

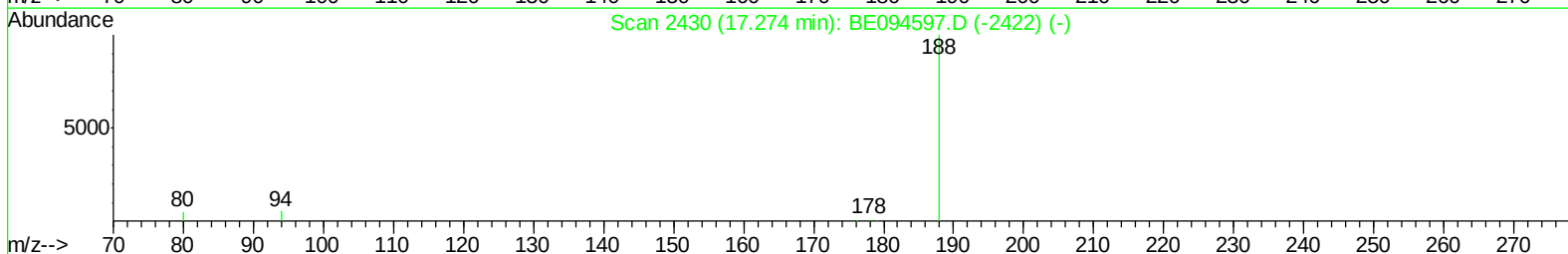
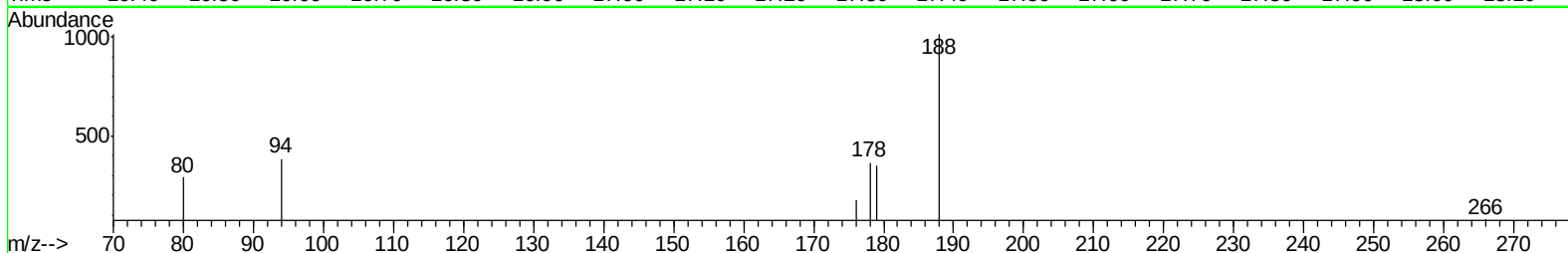
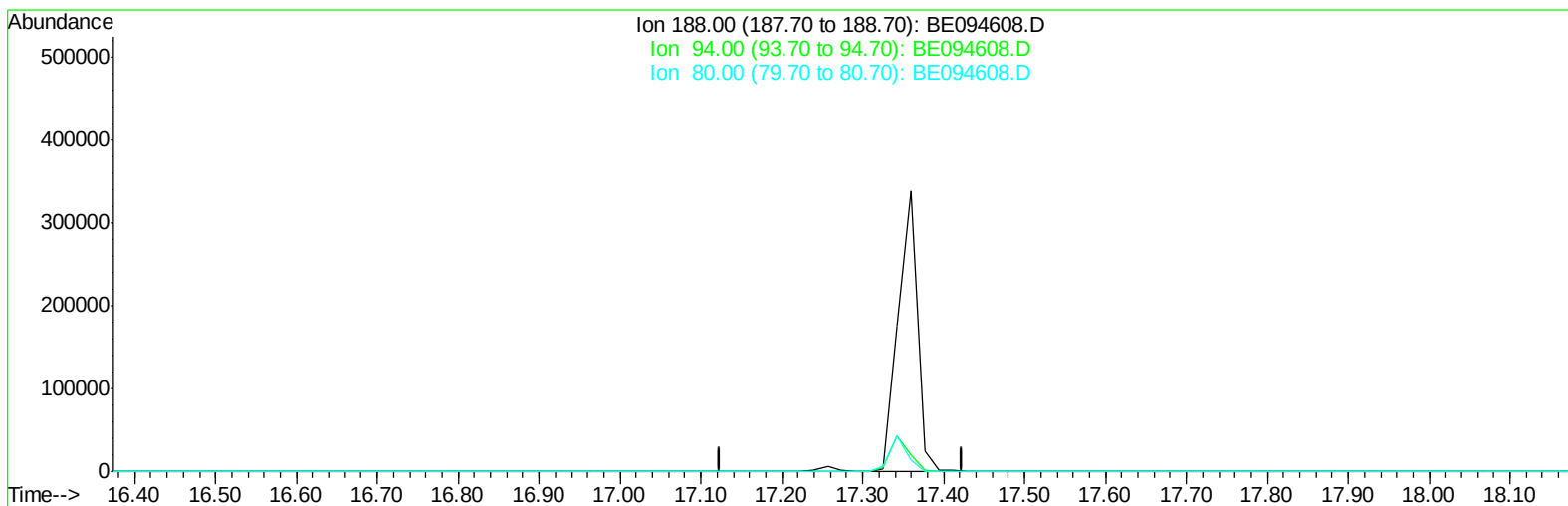
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:56:47 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: BE094608.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

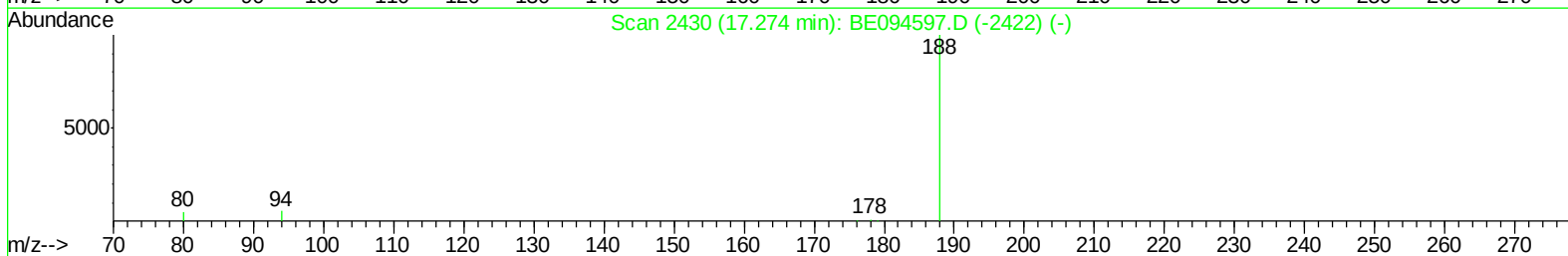
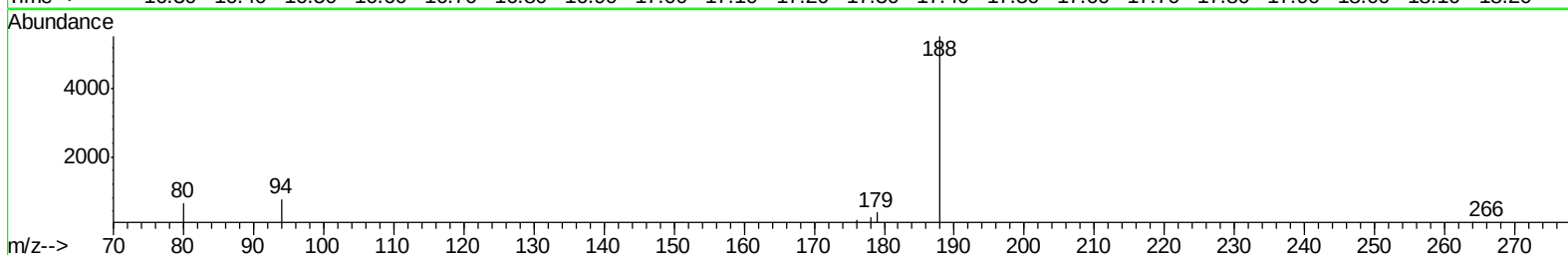
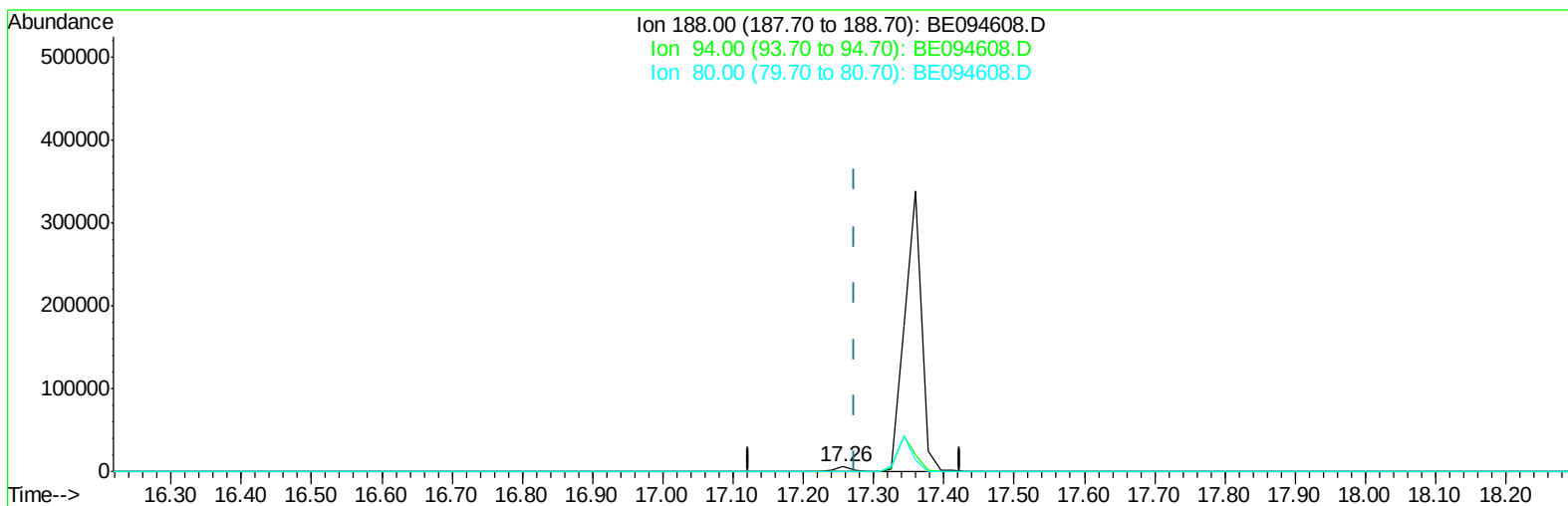
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094608.D
 Acq On : 27 Oct 2017 22:33
 Operator : SJ/JU
 Sample : I5842-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB1

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 01:56:47 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: BE094608.D

(10) Phenanthrene-d10 (I)

17.256min (-0.017) 0.40ng/ul m

response 8195

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.59#
80.00	11.80	11.67
0.00	0.00	0.00

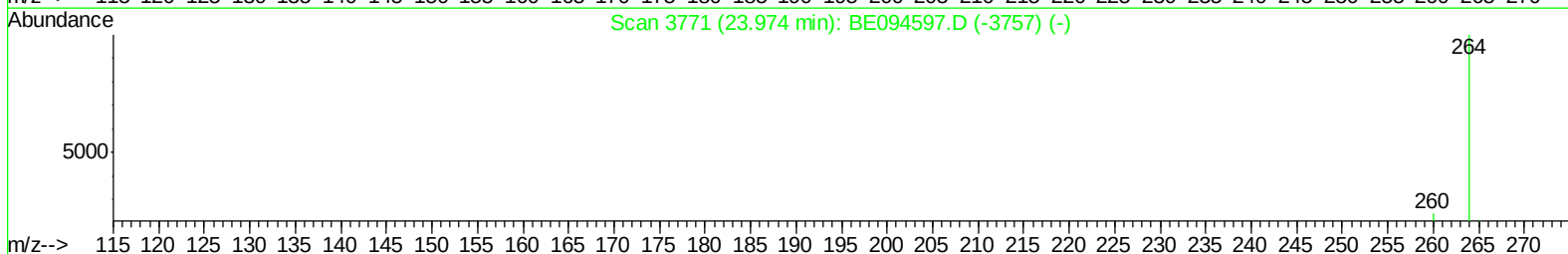
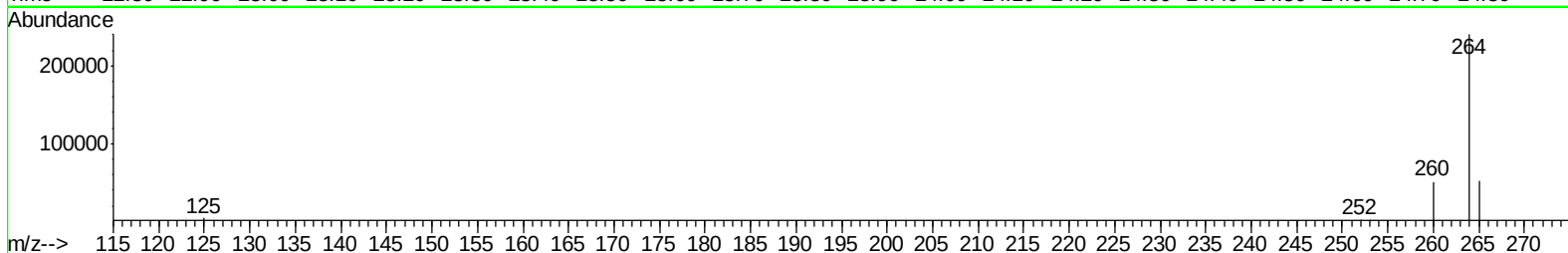
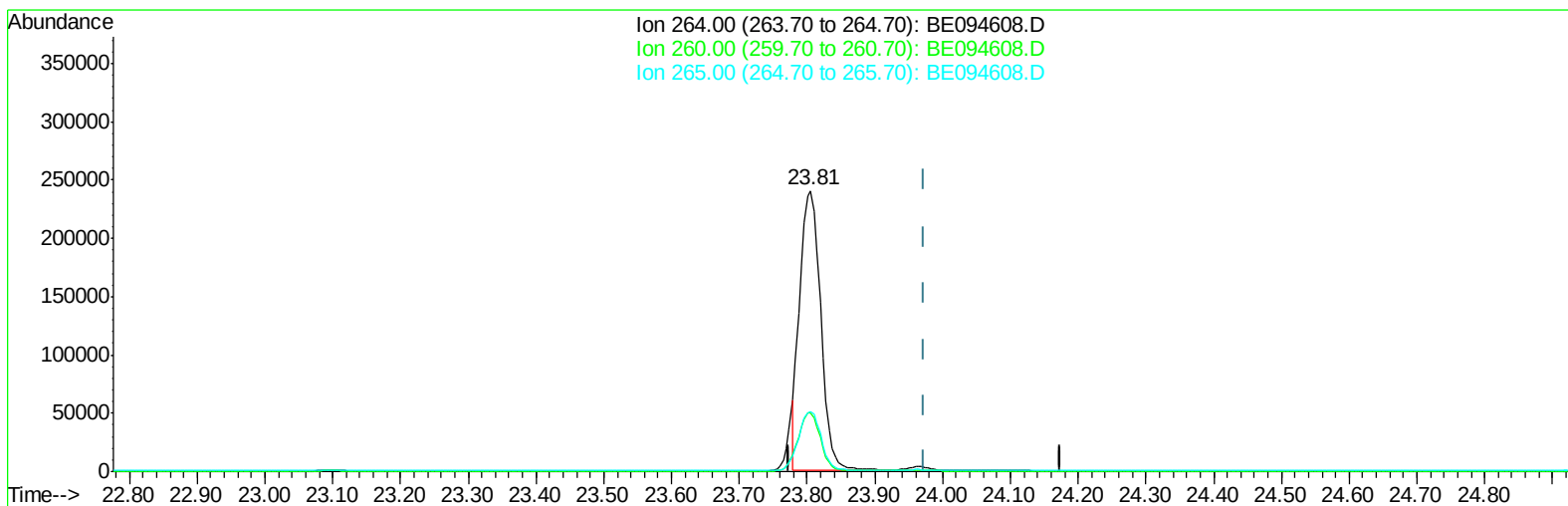
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:57:27 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094608.D

(20) Perylene-d12 (I)

23.805min (-0.168) 0.40ng/ul

response 515547

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.01#
265.00	103.50	21.59#
0.00	0.00	0.00

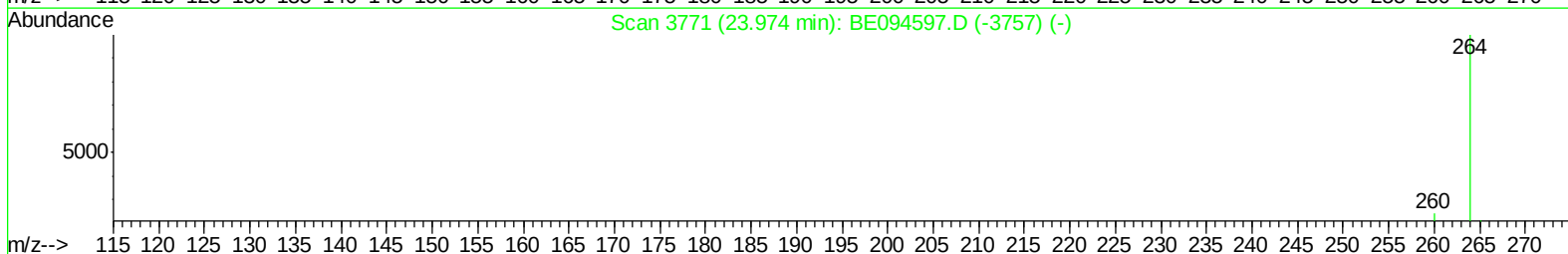
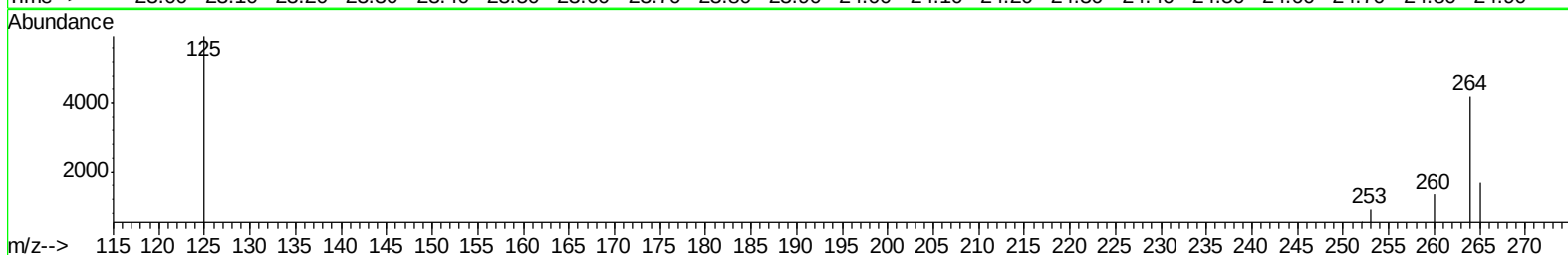
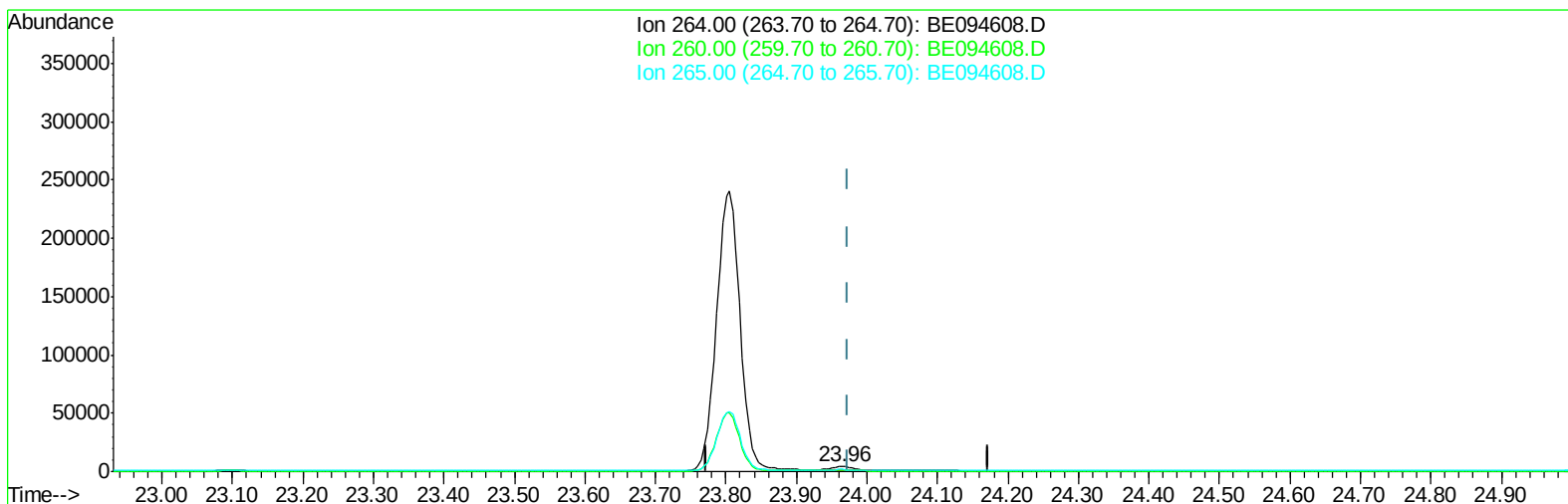
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:57:27 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 01:11:00 2017
Response via : Initial Calibration



TIC: BE094608.D

(20) Perylene-d12 (I)

23.965min (-0.009) 0.40ng/ul m

response 6801

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.12
265.00	103.50	40.33#
0.00	0.00	0.00

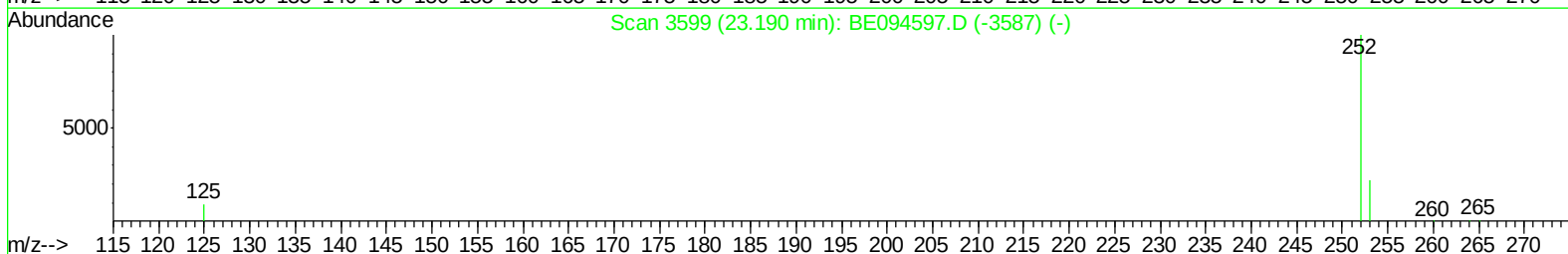
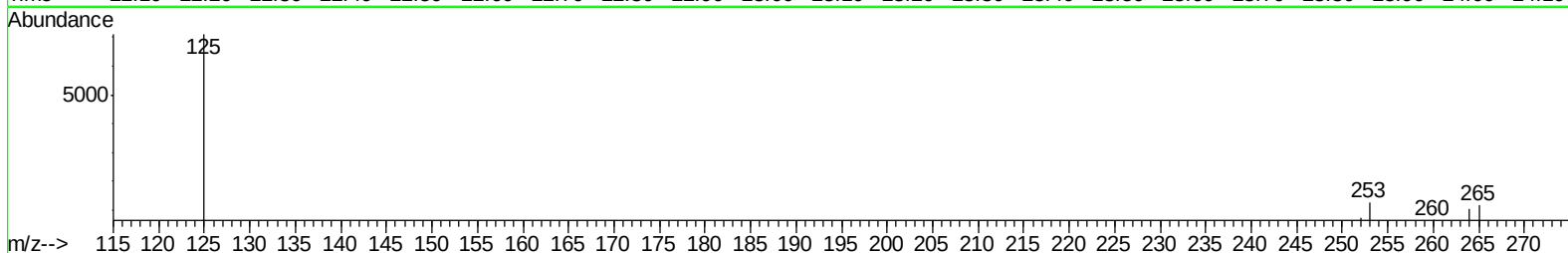
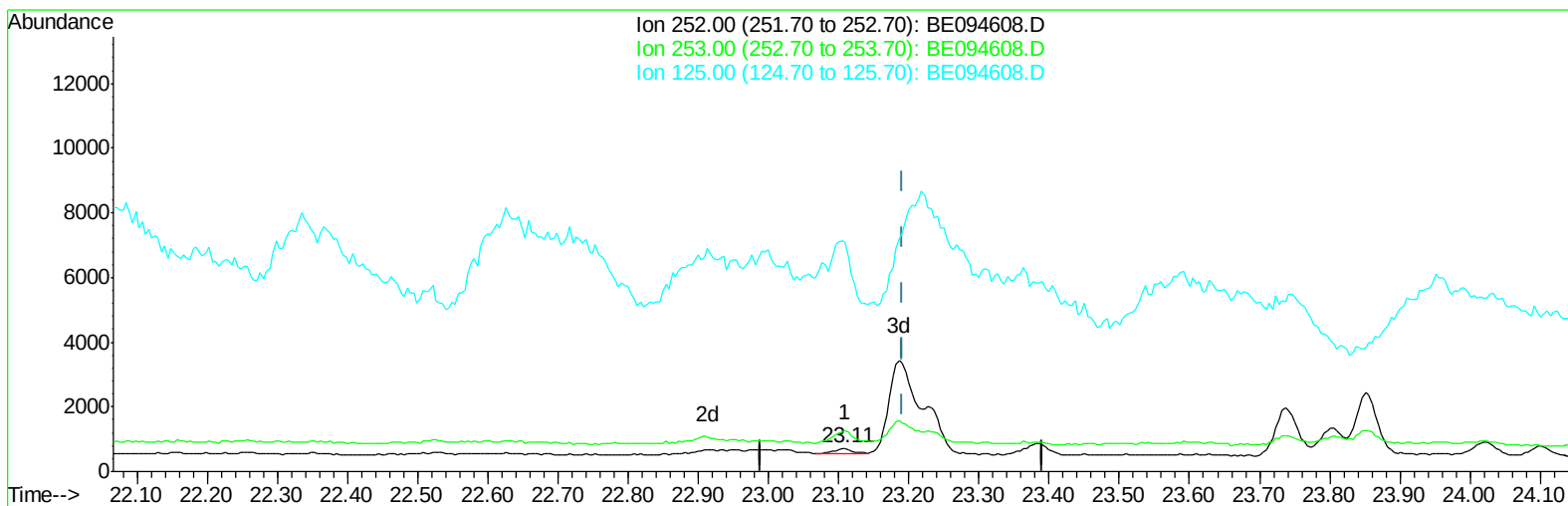
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

(21) Benzo(b)fluoranthene
23.109min (-0.082) 0.02ng/ul
response 350

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	171.35#
125.00	17.50	979.06#
0.00	0.00	0.00

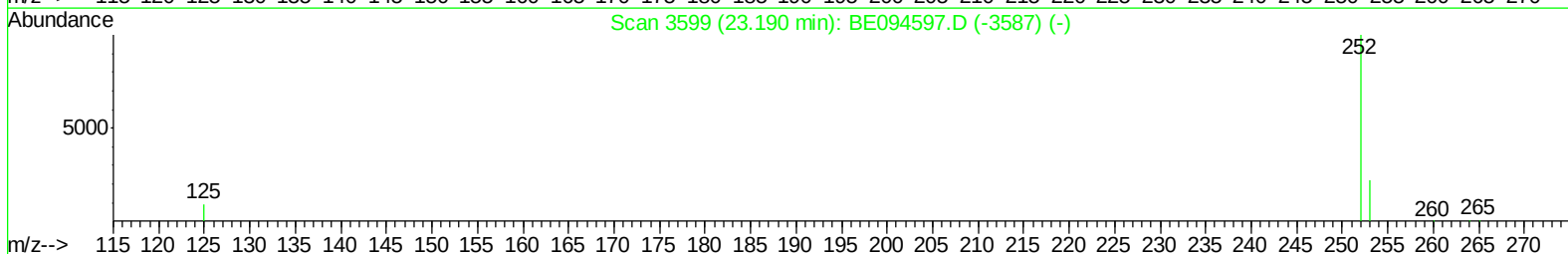
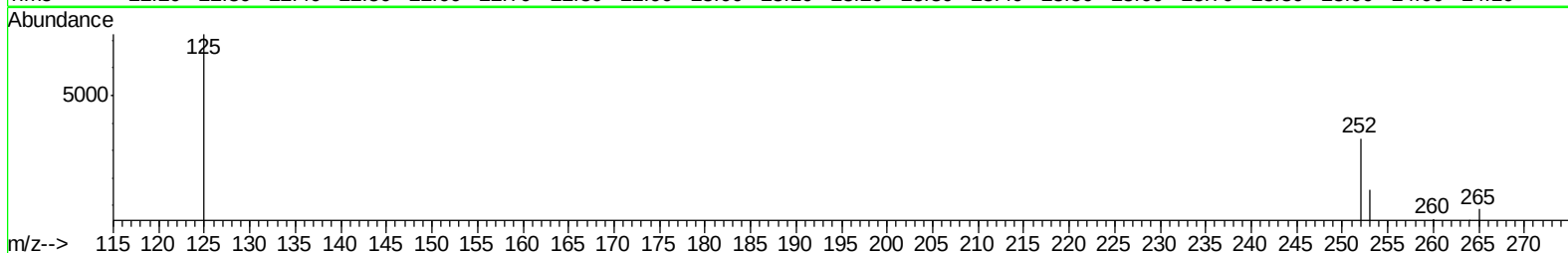
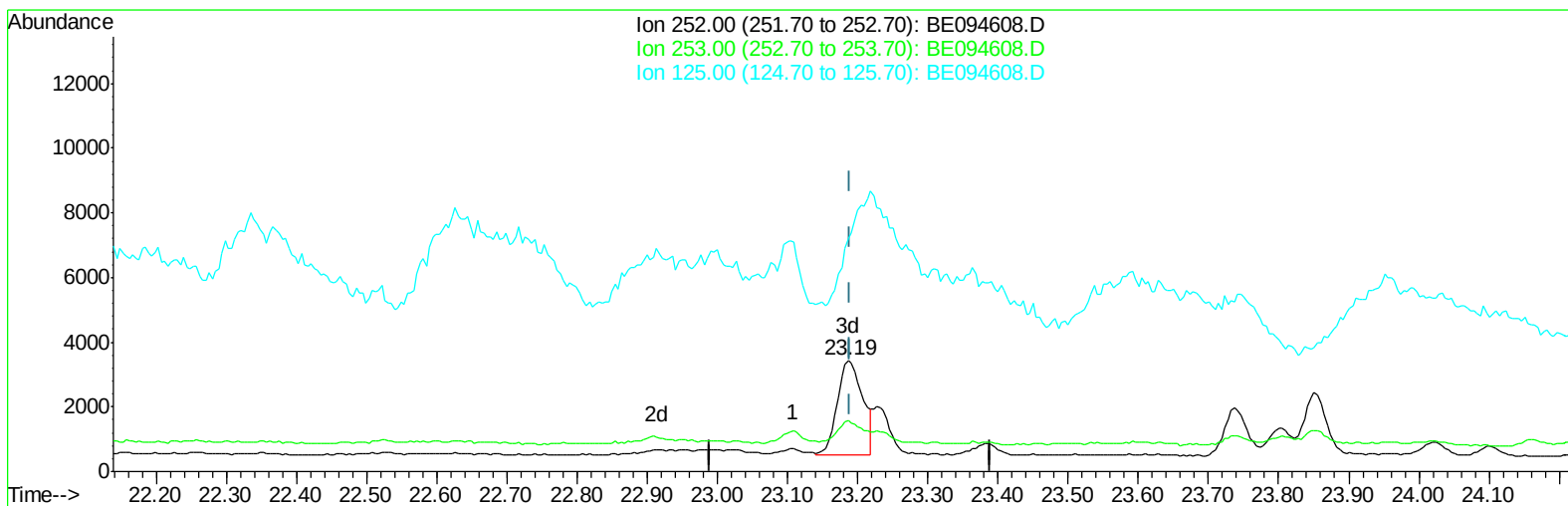
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

(21) Benzo(b)fluoranthene

23.186min (-0.004) 0.38ng/ul m

response 7235

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.57
125.00	17.50	209.43#
0.00	0.00	0.00

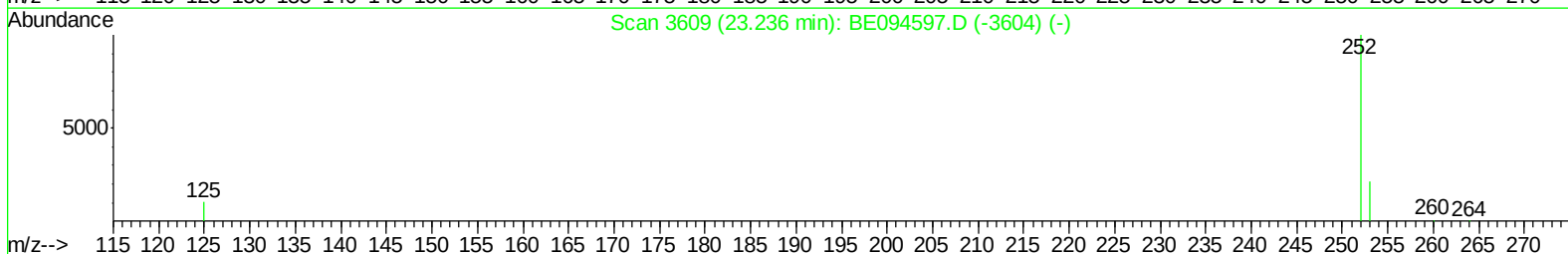
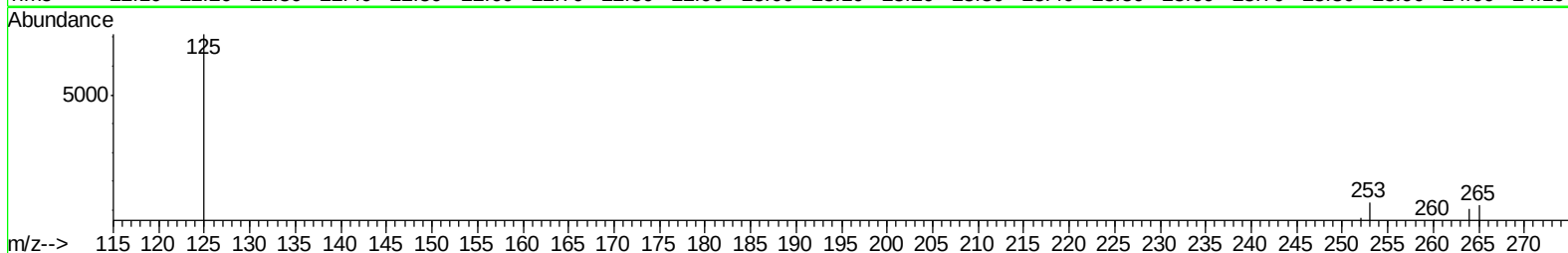
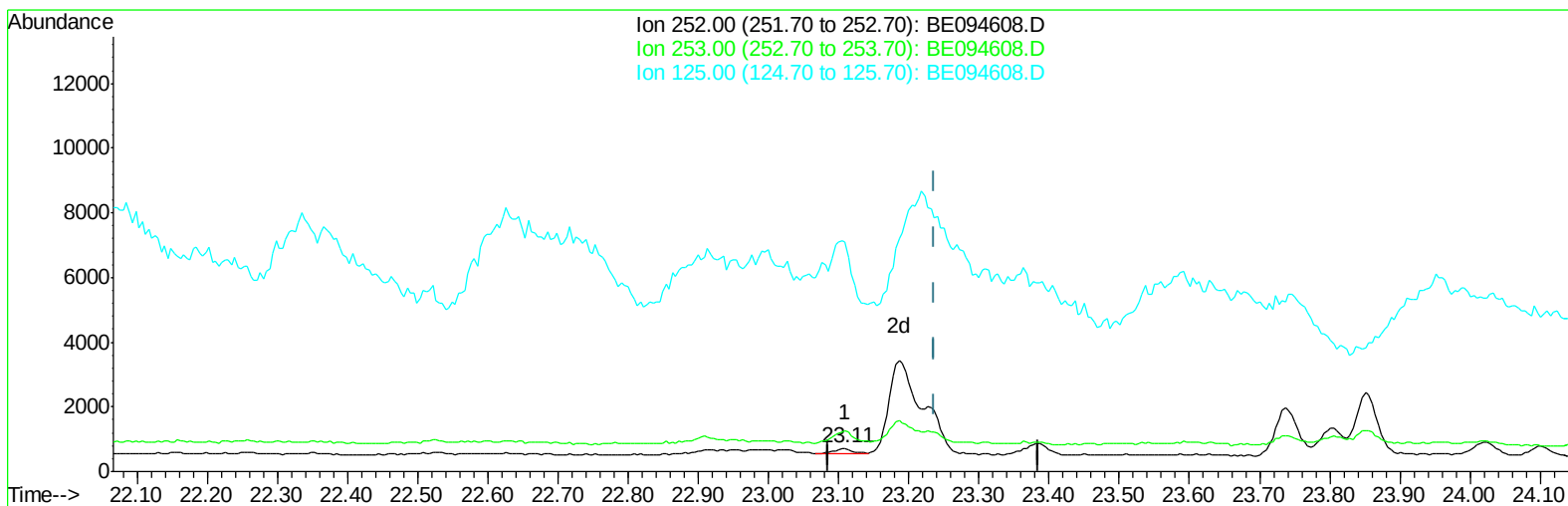
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

(22) Benzo(k)fluoranthene
23.109min (-0.127) 0.02ng/ul
response 350

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	171.35#
125.00	17.10	979.06#
0.00	0.00	0.00

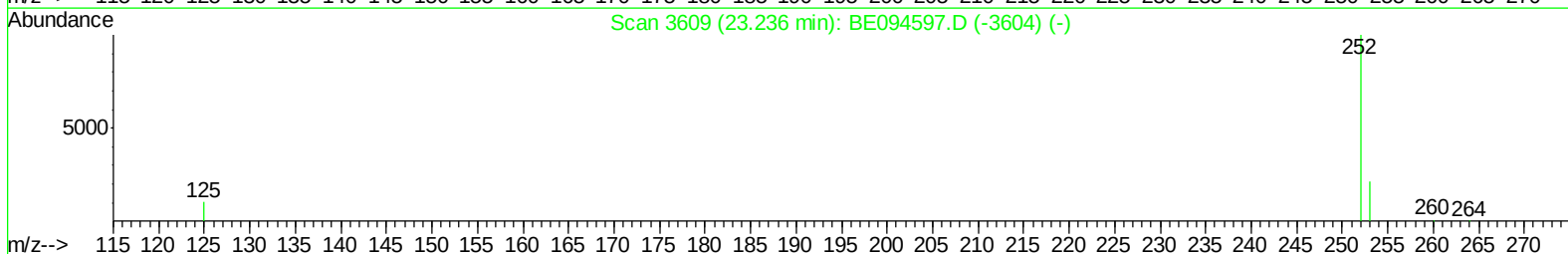
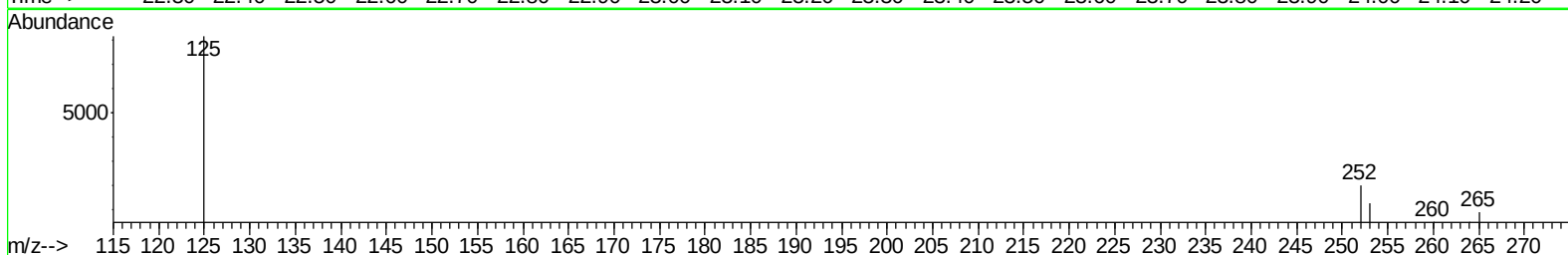
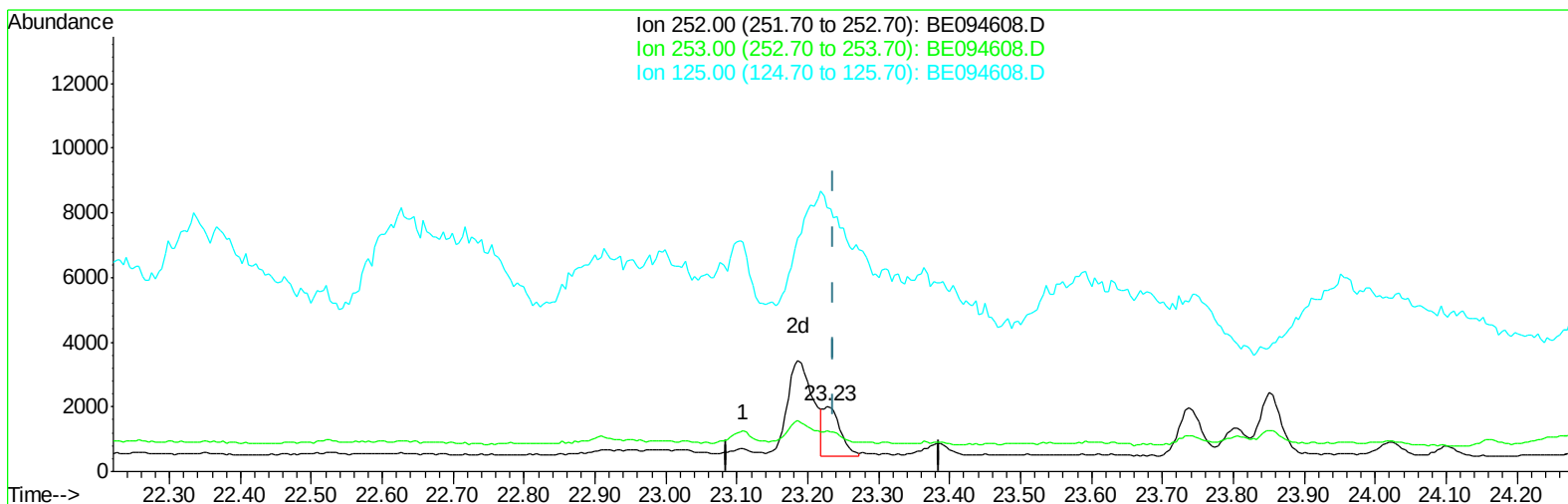
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

(22) Benzo(k)fluoranthene

23.227min (-0.009) 0.13ng/ul m

response 2646

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	61.90#
125.00	17.10	403.36#
0.00	0.00	0.00

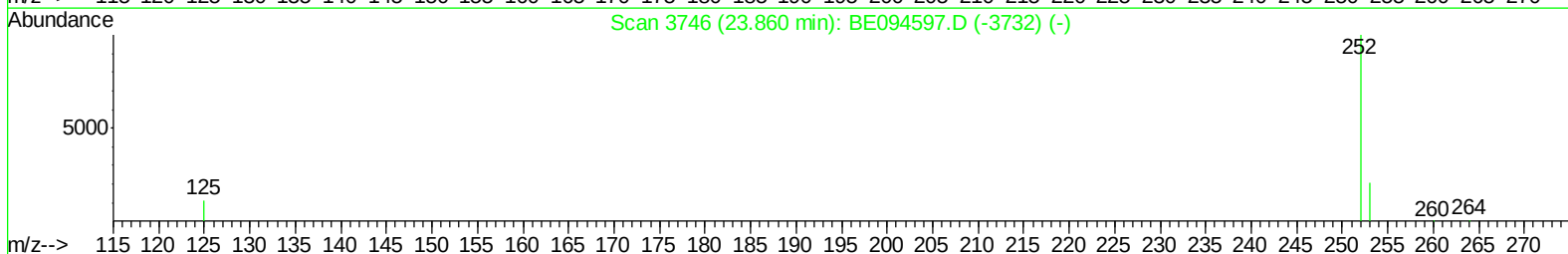
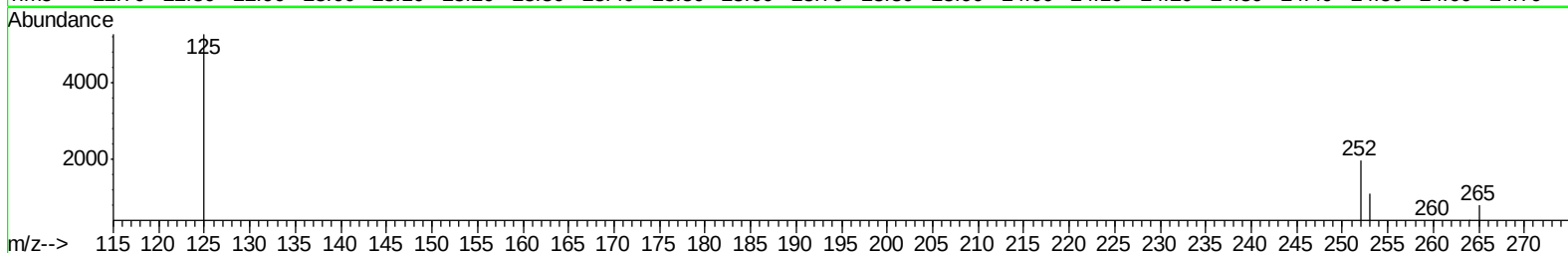
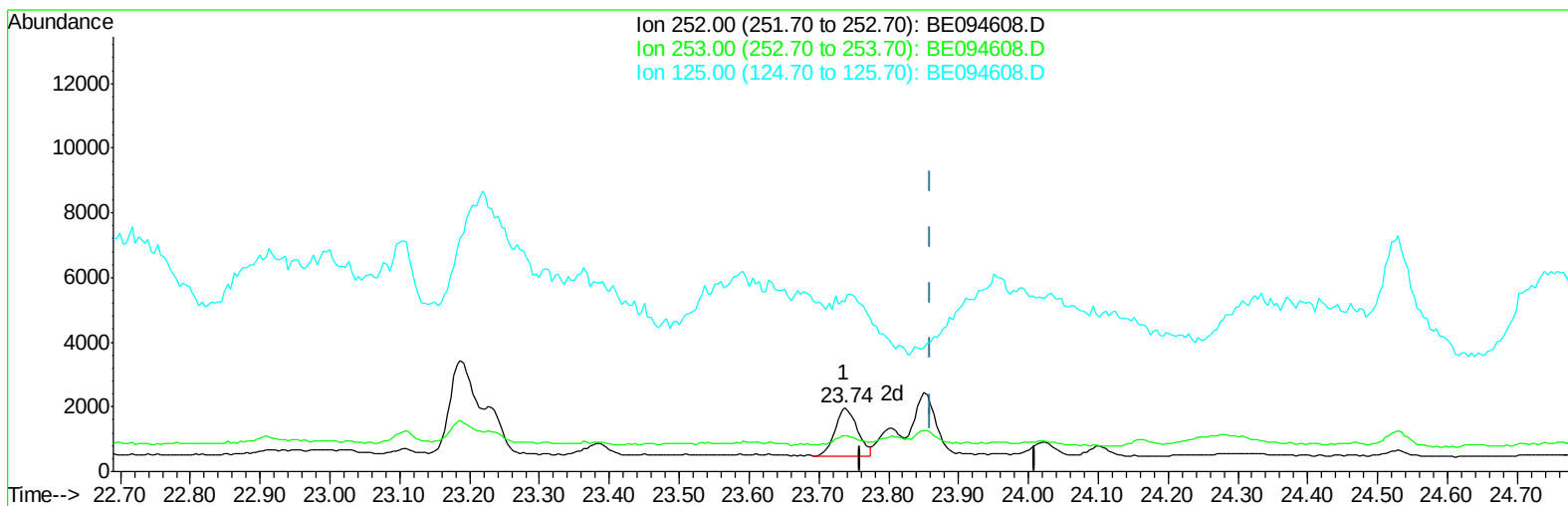
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

(23) Benzo(a)pyrene (C)

23.737min (-0.123) 0.17ng/ul

response 3289

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	56.95#
125.00	22.60	268.40#
0.00	0.00	0.00

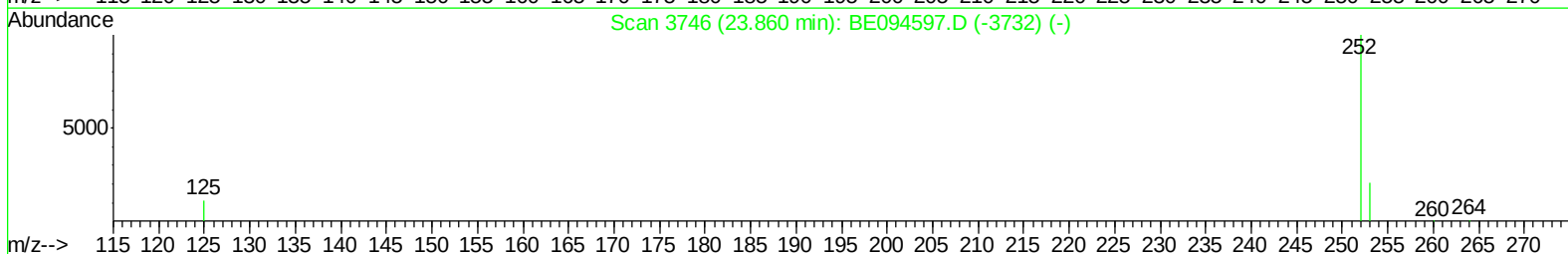
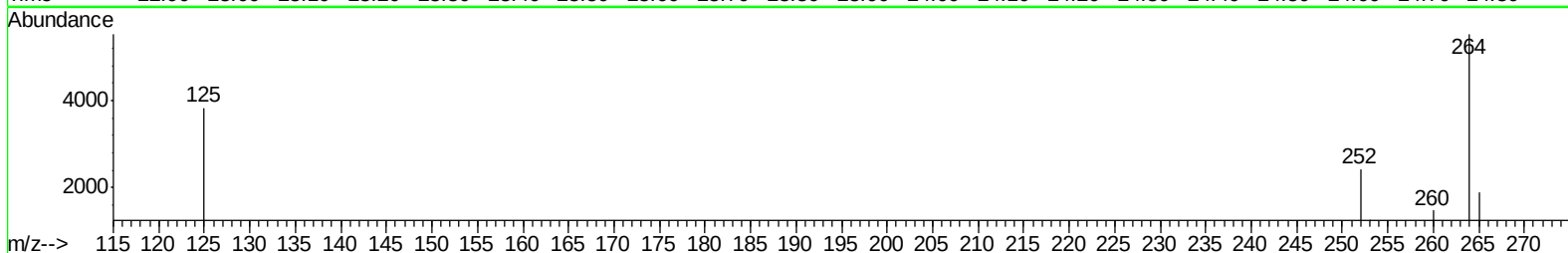
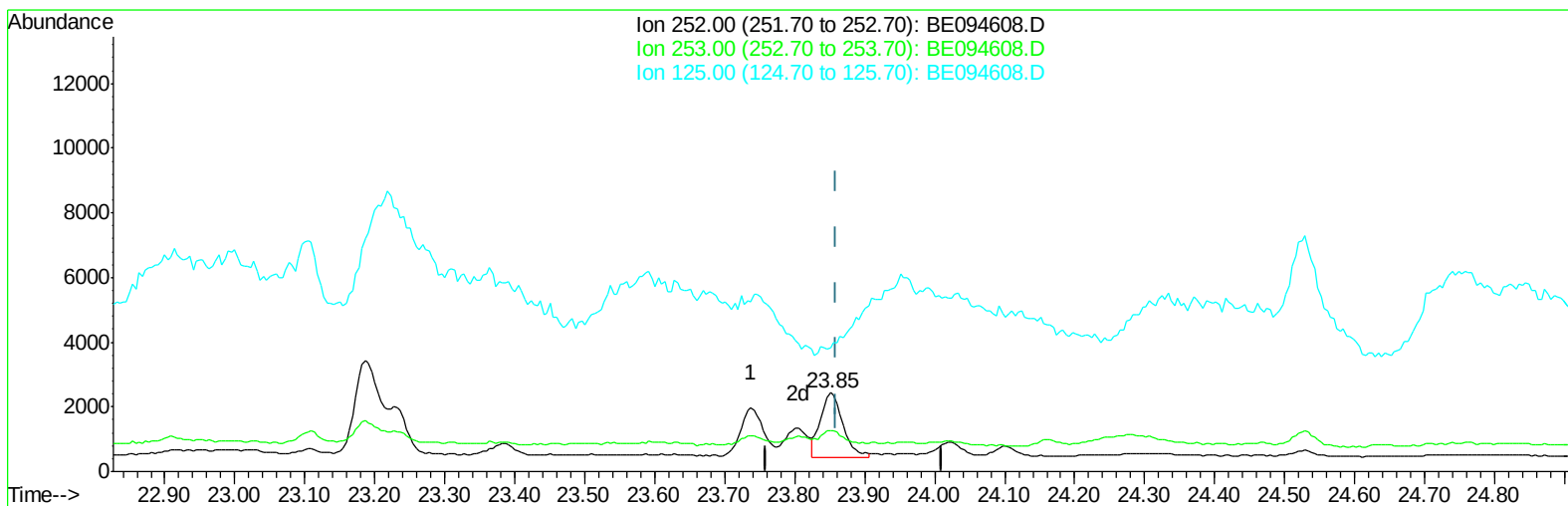
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

(23) Benzo(a)pyrene (C)

23.851min (-0.009) 0.23ng/ul m

response 4401

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	51.50#
125.00	22.60	157.58#
0.00	0.00	0.00

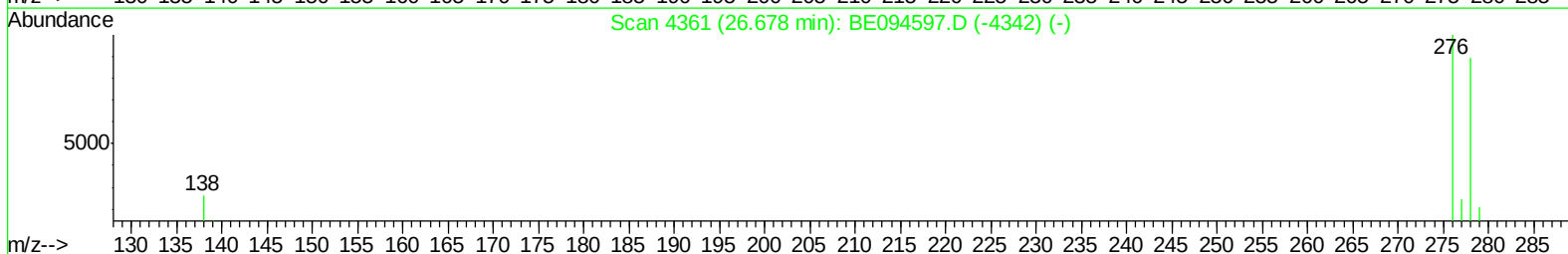
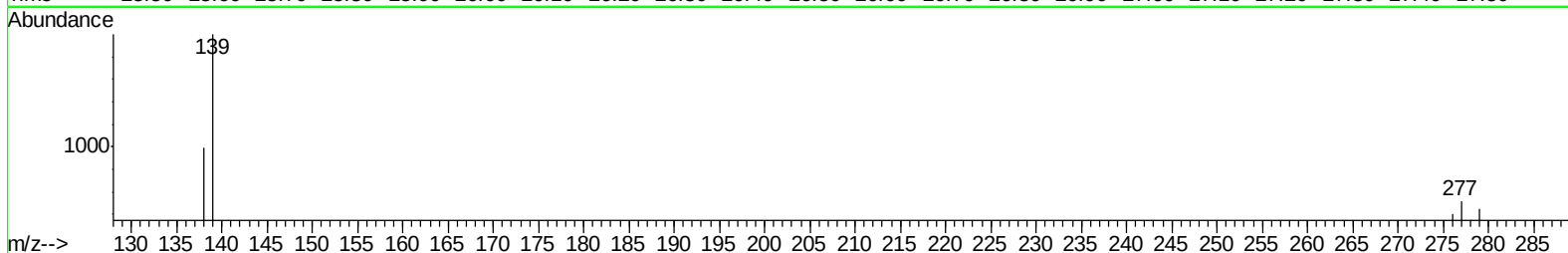
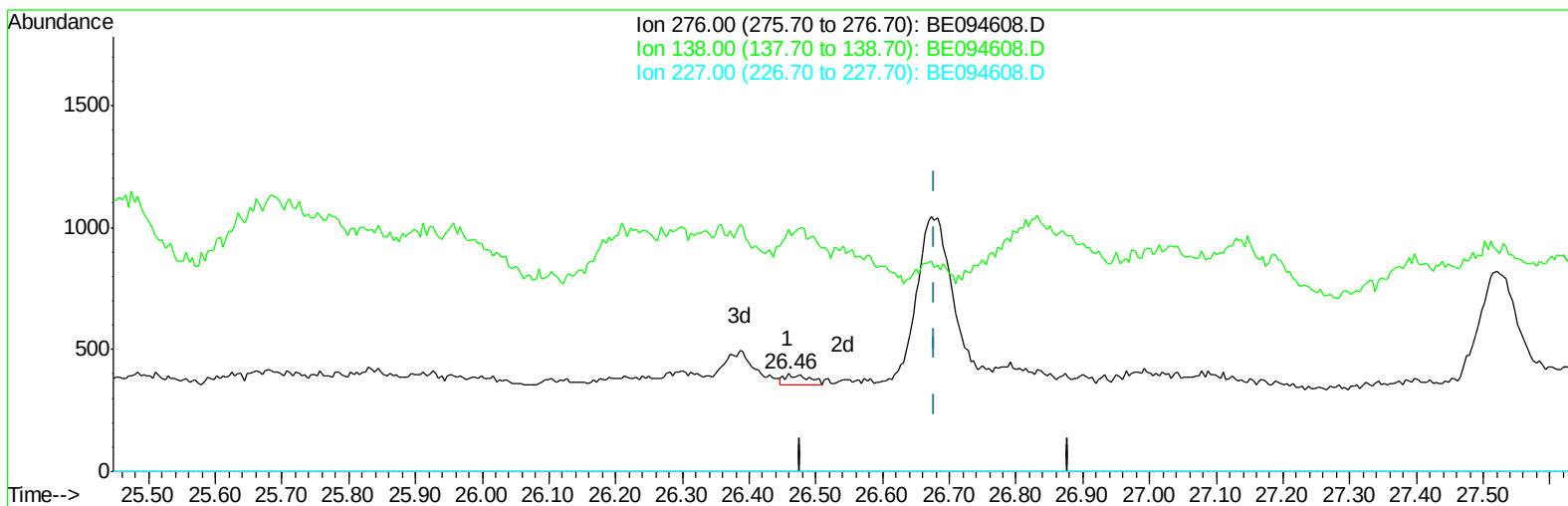
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

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

26.459min (-0.219) 0.01ng/ul

response 104

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

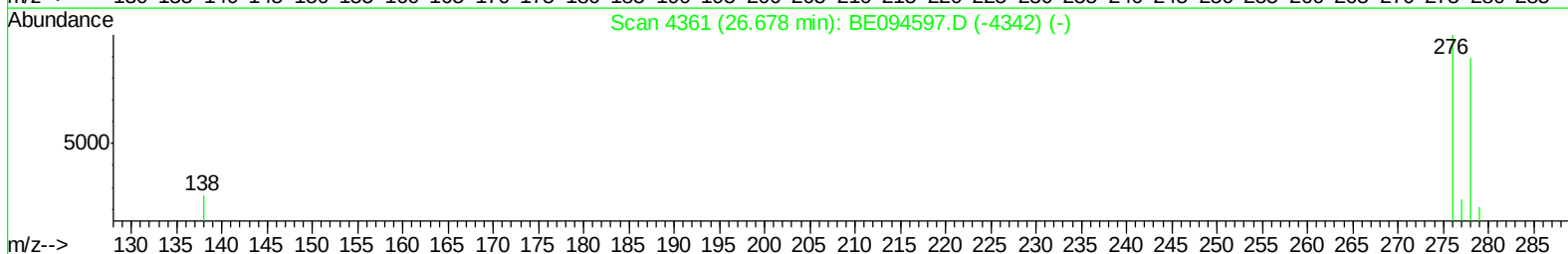
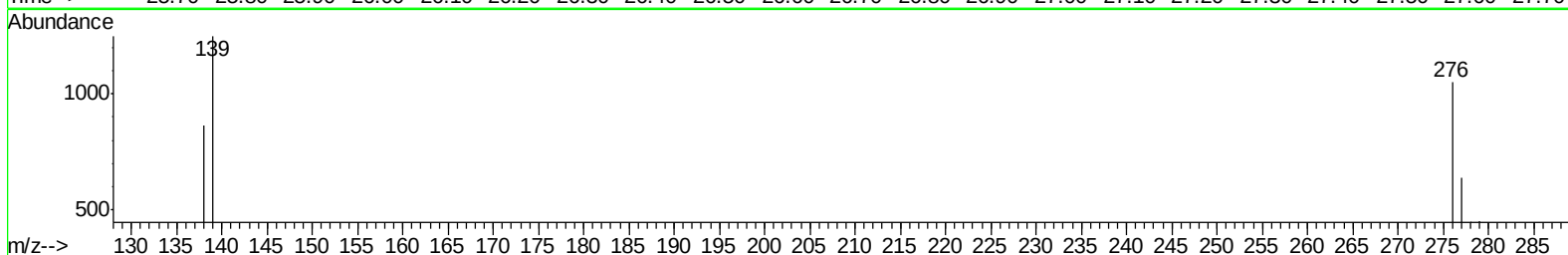
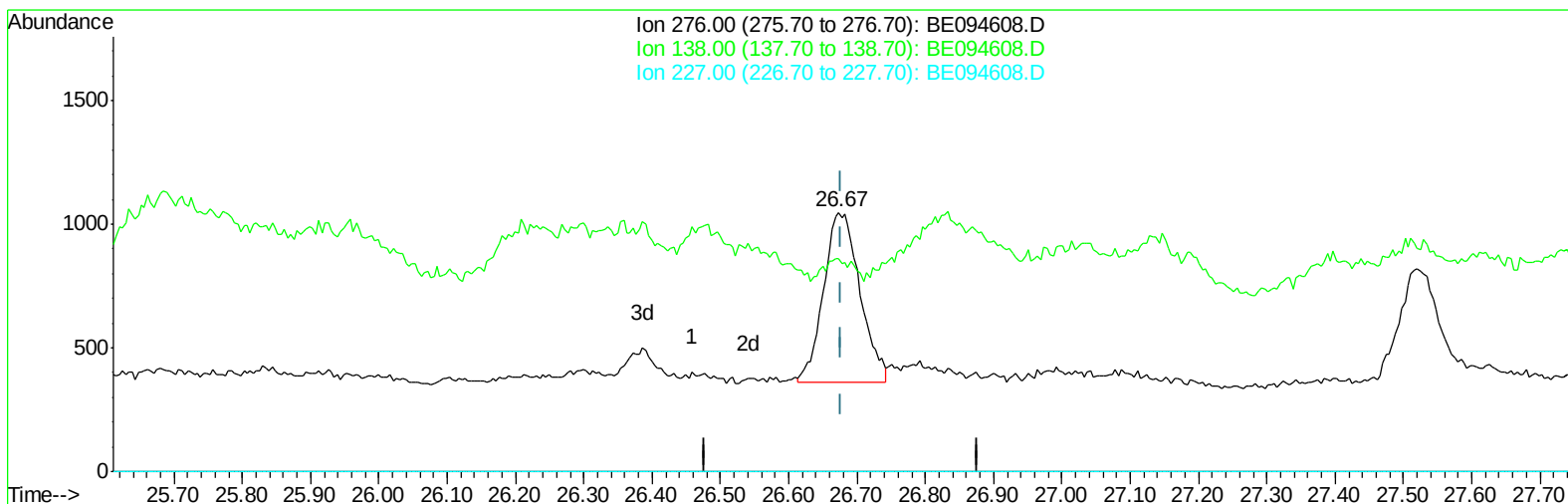
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

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

26.673min (-0.005) 0.13ng/ul m

response 2518

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

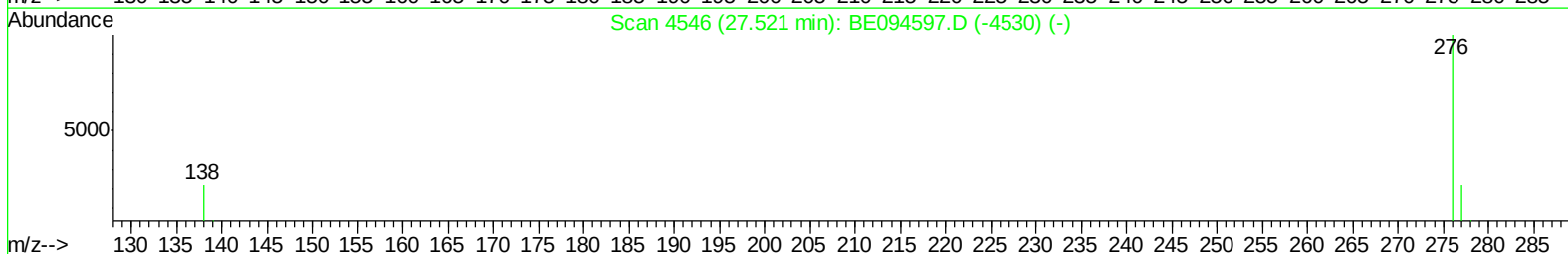
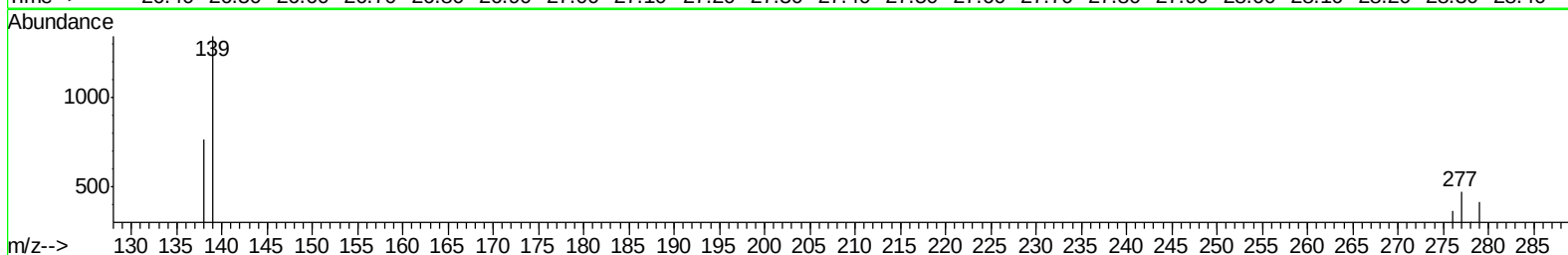
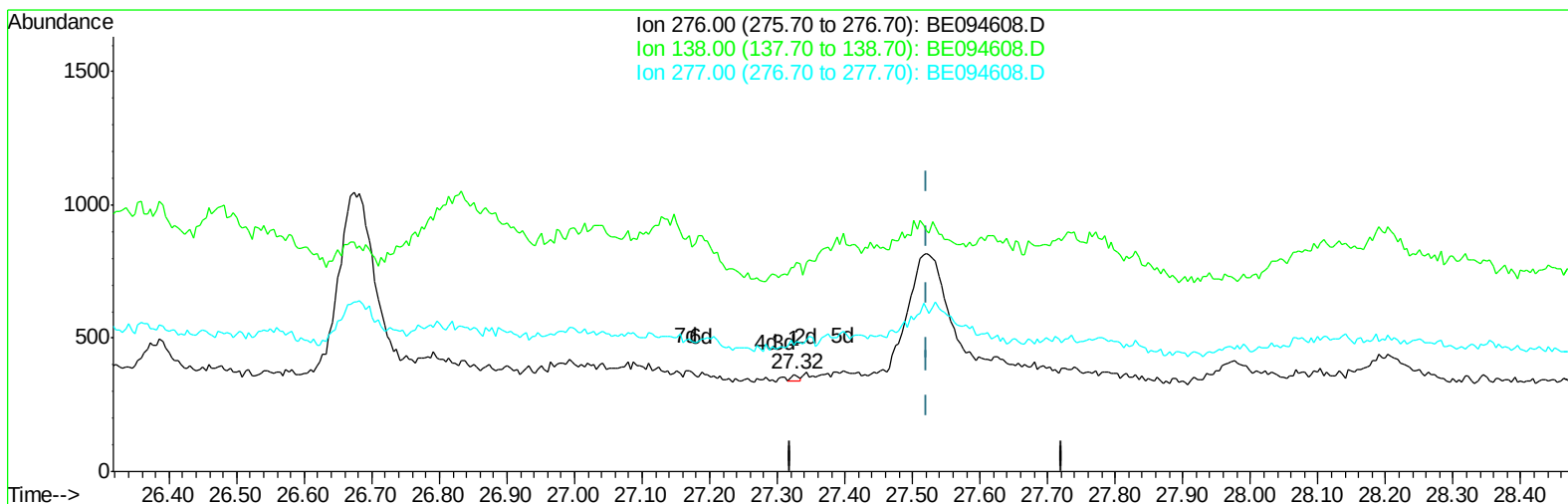
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

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

27.324min (-0.196) 0.00ng/ul

response 19

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	209.56#
277.00	25.60	129.23#
0.00	0.00	0.00

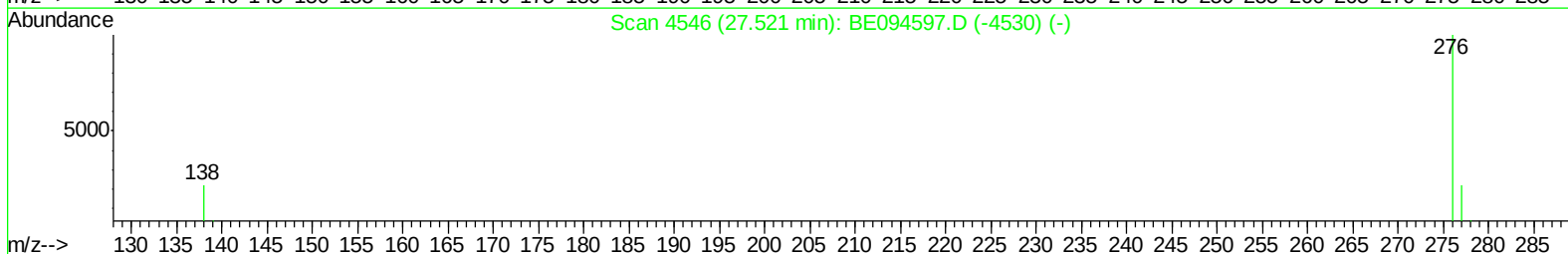
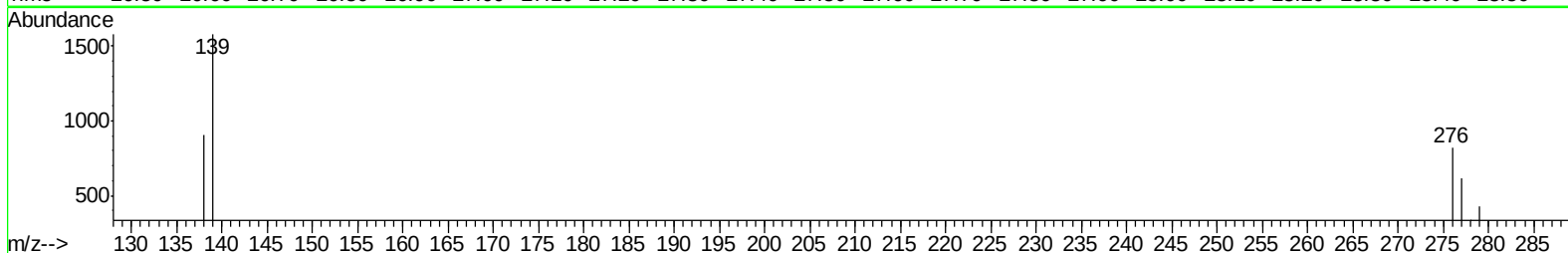
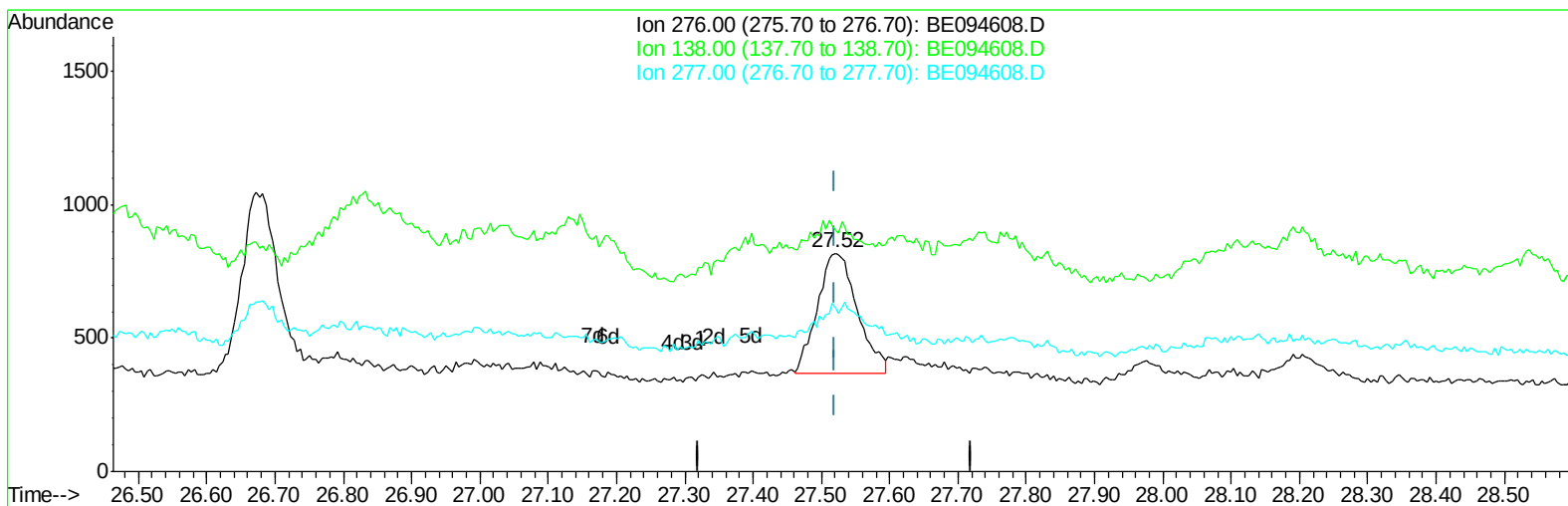
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094608.D
Acq On : 27 Oct 2017 22:33
Operator : SJ/JU
Sample : I5842-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations
APPROVED

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

Quant Time: Oct 30 01:58:16 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: BE094608.D

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

27.520min (-0.000) 0.11ng/ul m

response 1818

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	110.24#
277.00	25.60	74.88#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094608.D
 Acq On : 27 Oct 2017 22:33
 Operator : SJ/JU
 Sample : I5842-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB1

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 02:04:07 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	1062	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6240	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	3753	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8195m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	7548	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	6801m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3488	0.34	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	8199	0.34	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.29	178	2294	0.11	ng/ul#	80
15) Fluoranthene	19.31	202	9947	0.40	ng/ul	85
17) Pyrene	19.68	202	10086	0.43	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	4507	0.21	ng/ul#	61
19) Chrysene	21.47	228	5470	0.25	ng/ul#	54
21) Benzo(b)fluoranthene	23.19	252	7235m	0.38	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	2646m	0.13	ng/ul	
23) Benzo(a)pyrene	23.85	252	4401m	0.23	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	2518m	0.13	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	1818m	0.11	ng/ul	

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

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