

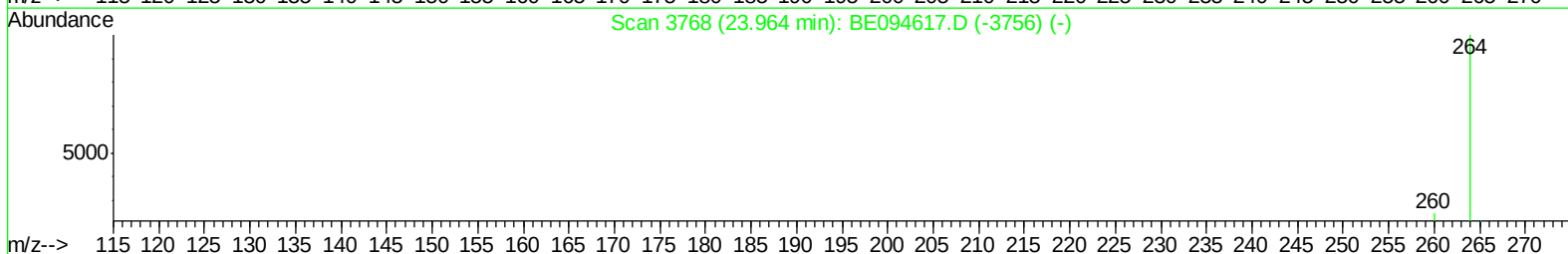
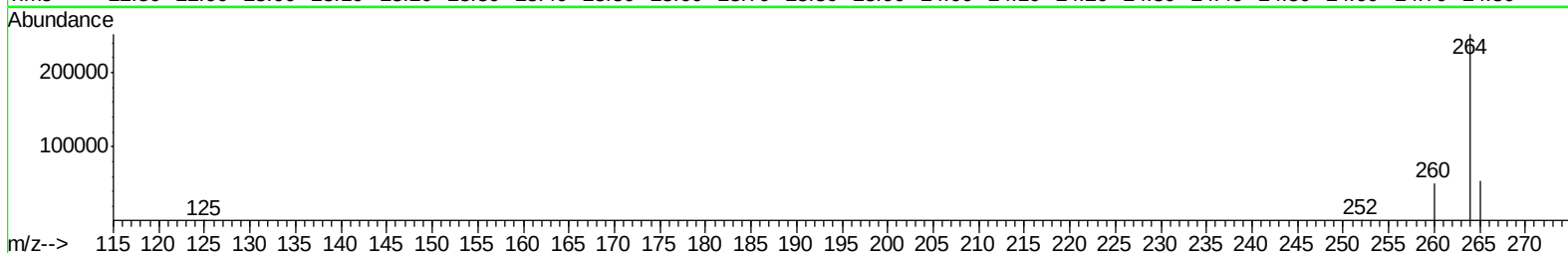
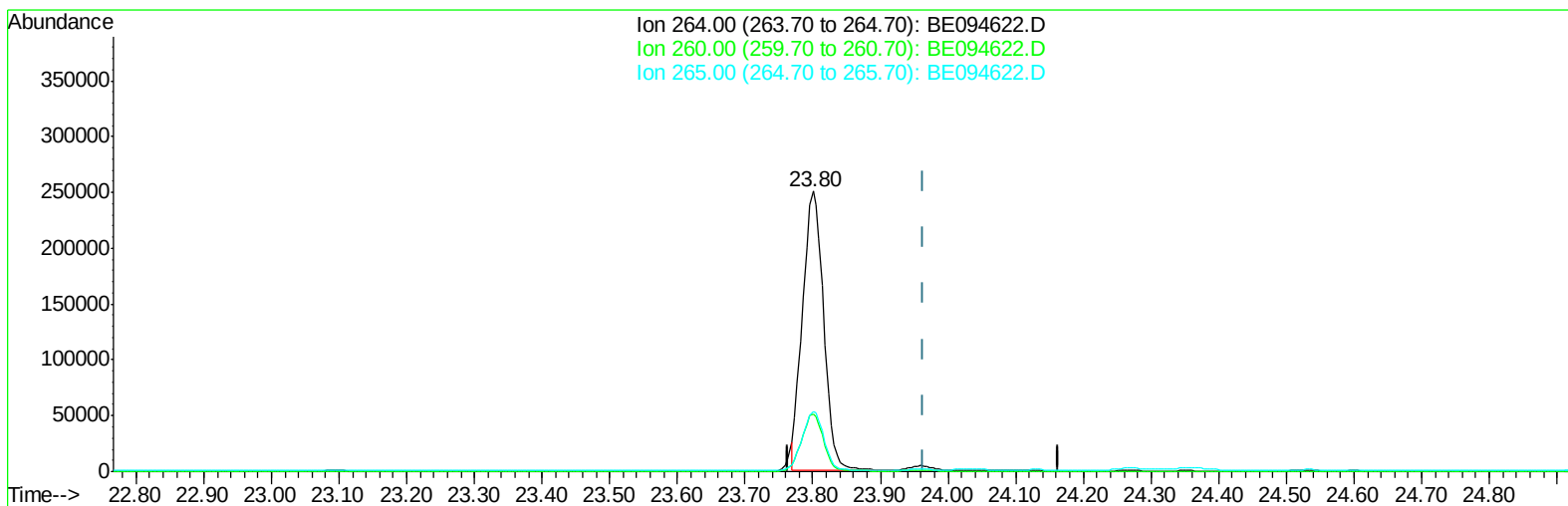
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 02:58:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(20) Perylene-d12 (I)

23.800min (-0.164) 0.40ng/ul

response 539596

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.53#
265.00	103.50	21.54#
0.00	0.00	0.00

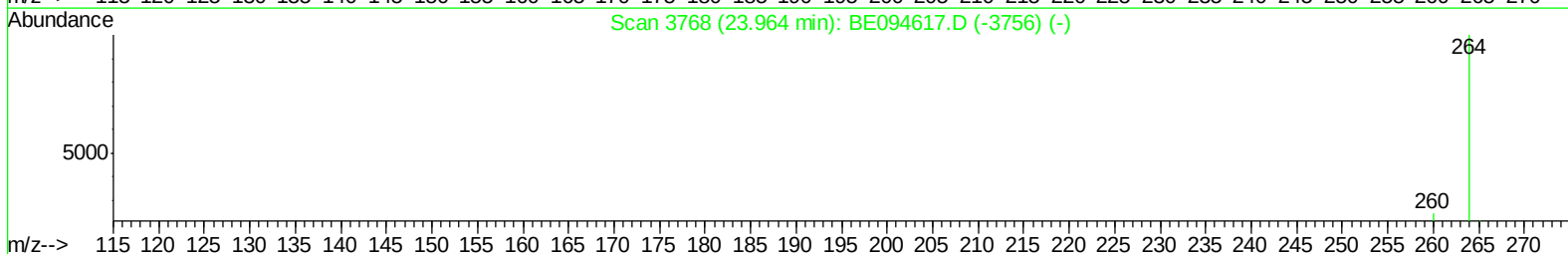
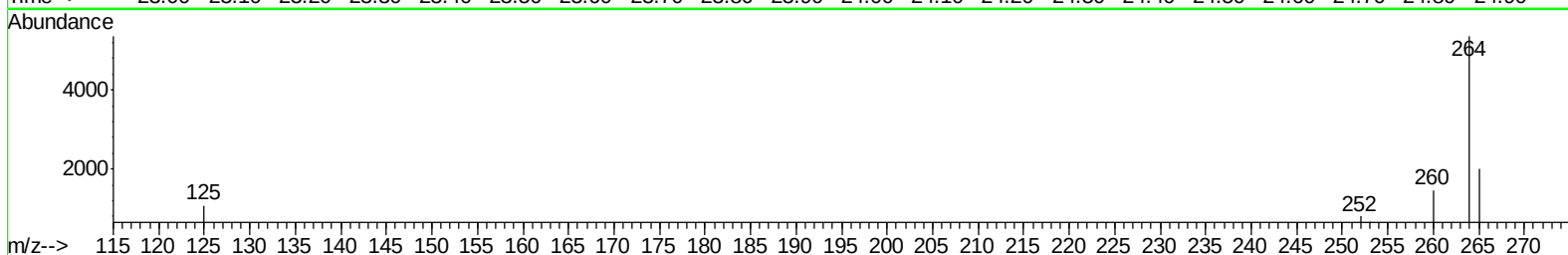
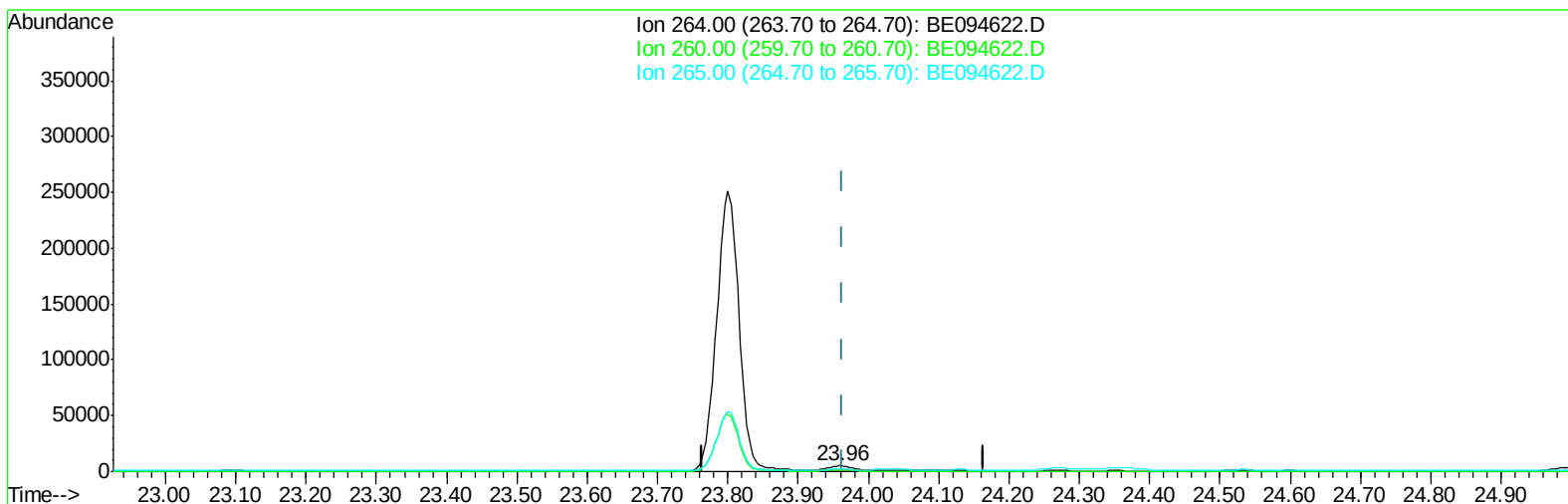
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 02:58:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(20) Perylene-d12 (I)

23.960min (-0.005) 0.40ng/ul m

response 10124

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.31
265.00	103.50	37.76#
0.00	0.00	0.00

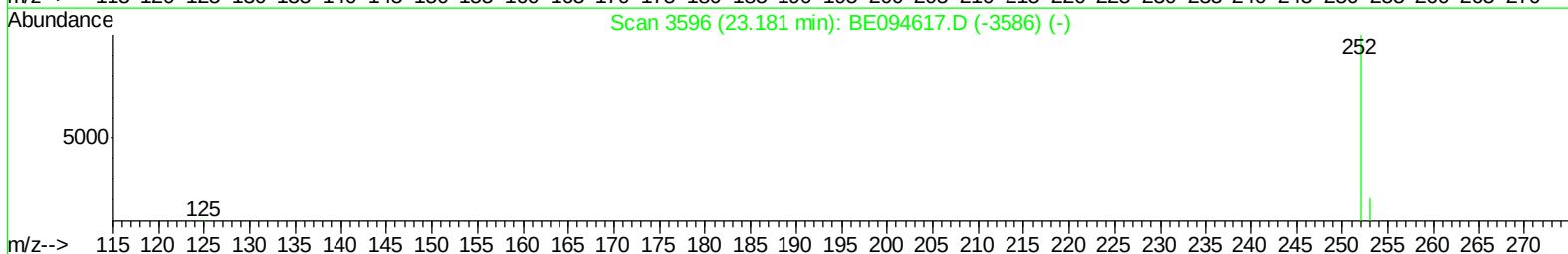
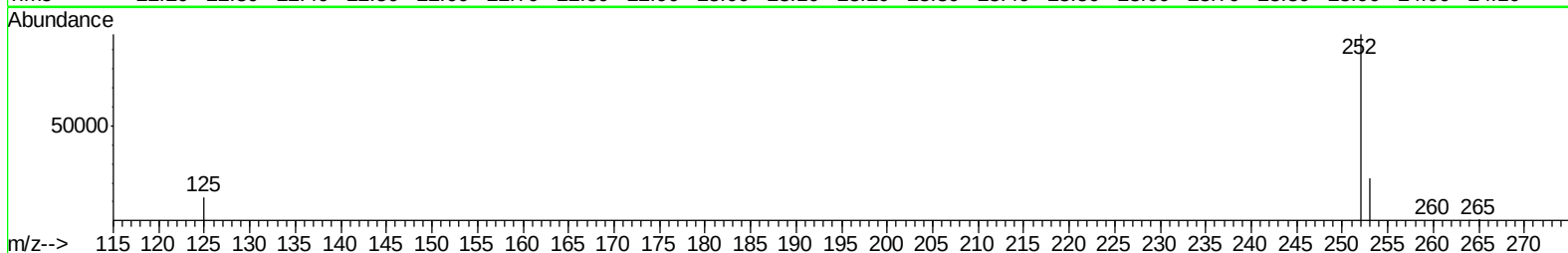
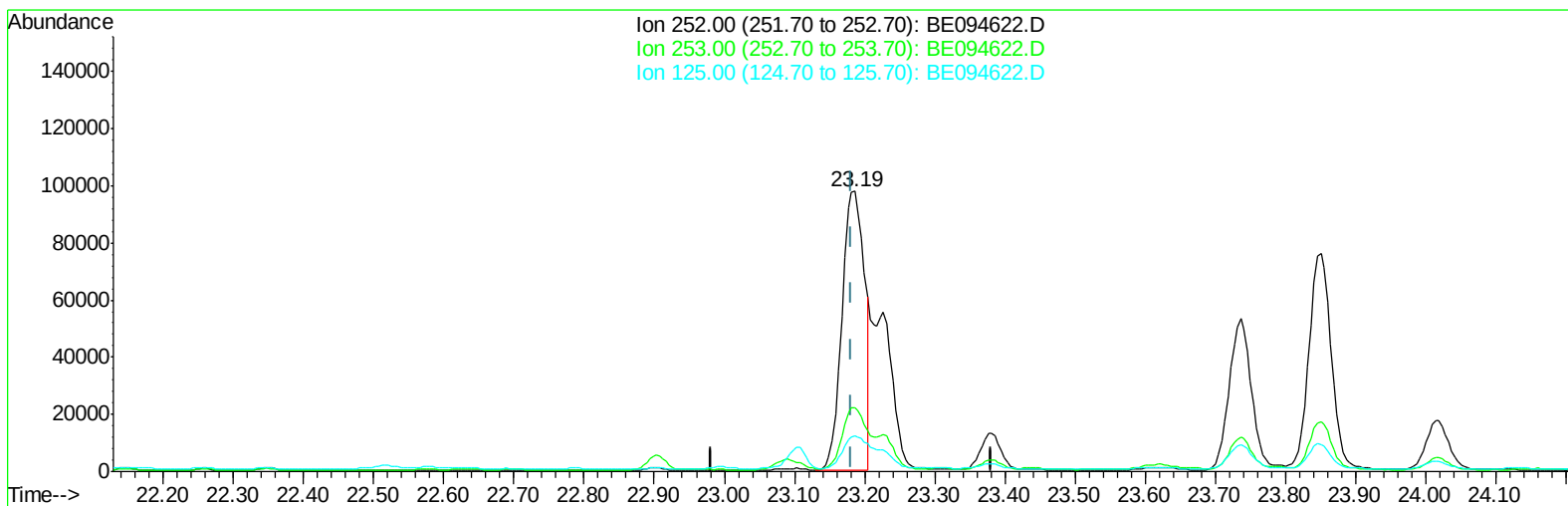
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(21) Benzo(b)fluoranthene

23.185min (+0.004) 7.56ng/ul

response 215419

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.94
125.00	17.50	12.64
0.00	0.00	0.00

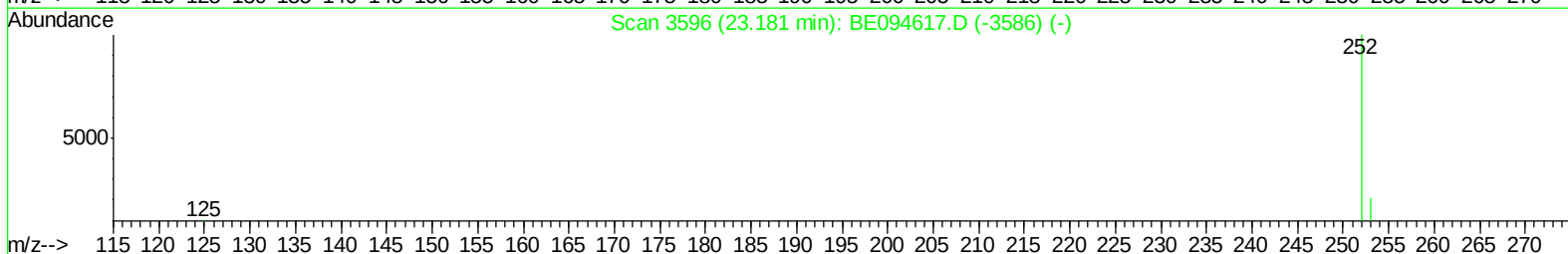
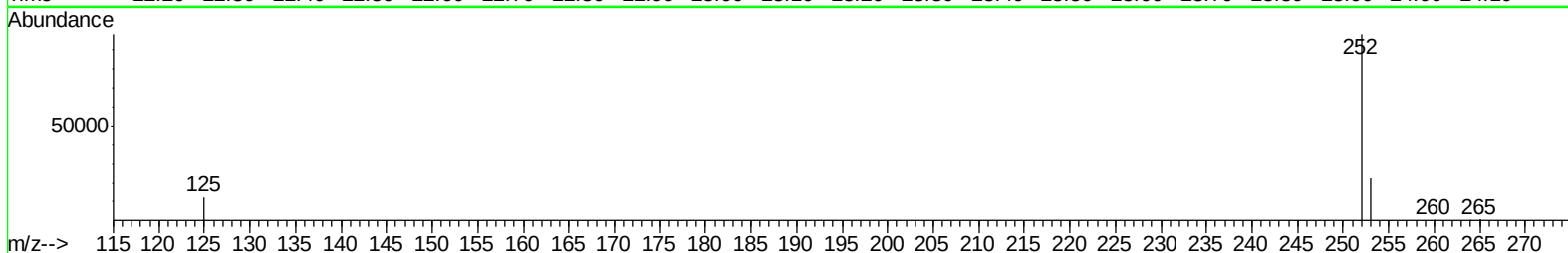
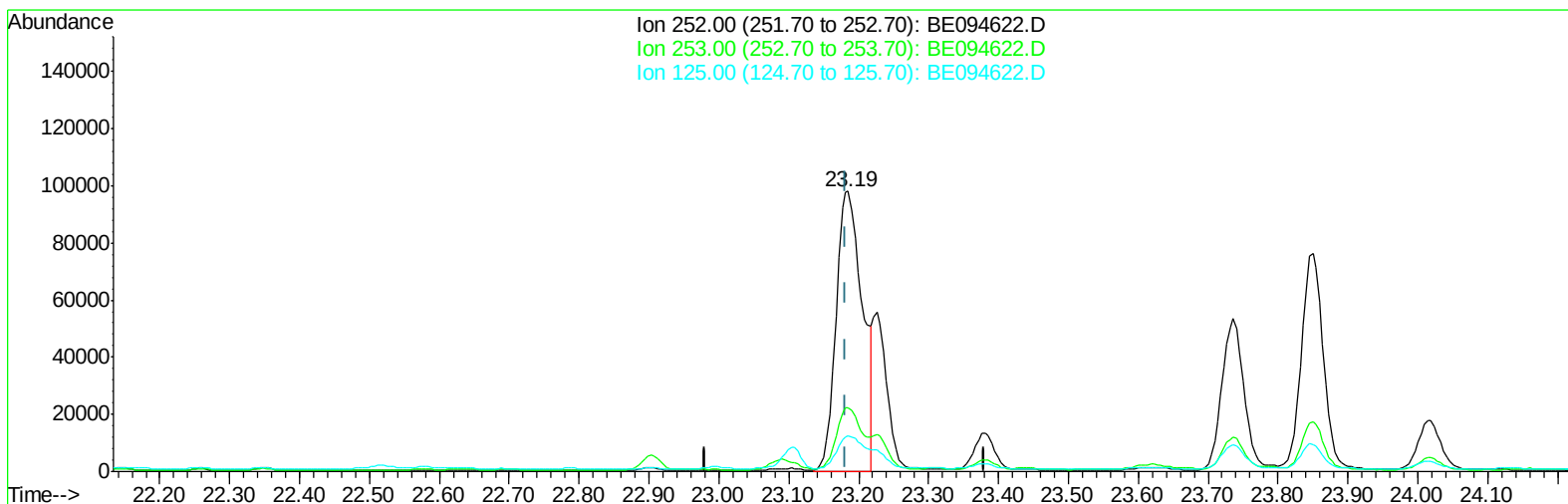
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(21) Benzo(b)fluoranthene

23.185min (+0.004) 9.13ng/ul m

response 259903

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.94
125.00	17.50	12.64
0.00	0.00	0.00

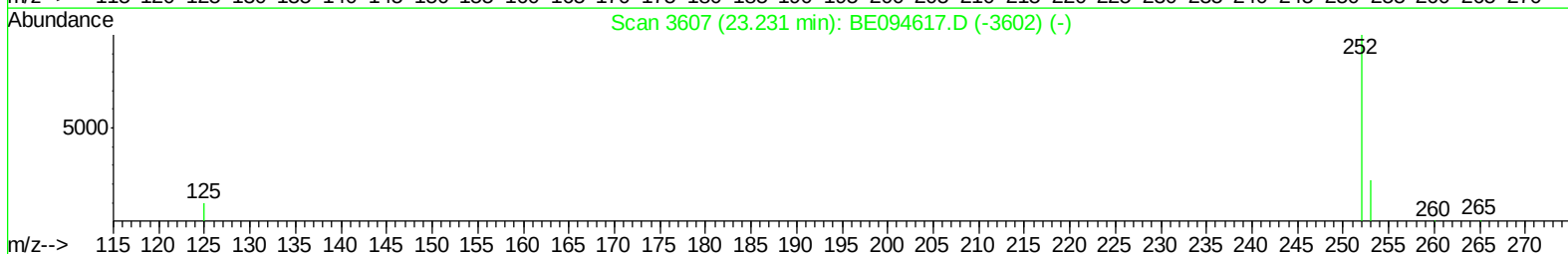
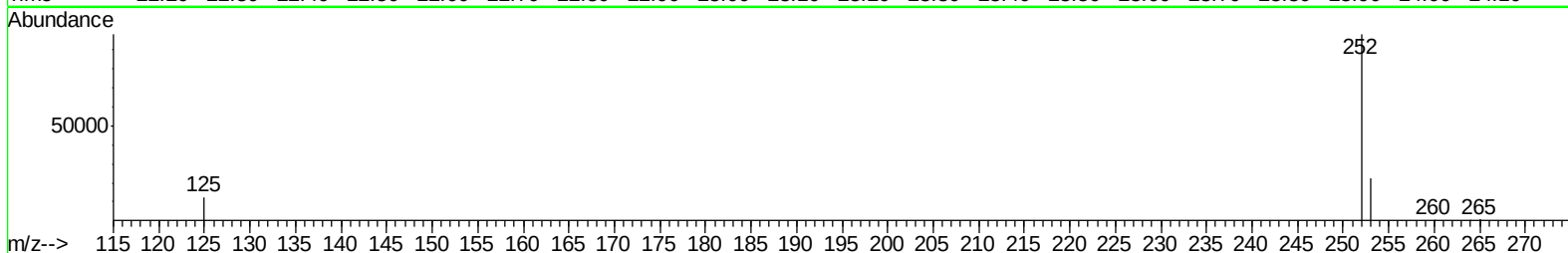
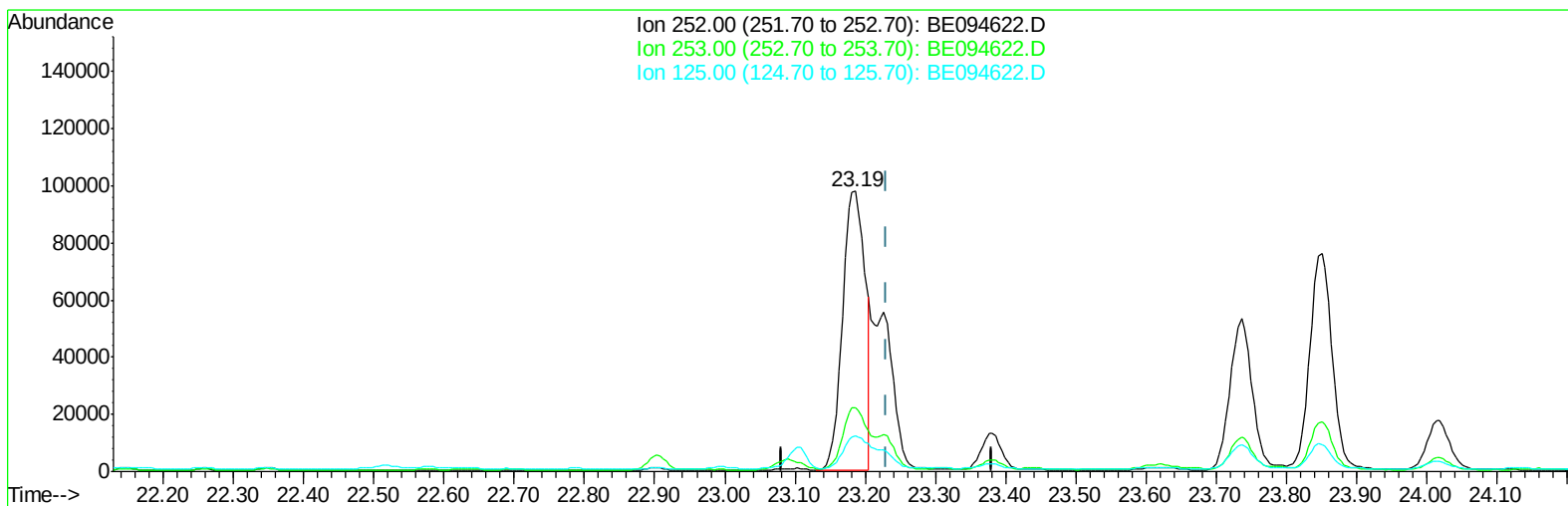
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(22) Benzo(k)fluoranthene
23.185min (-0.046) 7.06ng/ul
response 215419

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.94#
125.00	17.10	12.64#
0.00	0.00	0.00

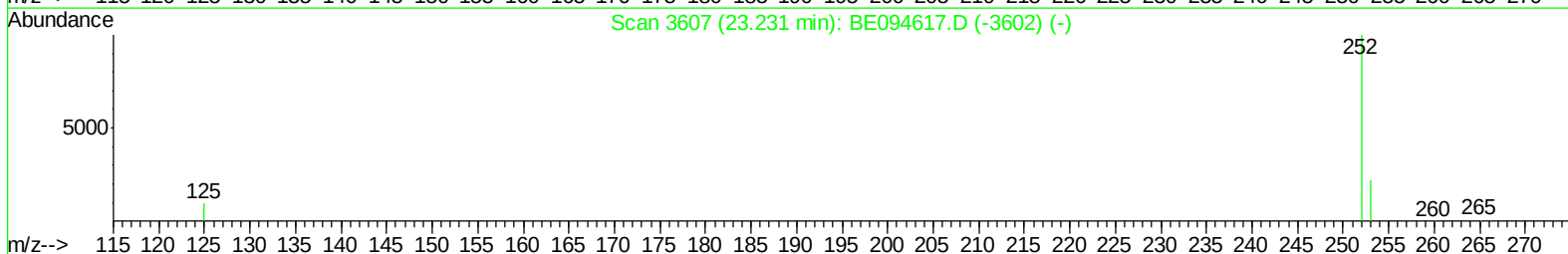
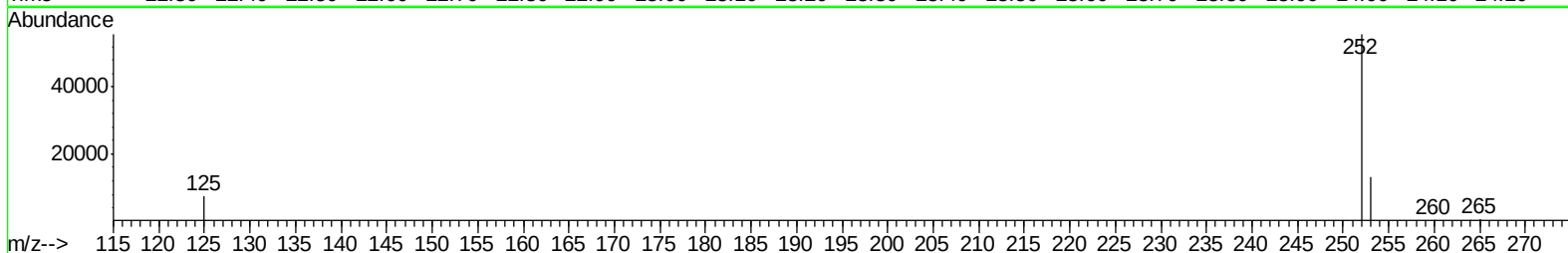
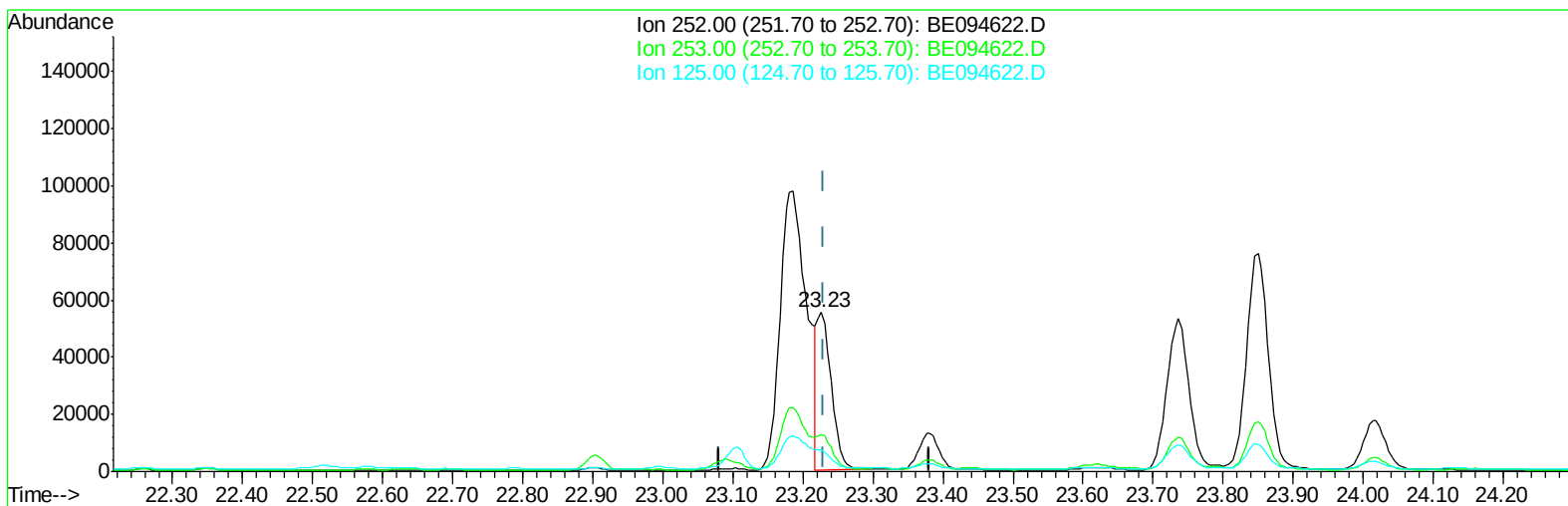
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(22) Benzo(k)fluoranthene

23.226min (-0.005) 2.52ng/ul m

response 76971

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.45#
125.00	17.10	13.48#
0.00	0.00	0.00

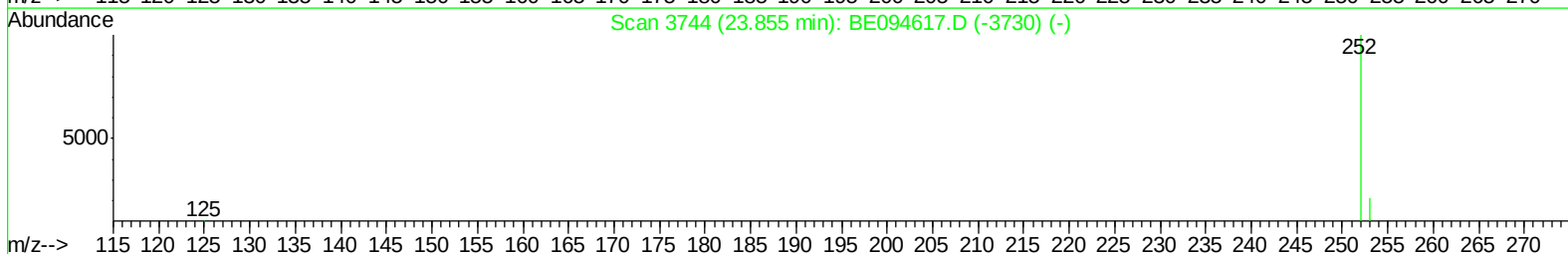
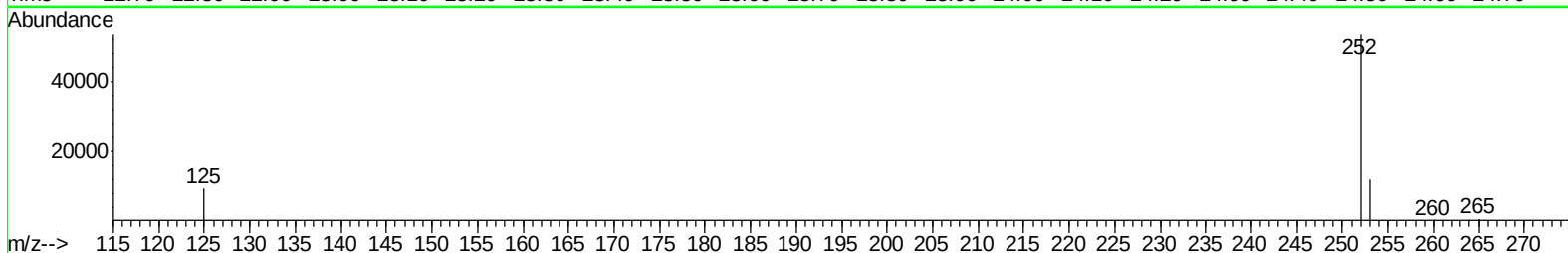
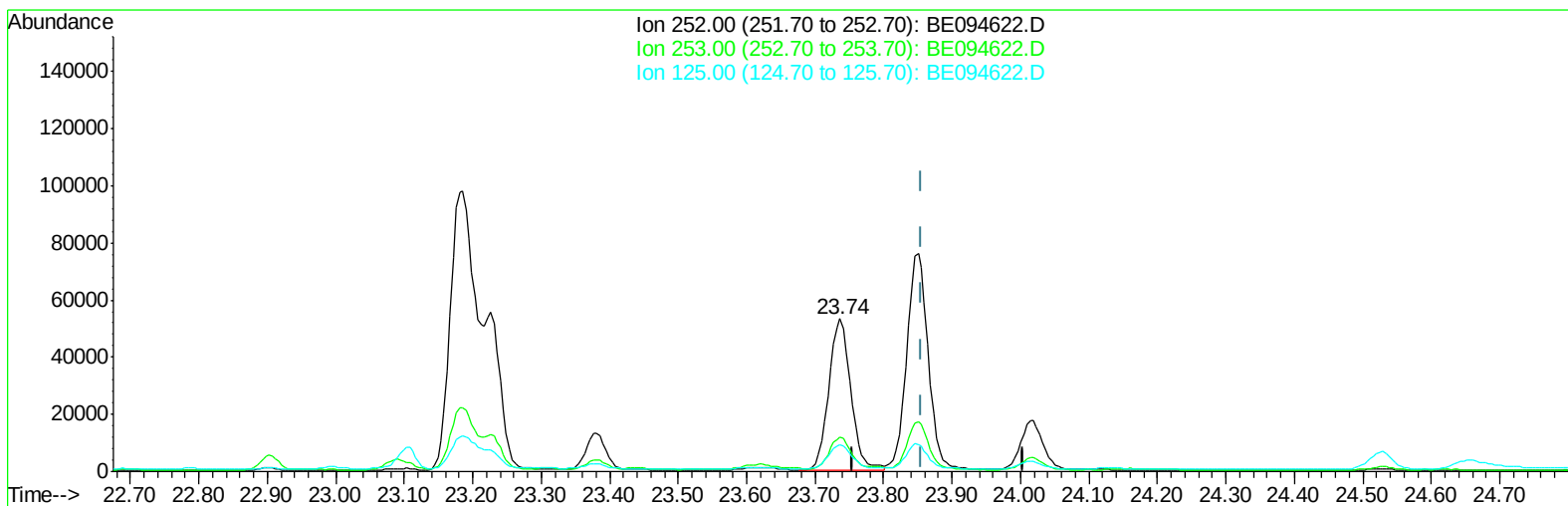
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(23) Benzo(a)pyrene (C)

23.736min (-0.119) 4.15ng/ul

response 118136

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.52#
125.00	22.60	17.47#
0.00	0.00	0.00

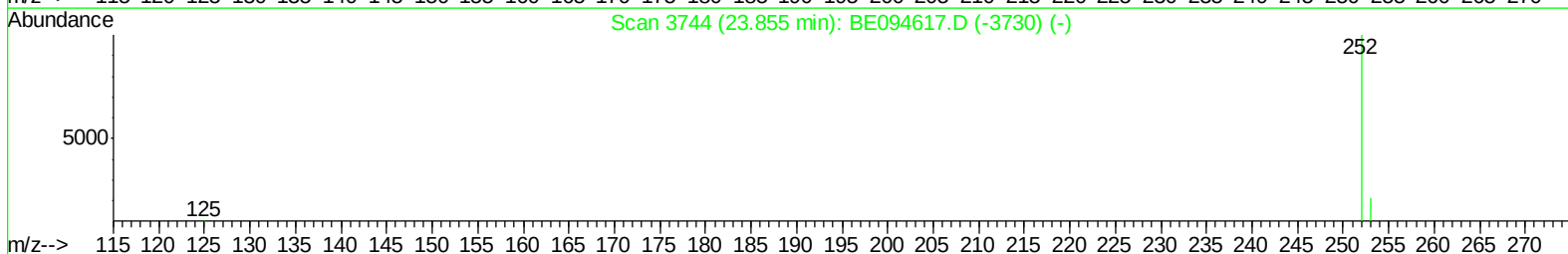
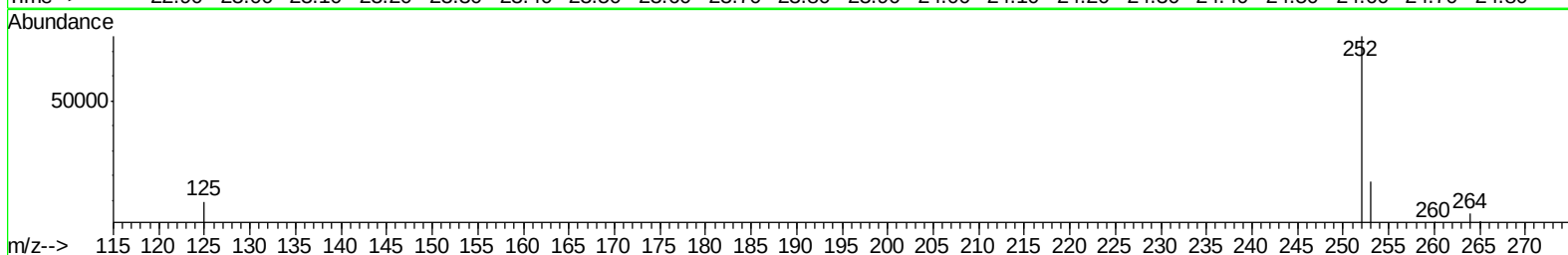
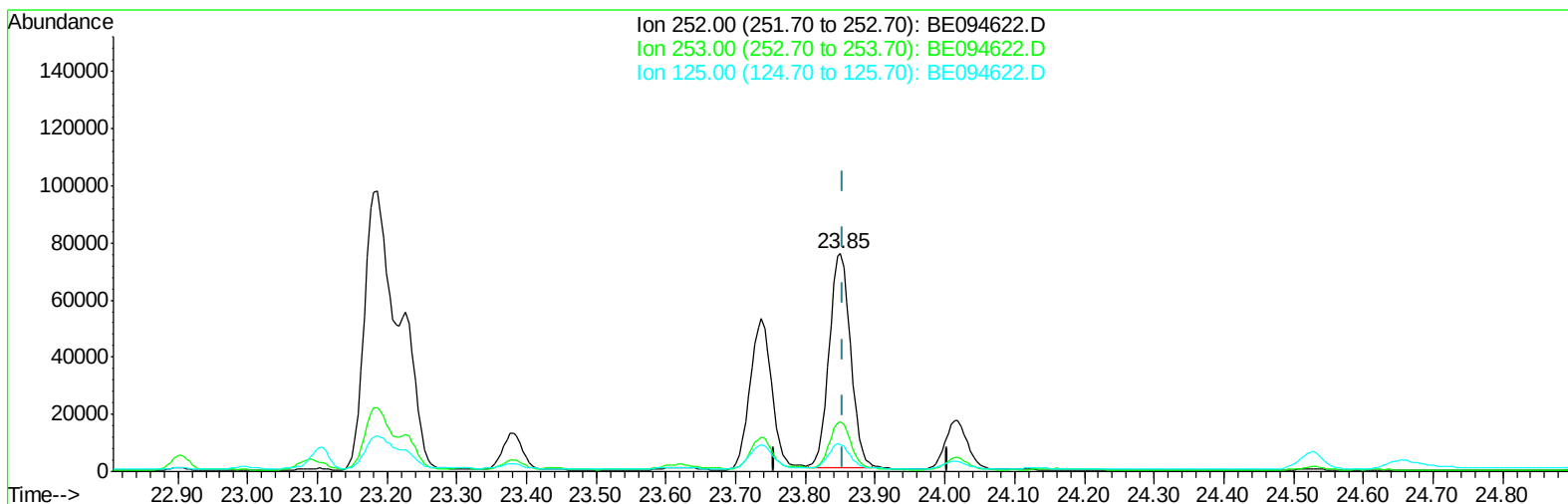
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(23) Benzo(a)pyrene (C)

23.850min (-0.005) 5.61ng/ul m

response 159720

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.94#
125.00	22.60	12.54#
0.00	0.00	0.00

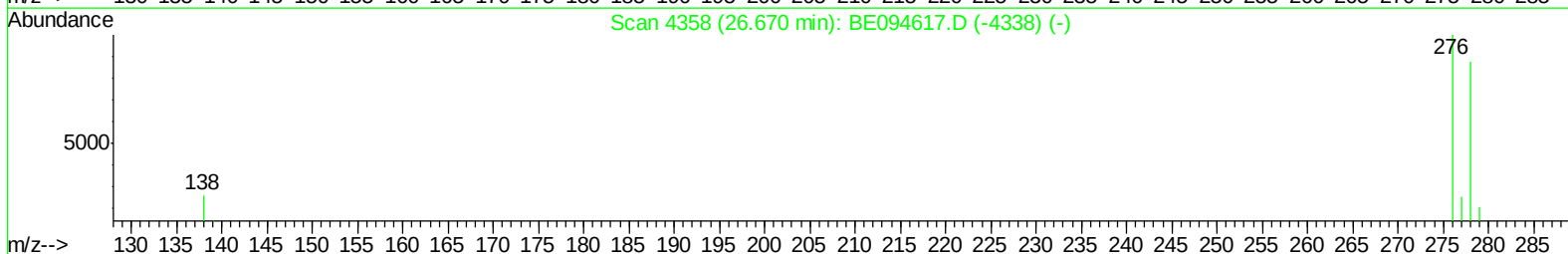
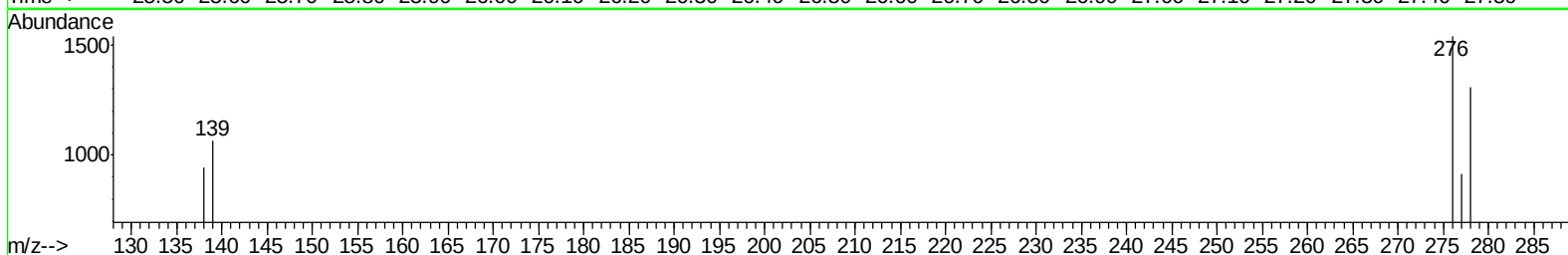
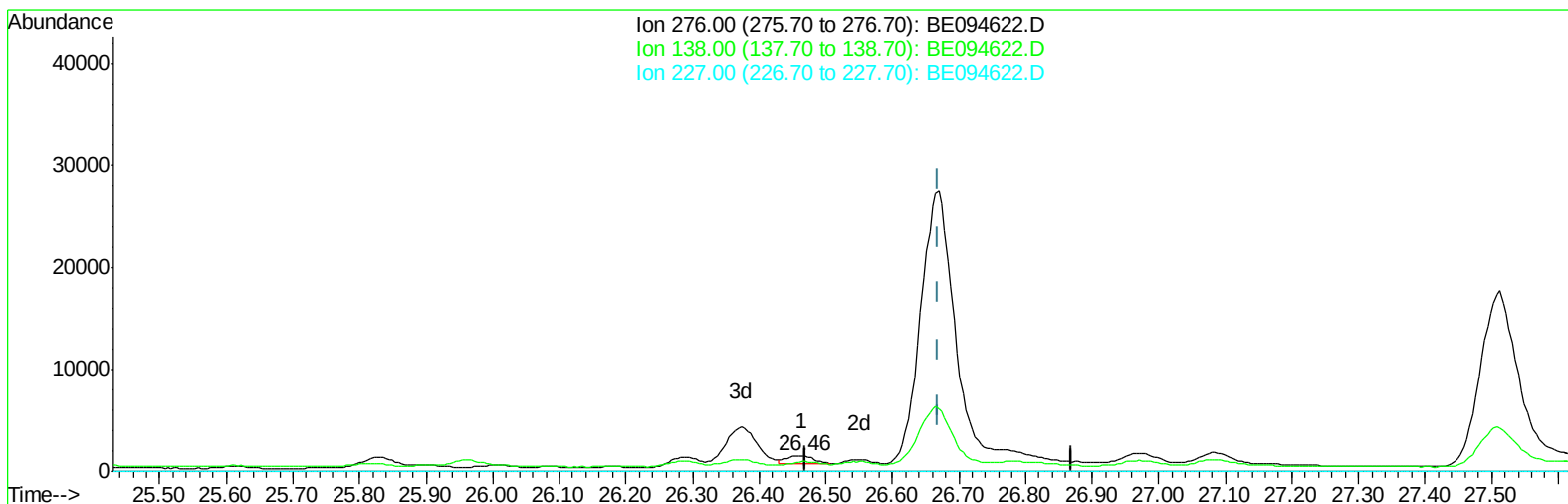
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

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

26.465min (-0.205) 0.07ng/ul

response 2175

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	45.47#
227.00	10.00	0.00#
0.00	0.00	0.00

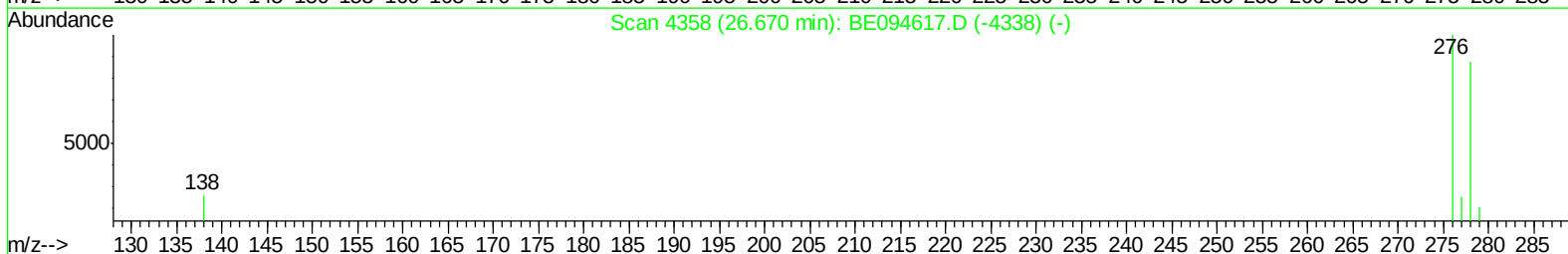
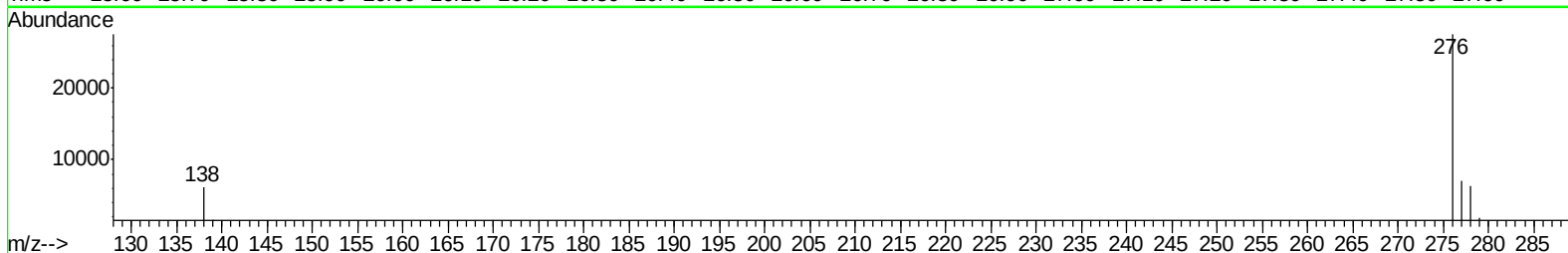
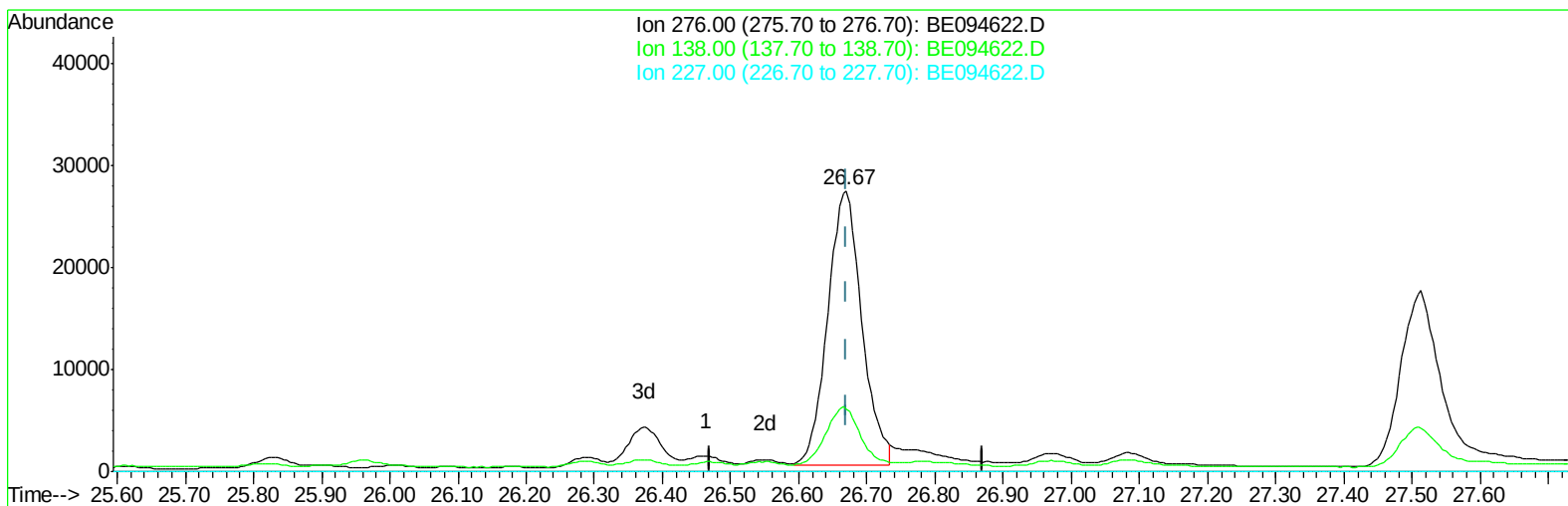
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094622.D
 Acq On : 28 Oct 2017 14:42
 Operator : SJ/JU
 Sample : I5842-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration



TIC: BE094622.D

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

26.670min (+0.000) 3.18ng/ul m

response 93796

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	1.05#
227.00	10.00	0.00#
0.00	0.00	0.00

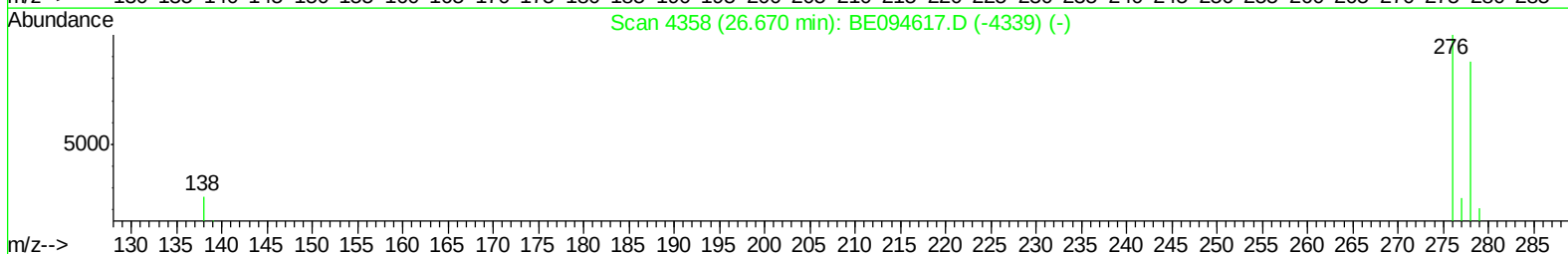
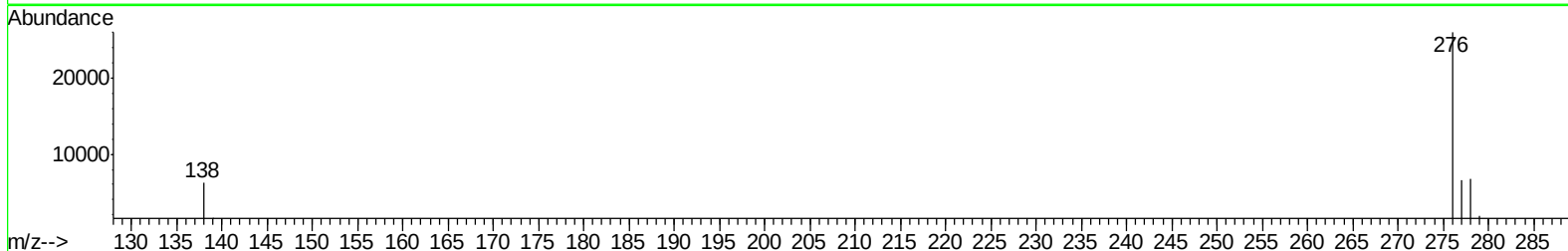
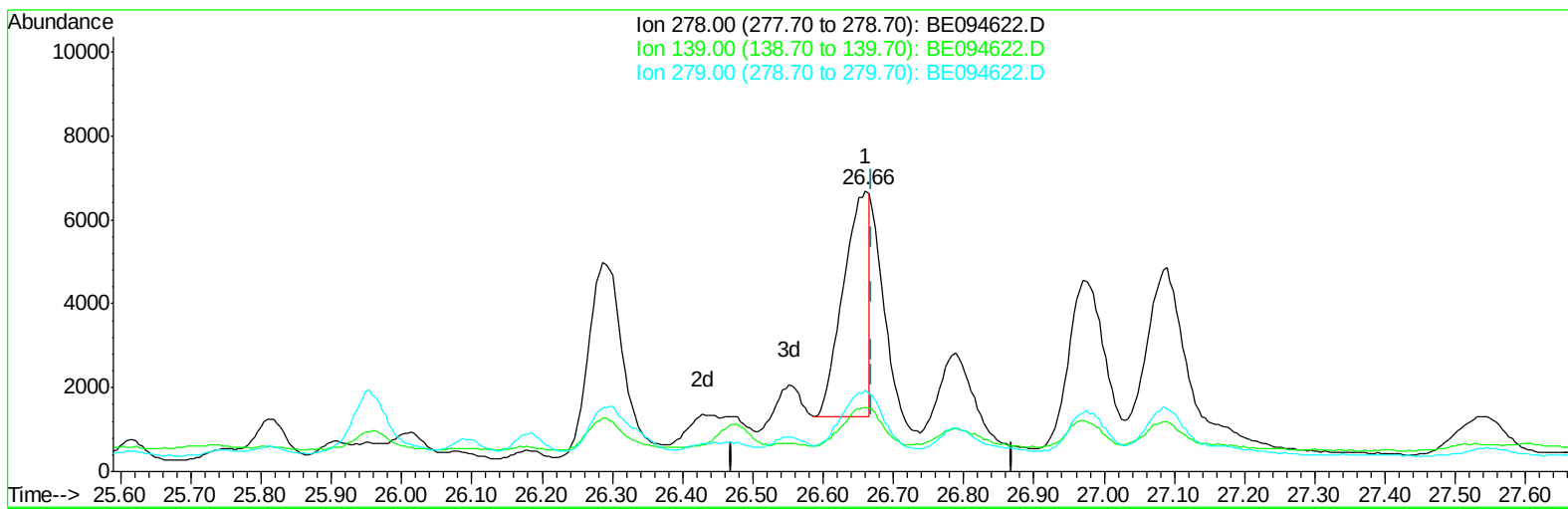
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(25) Dibenzo(a,h)anthracene

26.660min (-0.009) 0.55ng/ul

response 13633

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	22.88
279.00	32.40	28.99
0.00	0.00	0.00

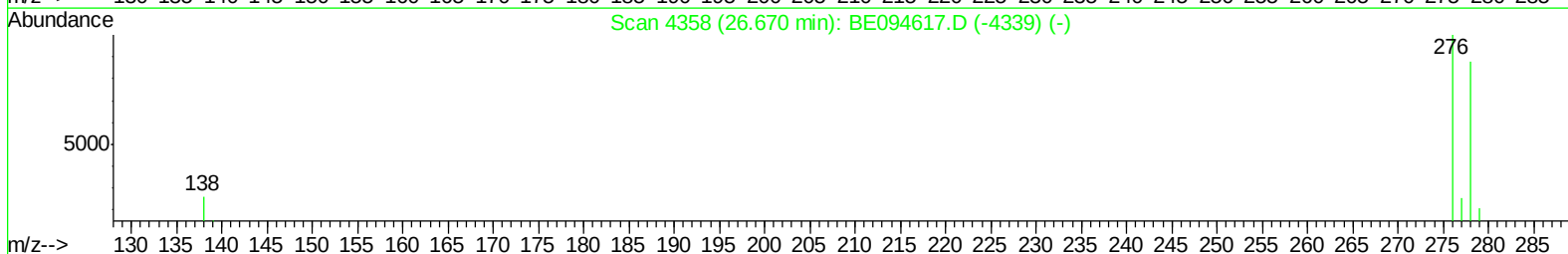
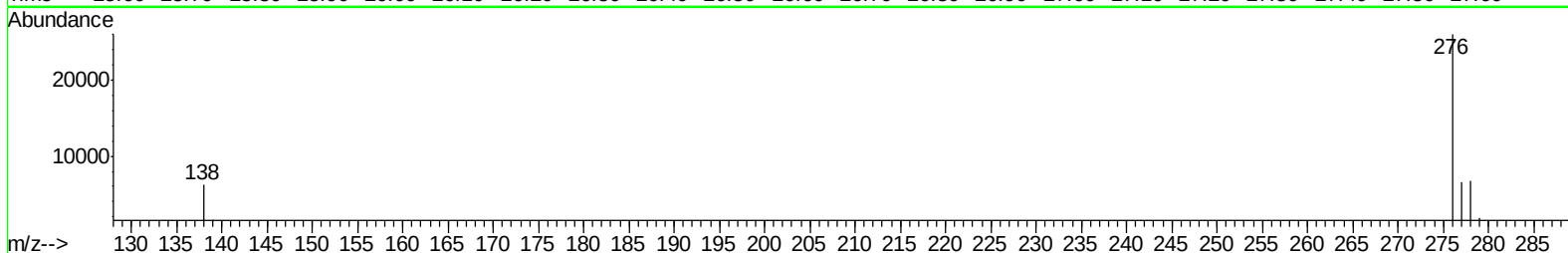
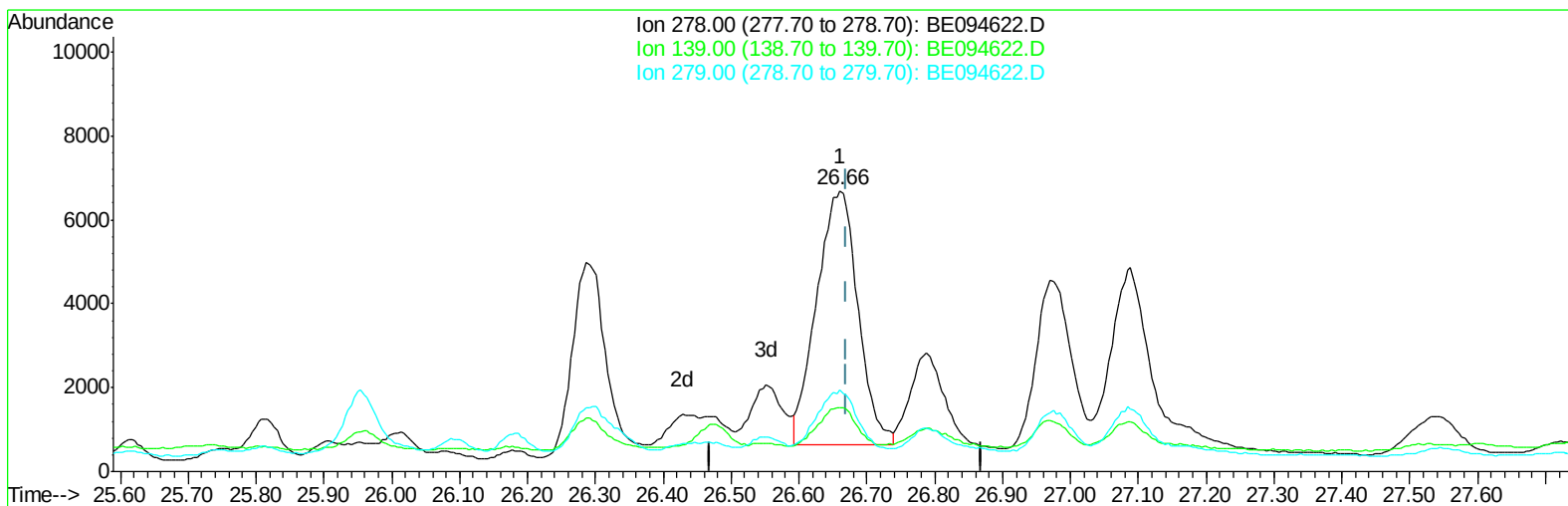
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

(25) Dibenzo(a,h)anthracene

26.660min (-0.009) 1.02ng/ul m

response 25431

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	22.88
279.00	32.40	28.99
0.00	0.00	0.00

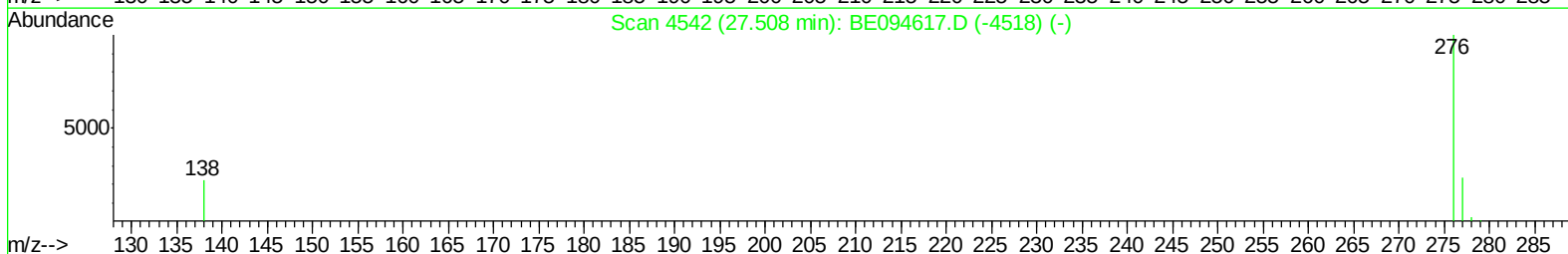
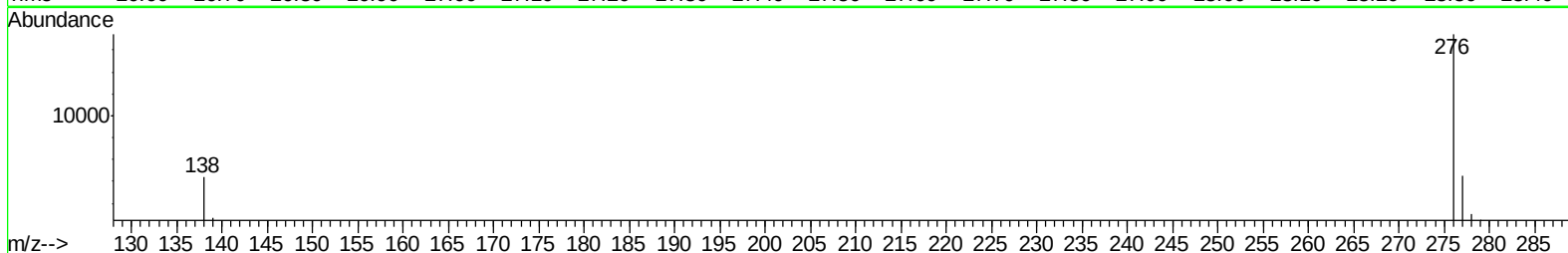
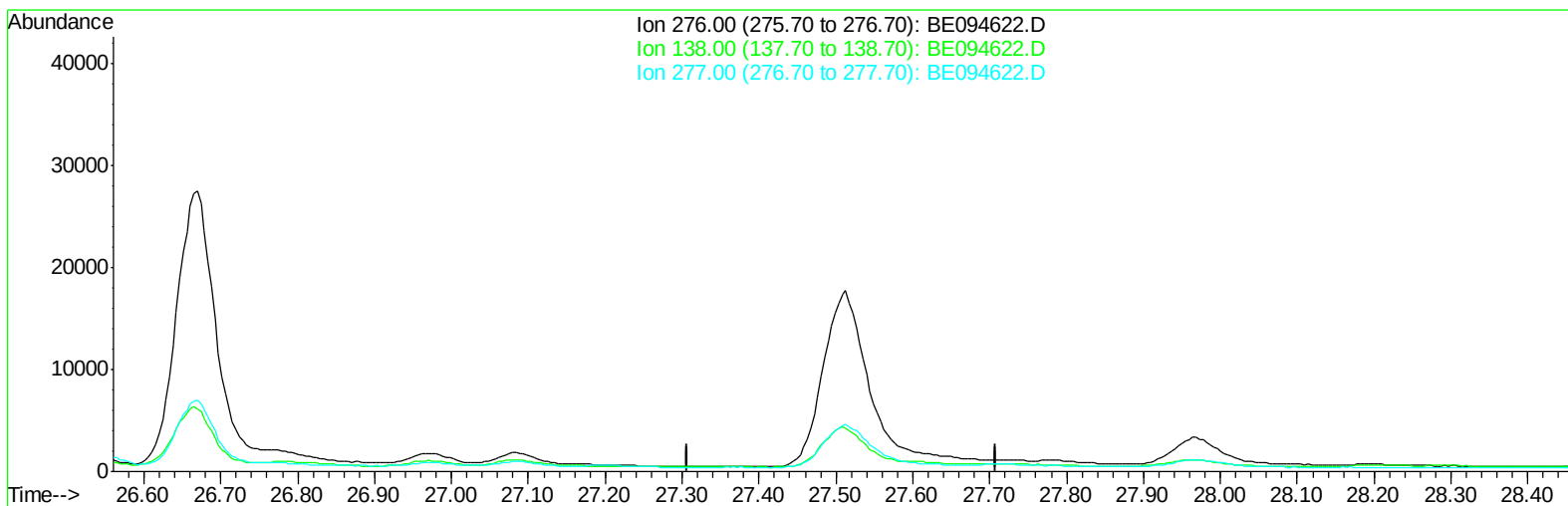
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

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

27.508min (-27.508) 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

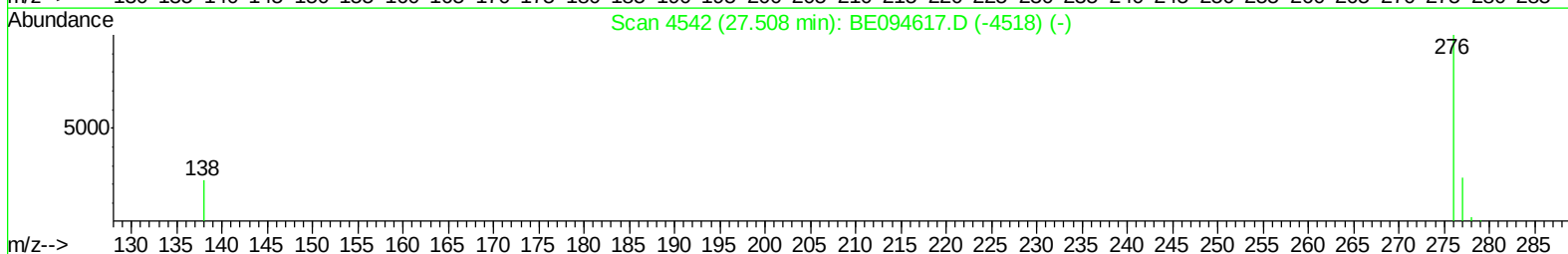
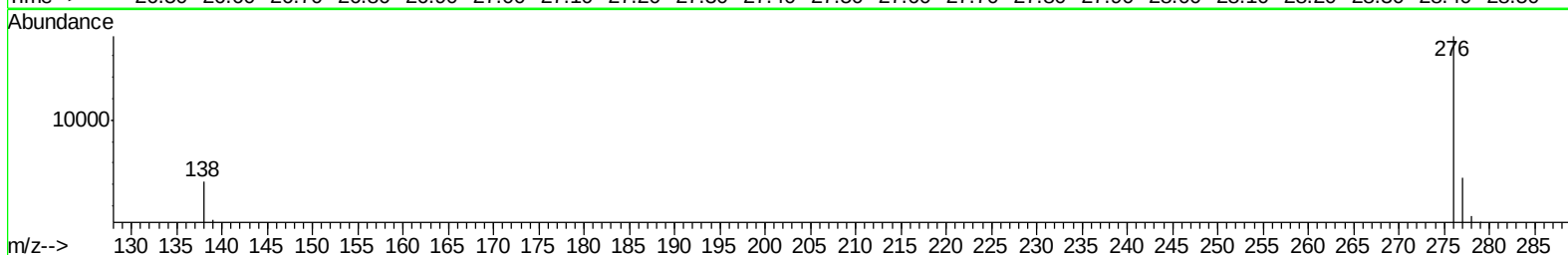
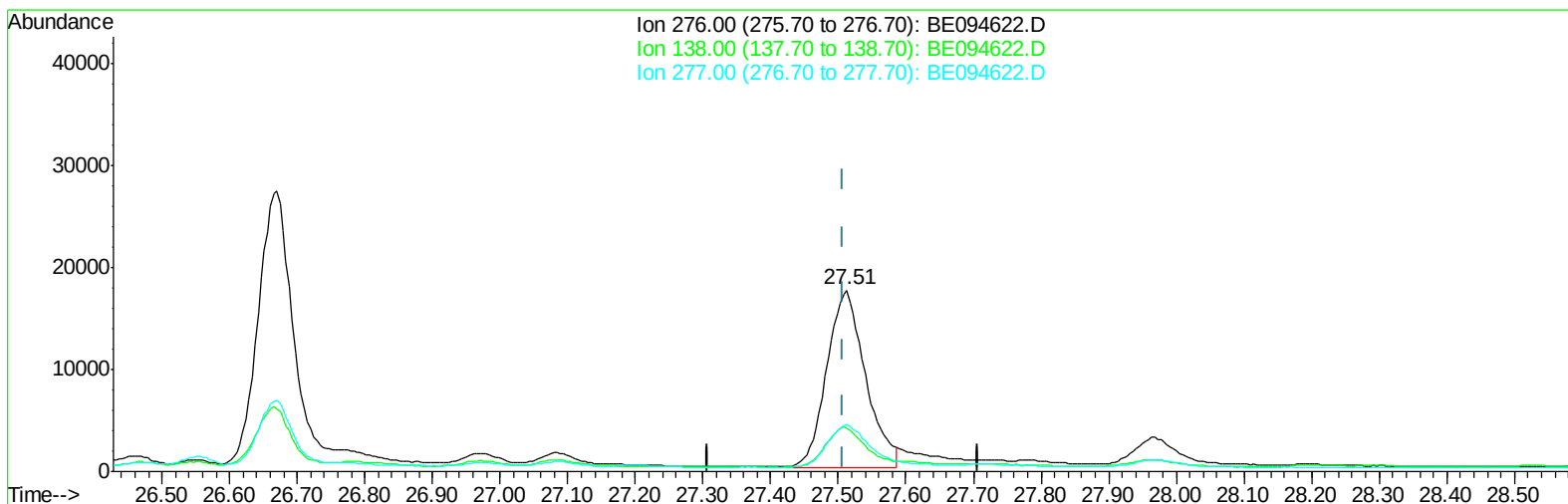
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



TIC: BE094622.D

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

27.513min (+0.005) 2.92ng/ul m

response 69027

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	23.76
277.00	25.60	26.32
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094622.D
 Acq On : 28 Oct 2017 14:42
 Operator : SJ/JU
 Sample : I5842-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:54:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1550	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9093	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5077	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10827	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10990	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10124m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3579	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	8160	0.25	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	1265	0.06	ng/ul#	88
5) 2-Methylnaphthalene	12.35	142	1070	0.07	ng/ul	97
7) Acenaphthylene	14.24	152	909	0.04	ng/ul#	75
8) Acenaphthene	14.57	153	5421	0.33	ng/ul	95
9) Fluorene	15.57	166	4702	0.25	ng/ul	95
12) Phenanthrene	17.29	178	133441	4.67	ng/ul#	90
13) Anthracene	17.38	178	18263	0.65	ng/ul#	90
15) Fluoranthene	19.31	202	381528	11.54	ng/ul	84
17) Pyrene	19.67	202	332639	9.79	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	160813	5.12	ng/ul#	87
19) Chrysene	21.46	228	177889	5.48	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	259903m	9.13	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	76971m	2.52	ng/ul	
23) Benzo(a)pyrene	23.85	252	159720m	5.61	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	93796m	3.18	ng/ul	
25) Dibenzo(a,h)anthracene	26.66	278	25431m	1.02	ng/ul	
26) Benzo(a,h,i)perylene	27.51	276	69027m	2.92	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094622.D
Acq On : 28 Oct 2017 14:42
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:54:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration

