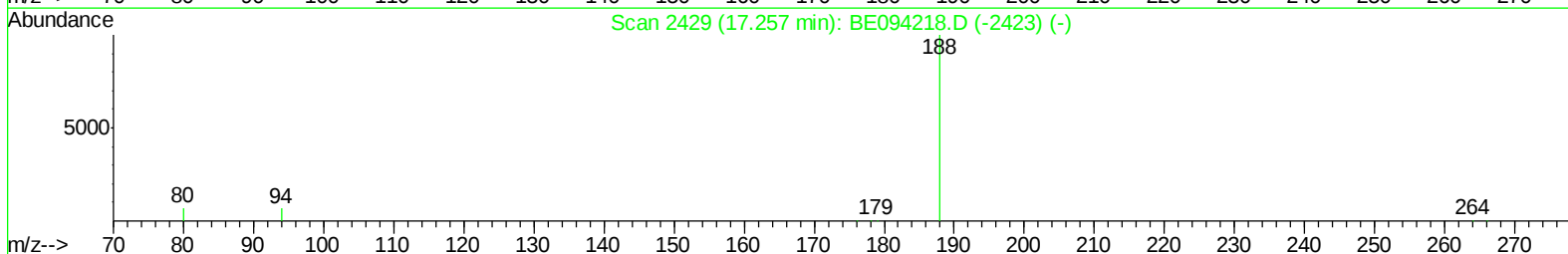
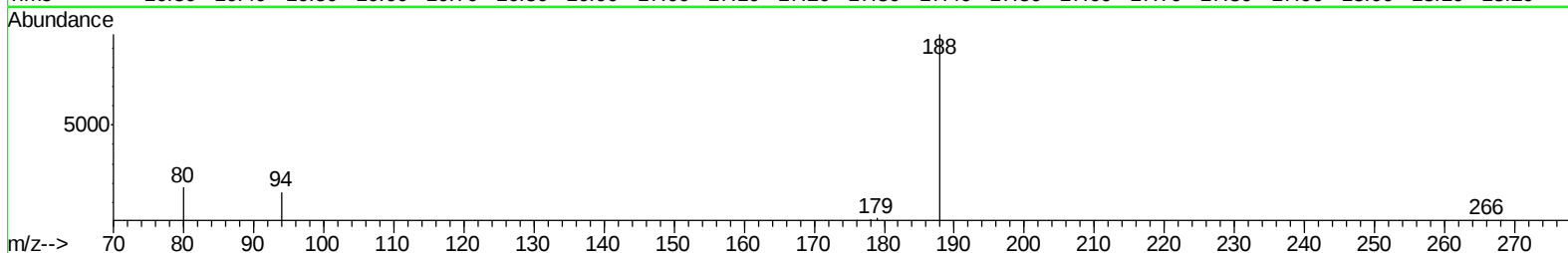
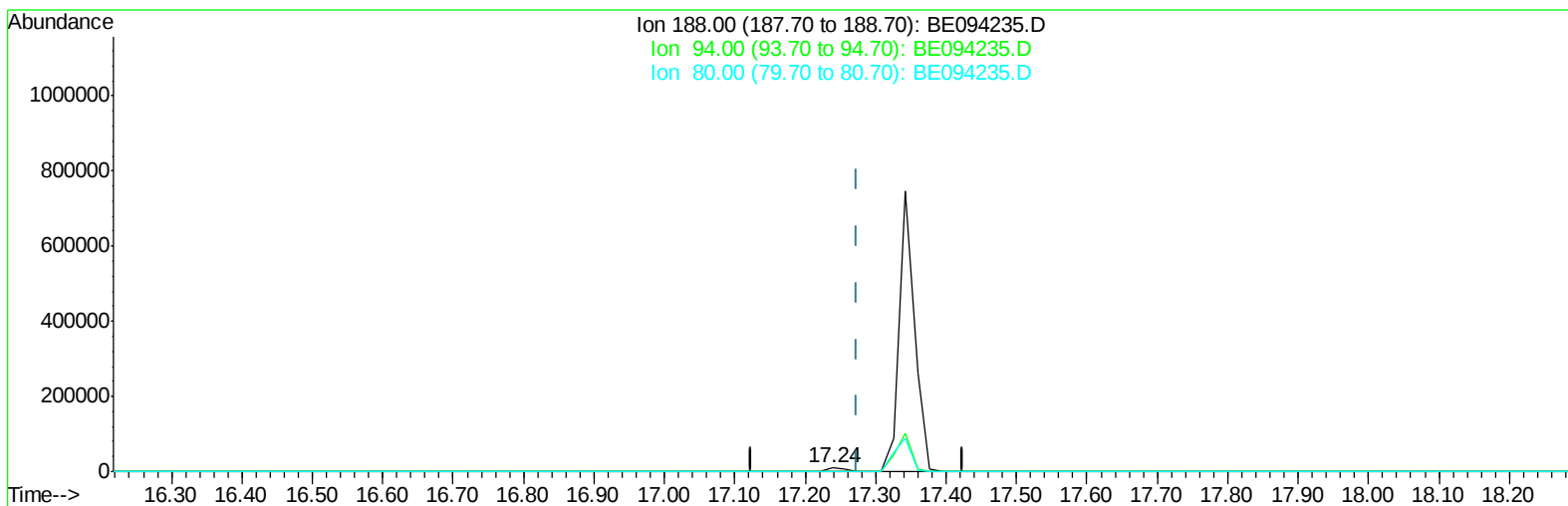
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 08:51:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

(10) Phenanthrene-d10 (I)

17.239min (-0.035) 0.40ng/ul m

response 17994

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	15.80#
80.00	11.80	18.03#
0.00	0.00	0.00

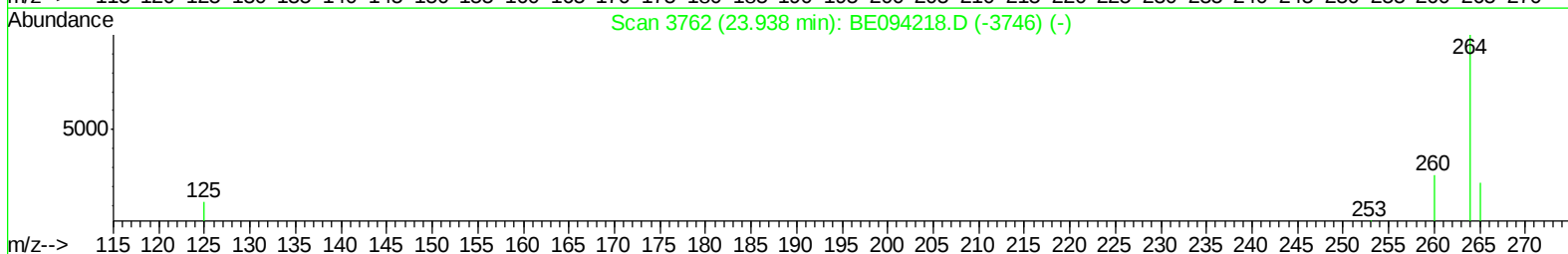
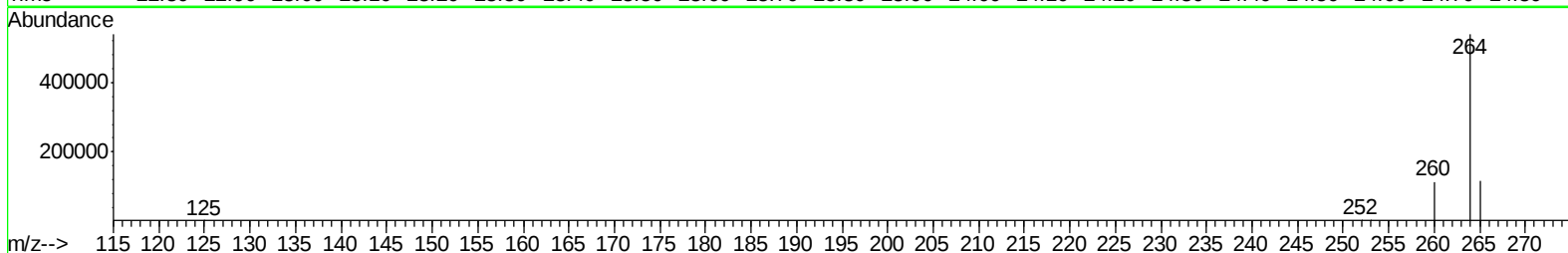
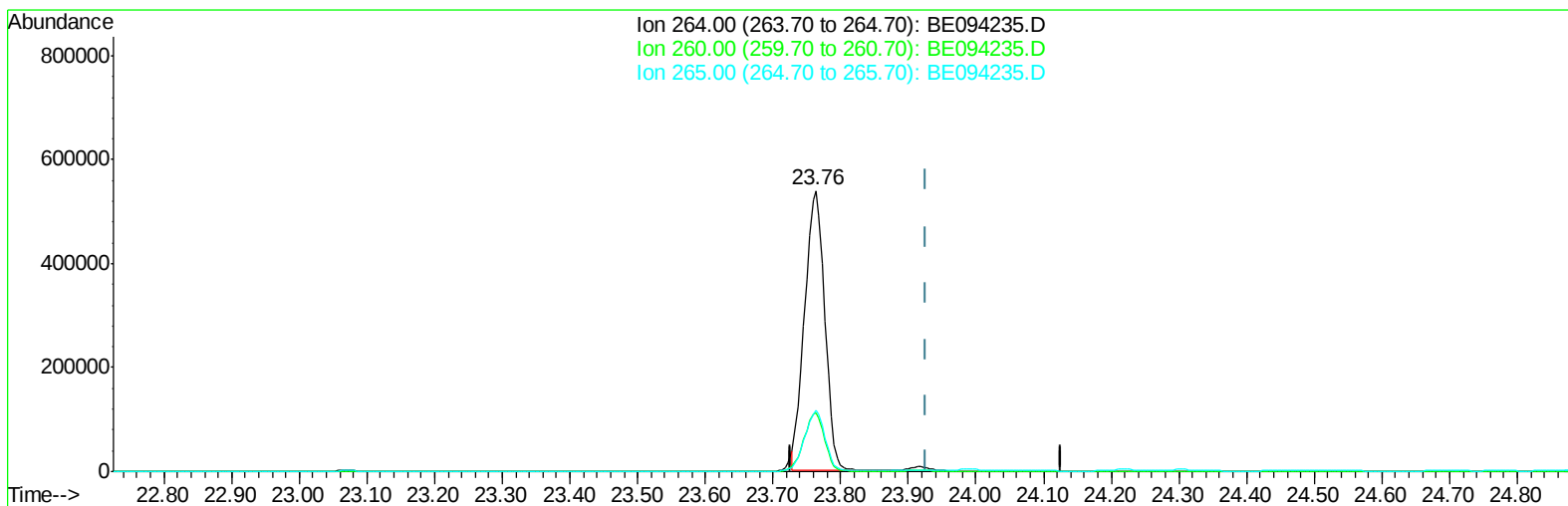
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

(20) Perylene-d12 (I)

23.764min (-0.164) 0.40ng/ul

response 1126081

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.12#
265.00	103.50	21.70#
0.00	0.00	0.00

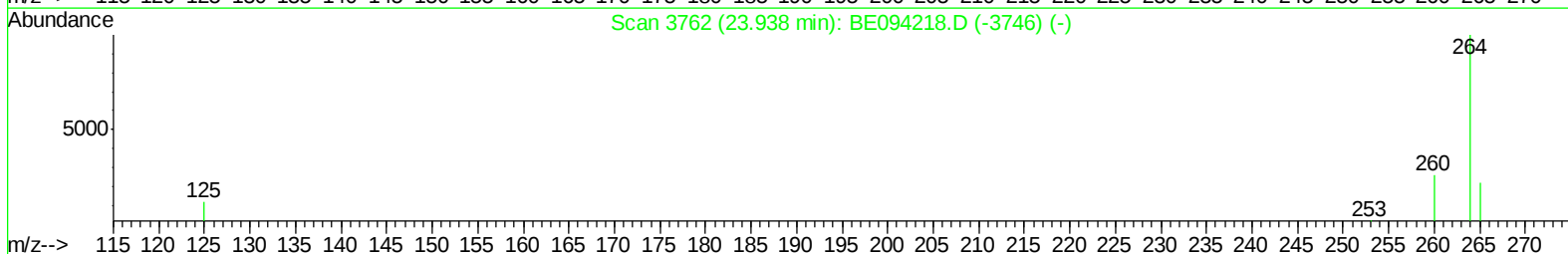
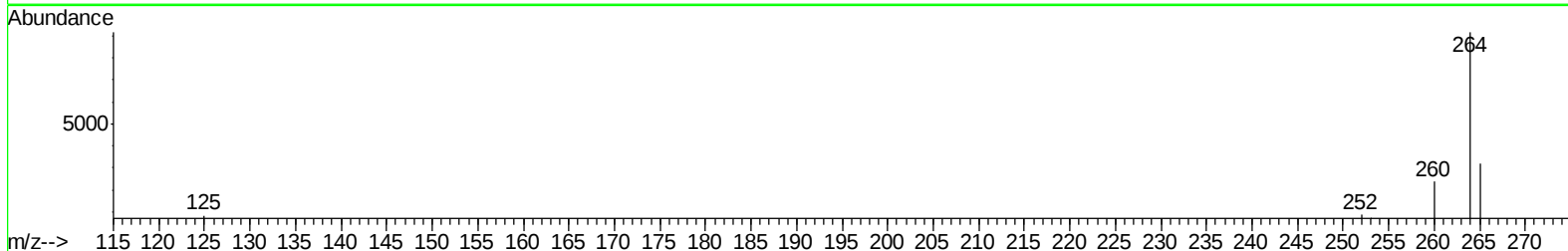
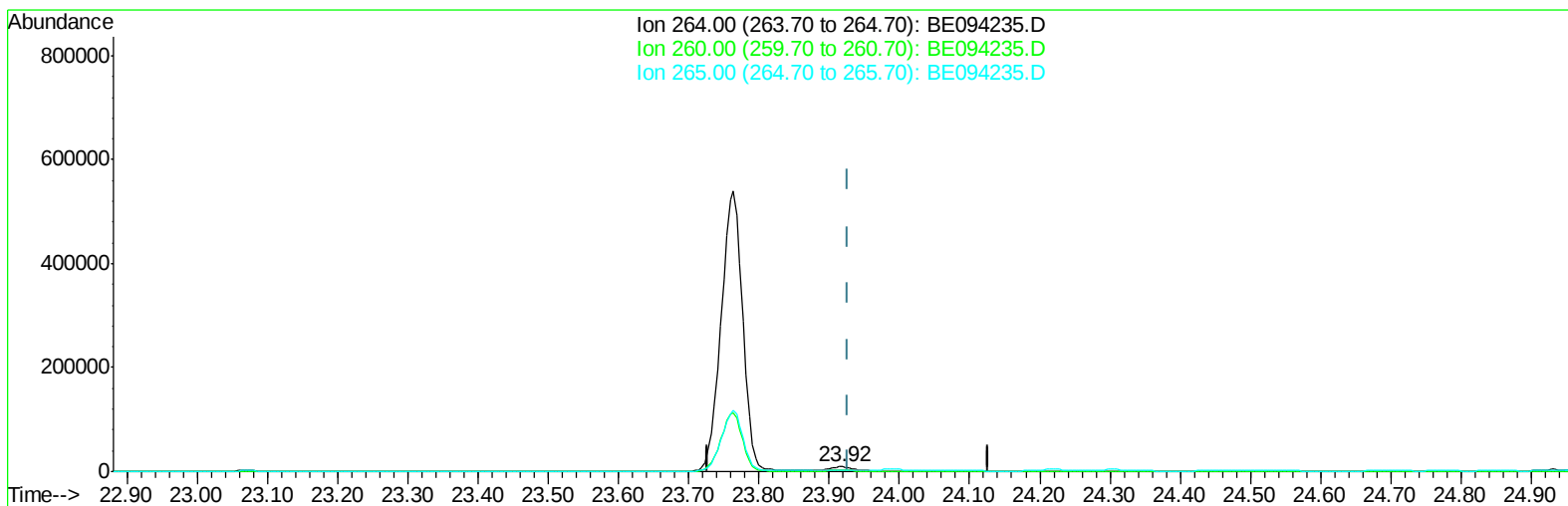
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

(20) Perylene-d12 (I)

23.918min (-0.009) 0.40ng/ul m

response 16327

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.86
265.00	103.50	34.71#
0.00	0.00	0.00

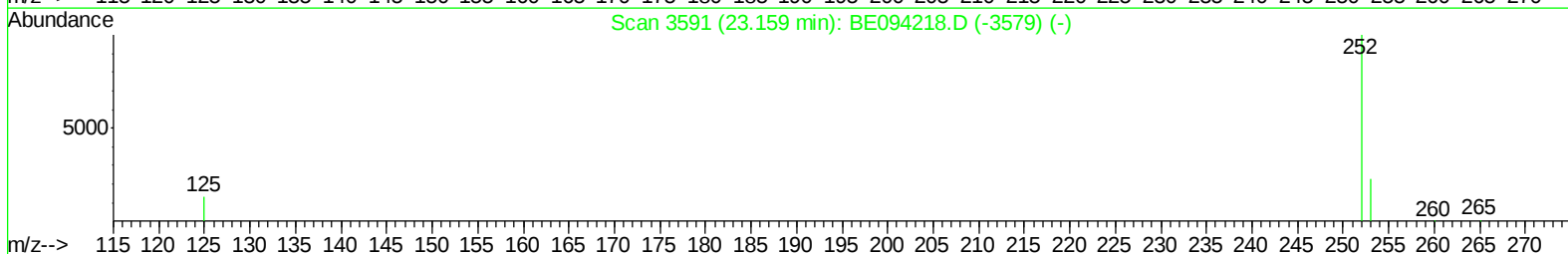
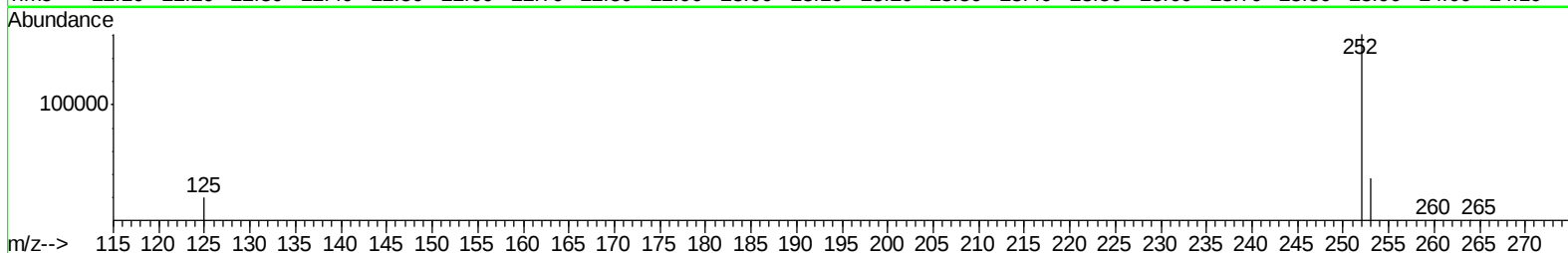
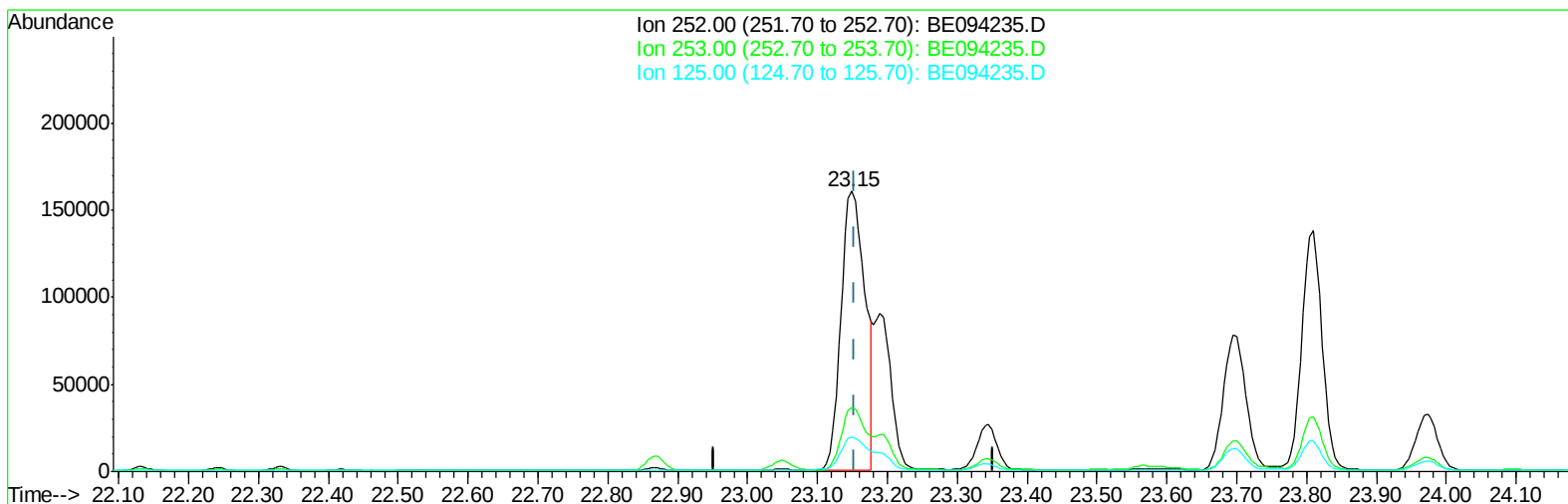
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

(21) Benzo(b)fluoranthene
23.149min (-0.004) 8.66ng/ul
response 384171

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.57
125.00	17.50	12.24
0.00	0.00	0.00

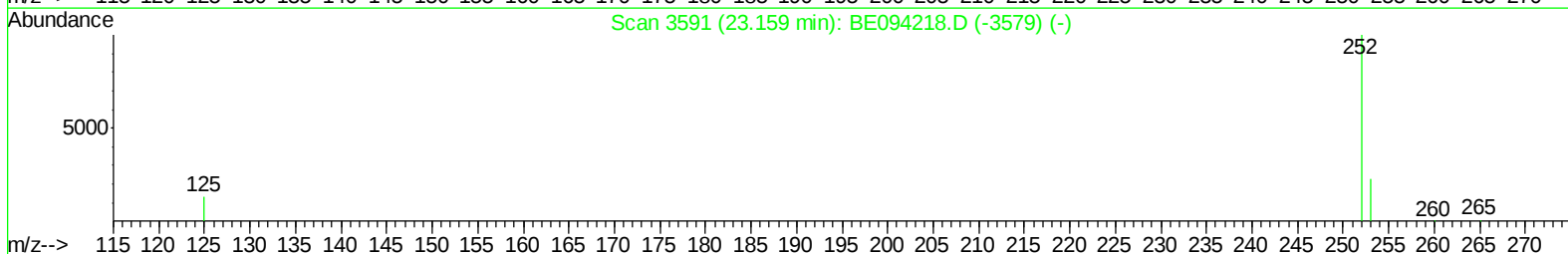
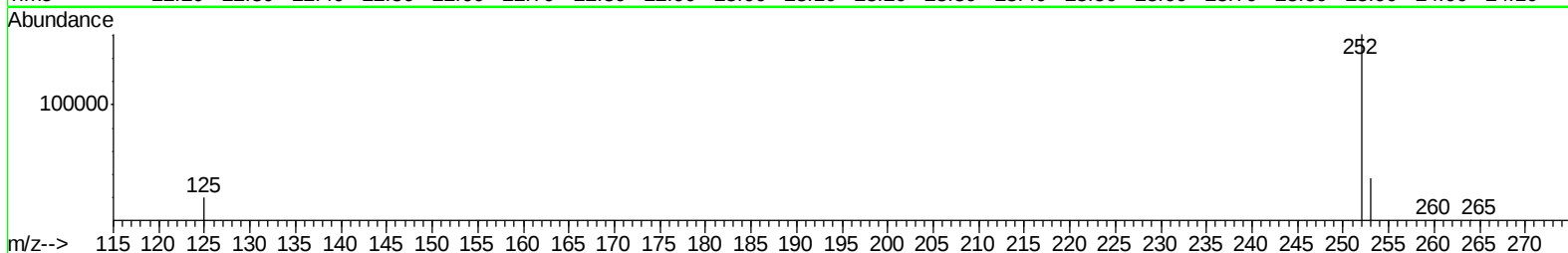
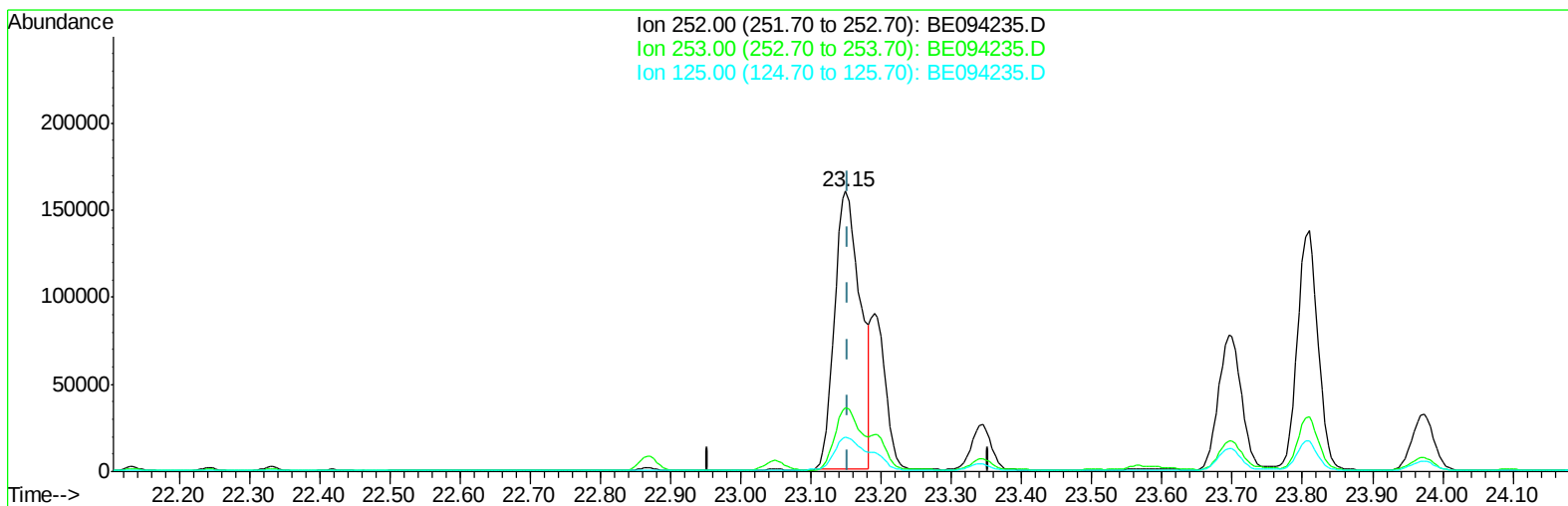
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

(21) Benzo(b)fluoranthene

23.149min (-0.004) 9.08ng/ul m

response 402742

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.57
125.00	17.50	12.24
0.00	0.00	0.00

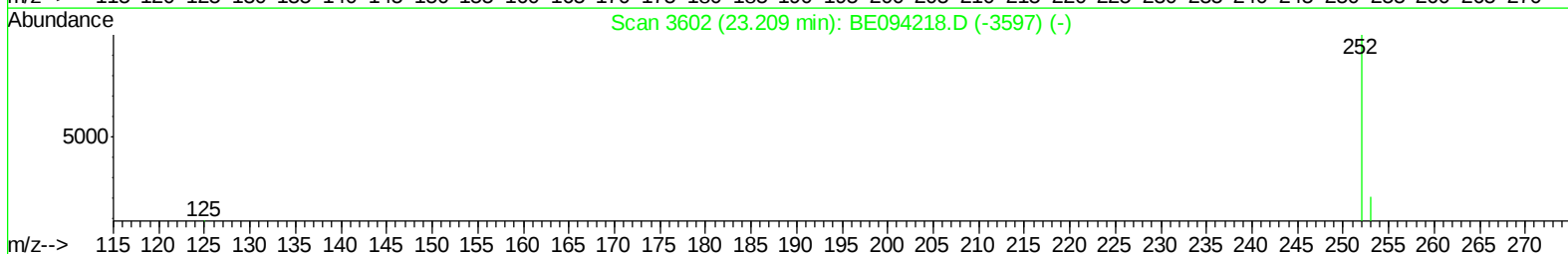
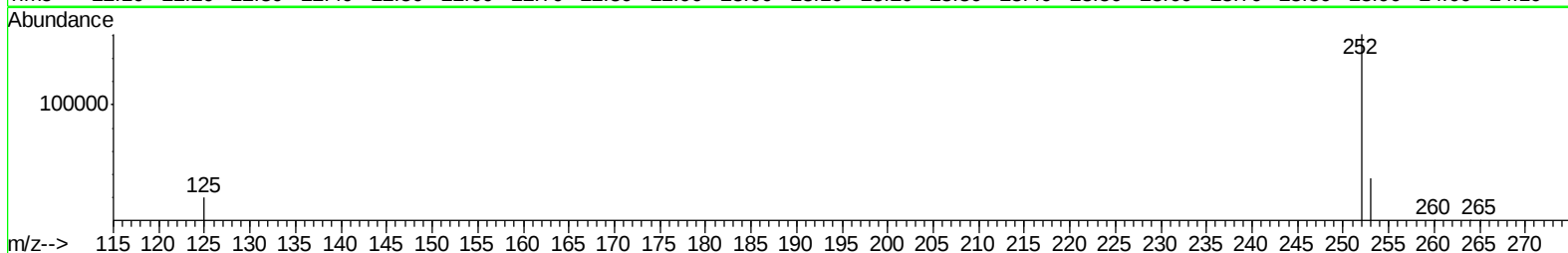
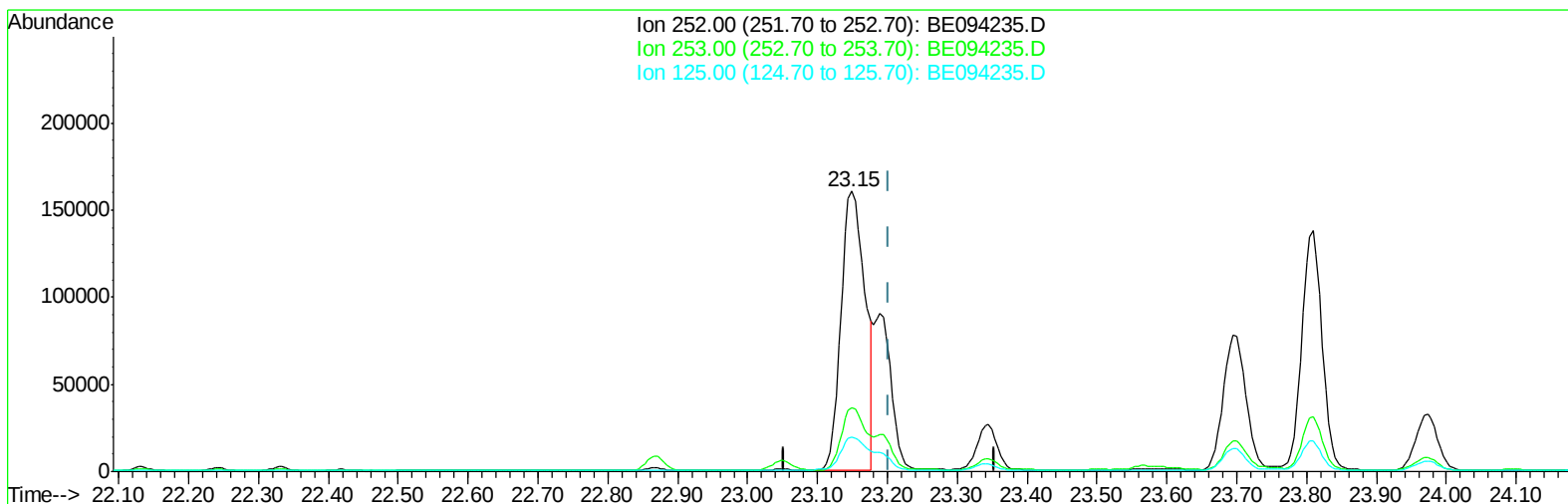
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

(22) Benzo(k)fluoranthene
23.149min (-0.054) 7.49ng/ul
response 384171

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.57#
125.00	17.10	12.24#
0.00	0.00	0.00

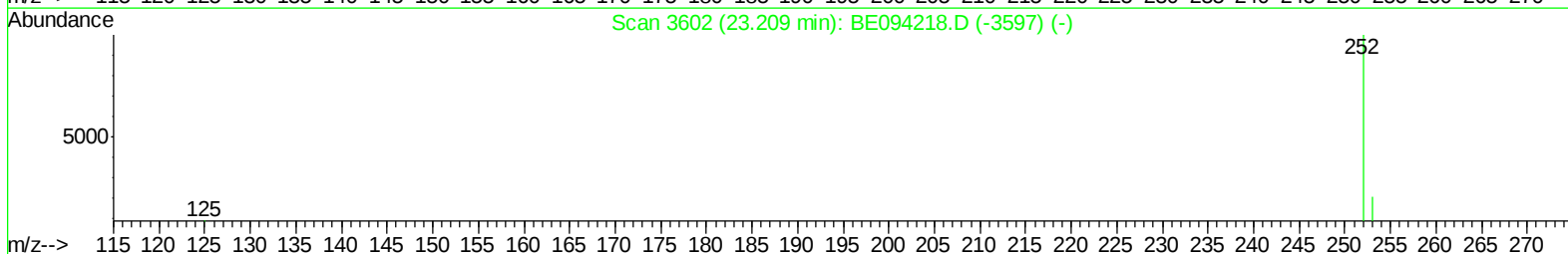
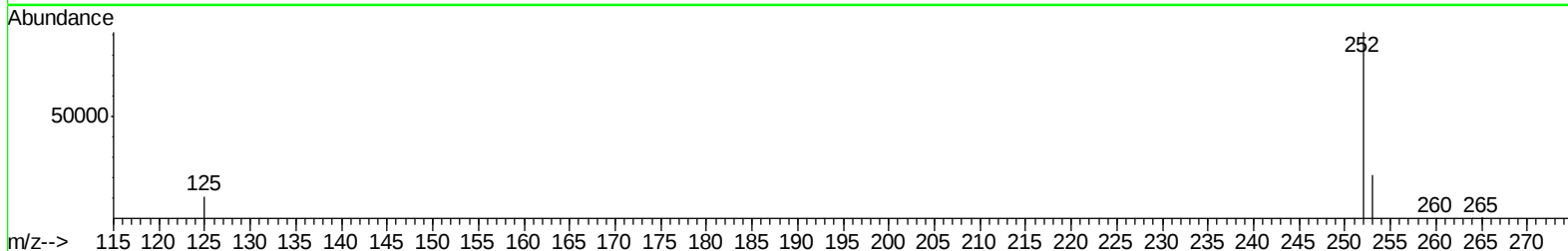
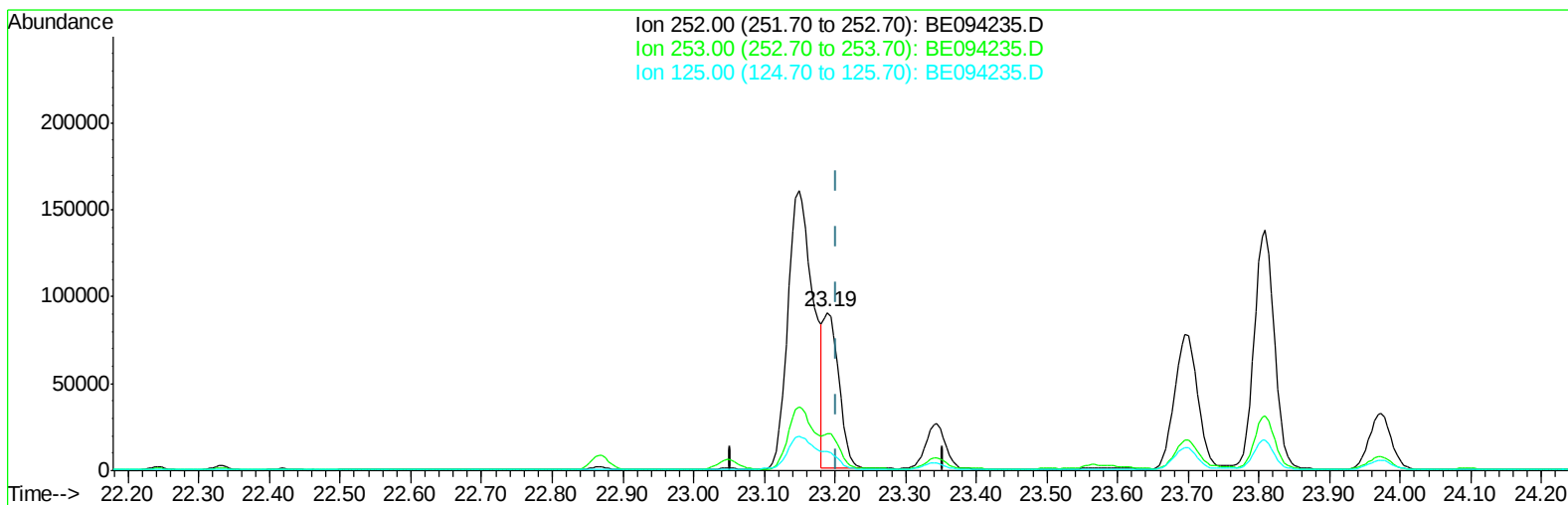
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

(22) Benzo(k)fluoranthene

23.190min (-0.013) 2.58ng/ul m

response 132464

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.38#
125.00	17.10	12.14#
0.00	0.00	0.00

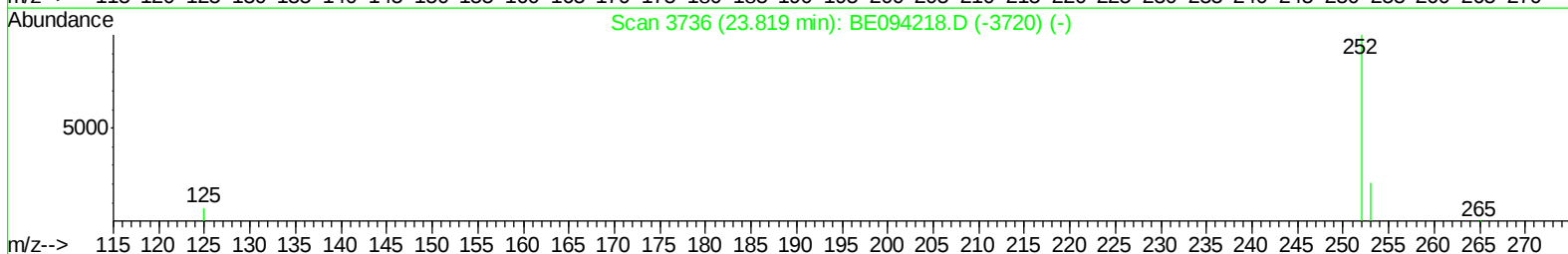
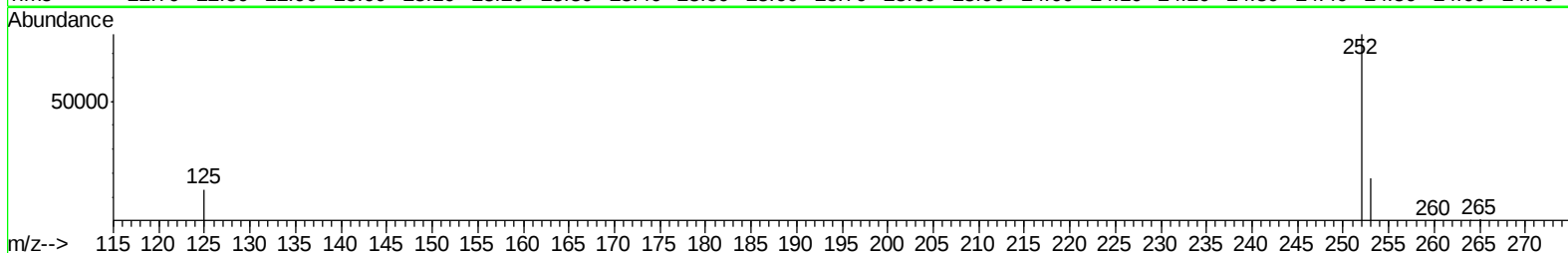
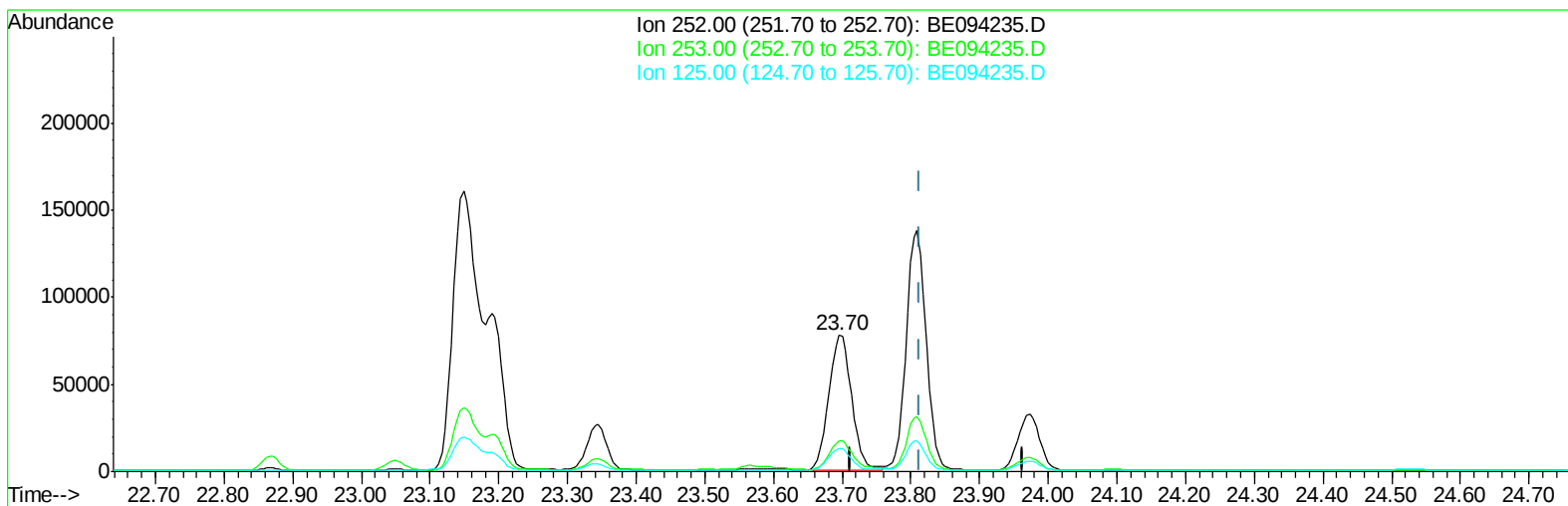
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

(23) Benzo(a)pyrene (C)

23.695min (-0.118) 3.92ng/ul

response 180812

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.83#
125.00	22.60	17.03#
0.00	0.00	0.00

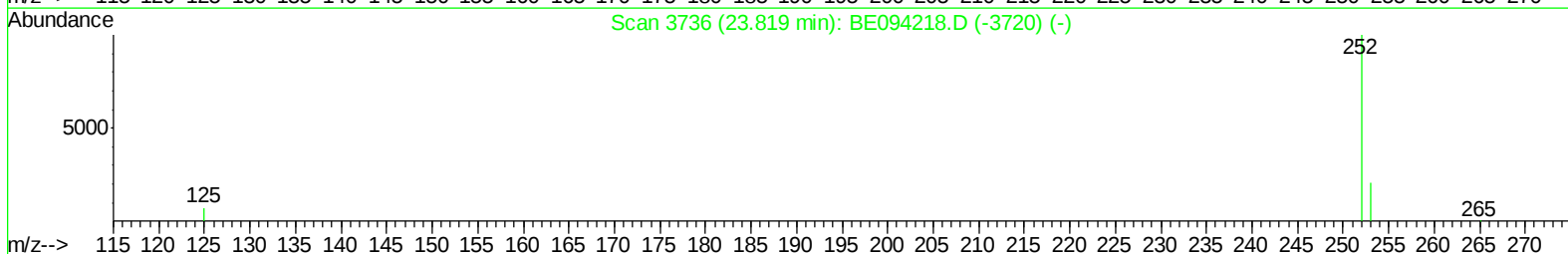
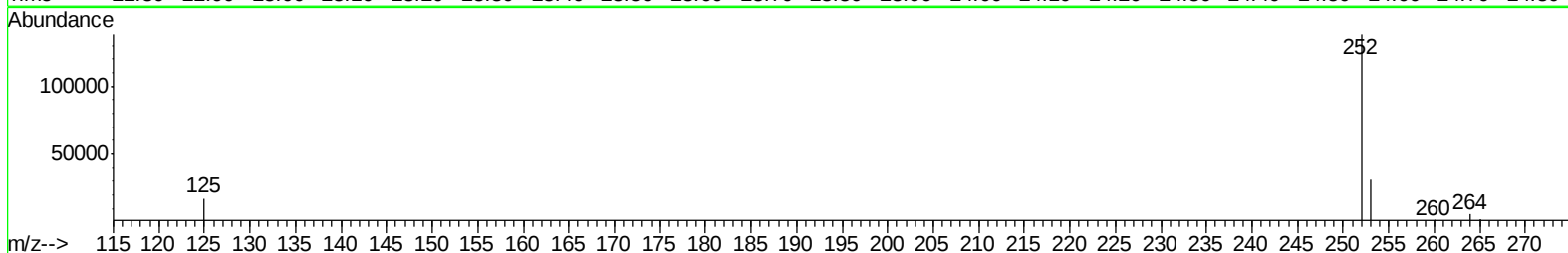
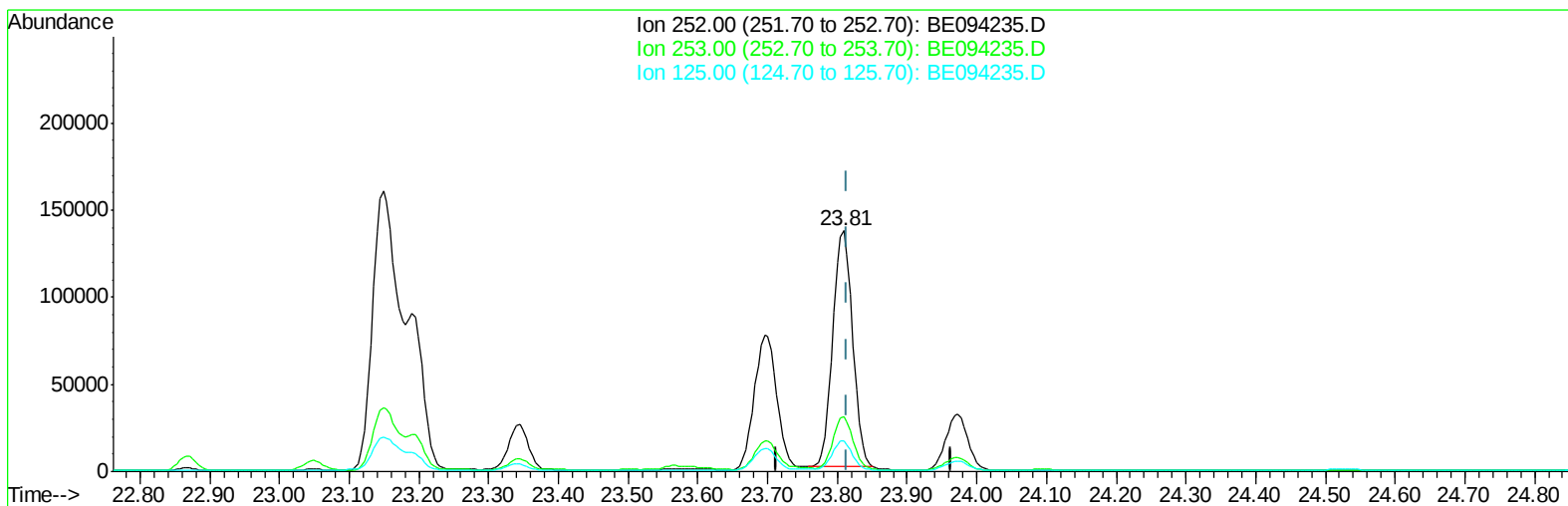
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 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: BE094235.D

(23) Benzo(a)pyrene (C)

23.809min (-0.004) 5.77ng/ul m

response 266106

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.67#
125.00	22.60	12.59#
0.00	0.00	0.00

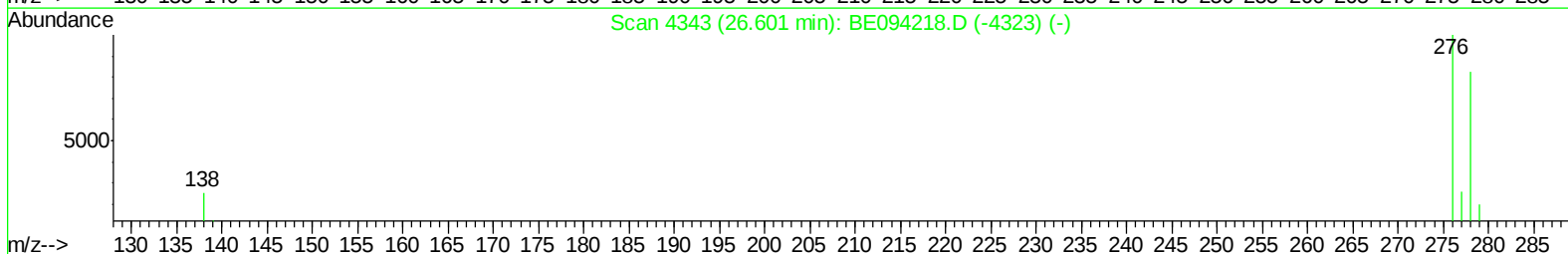
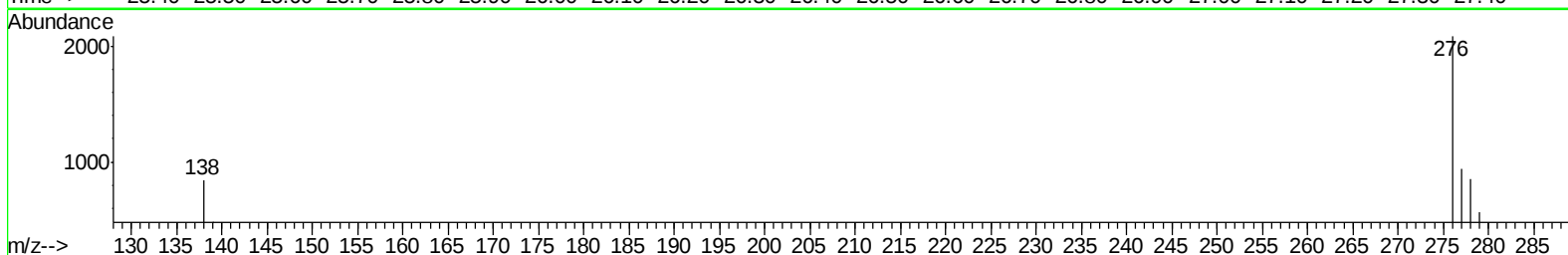
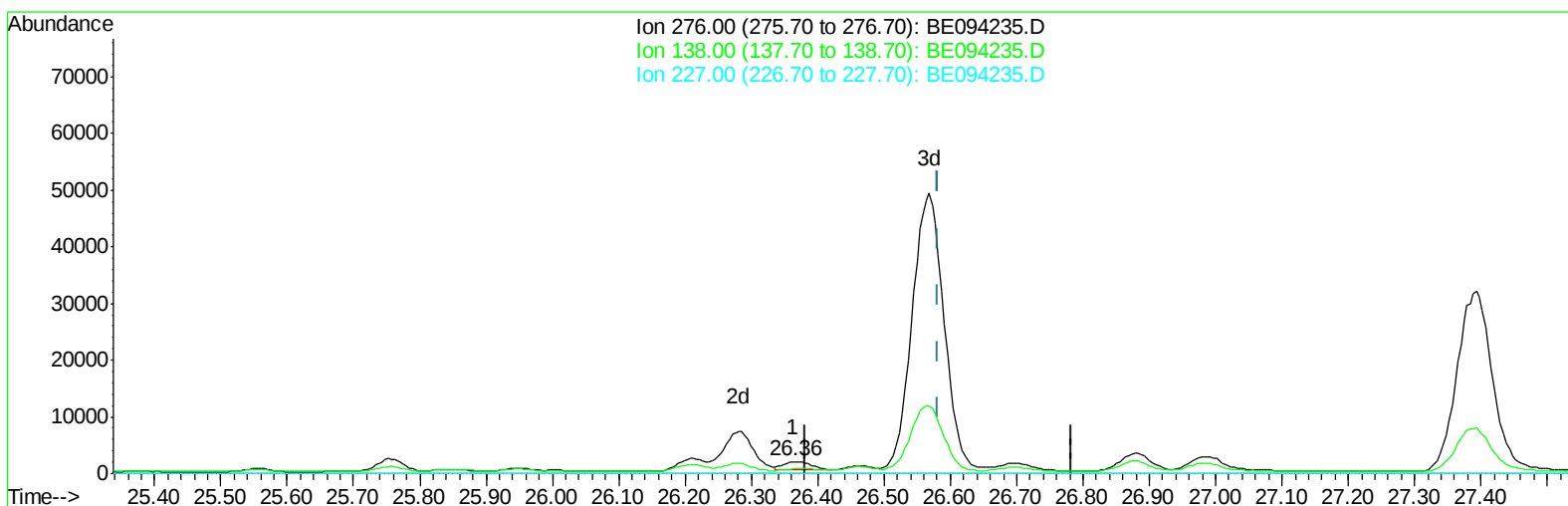
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

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

26.363min (-0.220) 0.09ng/ul

response 4026

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	28.09
227.00	10.00	0.00#
0.00	0.00	0.00

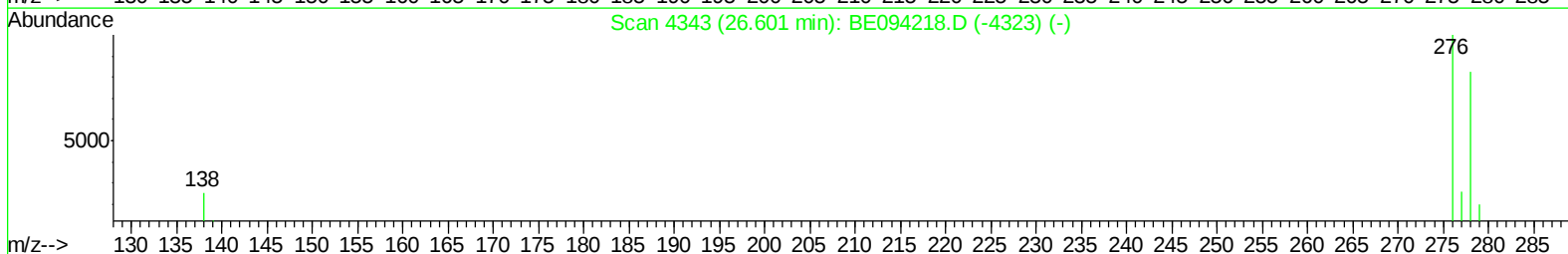
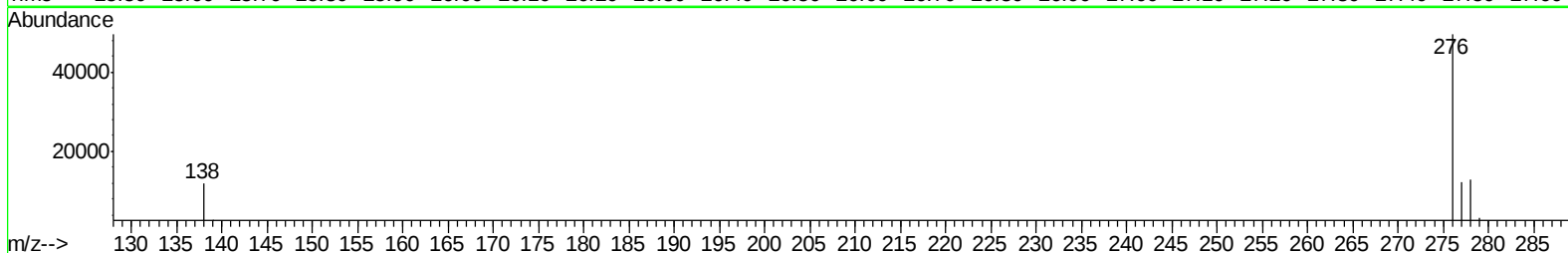
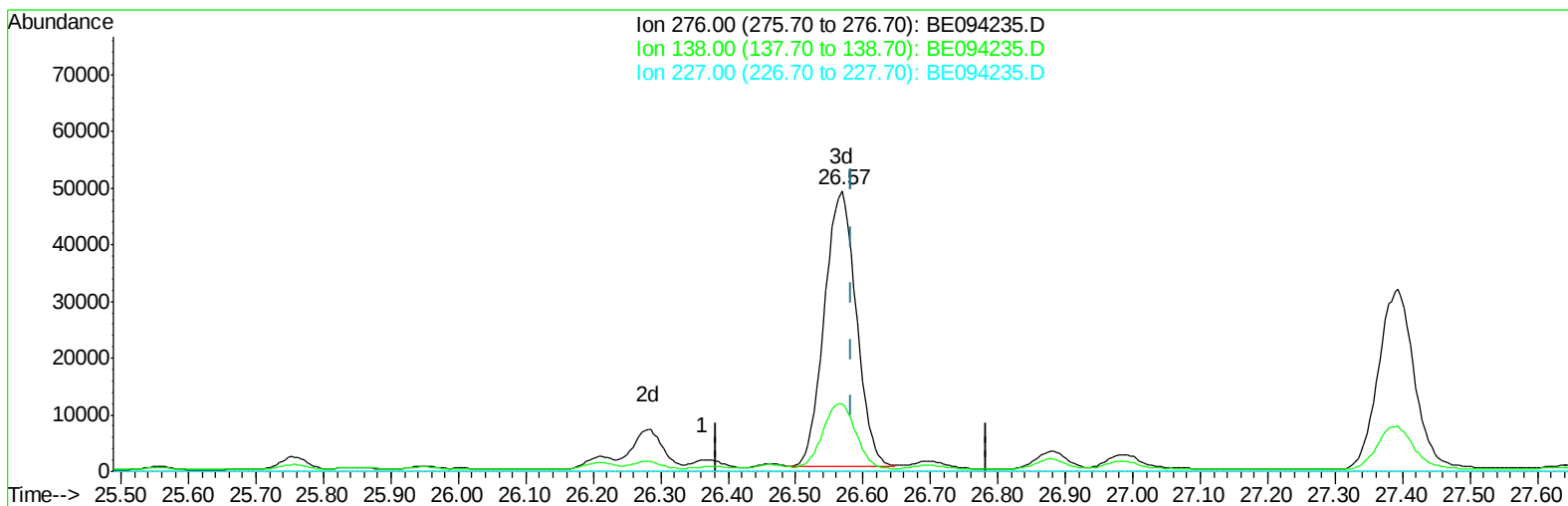
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 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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Response via : Initial Calibration



TIC: BE094235.D

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

26.568min (-0.015) 3.36ng/ul m

response 158355

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.71#
227.00	10.00	0.00#
0.00	0.00	0.00

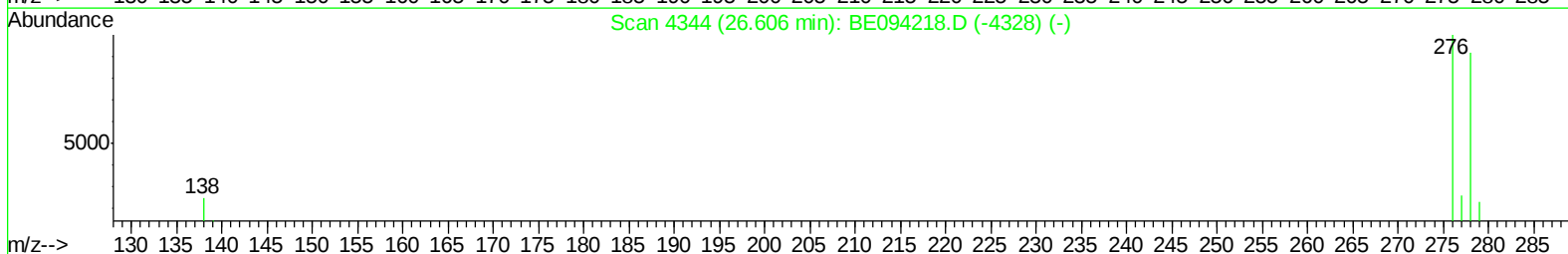
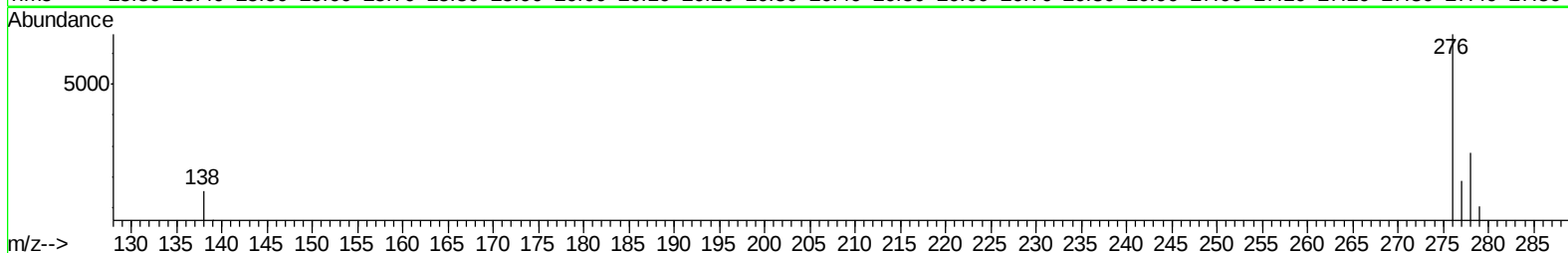
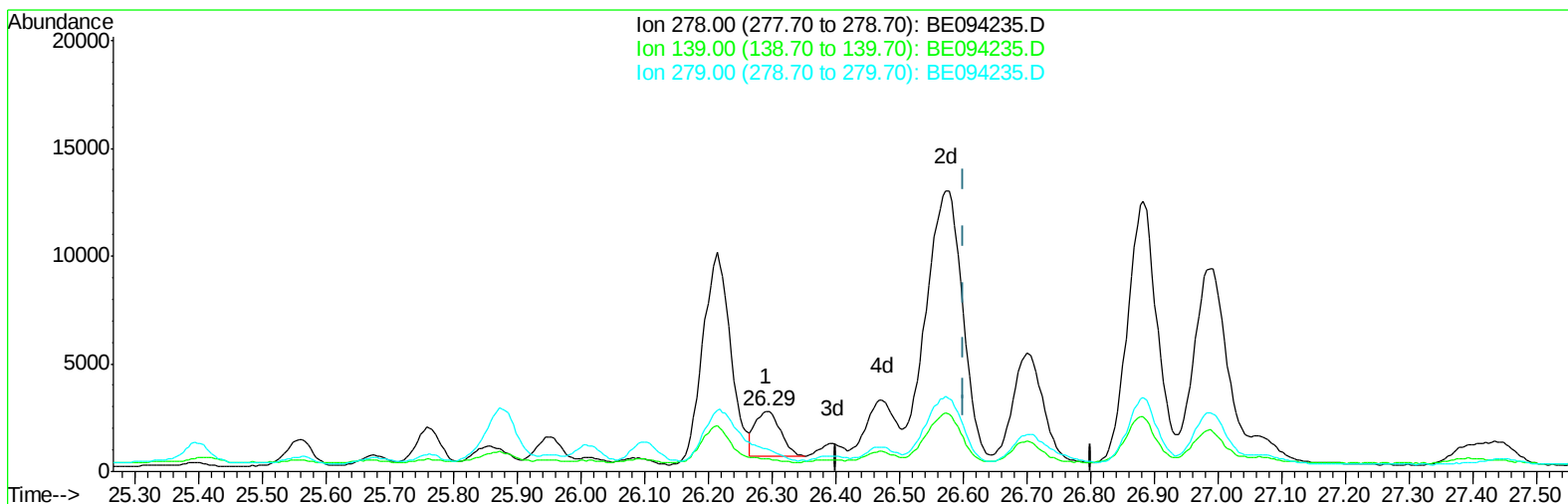
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 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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Response via : Initial Calibration



TIC: BE094235.D

(25) Dibenzo(a,h)anthracene

26.290min (-0.311) 0.15ng/ul

response 5801

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	21.61
279.00	32.40	37.86
0.00	0.00	0.00

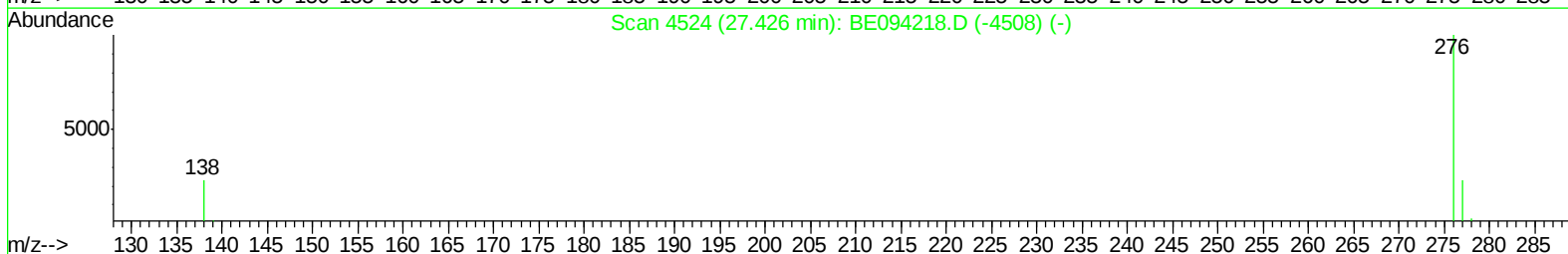
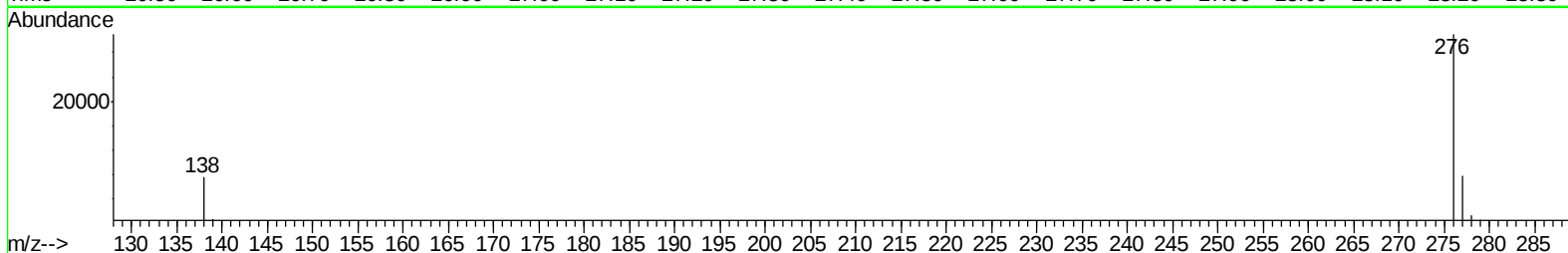
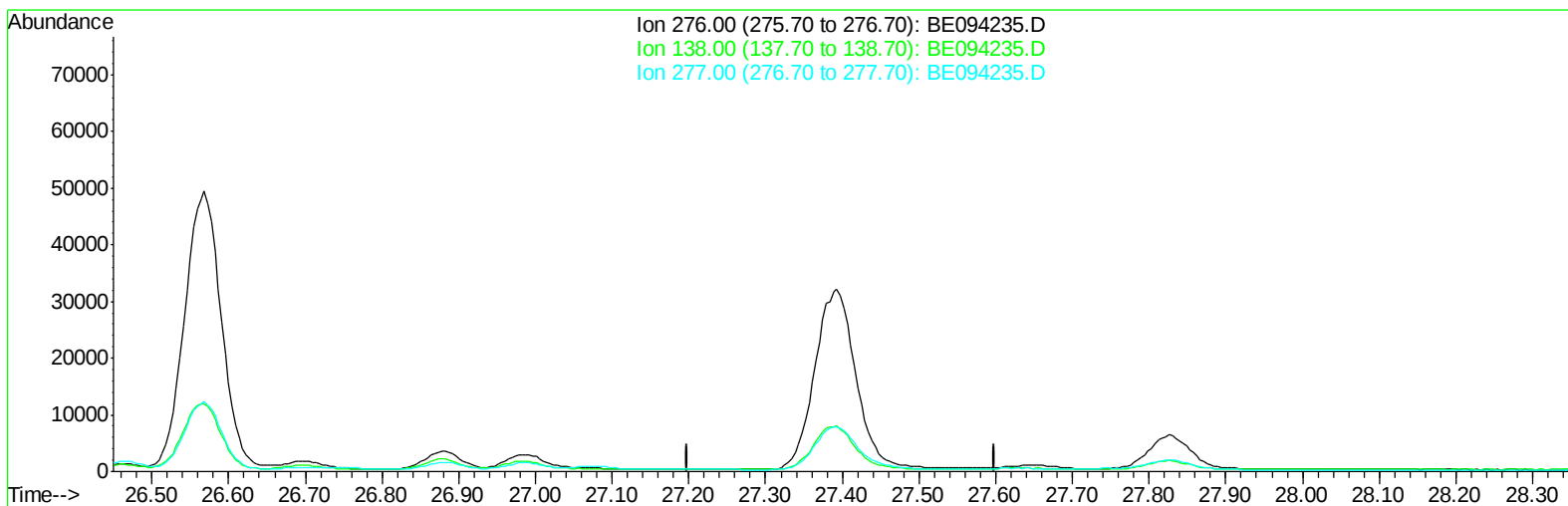
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094235.D

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

27.399min (-27.399) 0.00ng/ul

response 0

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

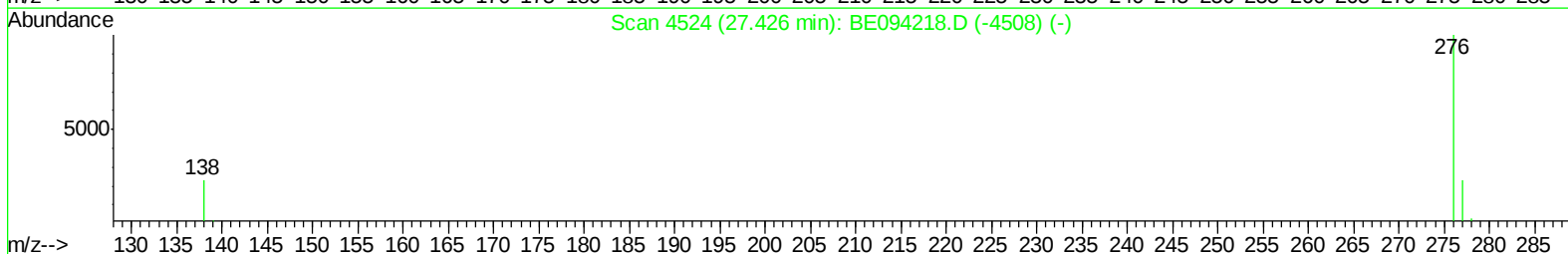
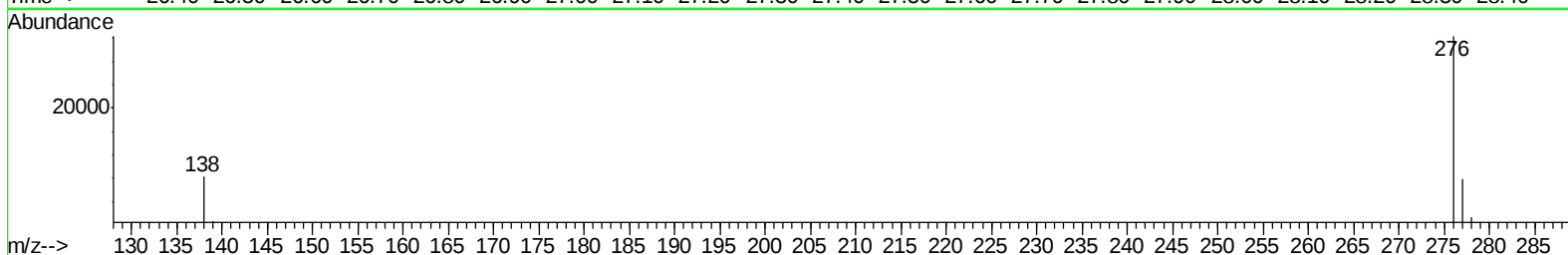
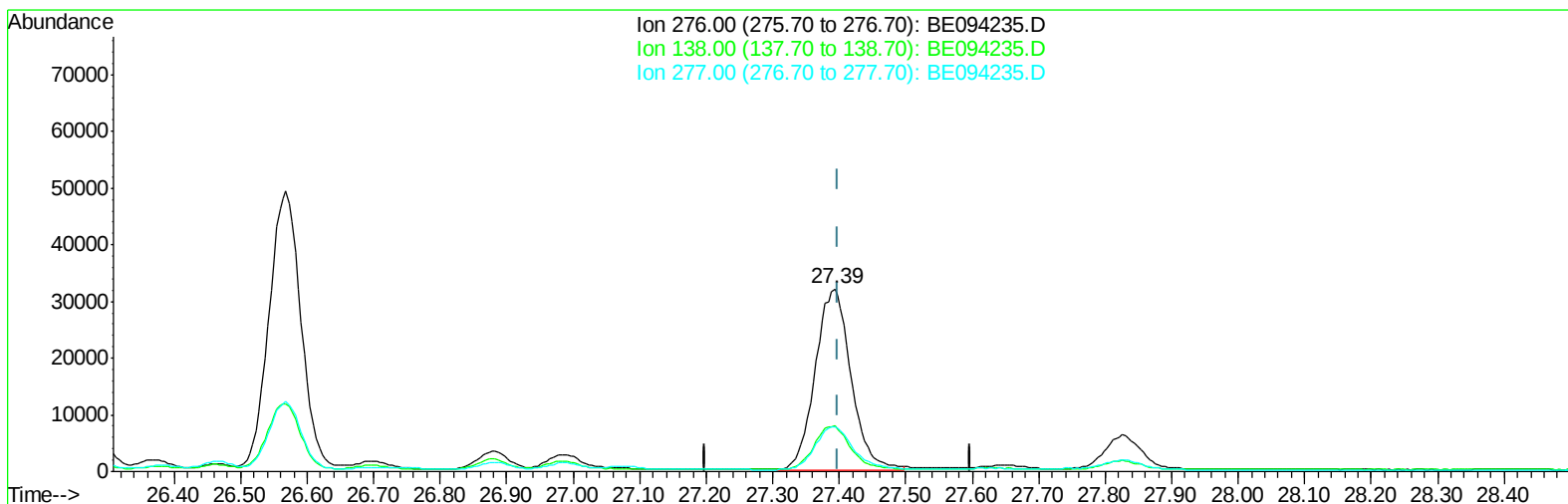
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 09:53:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

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

27.393min (-0.006) 2.94ng/ul m

response 119489

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.40
277.00	25.60	24.47
0.00	0.00	0.00

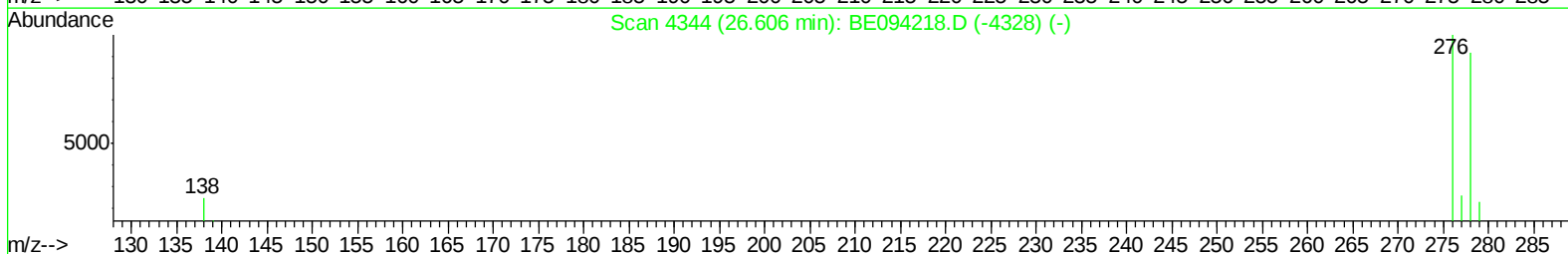
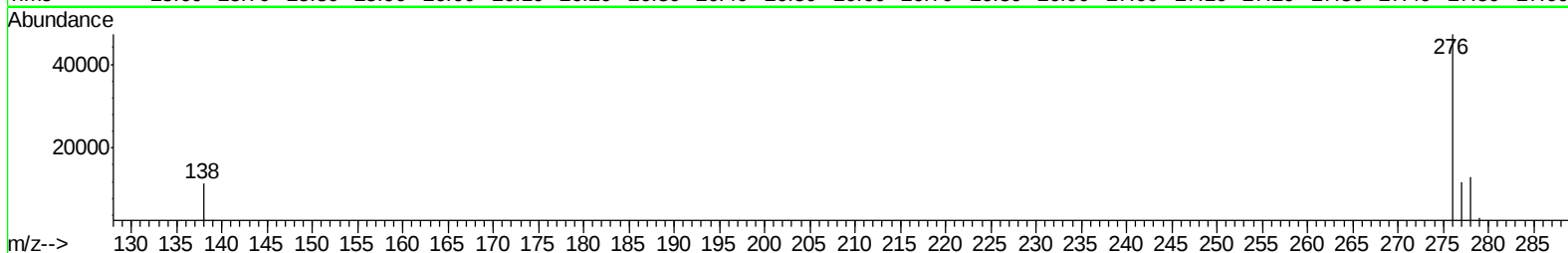
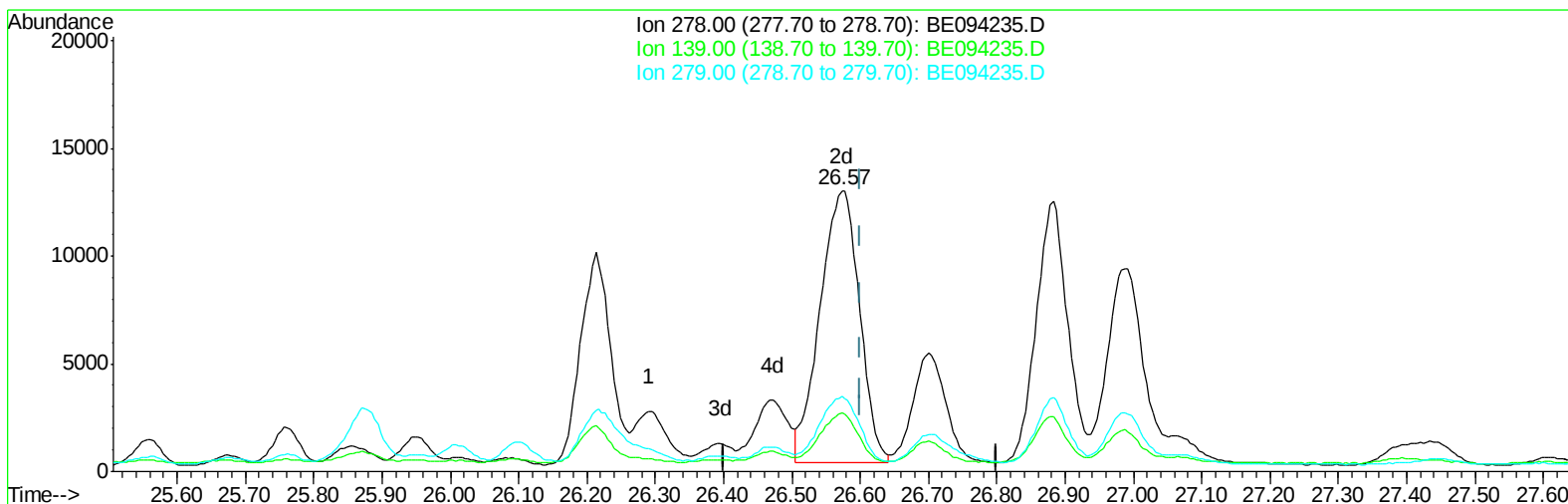
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094235.D
Acq On : 9 Oct 2017 23:55
Operator : SJ/JU
Sample : I5522-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 10:02:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094235.D

(25) Dibenzo(a,h)anthracene

26.573min (-0.028) 1.28ng/ul m

response 50564

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.77
279.00	32.40	26.64
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094235.D
 Acq On : 9 Oct 2017 23:55
 Operator : SJ/JU
 Sample : I5522-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:58:15 PM

Quant Time: Oct 10 11:09:44 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2764	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	14326	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8849	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	17994m	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	18646	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	16327m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	6601	0.30	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	15739	0.26	ng/ul	-0.02
Target Compounds						Ovalue
3) Naphthalene	10.74	128	13690	0.39	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	9487	0.42	ng/ul	99
7) Acenaphthylene	14.24	152	7464	0.22	ng/ul	96
8) Acenaphthene	14.57	153	20609	0.73	ng/ul	98
9) Fluorene	15.56	166	38454	1.16	ng/ul#	93
12) Phenanthrene	17.29	178	798467	16.98	ng/ul#	93
13) Anthracene	17.38	178	174249	3.81	ng/ul#	91
15) Fluoranthene	19.30	202	943369	15.27	ng/ul	85
17) Pyrene	19.66	202	750100	14.46	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	414416	8.38	ng/ul#	85
19) Chrysene	21.45	228	379625	6.65	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	402742m	9.08	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	132464m	2.58	ng/ul	
23) Benzo(a)pyrene	23.81	252	266106m	5.77	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	158355m	3.36	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	50564m	1.28	ng/ul	
26) Benzo(a,h,i)perylene	27.39	276	119489m	2.94	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM

Quant Time: Oct 10 11:09:44 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Mon Oct 09 04:05:38 2017
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