

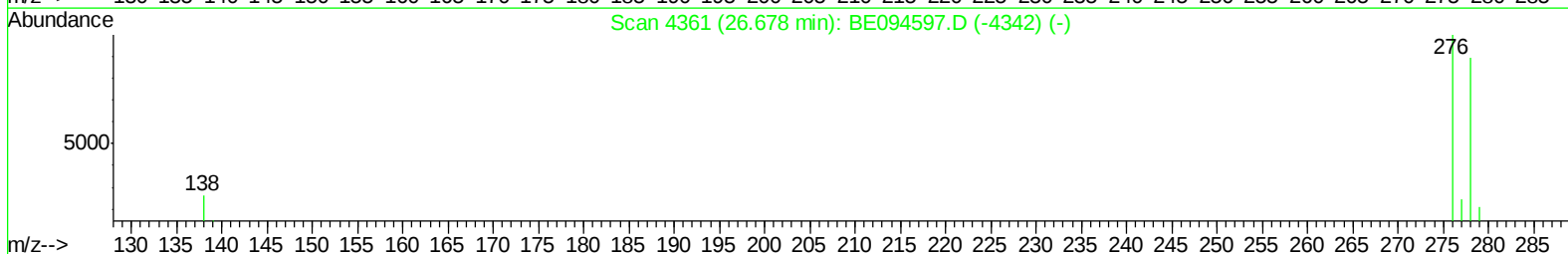
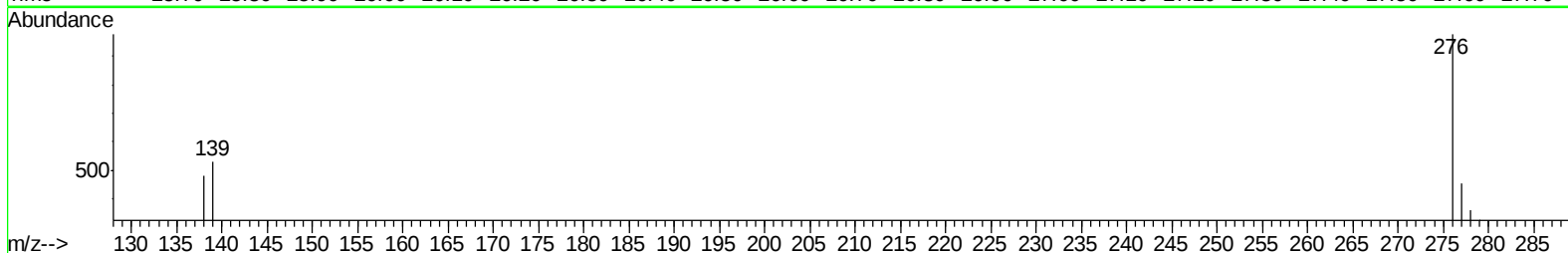
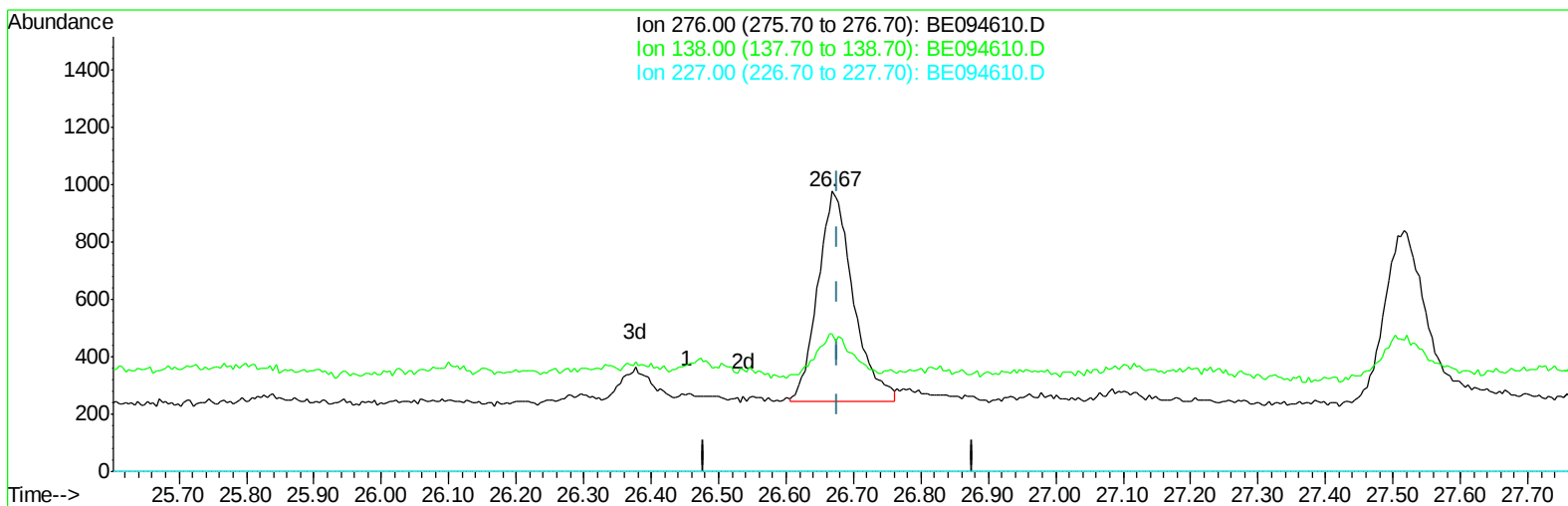
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

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

26.669min (-0.009) 0.10ng/ul m

response 2665

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	4.09#
227.00	10.00	0.00#
0.00	0.00	0.00

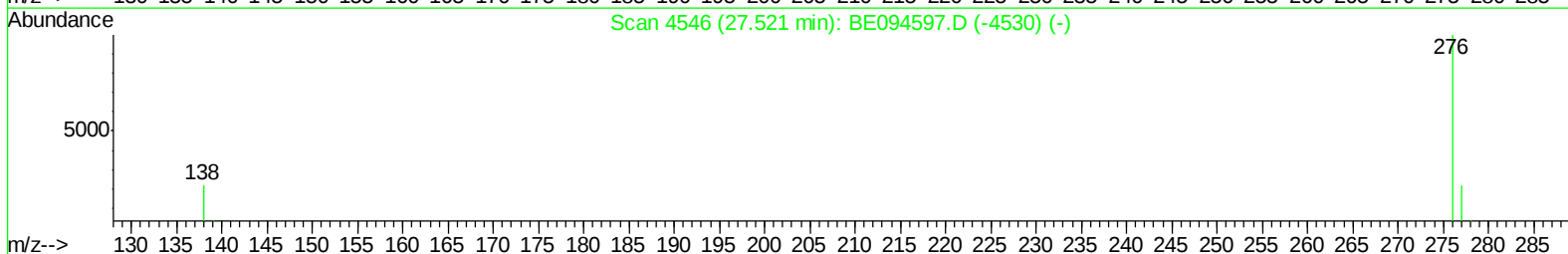
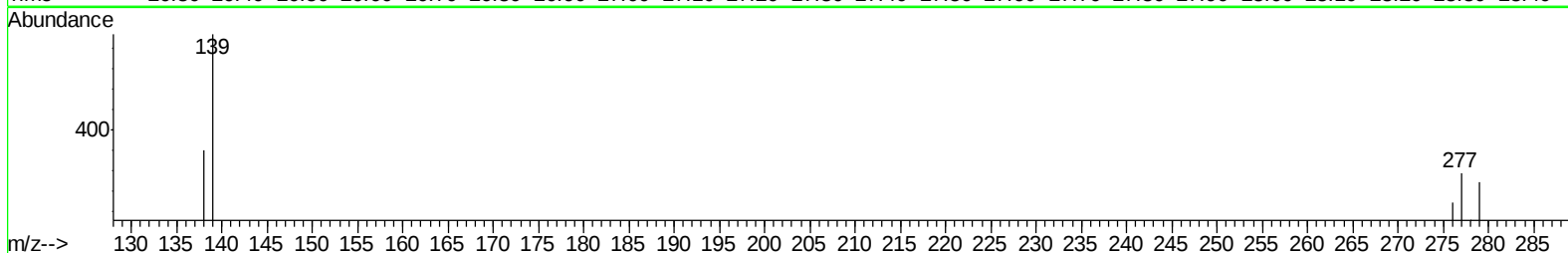
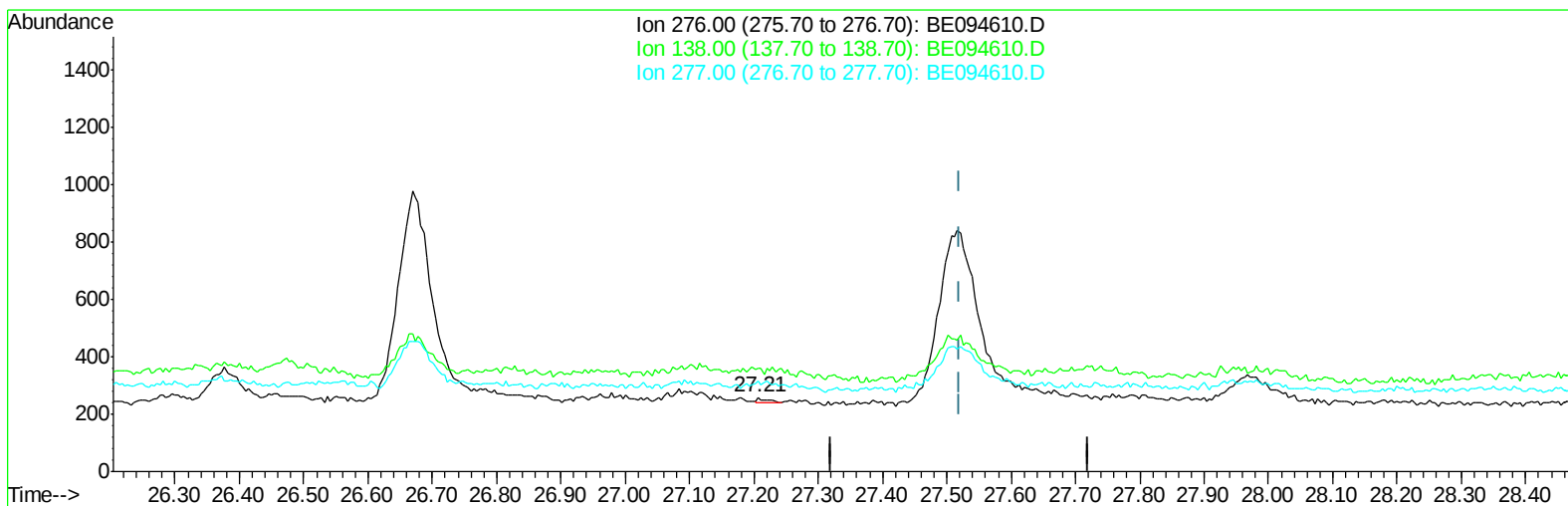
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

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

27.206min (-0.314) 0.00ng/ul

response 20

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	139.15#
277.00	25.60	122.48#
0.00	0.00	0.00

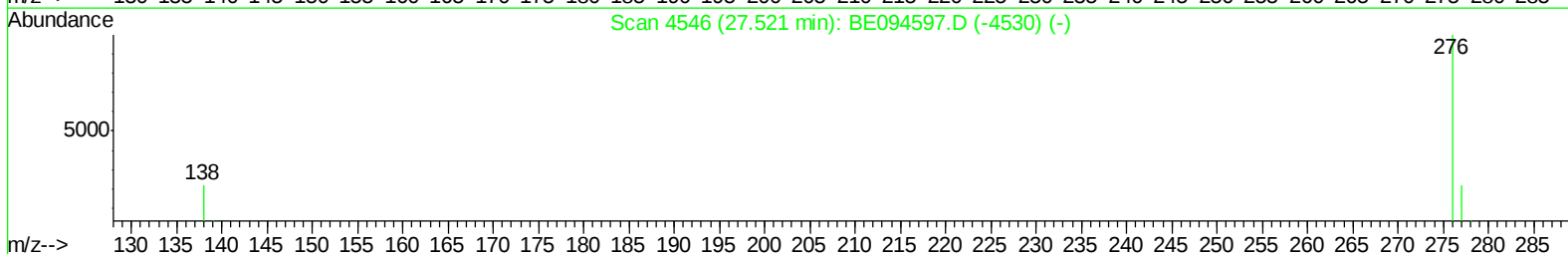
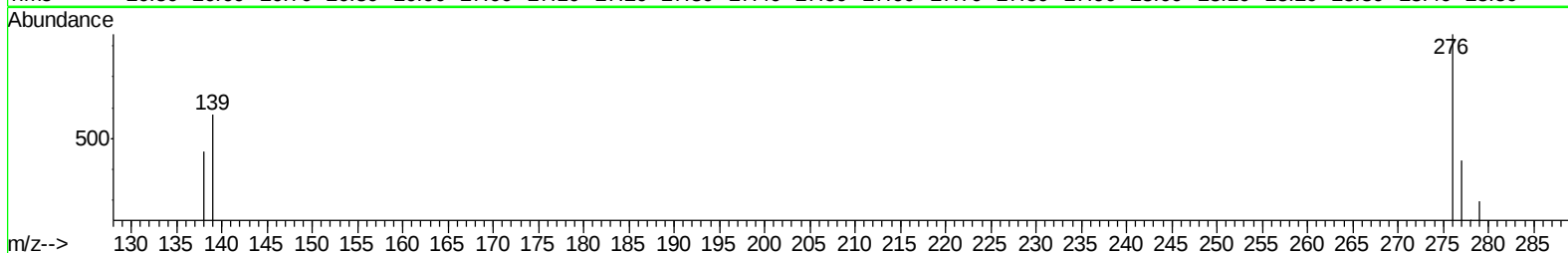
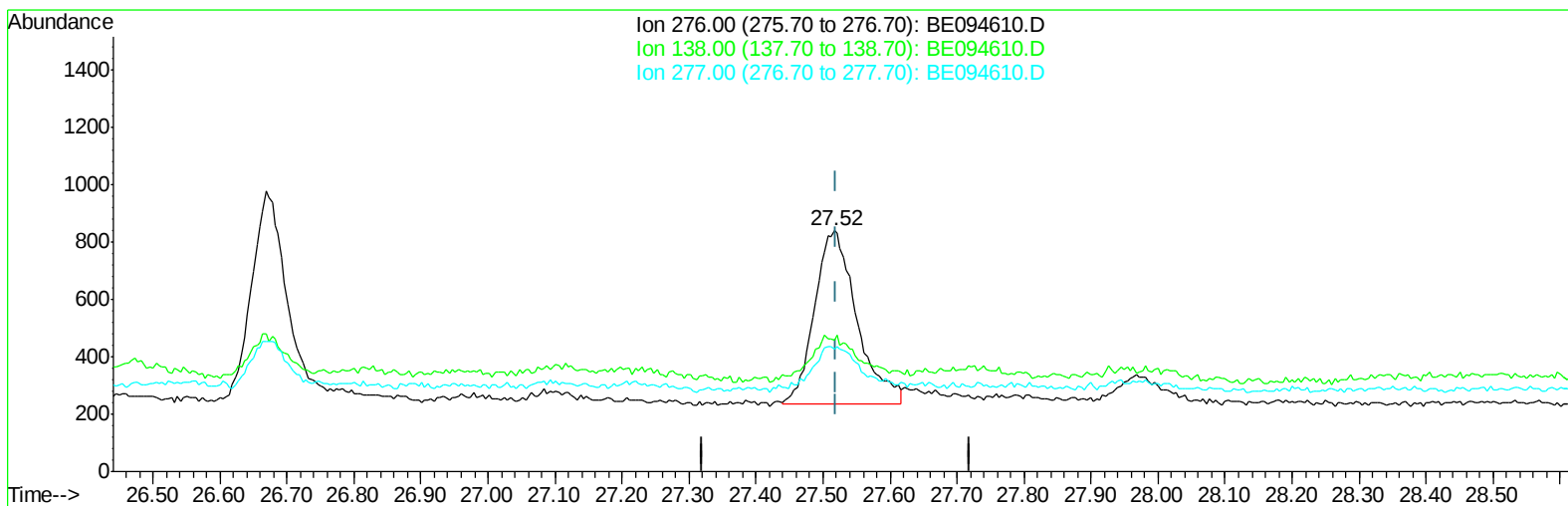
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

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

27.516min (-0.004) 0.12ng/ul m

response 2660

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	54.59#
277.00	25.60	50.89#
0.00	0.00	0.00

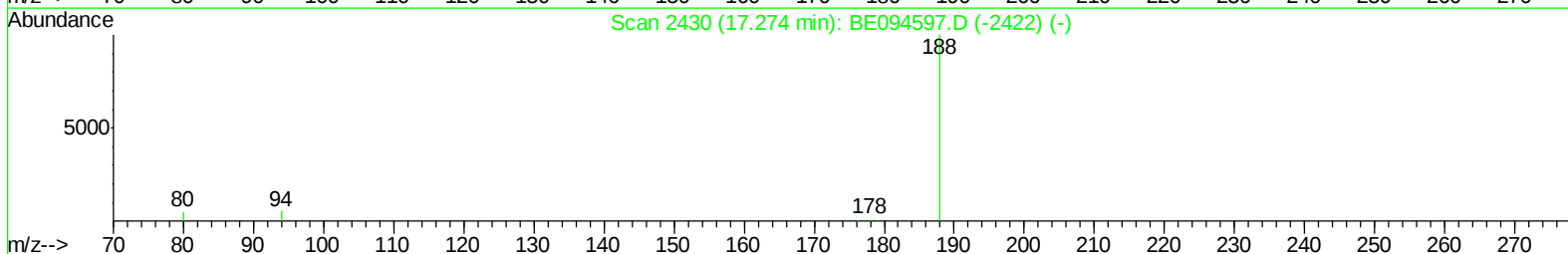
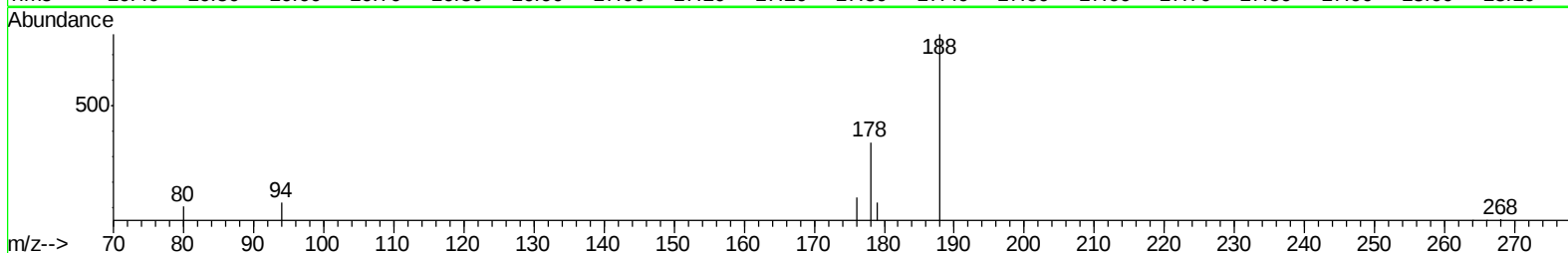
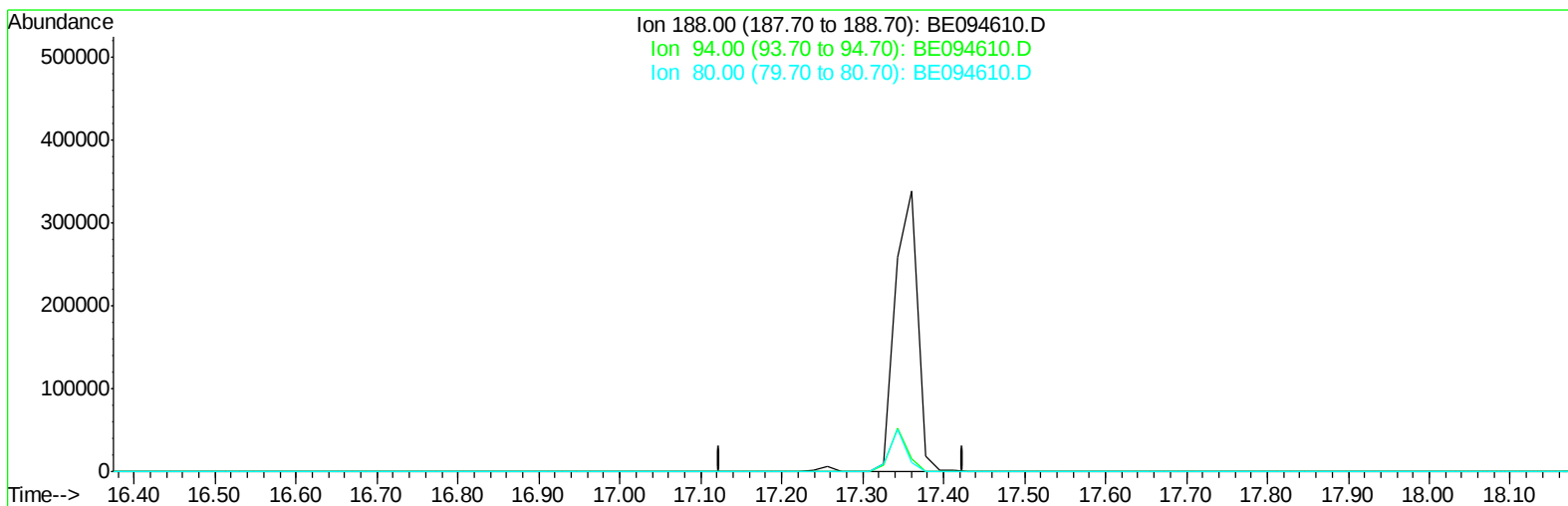
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 01:12:48 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.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

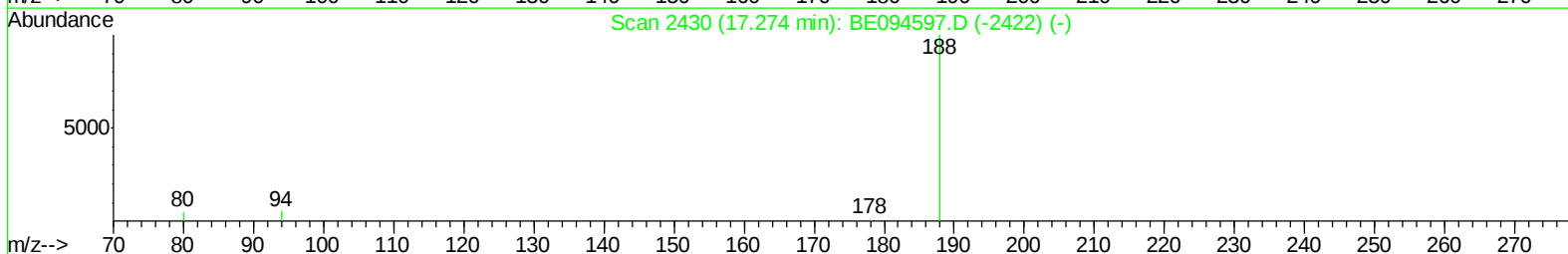
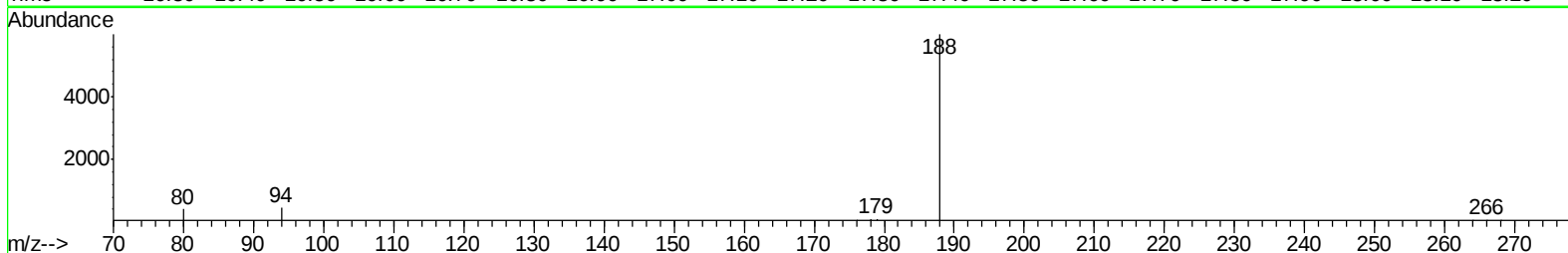
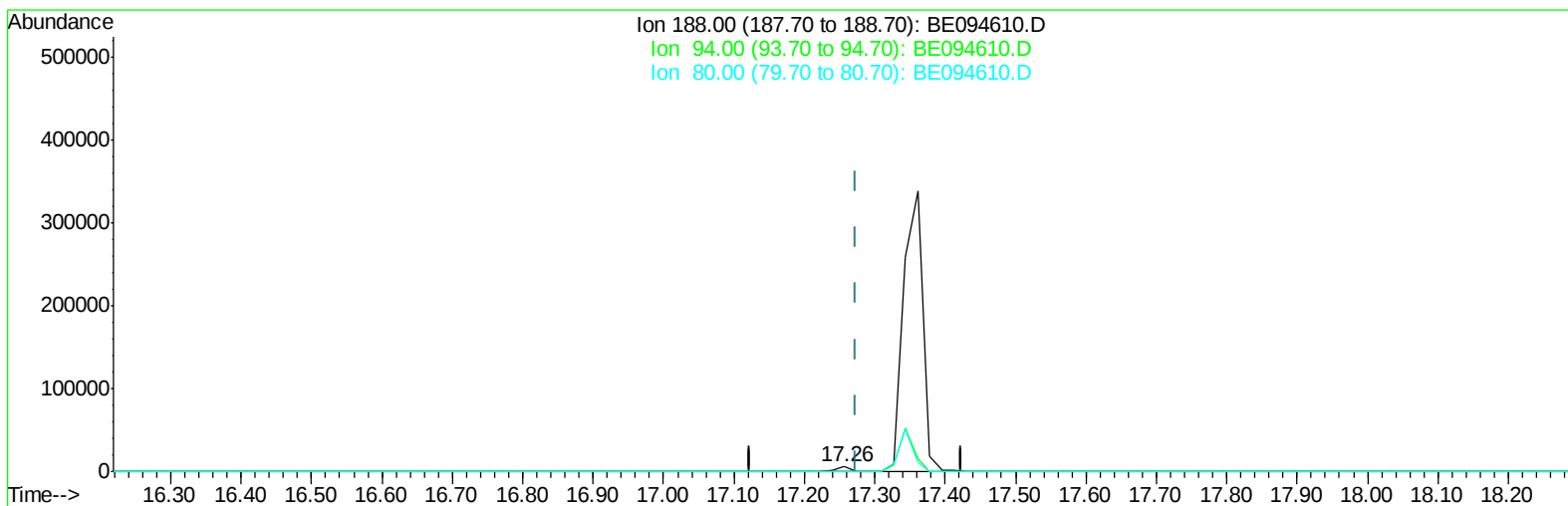
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 01:12:48 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE094610.D

(10) Phenanthrene-d10 (I)

17.257min (-0.016) 0.40ng/ul m

response 9289

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.52#
80.00	11.80	6.97#
0.00	0.00	0.00

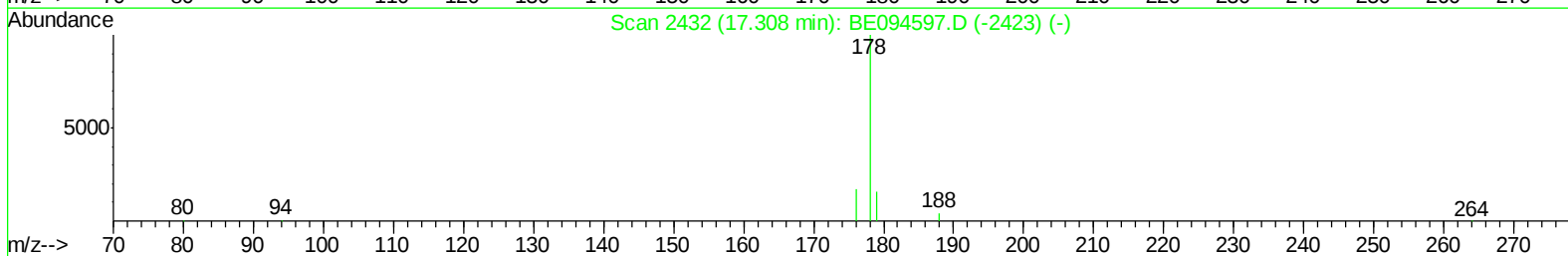
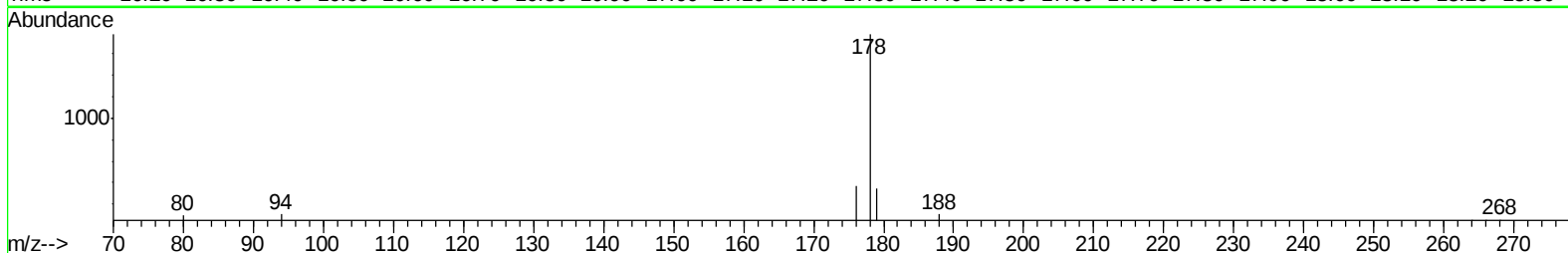
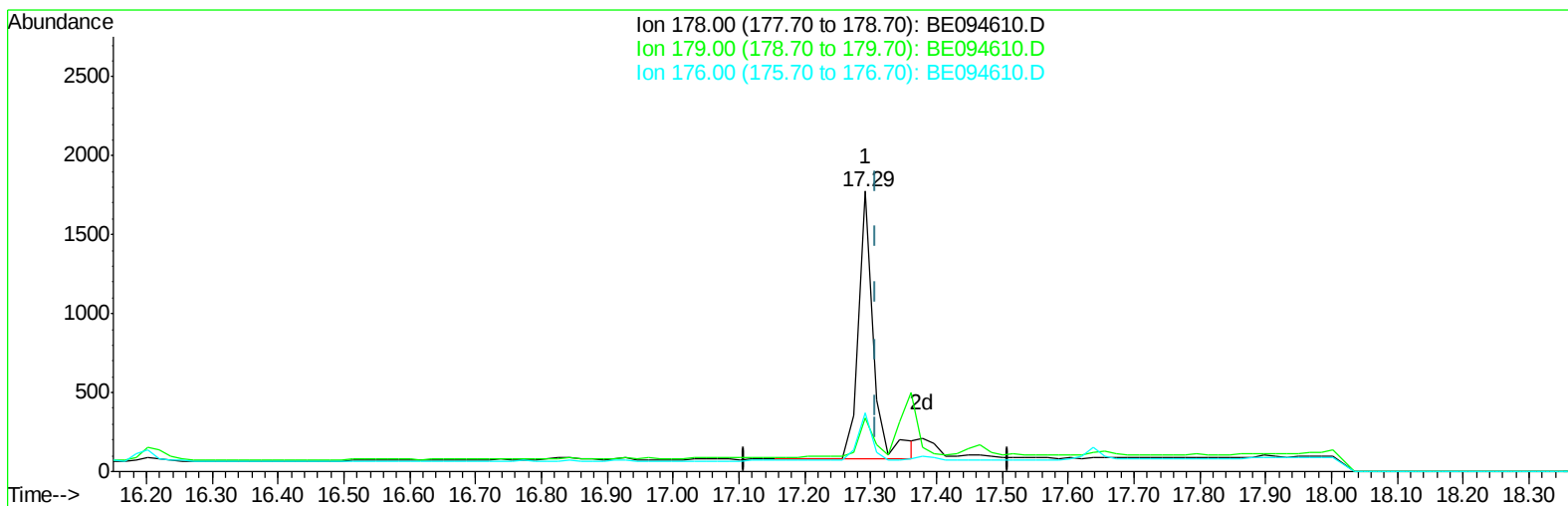
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:10:59 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

(12) Phenanthrene

17.292min (-0.016) 0.11ng/ul

response 2760

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.31
176.00	17.00	20.89#
0.00	0.00	0.00

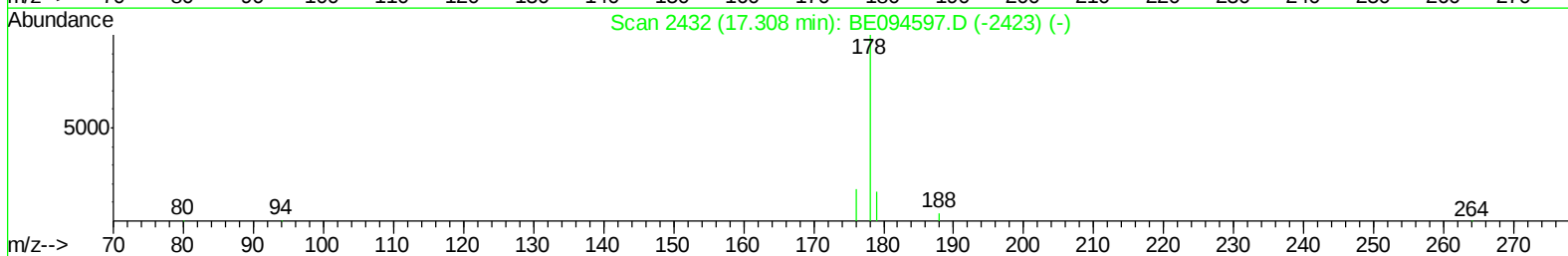
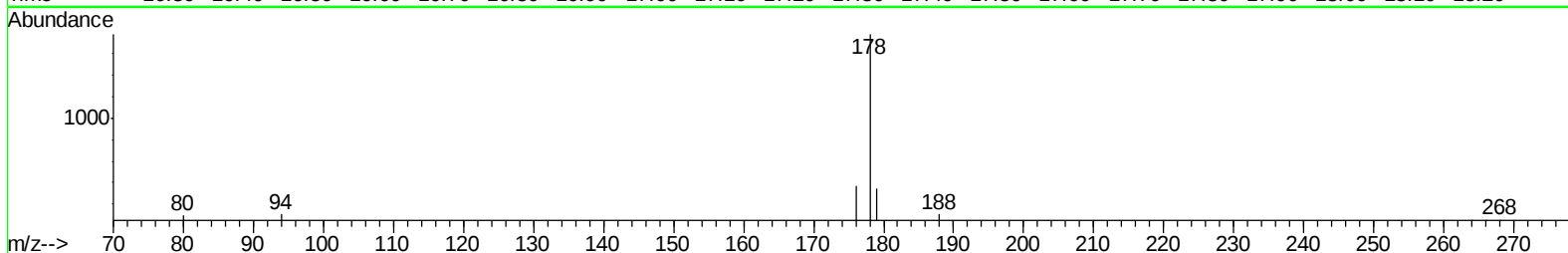
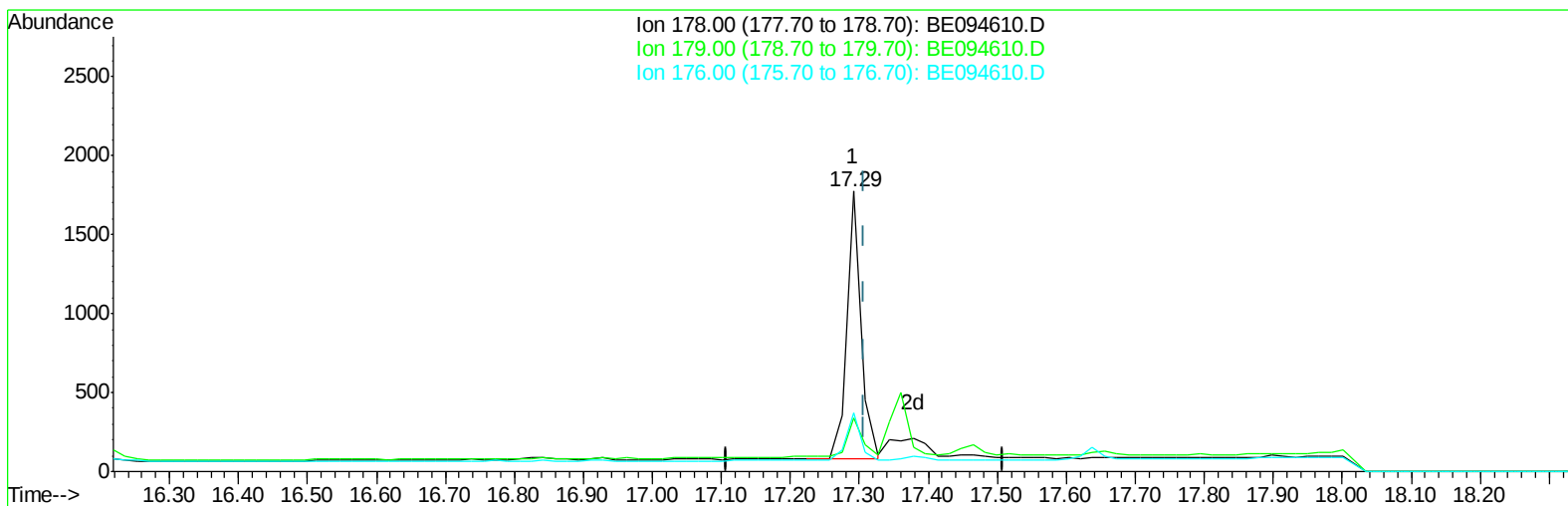
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:10:59 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

(12) Phenanthrene

17.292min (-0.016) 0.10ng/ul m

response 2487

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.31
176.00	17.00	20.89#
0.00	0.00	0.00

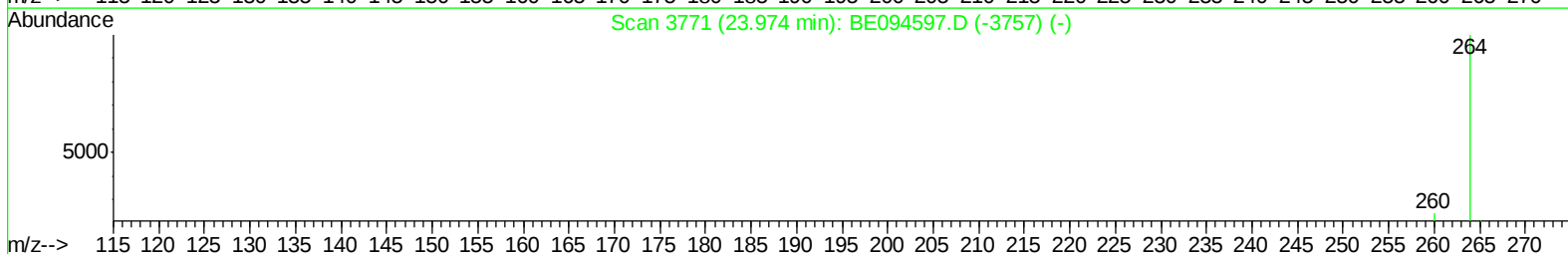
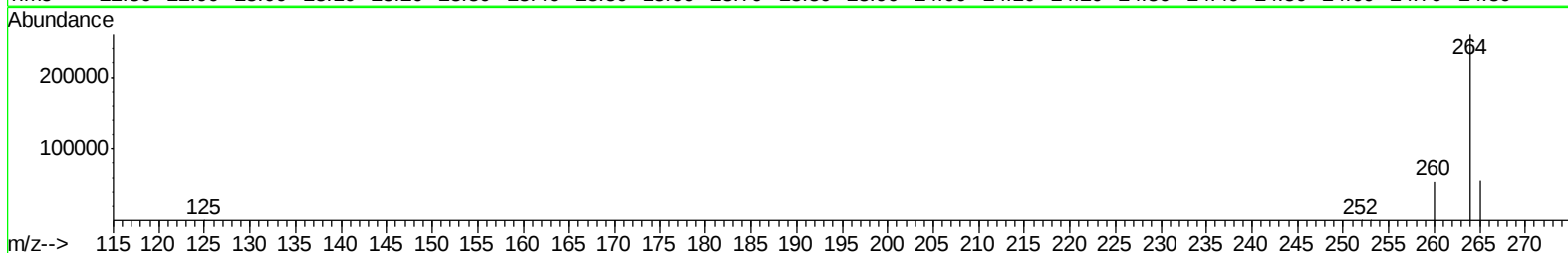
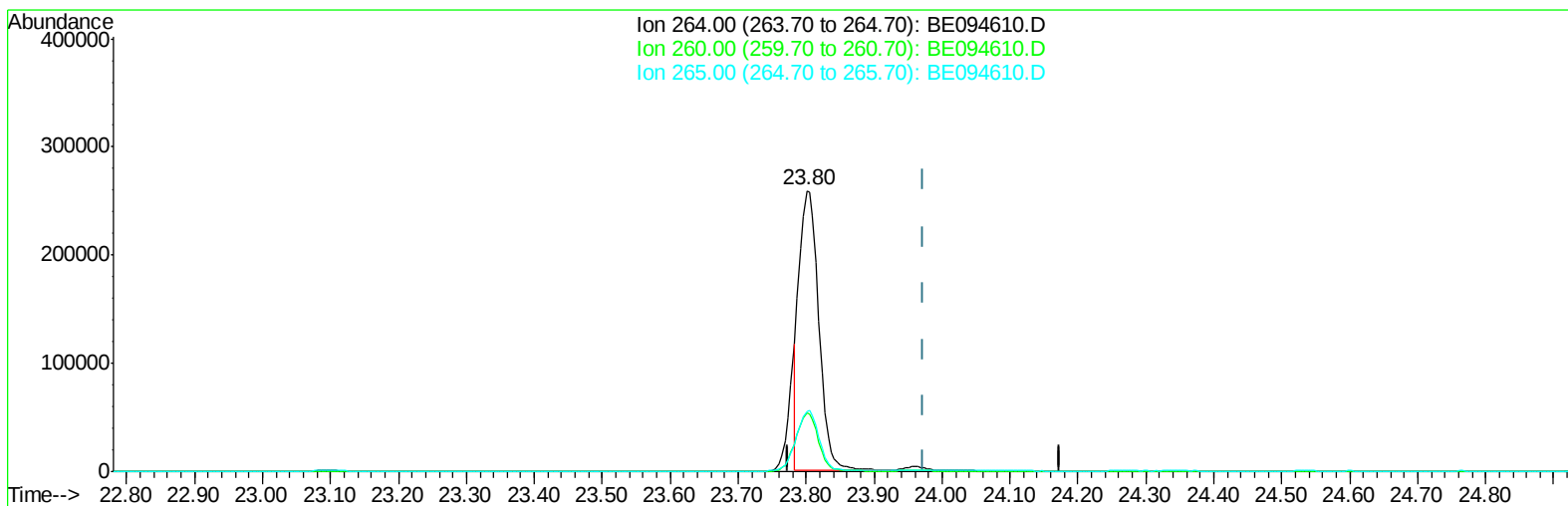
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

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10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:10:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE094610.D

(20) Perylene-d12 (I)

23.801min (-0.173) 0.40ng/ul

response 519658

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.08#
265.00	103.50	21.21#
0.00	0.00	0.00

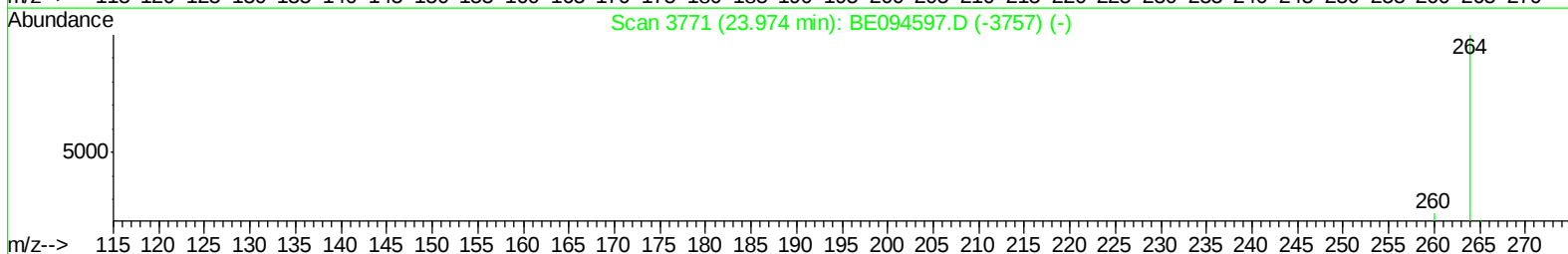
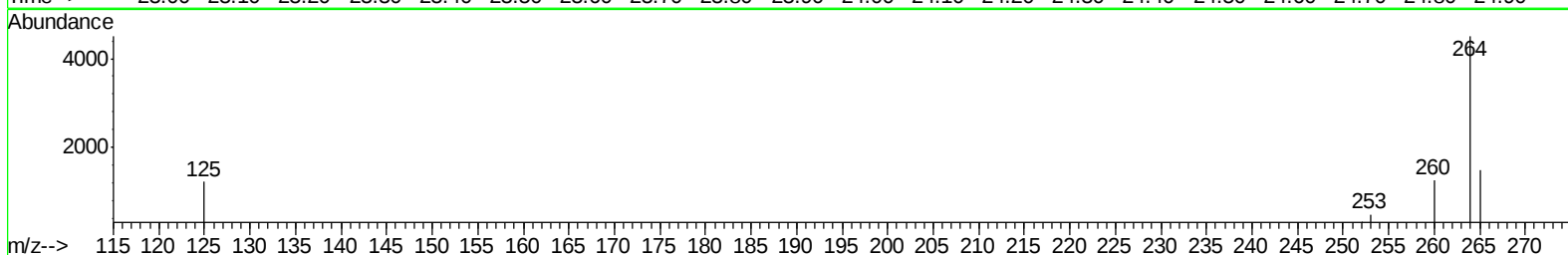
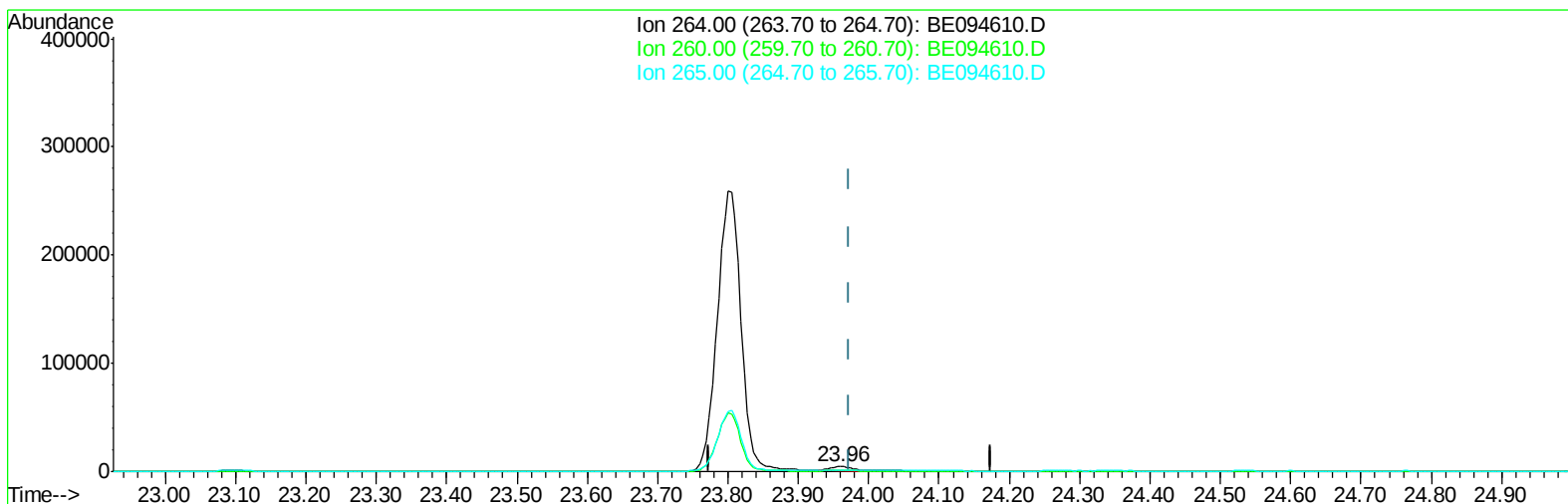
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:10:59 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

(20) Perylene-d12 (I)

23.960min (-0.014) 0.40ng/ul m

response 9480

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.01
265.00	103.50	32.67#
0.00	0.00	0.00

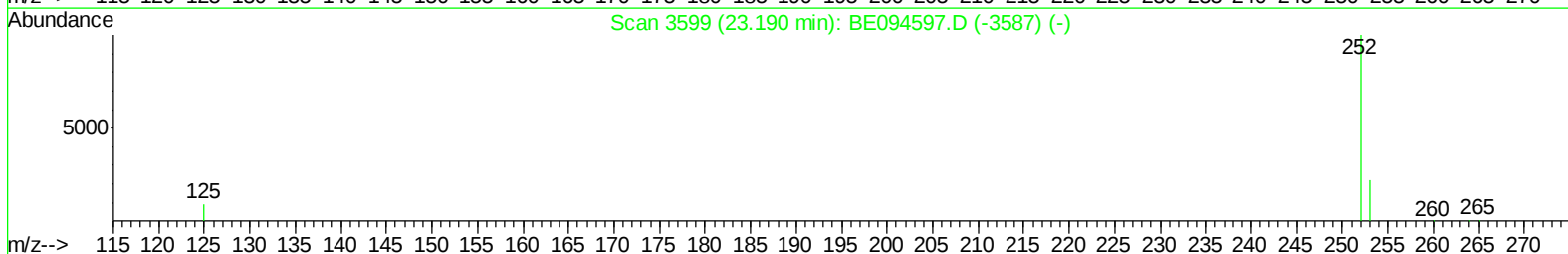
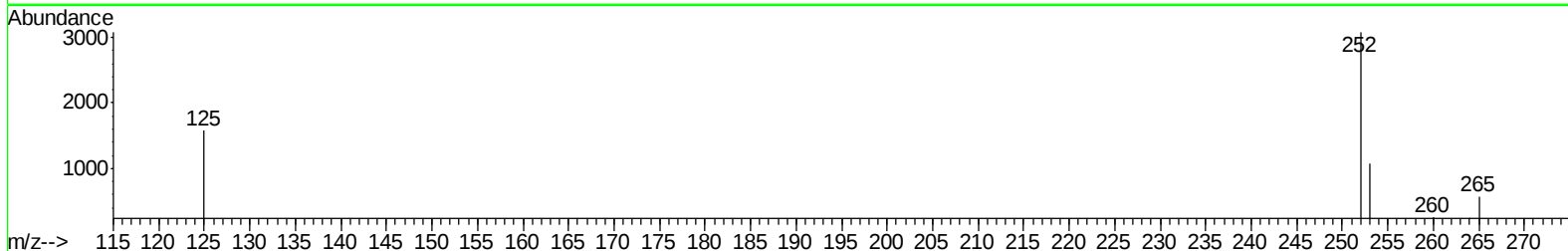
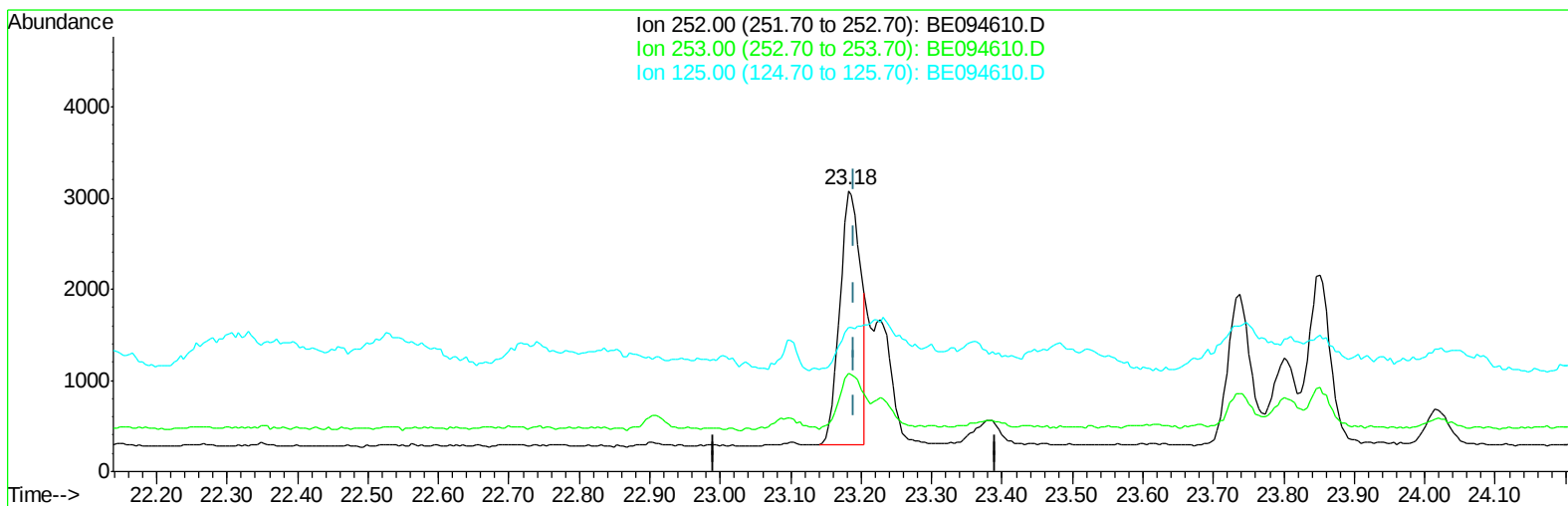
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

(21) Benzo(b)fluoranthene
23.181min (-0.009) 0.22ng/ul
response 5735

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.10
125.00	17.50	51.25#
0.00	0.00	0.00

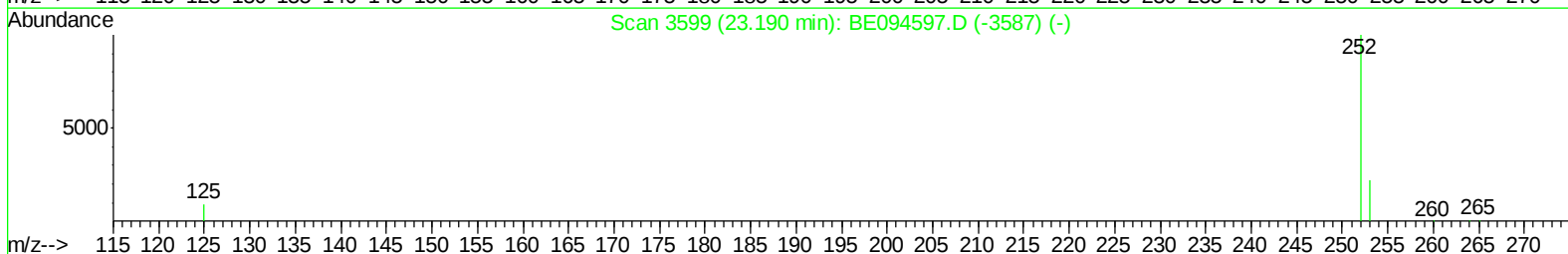
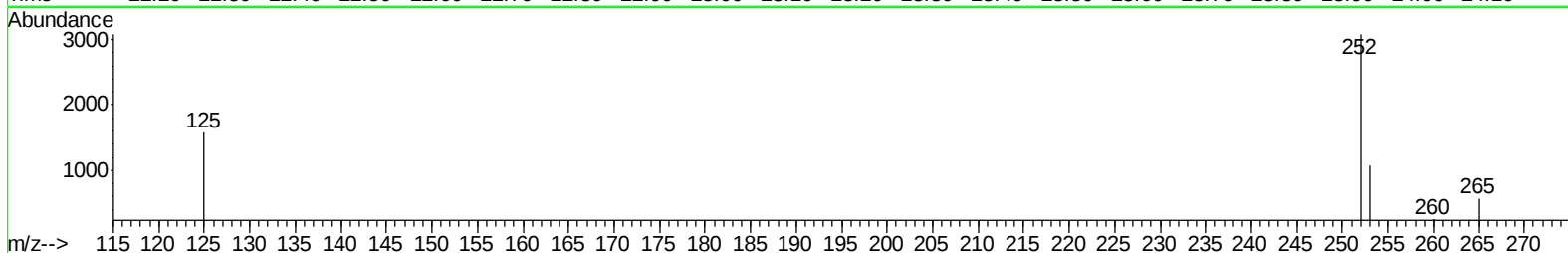
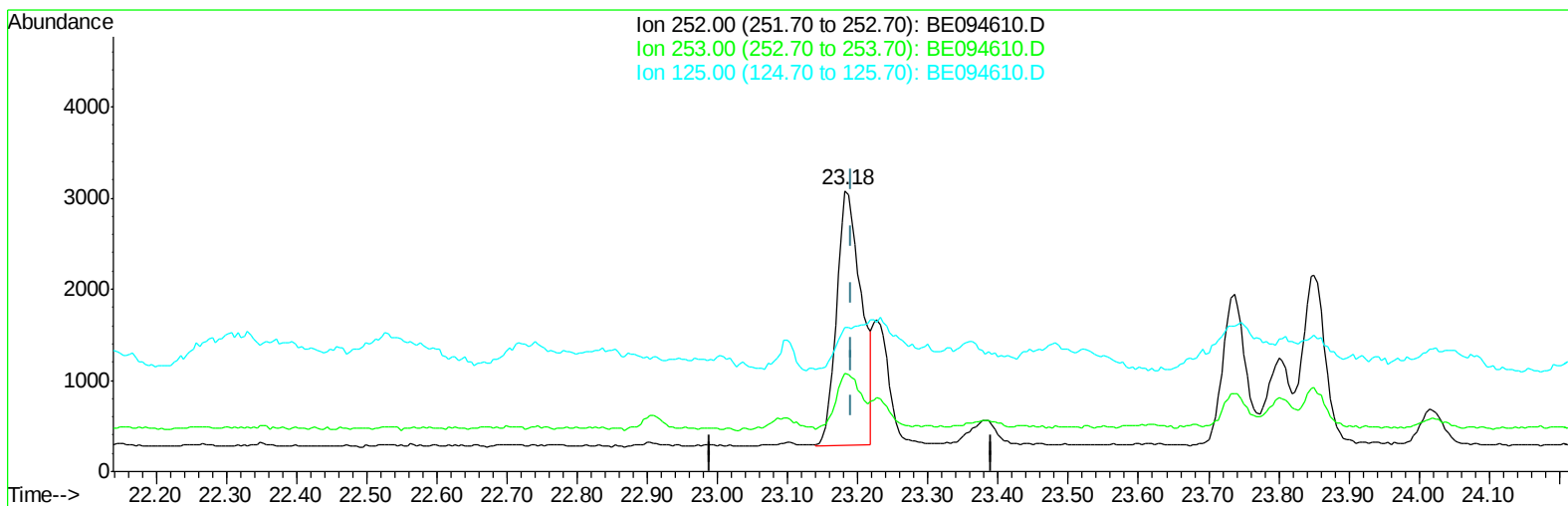
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

(21) Benzo(b)fluoranthene

23.181min (-0.009) 0.26ng/ul m

response 6832

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.10
125.00	17.50	51.25#
0.00	0.00	0.00

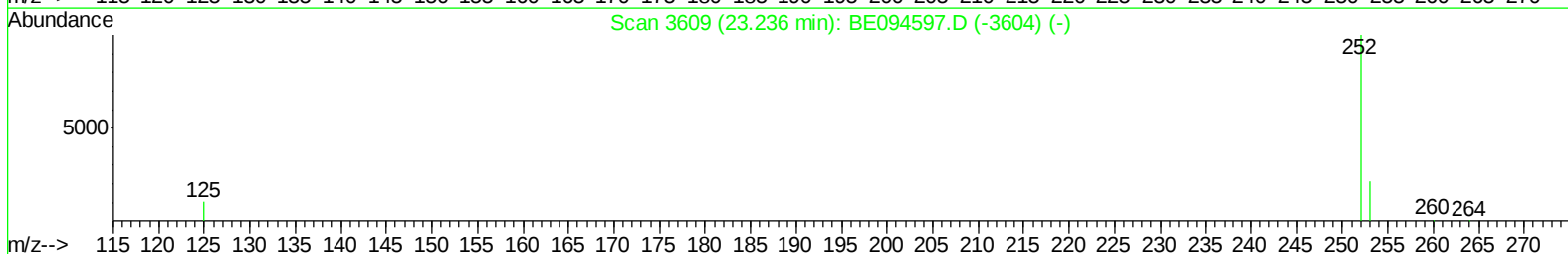
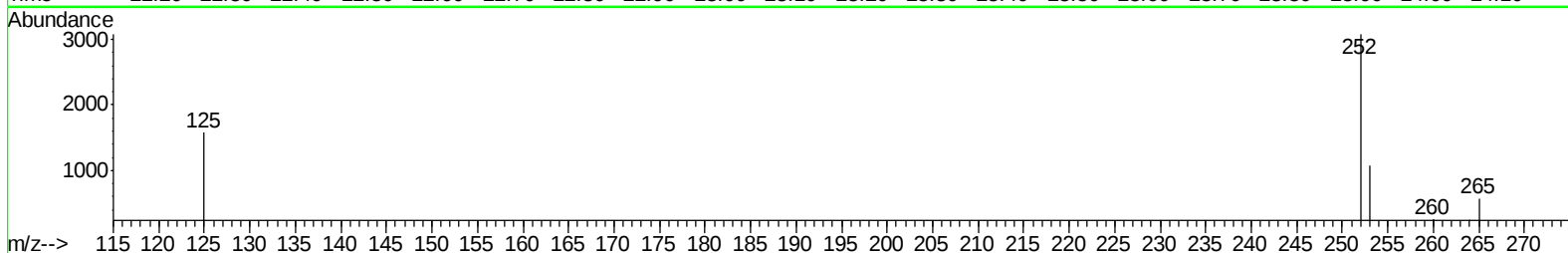
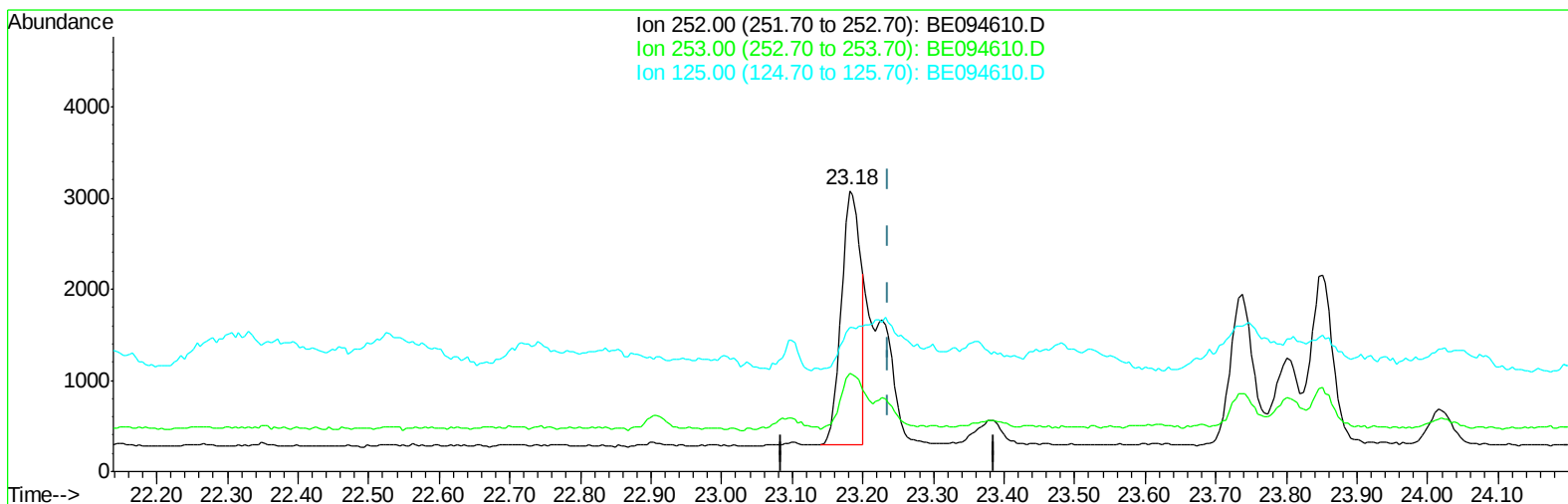
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

(22) Benzo(k)fluoranthene
23.181min (-0.055) 0.18ng/ul
response 5280

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.10
125.00	17.10	51.25#
0.00	0.00	0.00

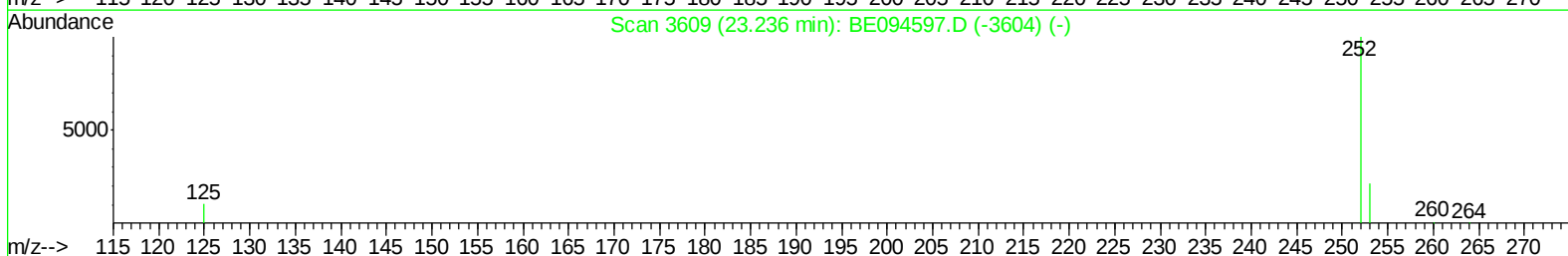
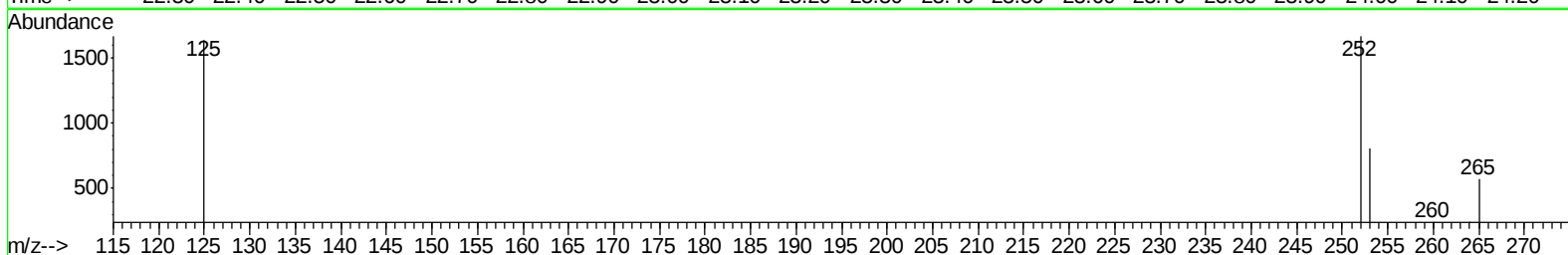
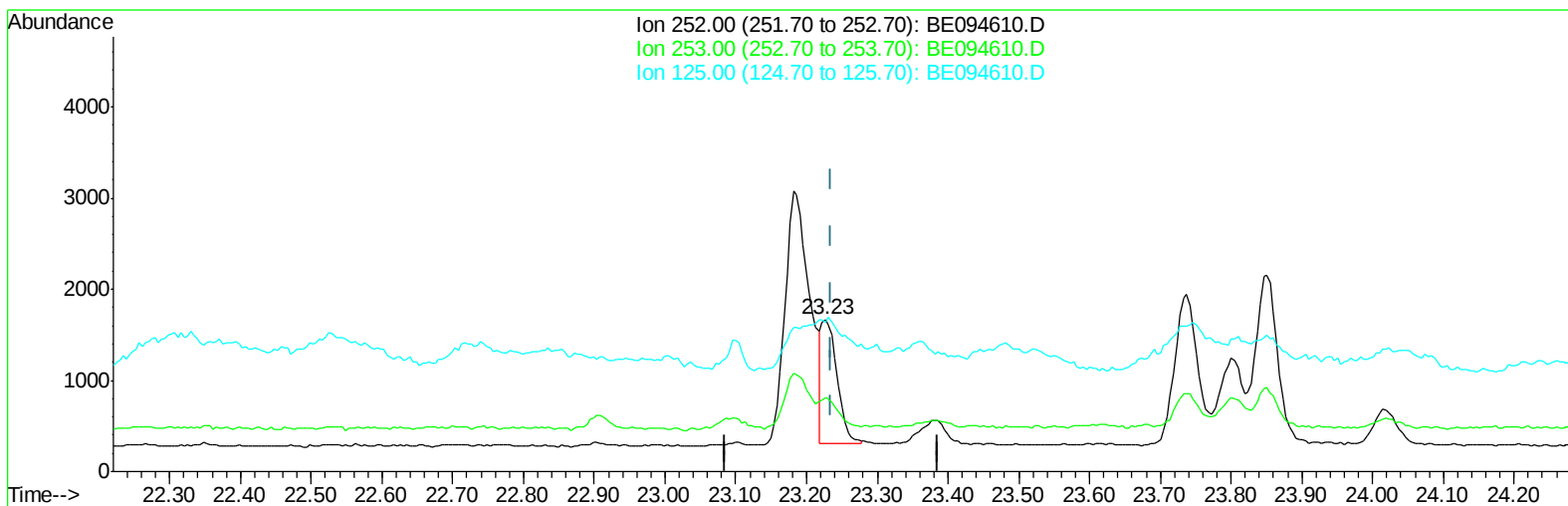
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

(22) Benzo(k)fluoranthene

23.227min (-0.009) 0.07ng/ul m

response 2069

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	48.38#
125.00	17.10	98.44#
0.00	0.00	0.00

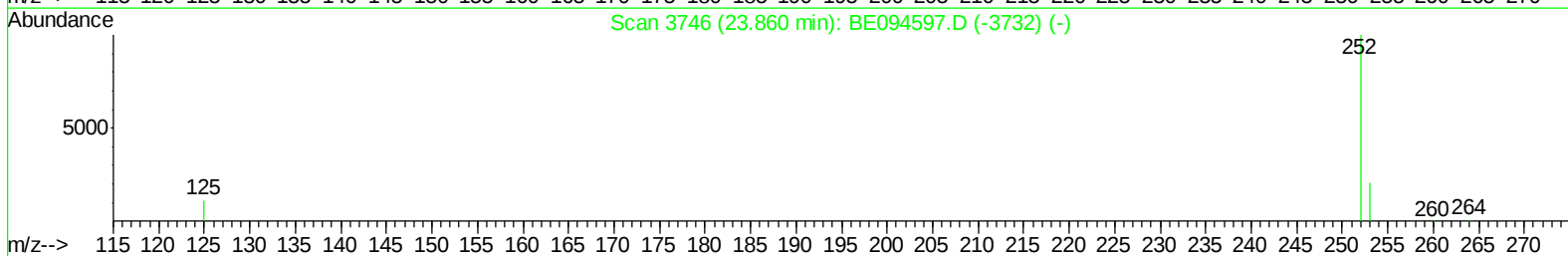
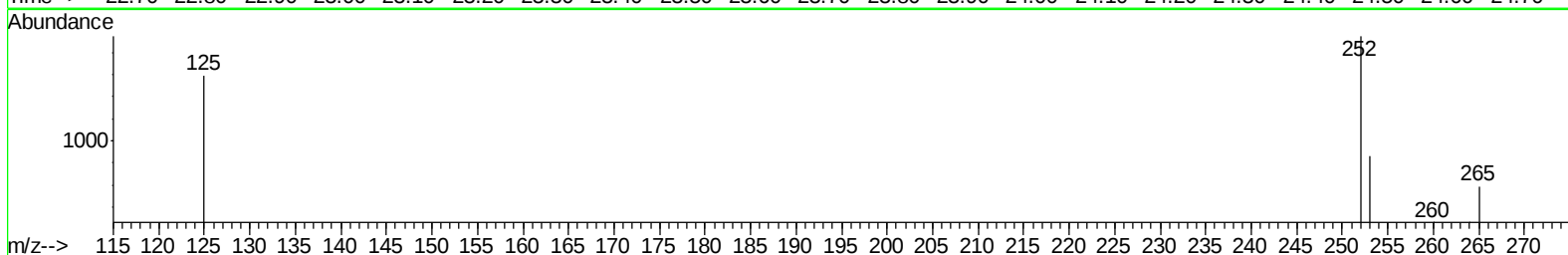
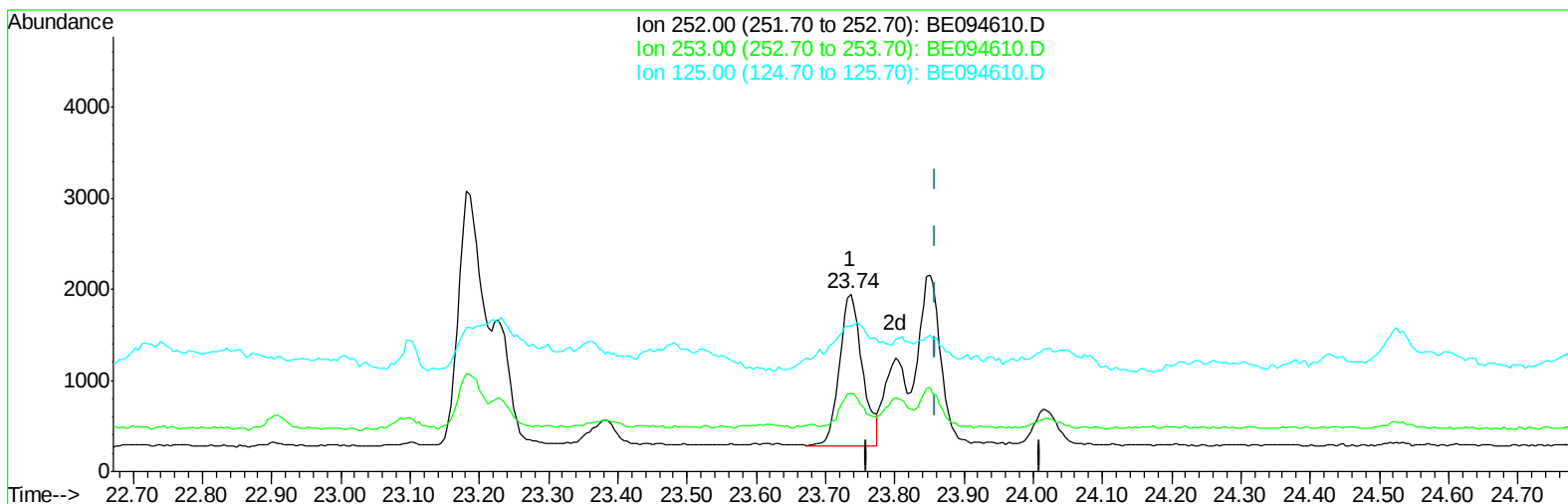
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

(23) Benzo(a)pyrene (C)

23.737min (-0.123) 0.14ng/ul

response 3865

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	44.15#
125.00	22.60	81.83#
0.00	0.00	0.00

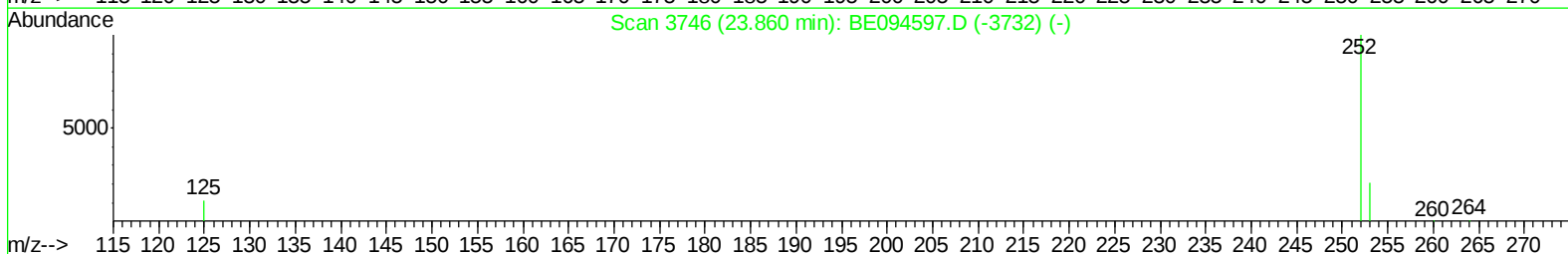
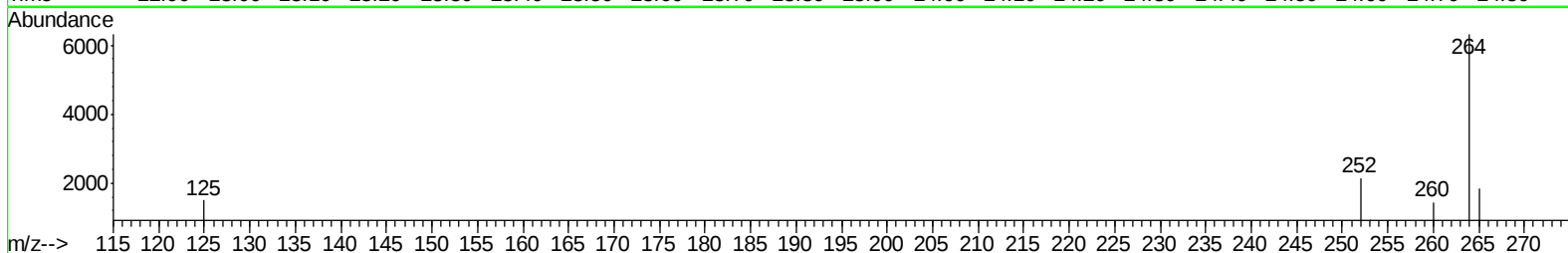
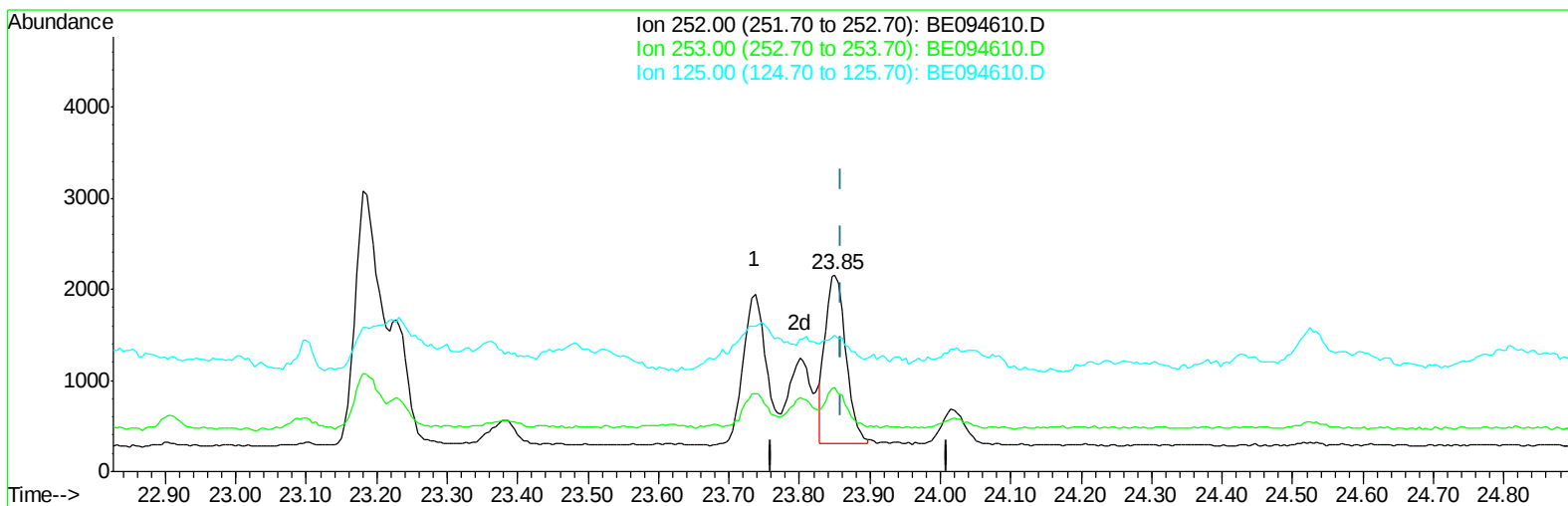
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094610.D
 Acq On : 27 Oct 2017 23:47
 Operator : SJ/JU
 Sample : I5842-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
 Response via : Initial Calibration



TIC: BE094610.D

(23) Benzo(a)pyrene (C)

23.851min (-0.009) 0.14ng/ul m

response 3709

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	42.62
125.00	22.60	69.73#
0.00	0.00	0.00

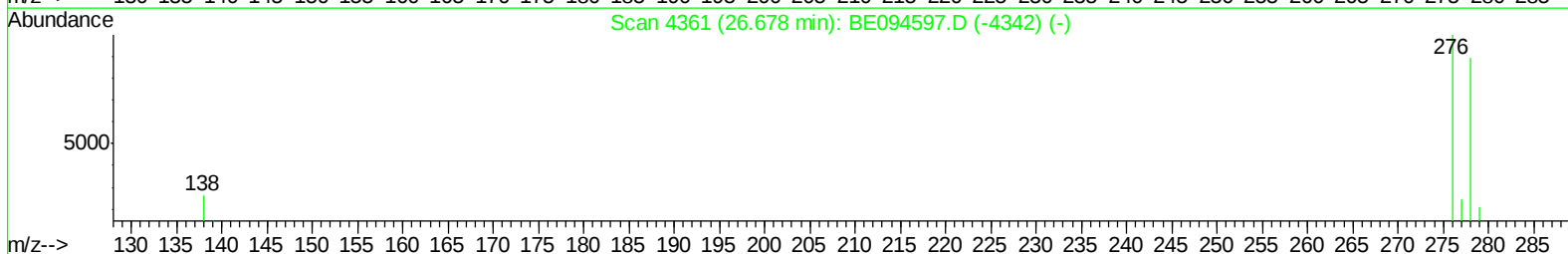
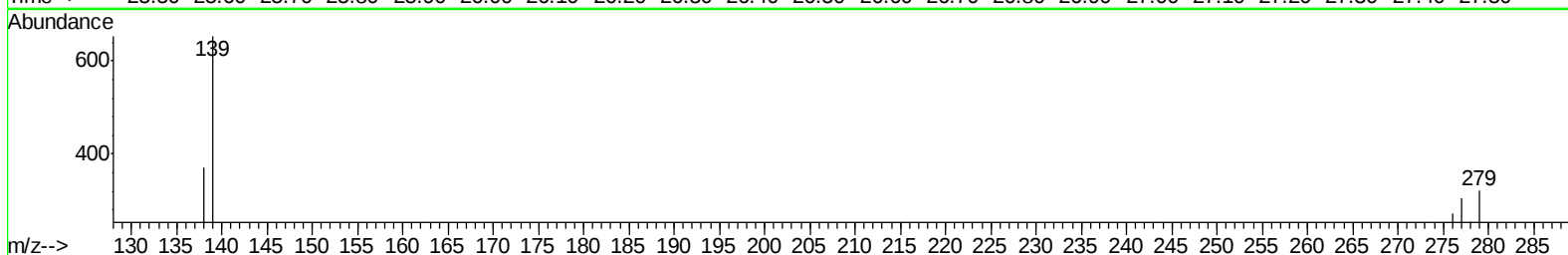
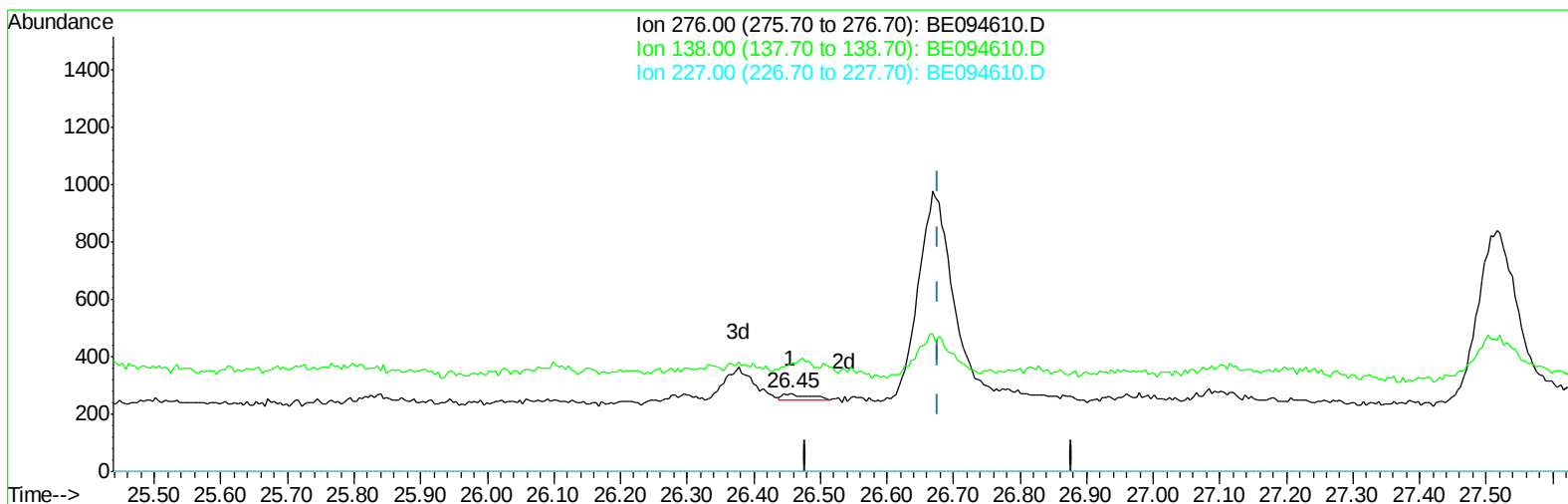
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094610.D
Acq On : 27 Oct 2017 23:47
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:13:04 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094610.D

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

26.455min (-0.223) 0.00ng/ul

response 71

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	153.52#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094610.D
 Acq On : 27 Oct 2017 23:47
 Operator : SJ/JU
 Sample : I5842-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:16:12 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 01:11:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1226	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	7171	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	4265	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9289m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8536	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9480m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3716	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	8825	0.32	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	2487m	0.10	ng/ul	
15) Fluoranthene	19.31	202	8440	0.30	ng/ul	84
17) Pyrene	19.67	202	8189	0.31	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	2662	0.11	ng/ul#	73
19) Chrysene	21.47	228	4988	0.20	ng/ul#	81
21) Benzo(b)fluoranthene	23.18	252	6832m	0.26	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	2069m	0.07	ng/ul	
23) Benzo(a)pyrene	23.85	252	3709m	0.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	2665m	0.10	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	2660m	0.12	ng/ul	

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

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Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:12 PM

Quant Time: Oct 30 02:16:12 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 01:11:00 2017
Response via : Initial Calibration

