

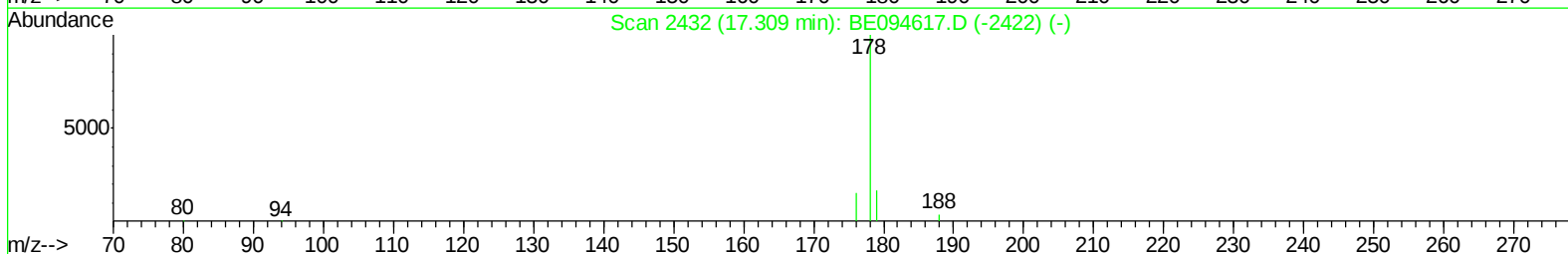
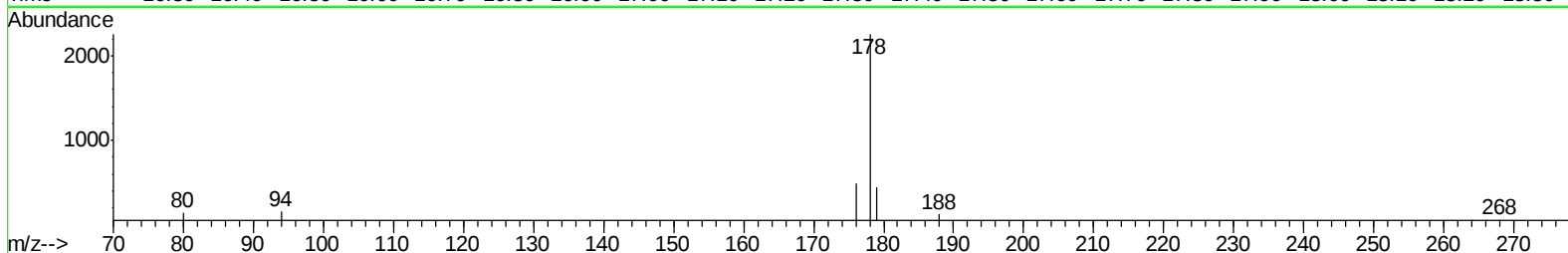
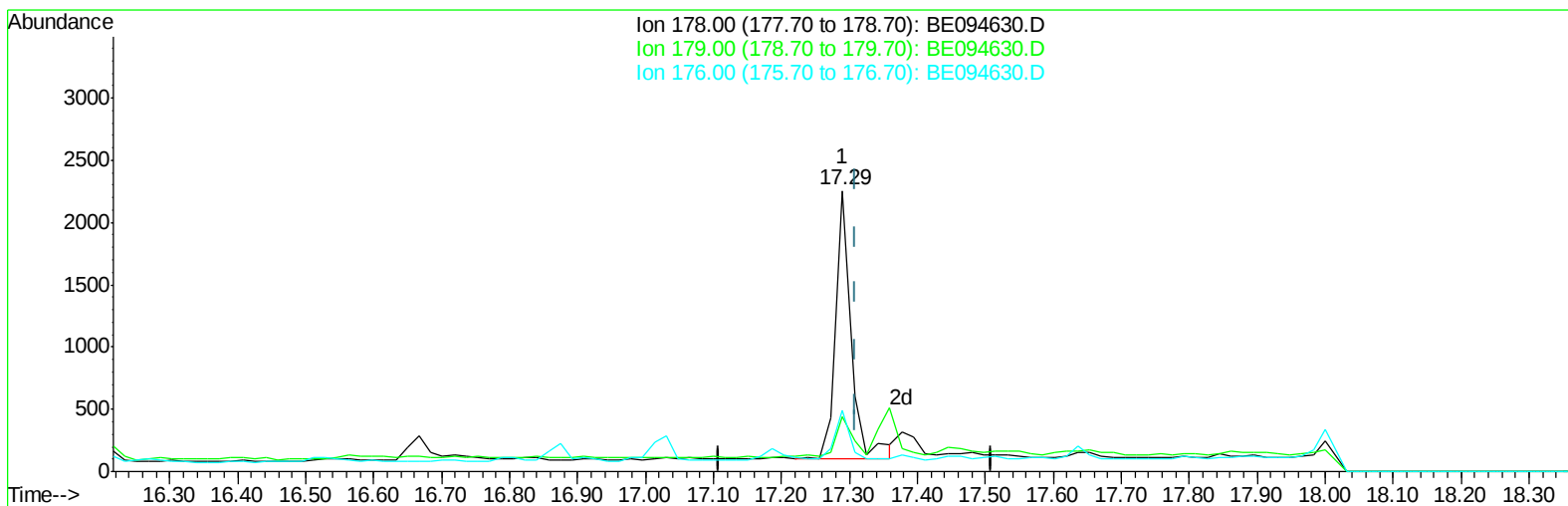
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 02:59:37 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: BE094630.D

(12) Phenanthrene

17.290min (-0.019) 0.10ng/ul

response 3348

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.71
176.00	17.00	21.93#
0.00	0.00	0.00

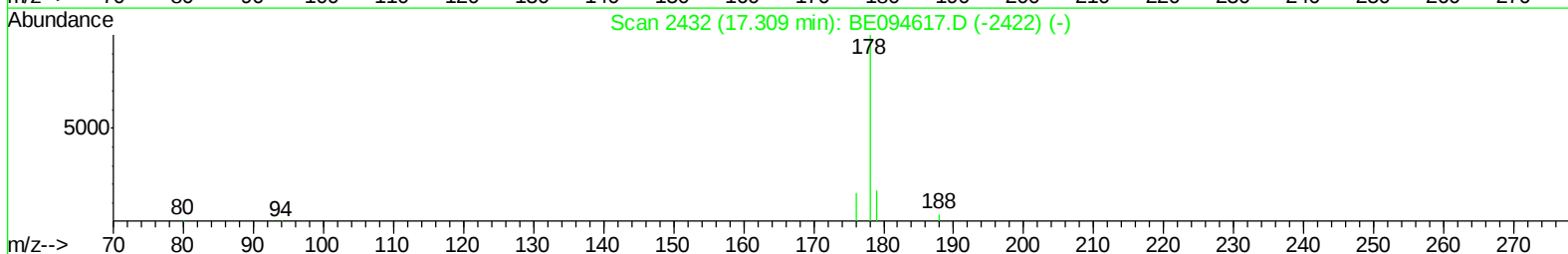
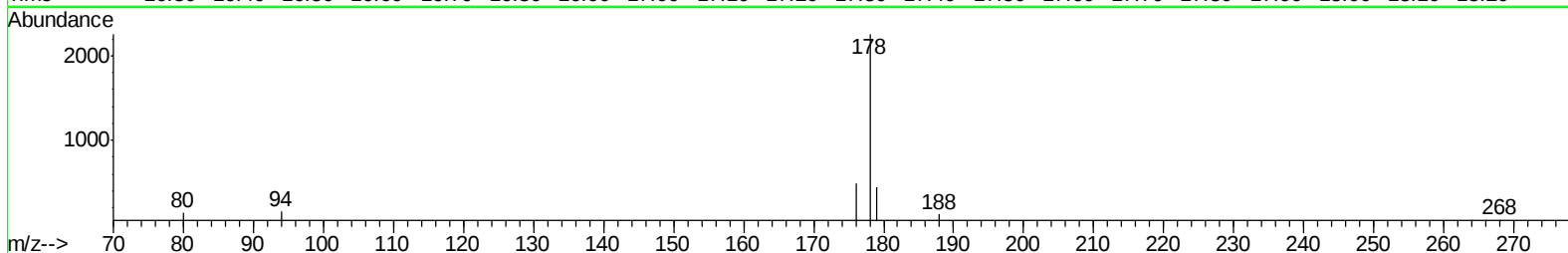
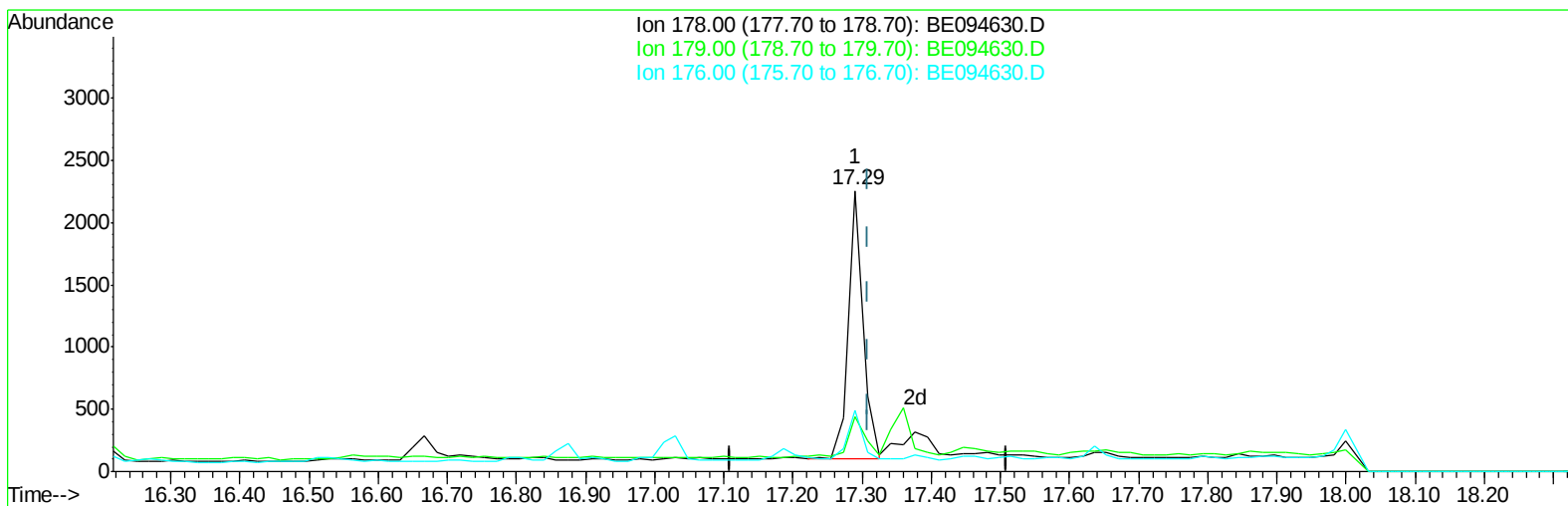
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 02:59:37 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: BE094630.D

(12) Phenanthrene

17.290min (-0.019) 0.10ng/ul m

response 3130

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.71
176.00	17.00	21.93#
0.00	0.00	0.00

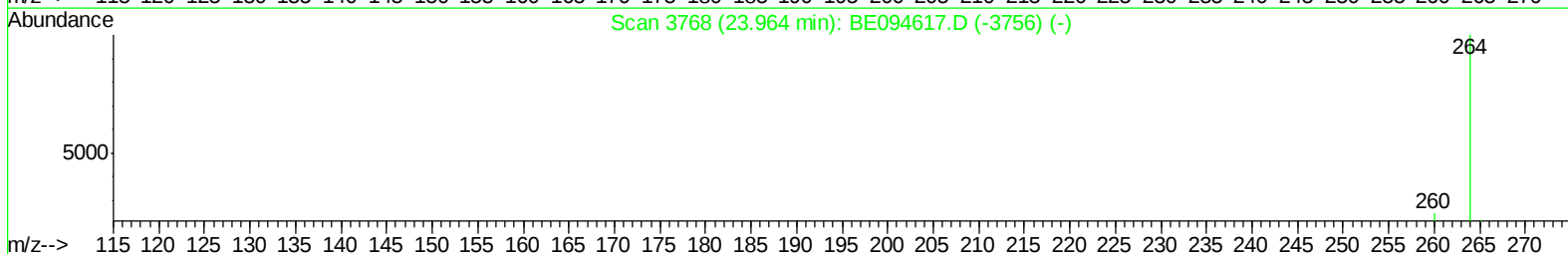
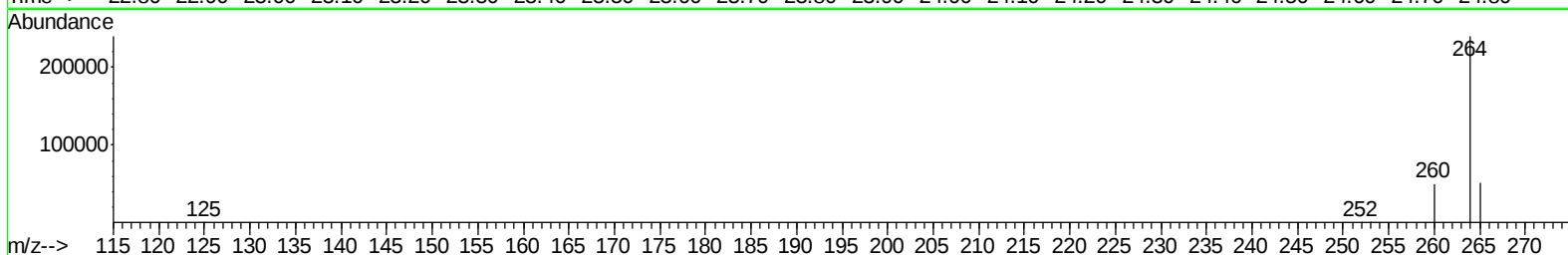
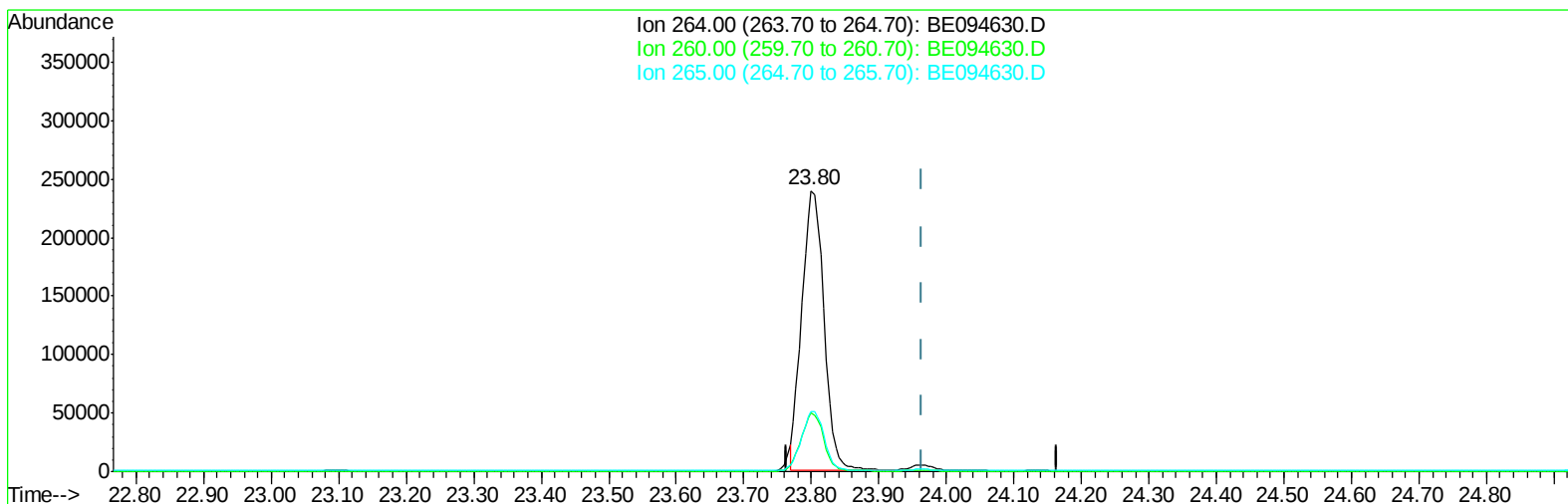
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094630.D
 Acq On : 28 Oct 2017 19:34
 Operator : SJ/JU
 Sample : I5842-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA6

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:15 PM

Quant Time: Oct 30 02:59:37 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: BE094630.D

(20) Perylene-d12 (I)

23.800min (-0.164) 0.40ng/ul

response 548010

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.05#
265.00	103.50	21.27#
0.00	0.00	0.00

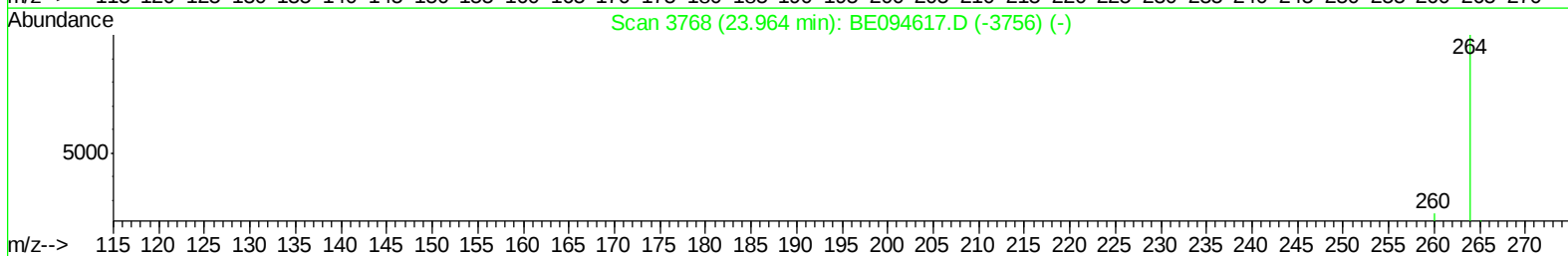
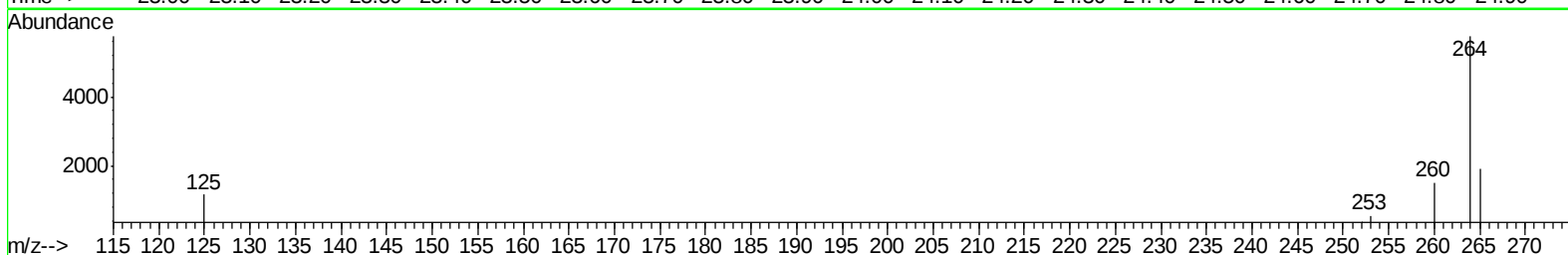
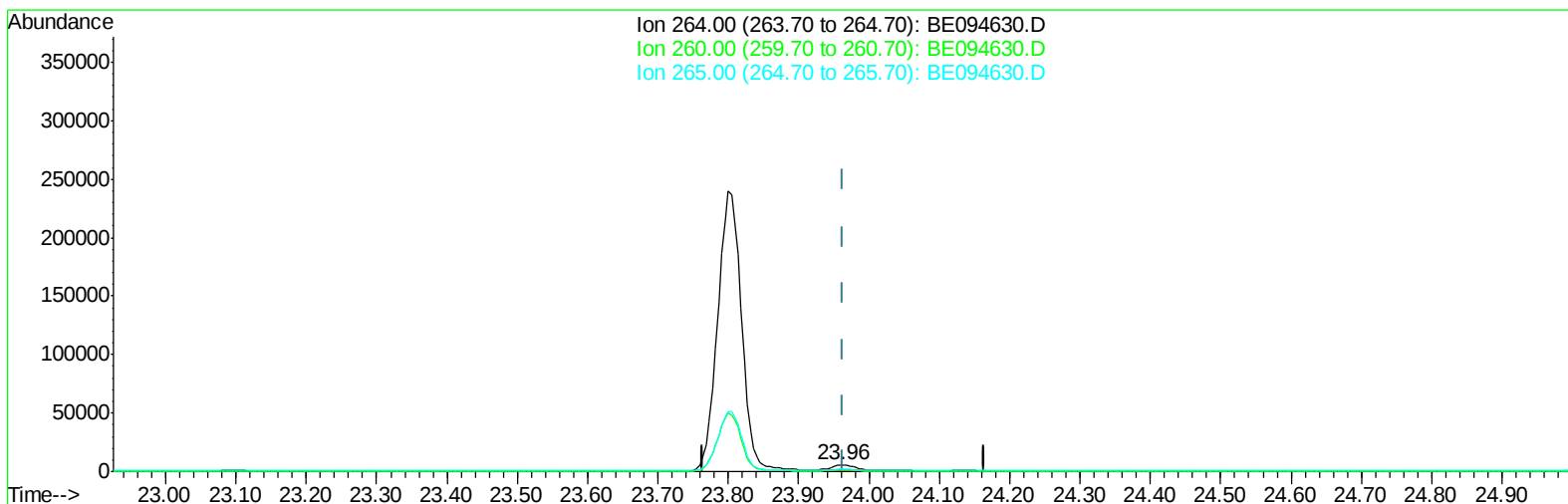
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 02:59:37 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: BE094630.D

(20) Perylene-d12 (I)

23.959min (-0.005) 0.40ng/ul m

response 10635

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.14
265.00	103.50	32.96#
0.00	0.00	0.00

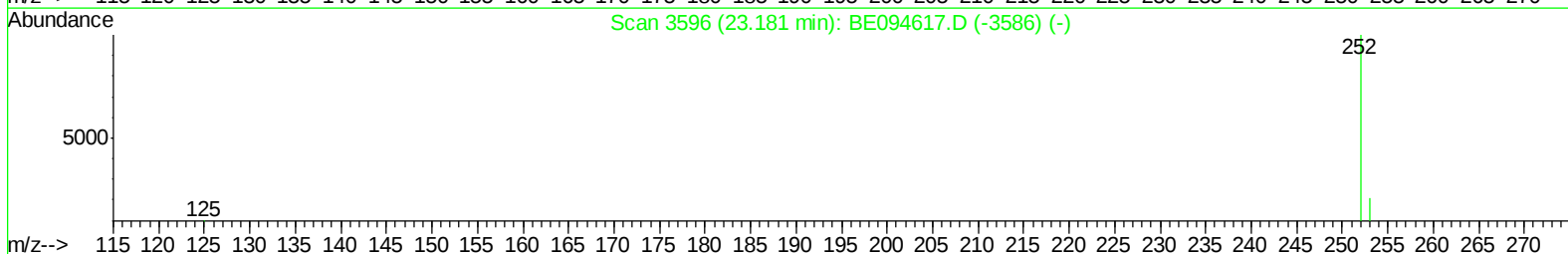
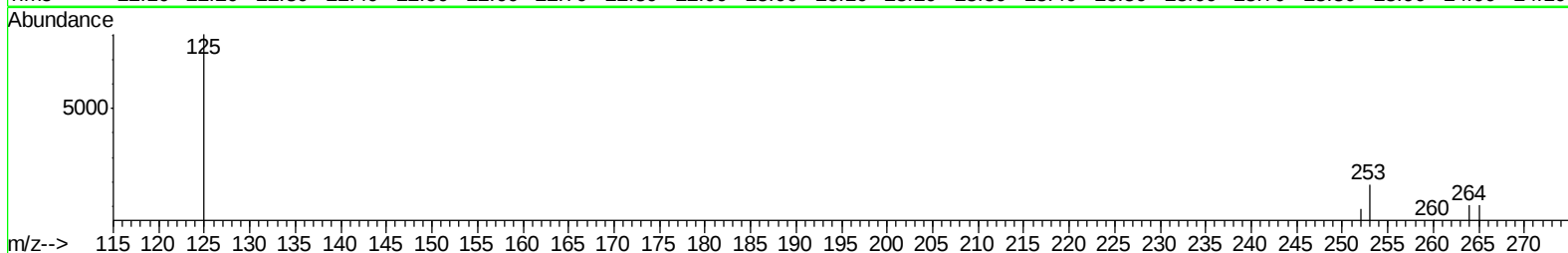
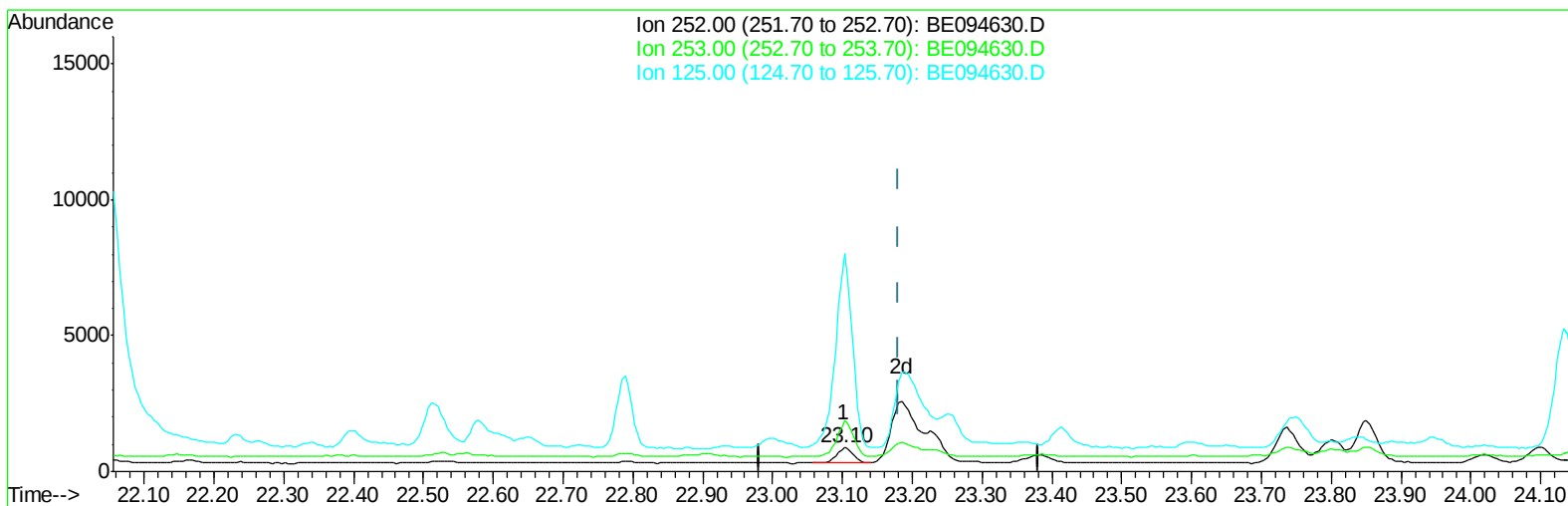
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

(21) Benzo(b)fluoranthene
23.103min (-0.078) 0.03ng/ul
response 950

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	215.01#
125.00	17.50	919.47#
0.00	0.00	0.00

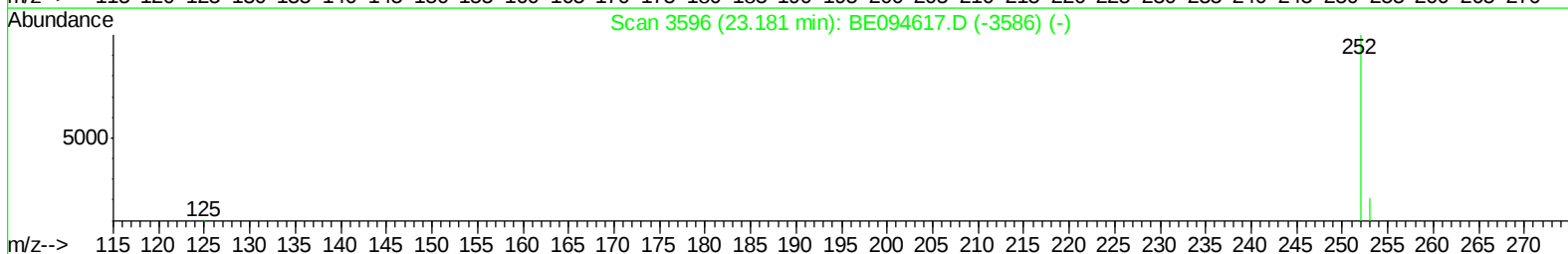
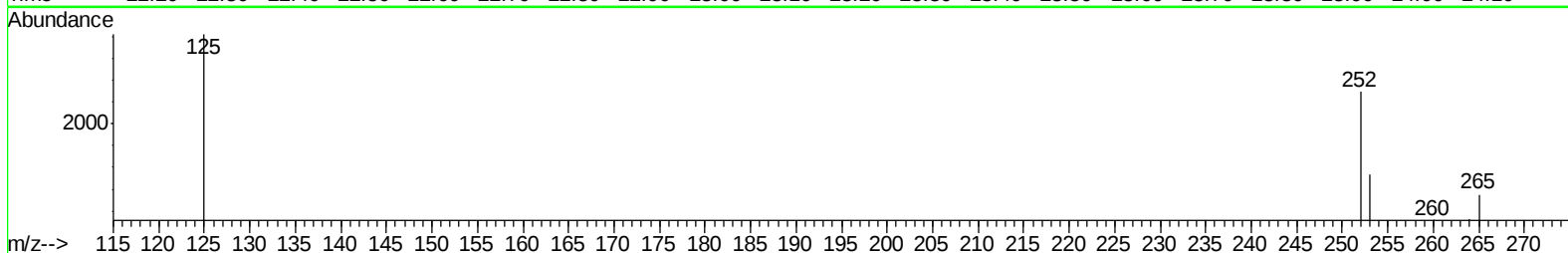
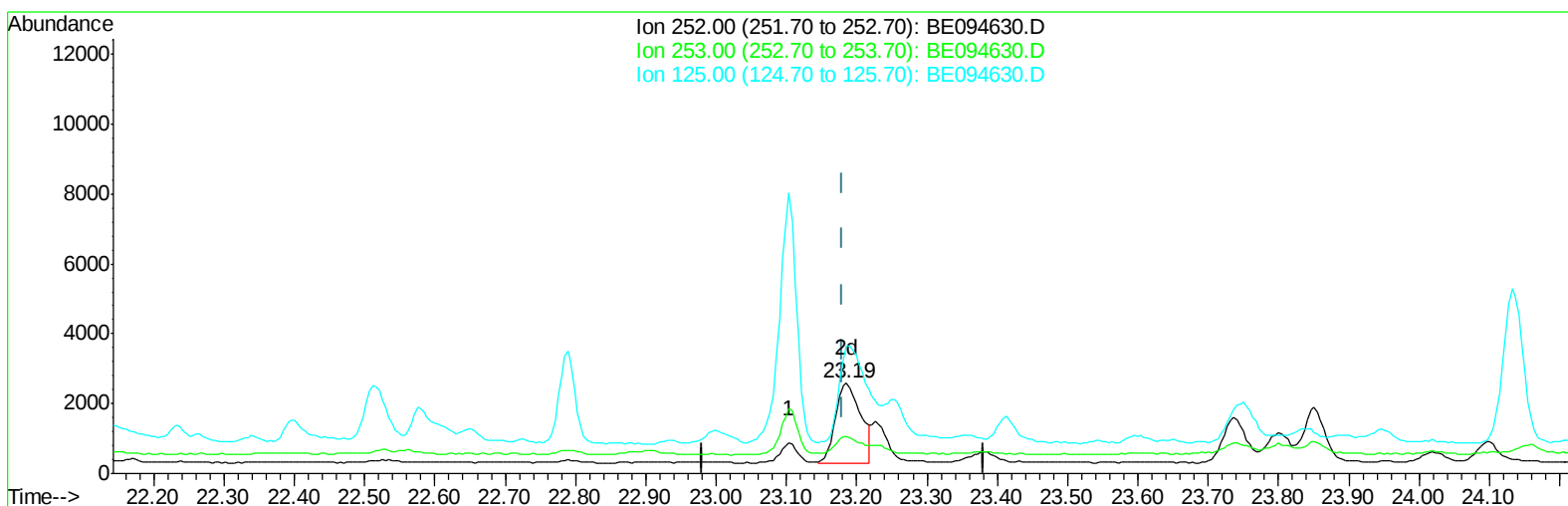
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

(21) Benzo(b)fluoranthene

23.185min (+0.004) 0.19ng/ul m

response 5711

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	41.38
125.00	17.50	141.04#
0.00	0.00	0.00

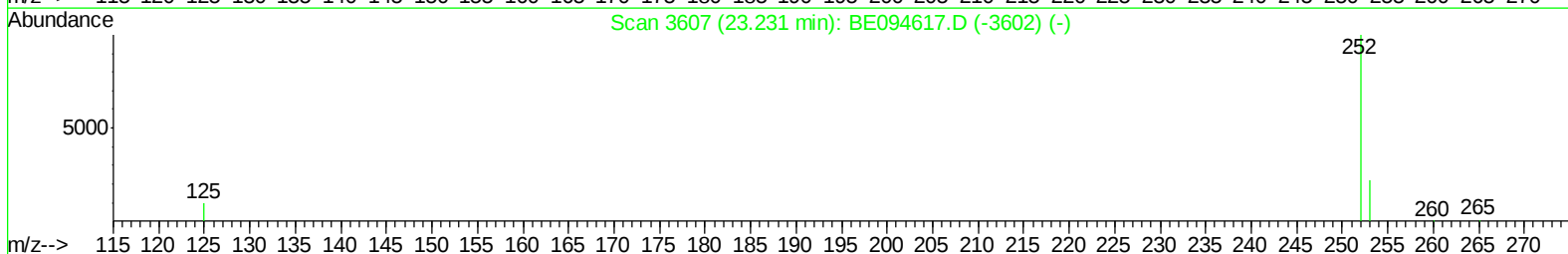
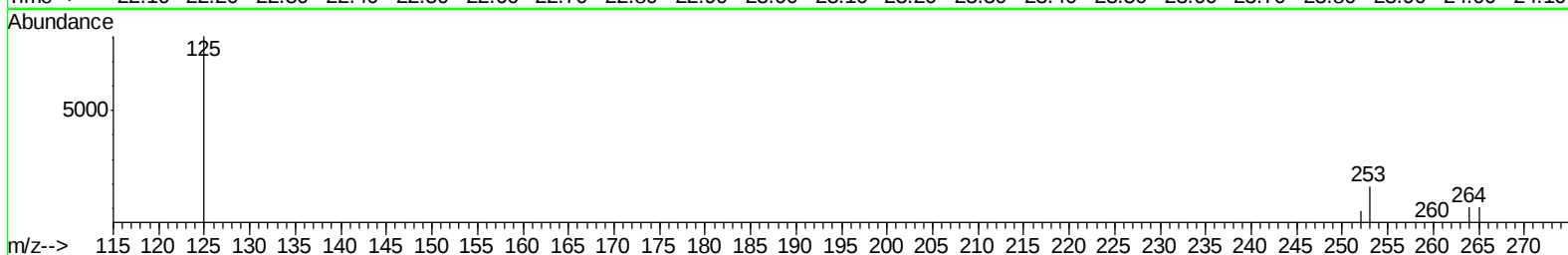
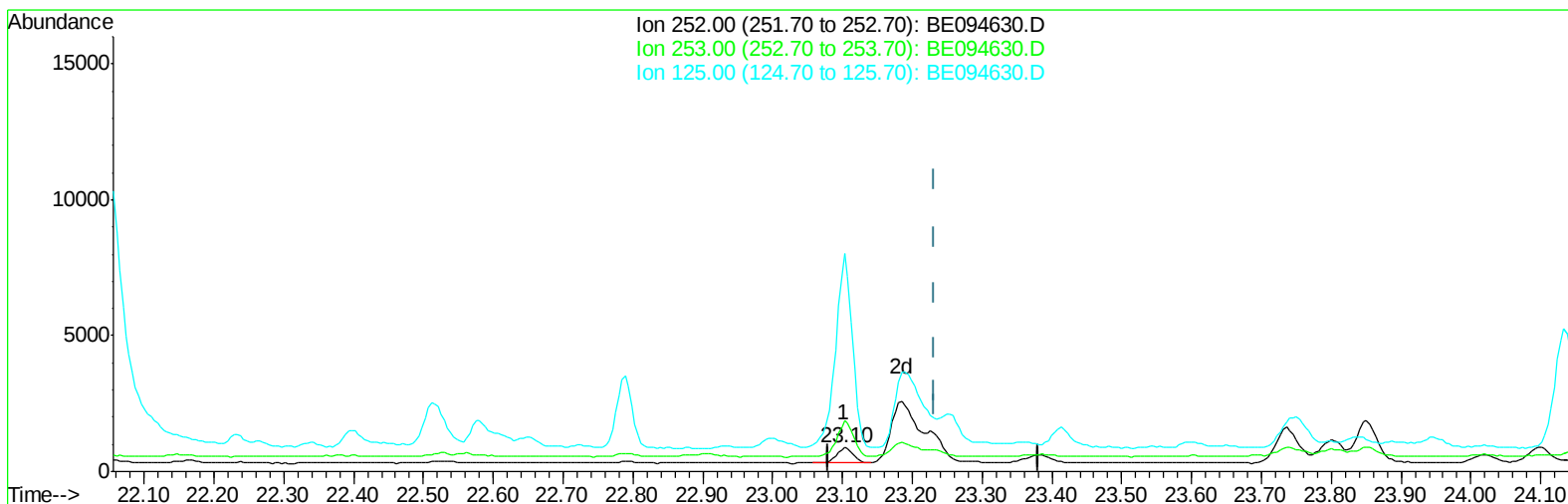
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

(22) Benzo(k)fluoranthene
23.103min (-0.128) 0.03ng/ul
response 950

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	215.01#
125.00	17.10	919.47#
0.00	0.00	0.00

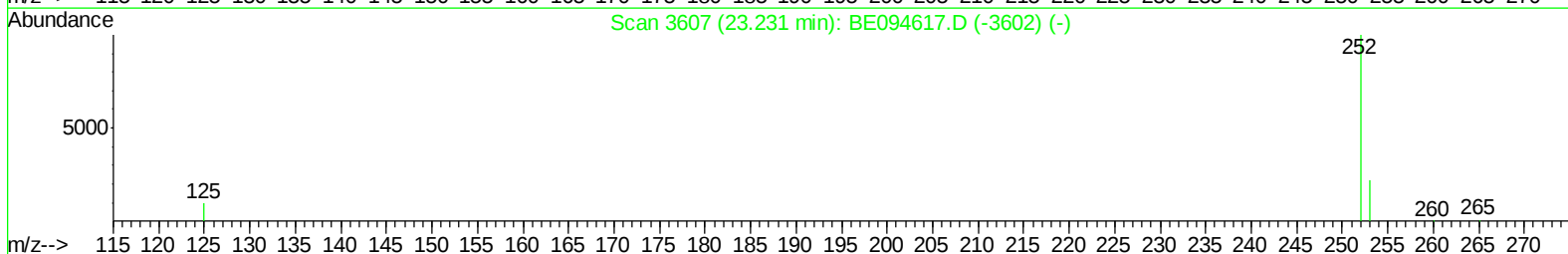
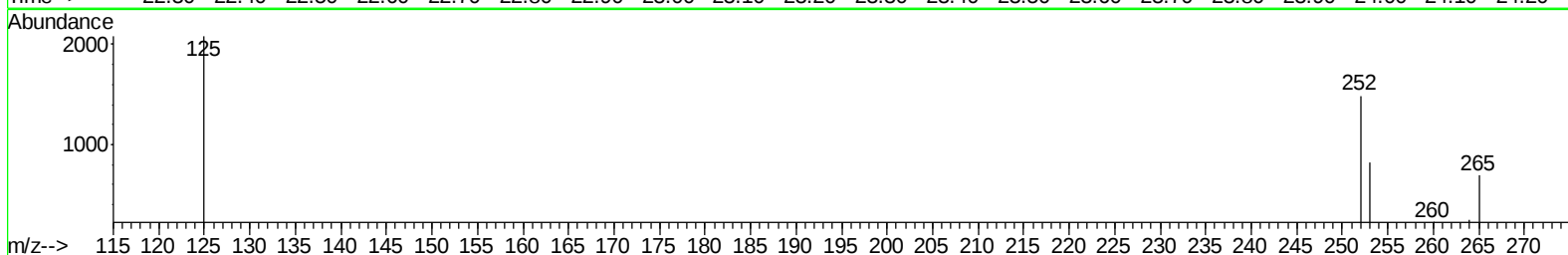
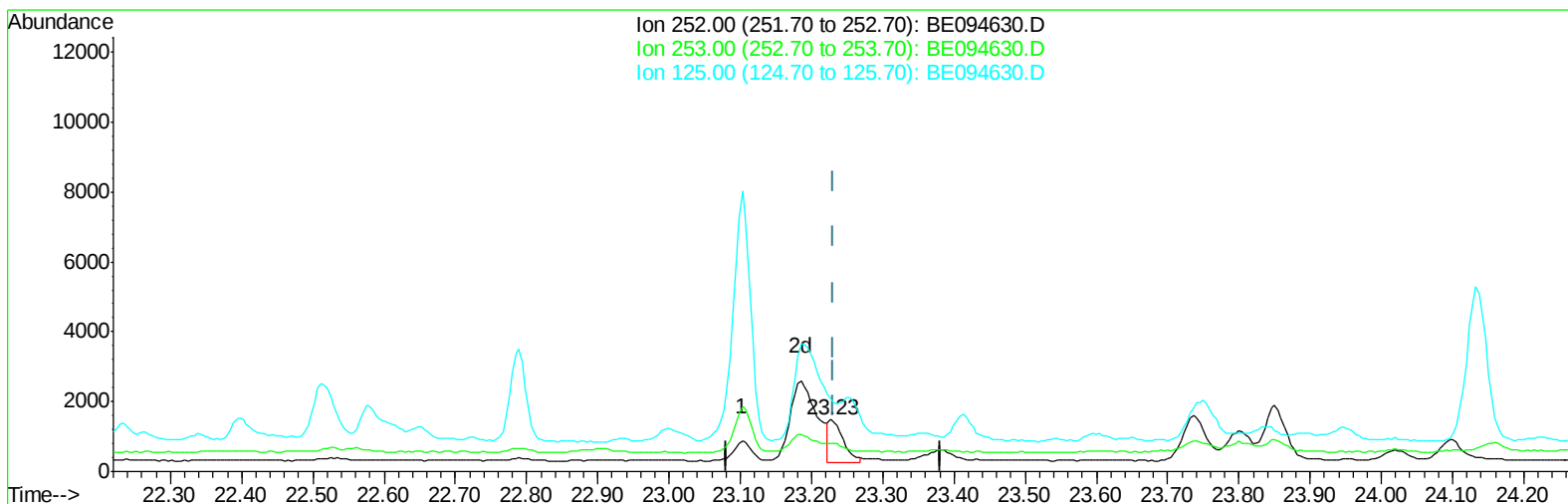
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

(22) Benzo(k)fluoranthene

23.226min (-0.005) 0.05ng/ul m

response 1721

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	54.96#
125.00	17.10	140.39#
0.00	0.00	0.00

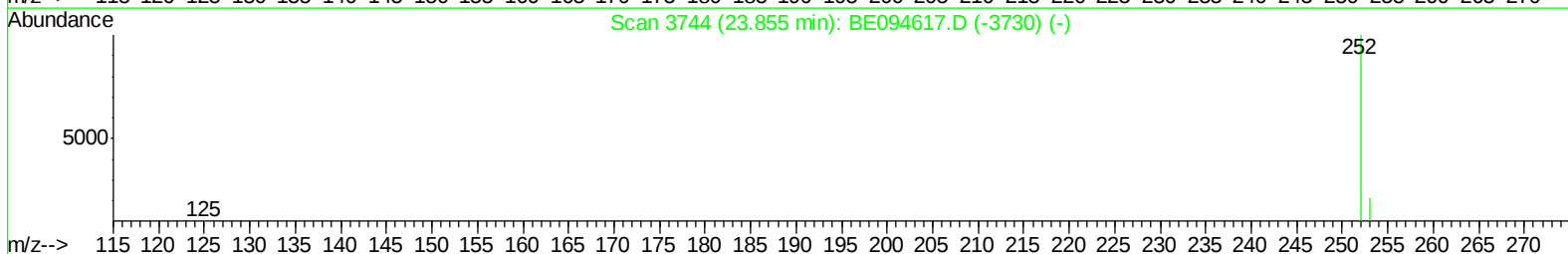
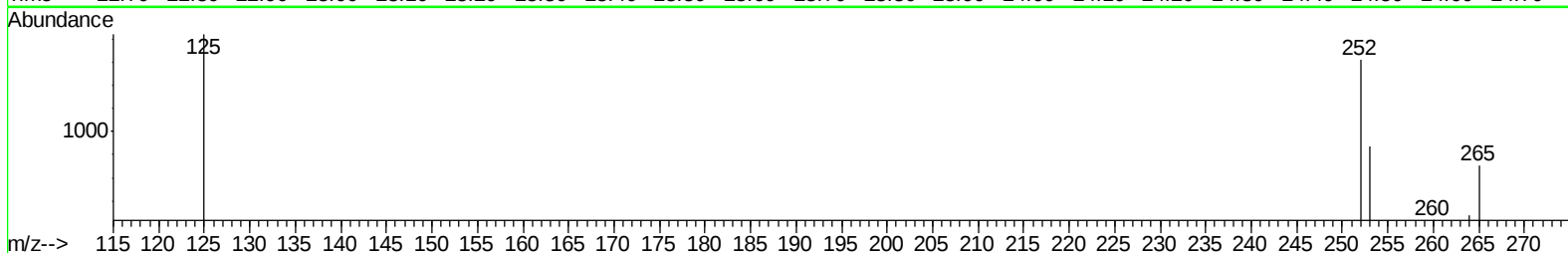
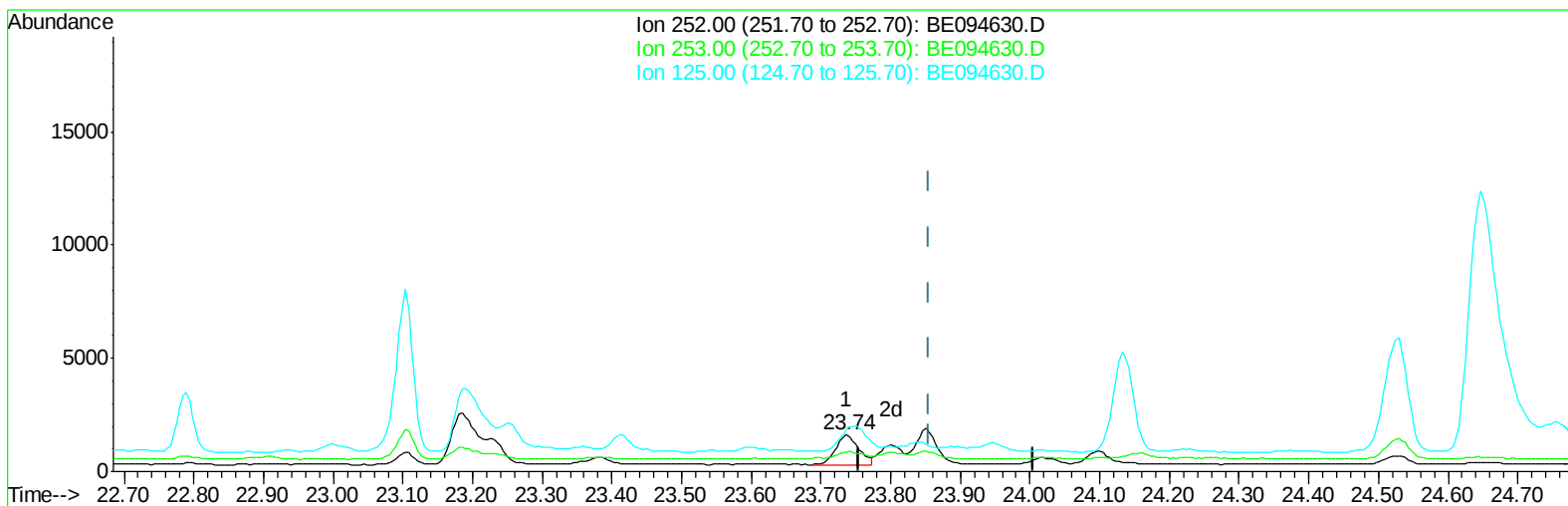
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

(23) Benzo(a)pyrene (C)

23.736min (-0.119) 0.10ng/ul

response 3044

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	53.67#
125.00	22.60	113.70#
0.00	0.00	0.00

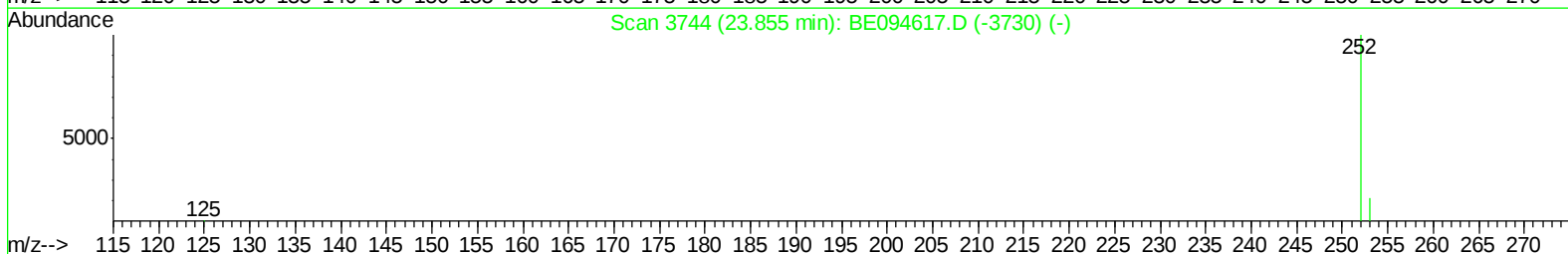
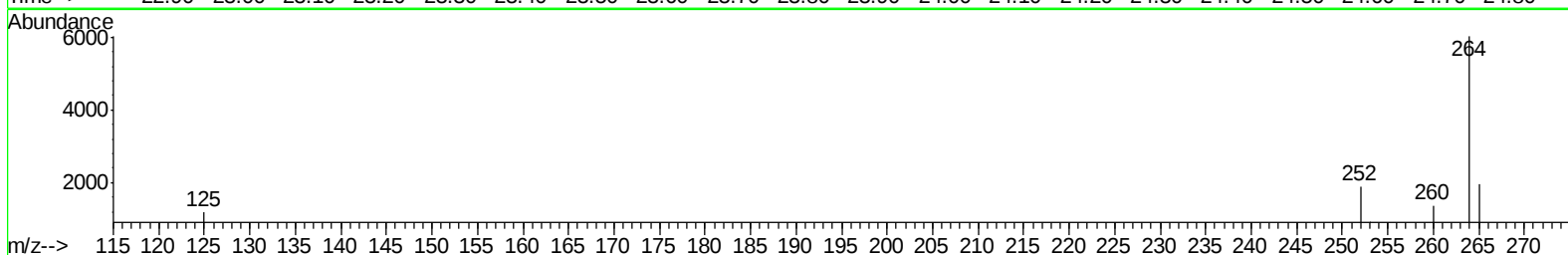
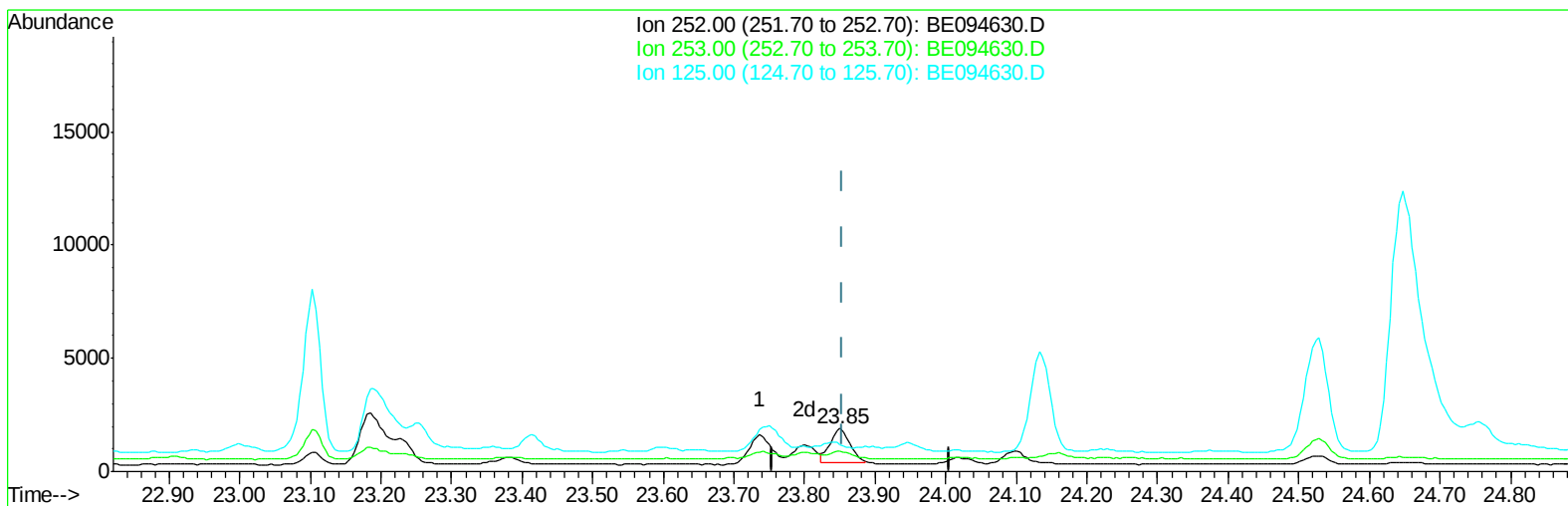
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

(23) Benzo(a)pyrene (C)

23.850min (-0.005) 0.10ng/ul m

response 2912

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	47.65#
125.00	22.60	62.65#
0.00	0.00	0.00

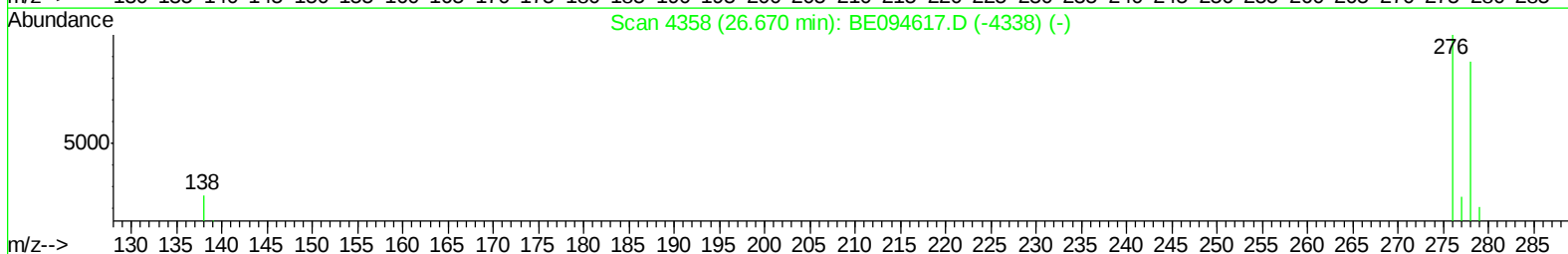
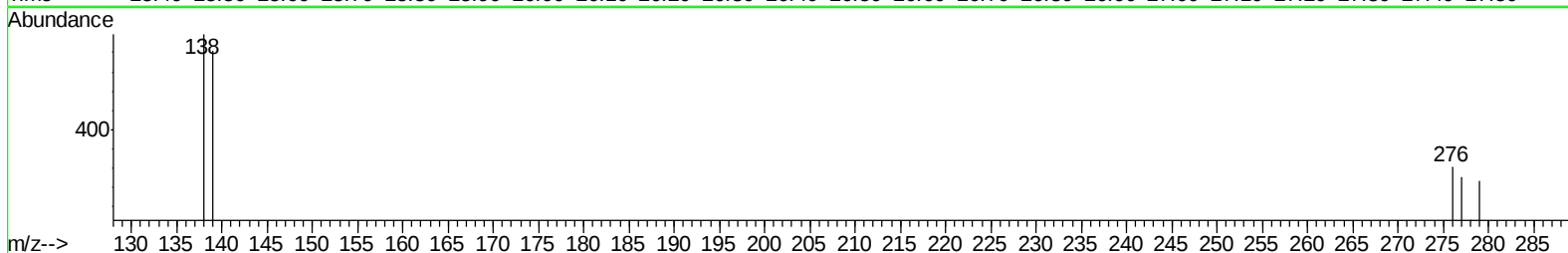
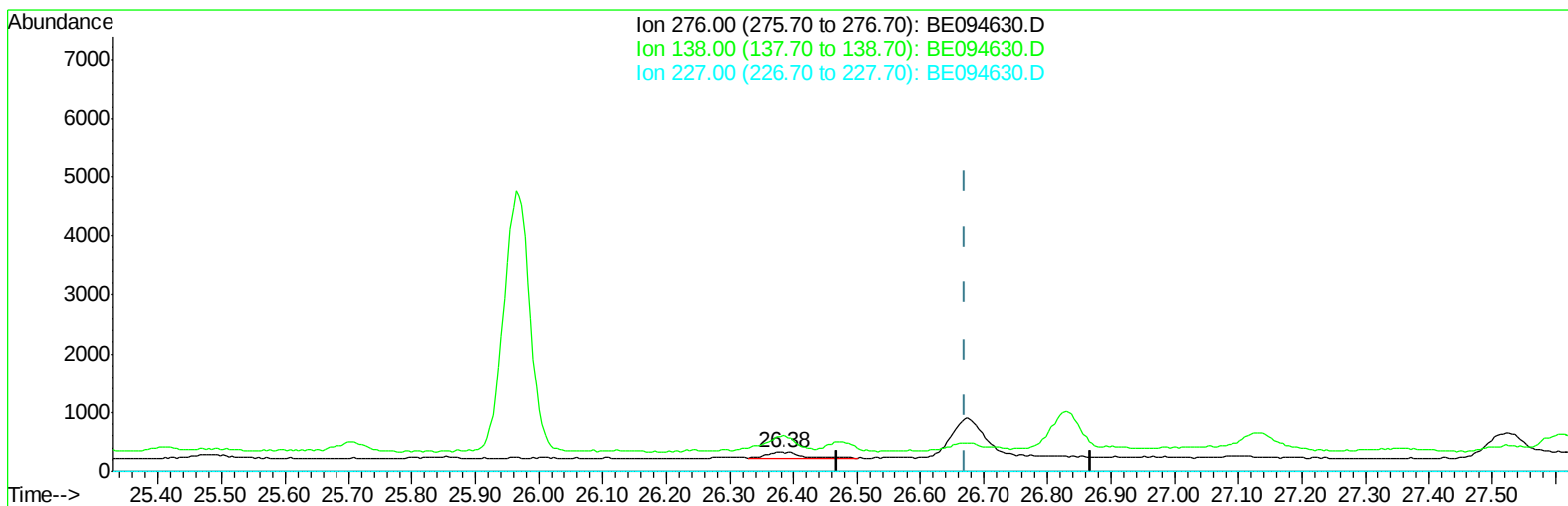
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

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

26.382min (-0.287) 0.01ng/ul

response 407

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	216.95#
227.00	10.00	0.00#
0.00	0.00	0.00

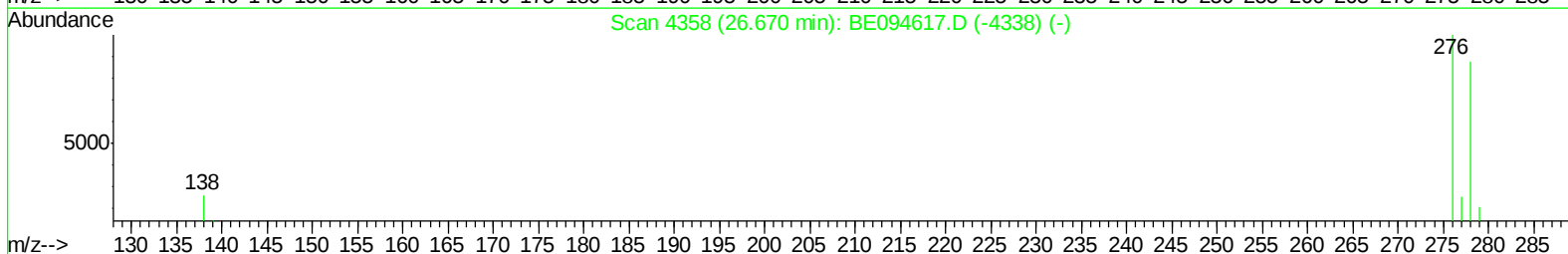
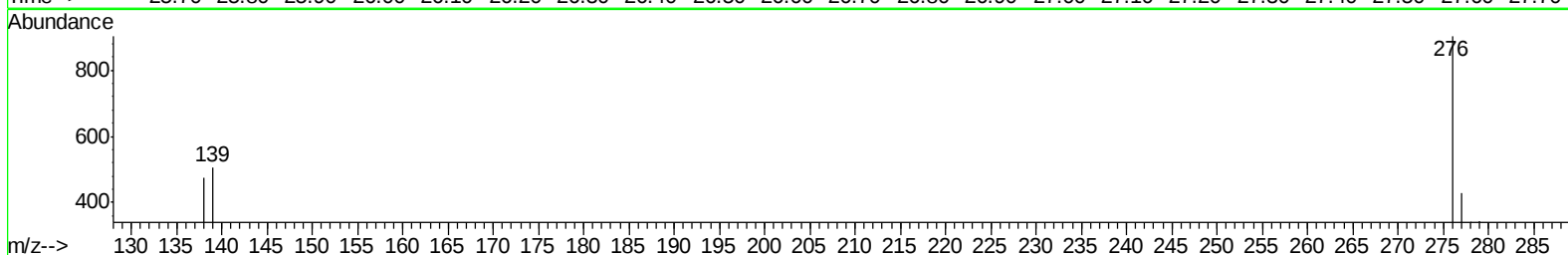
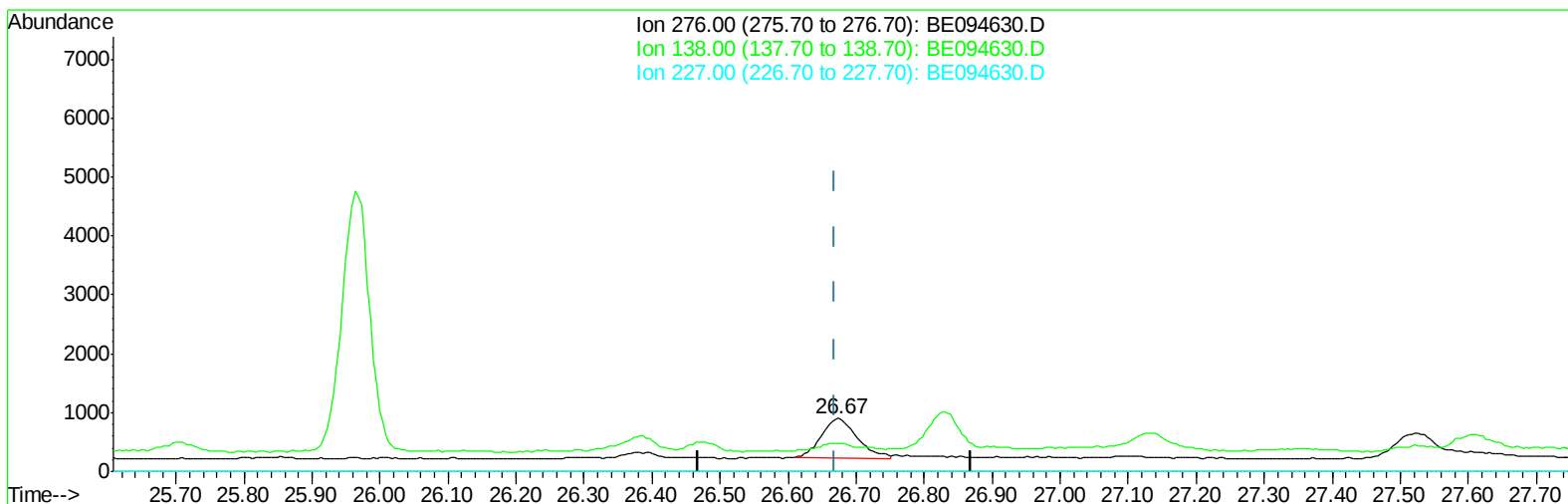
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

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

26.674min (+0.005) 0.08ng/ul m

response 2485

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	35.53
227.00	10.00	0.00#
0.00	0.00	0.00

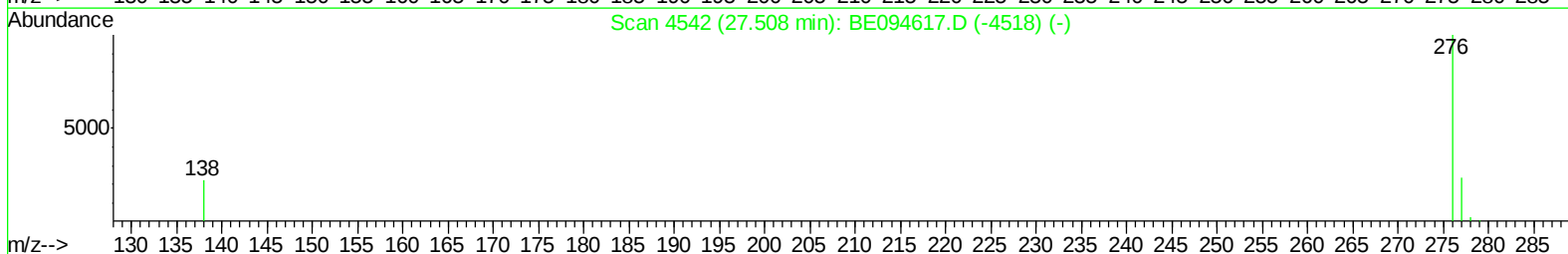
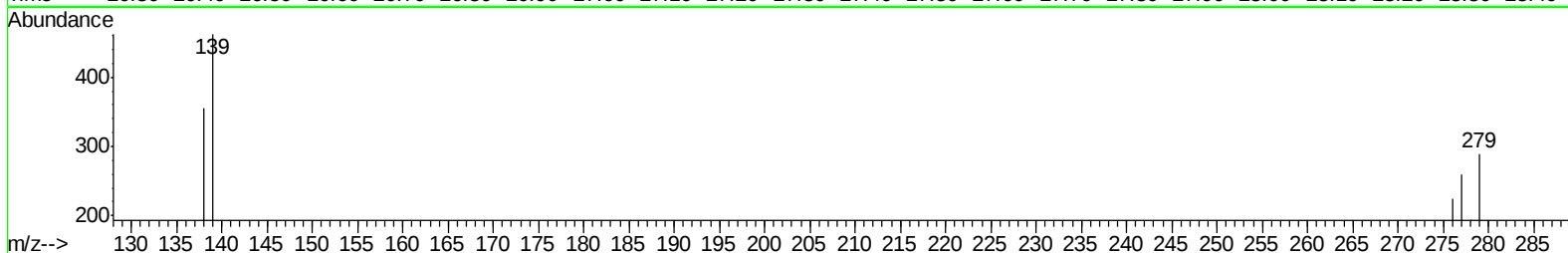
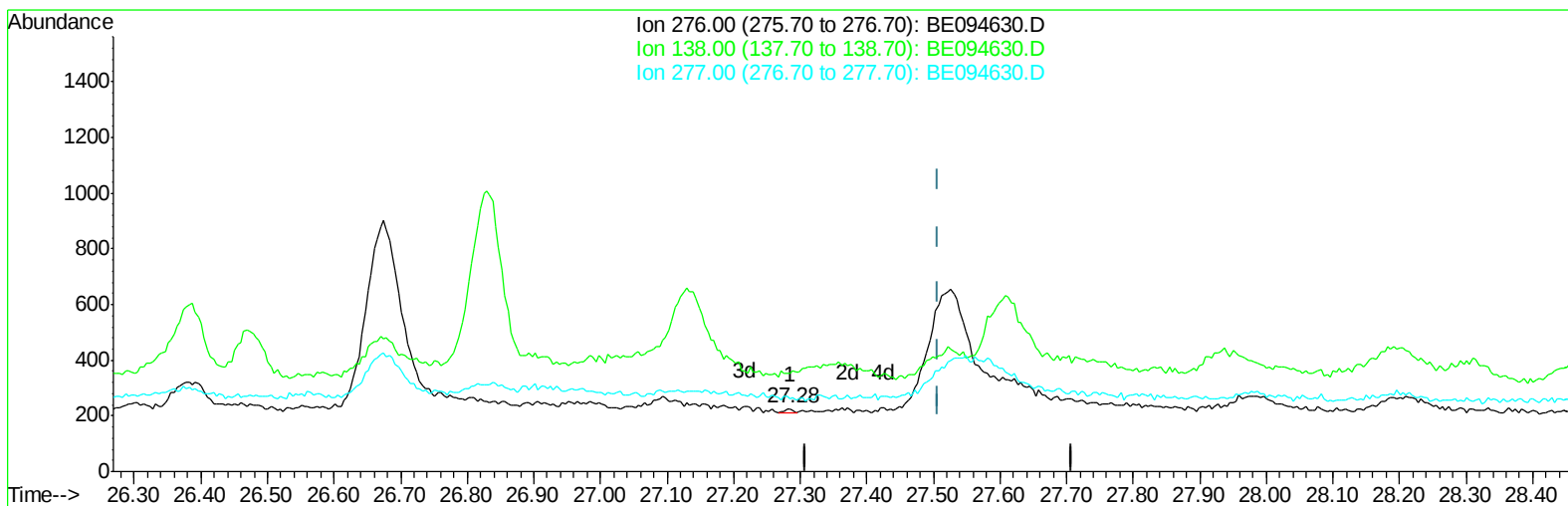
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

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

27.285min (-0.223) 0.00ng/ul

response 14

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	157.78#
277.00	25.60	115.56#
0.00	0.00	0.00

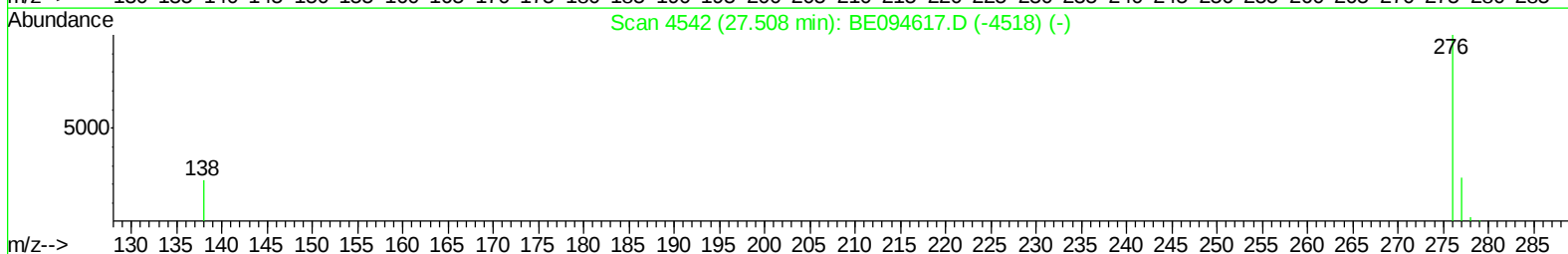
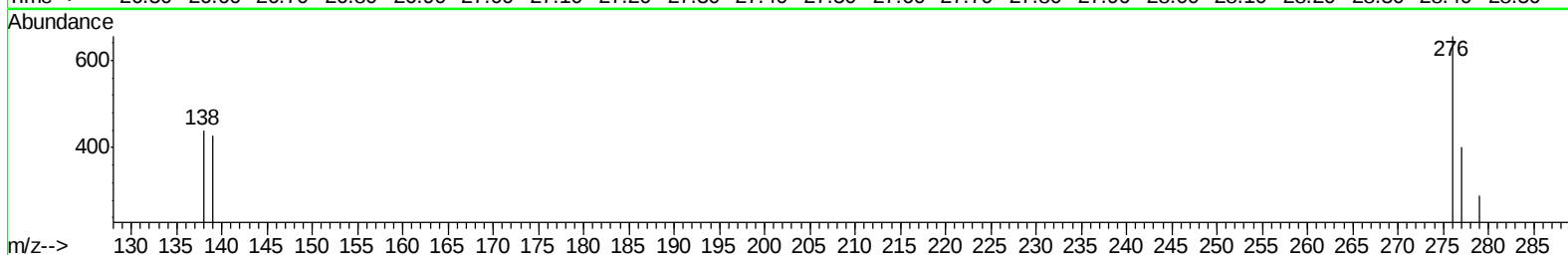
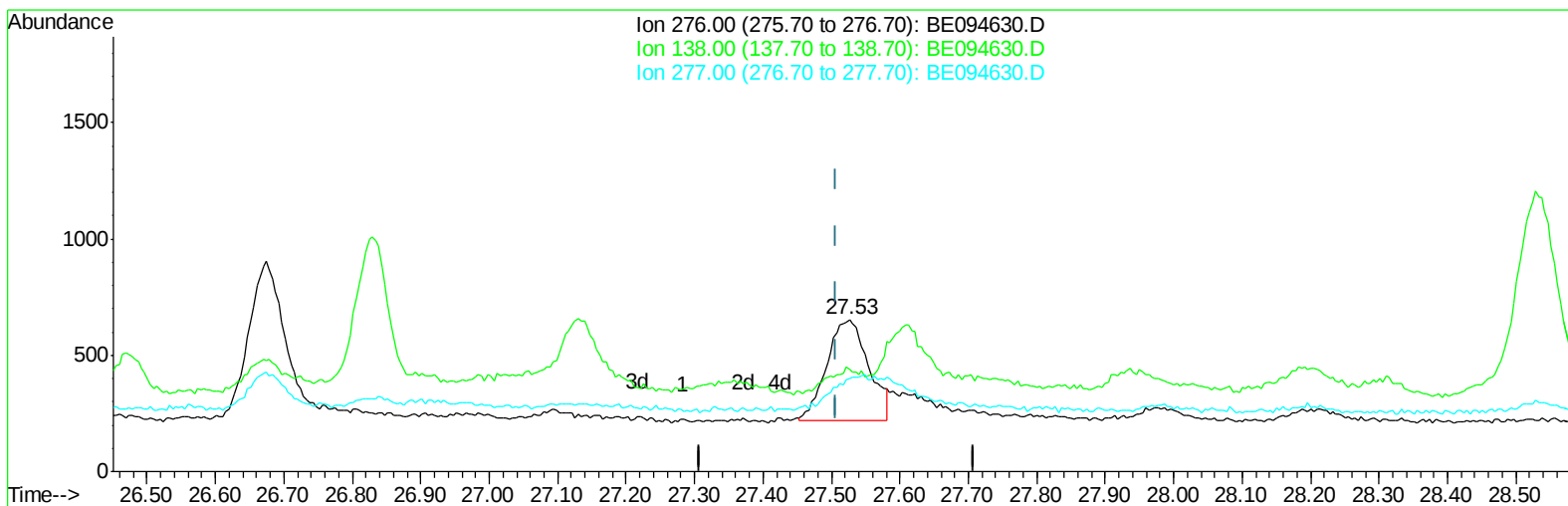
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:20:27 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: BE094630.D

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

27.526min (+0.018) 0.07ng/ul m

response 1851

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	67.18#
277.00	25.60	61.07#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094630.D
 Acq On : 28 Oct 2017 19:34
 Operator : SJ/JU
 Sample : I5842-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA6

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:24:02 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	1773	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	10276	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5736	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12261	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12861	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10635m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3294	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	8600	0.24	ng/ul	0.00
Target Compounds						Ovalue
5) 2-Methylnaphthalene	12.34	142	378	0.02	ng/ul	99
12) Phenanthrene	17.29	178	3130m	0.10	ng/ul	
13) Anthracene	17.29	178	3348	0.10	ng/ul	93
15) Fluoranthene	19.31	202	6906	0.18	ng/ul	83
17) Pyrene	19.67	202	7296	0.18	ng/ul#	88
18) Benzo(a)anthracene	21.41	228	2997	0.08	ng/ul#	77
19) Chrysene	21.46	228	4264	0.11	ng/ul#	80
21) Benzo(b)fluoranthene	23.19	252	5711m	0.19	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	1721m	0.05	ng/ul	
23) Benzo(a)pyrene	23.85	252	2912m	0.10	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	2485m	0.08	ng/ul	
26) Benzo(g,h,i)perylene	27.53	276	1851m	0.07	ng/ul	

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

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Manual Integrations
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