

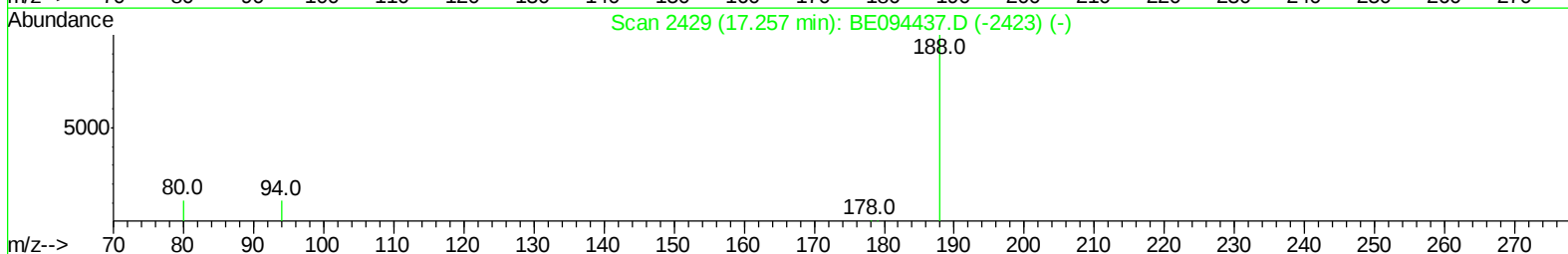
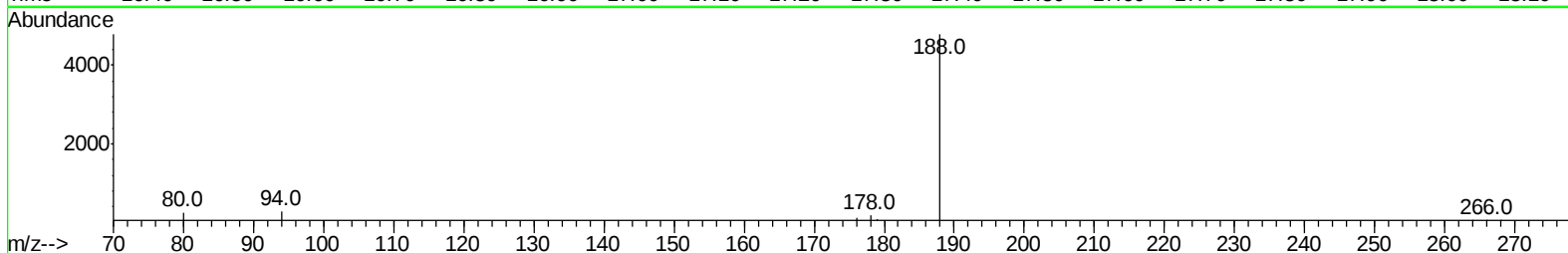
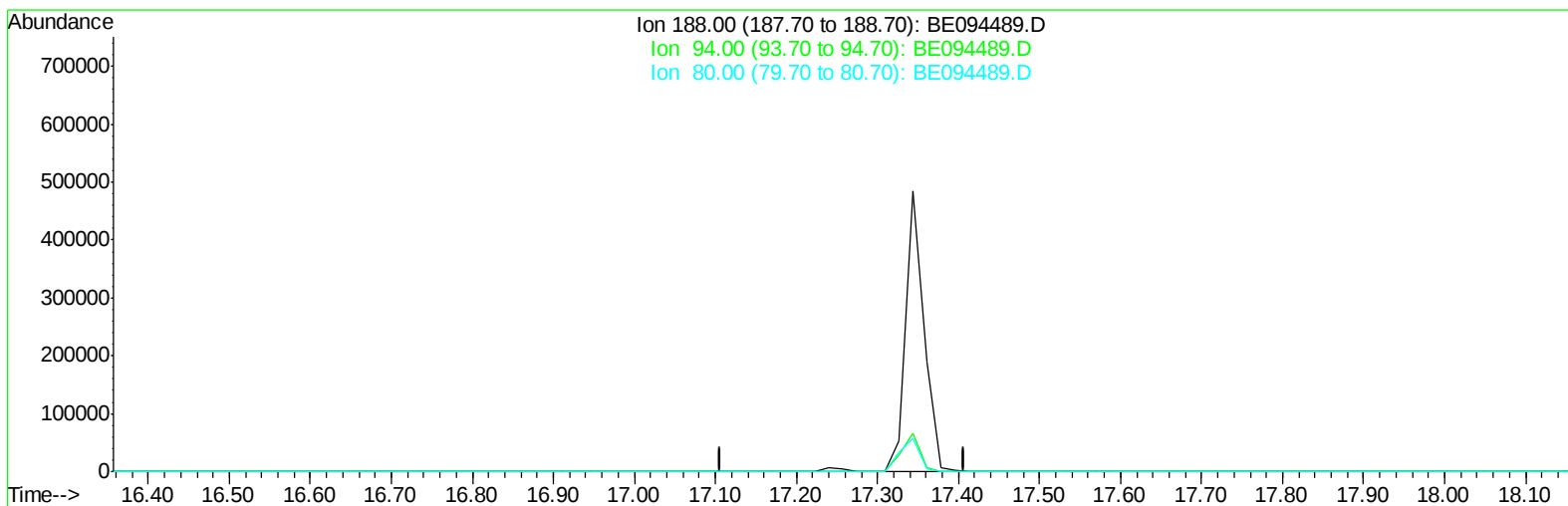
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 02:49:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

(10) Phenanthrene-d10 (I)

17.257min (-17.257) 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

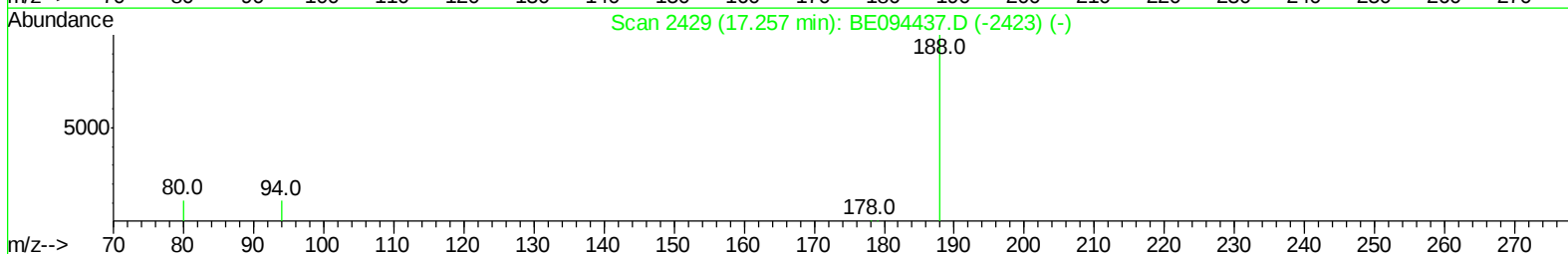
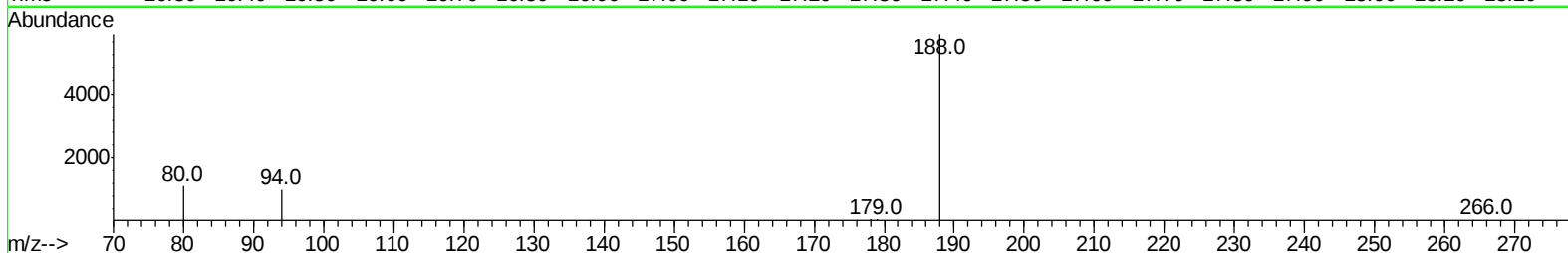
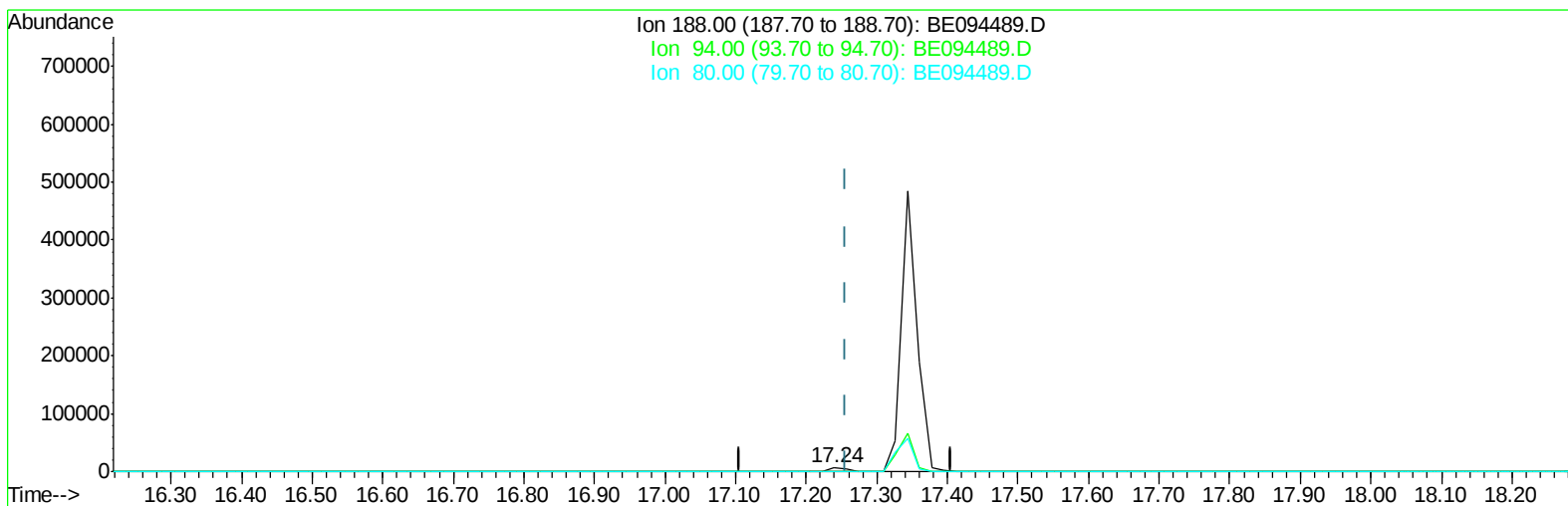
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:32:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

(10) Phenanthrene-d10 (I)

17.240min (-0.017) 0.40ng/ul m

response 11665

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	17.04#
80.00	11.80	18.90#
0.00	0.00	0.00

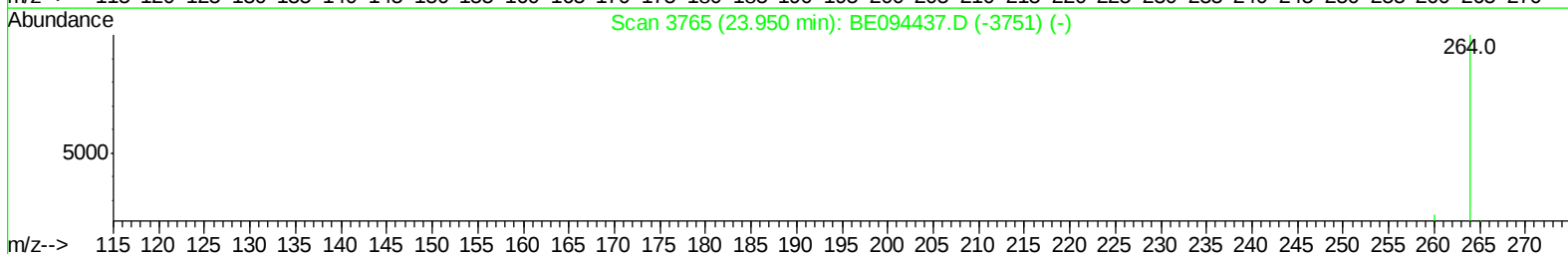
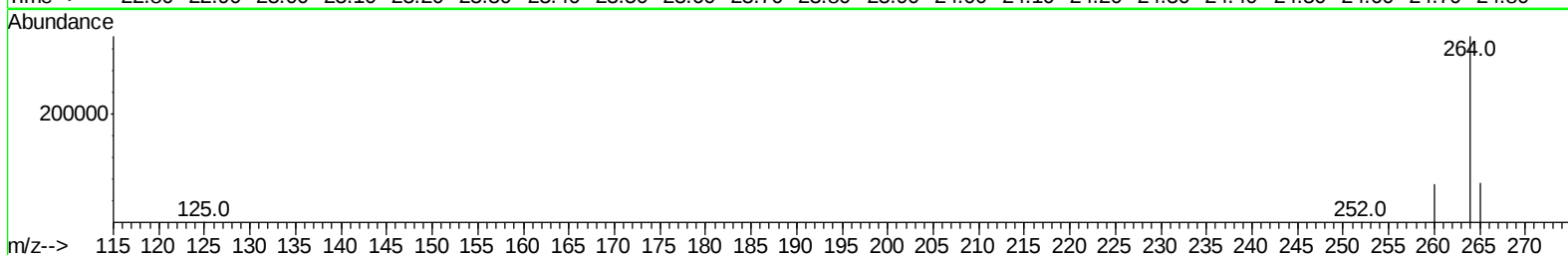
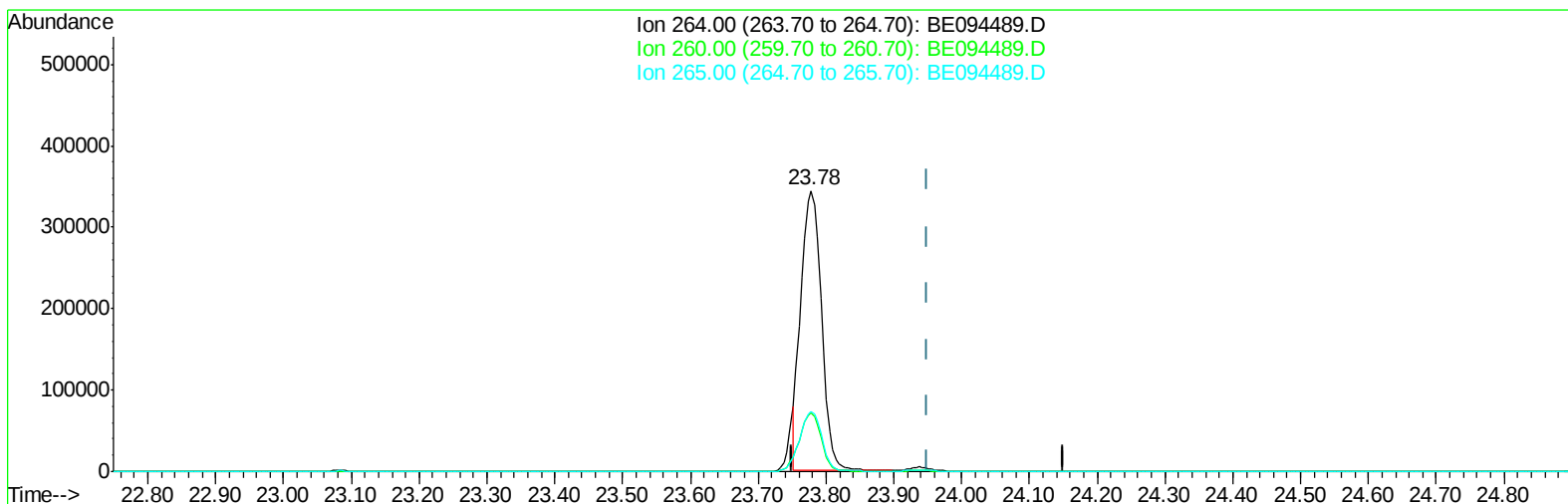
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:32:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

(20) Perylene-d12 (I)

23.778min (-0.172) 0.40ng/ul

response 729891

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.79#
265.00	103.50	21.54#
0.00	0.00	0.00

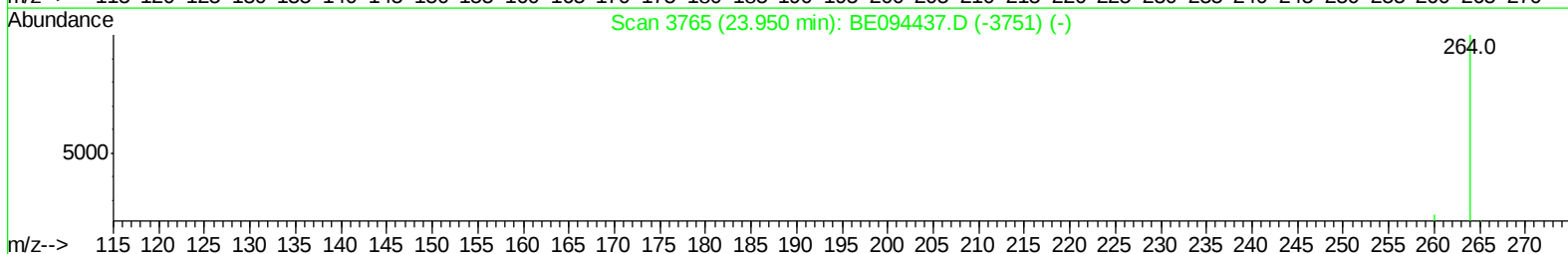
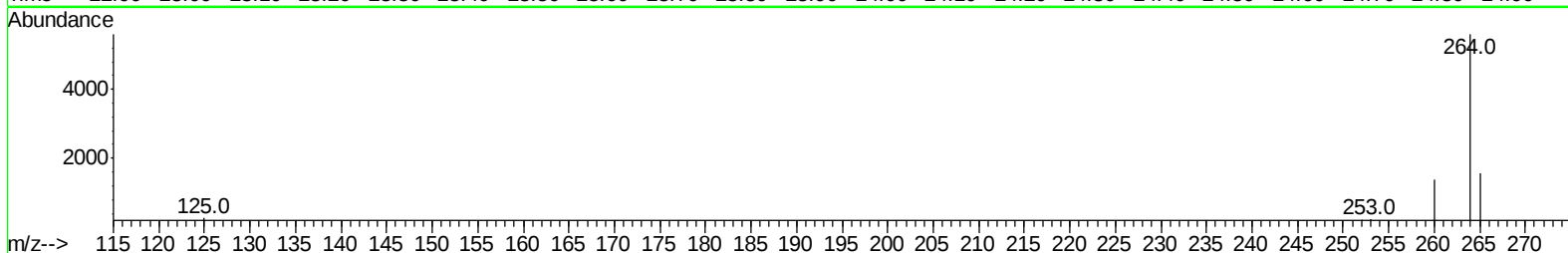
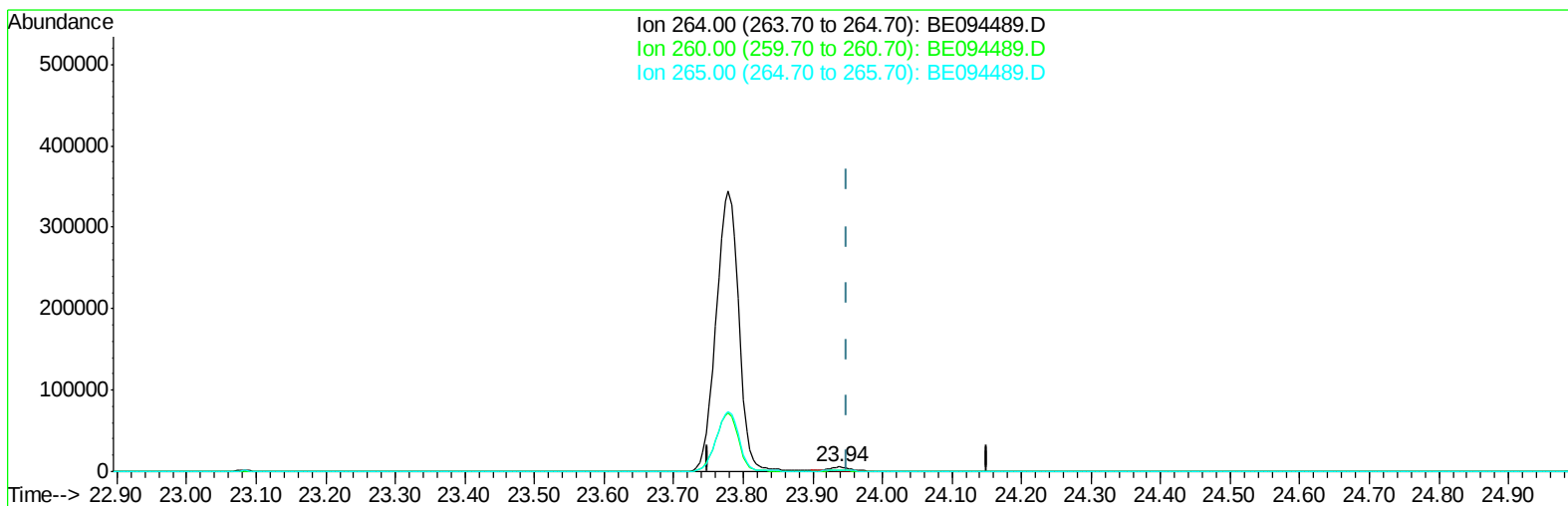
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
 Data File : BE094489.D
 Acq On : 20 Oct 2017 23:58
 Operator : SJ/JU
 Sample : I5840-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF1

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:32:49 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 17:51:02 2017
 Response via : Initial Calibration



TIC: BE094489.D

(20) Perylene-d12 (I)

23.938min (-0.013) 0.40ng/ul m

response 10543

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.75
265.00	103.50	27.76#
0.00	0.00	0.00

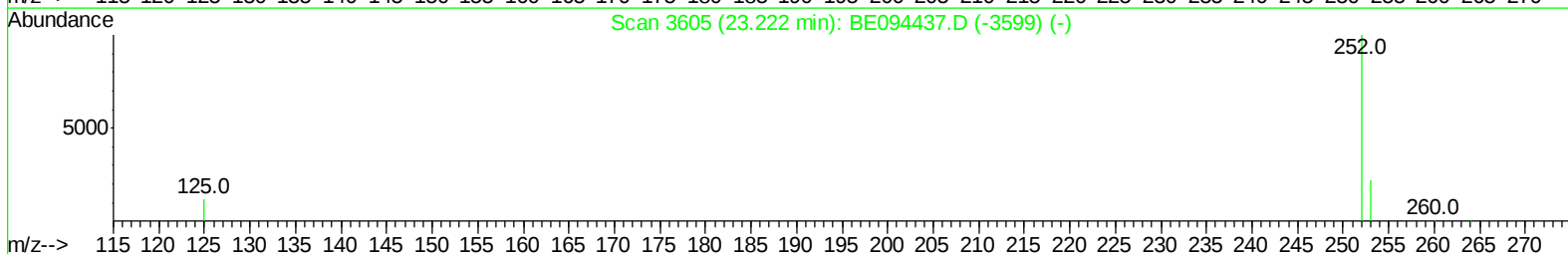
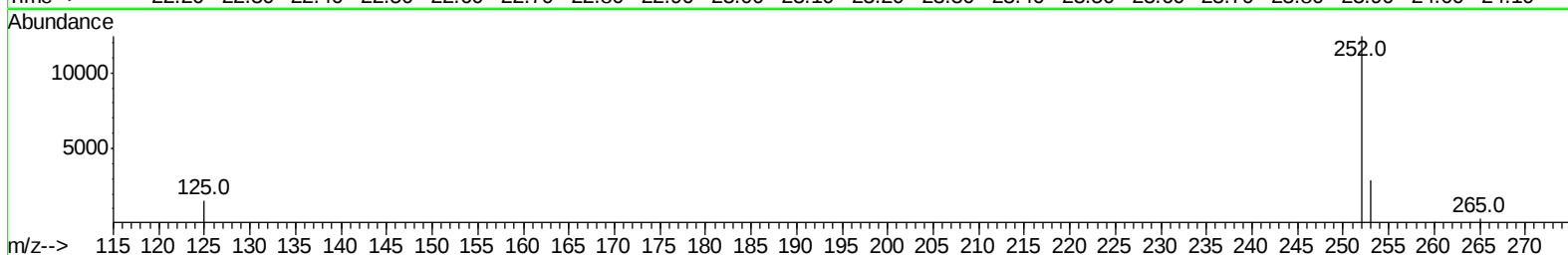
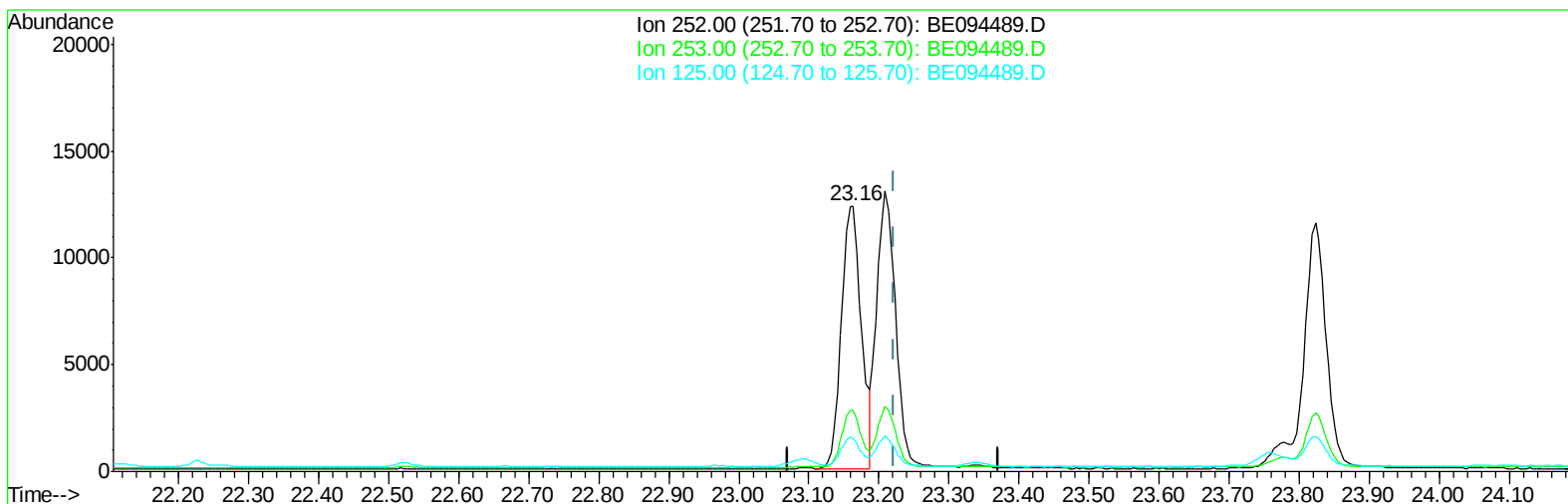
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

(22) Benzo(k)fluoranthene

23.163min (-0.058) 0.73ng/ul

response 24132

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.07#
125.00	17.10	12.35#
0.00	0.00	0.00

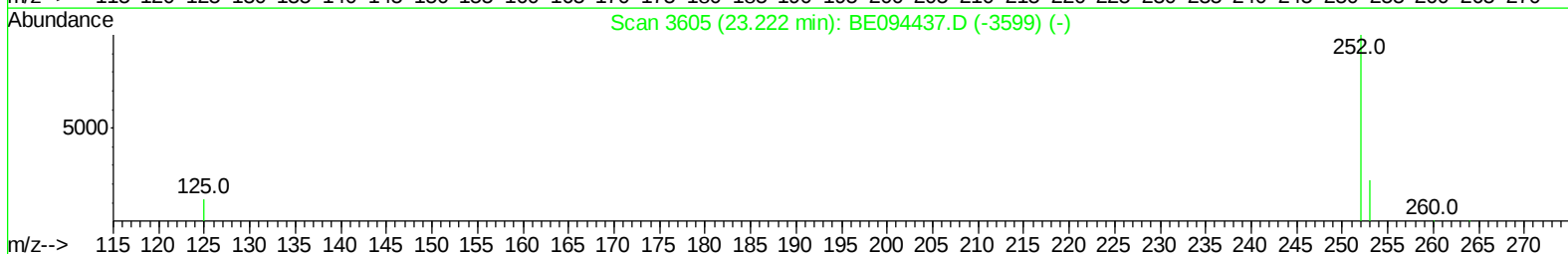
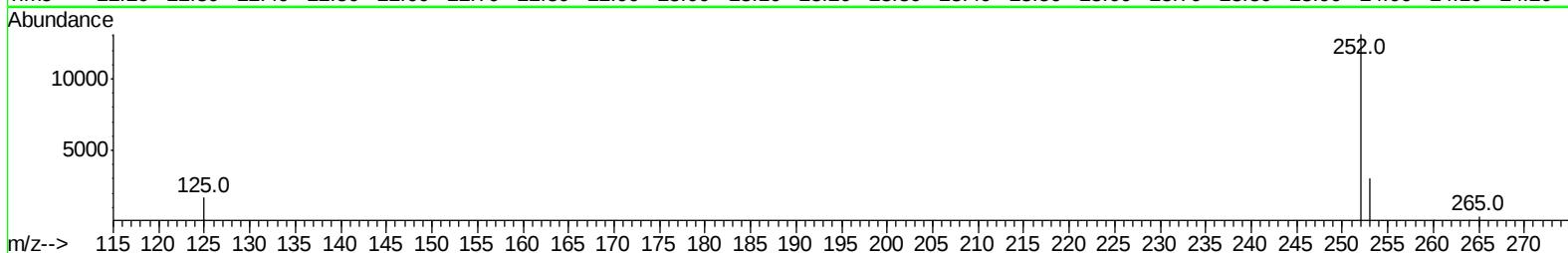
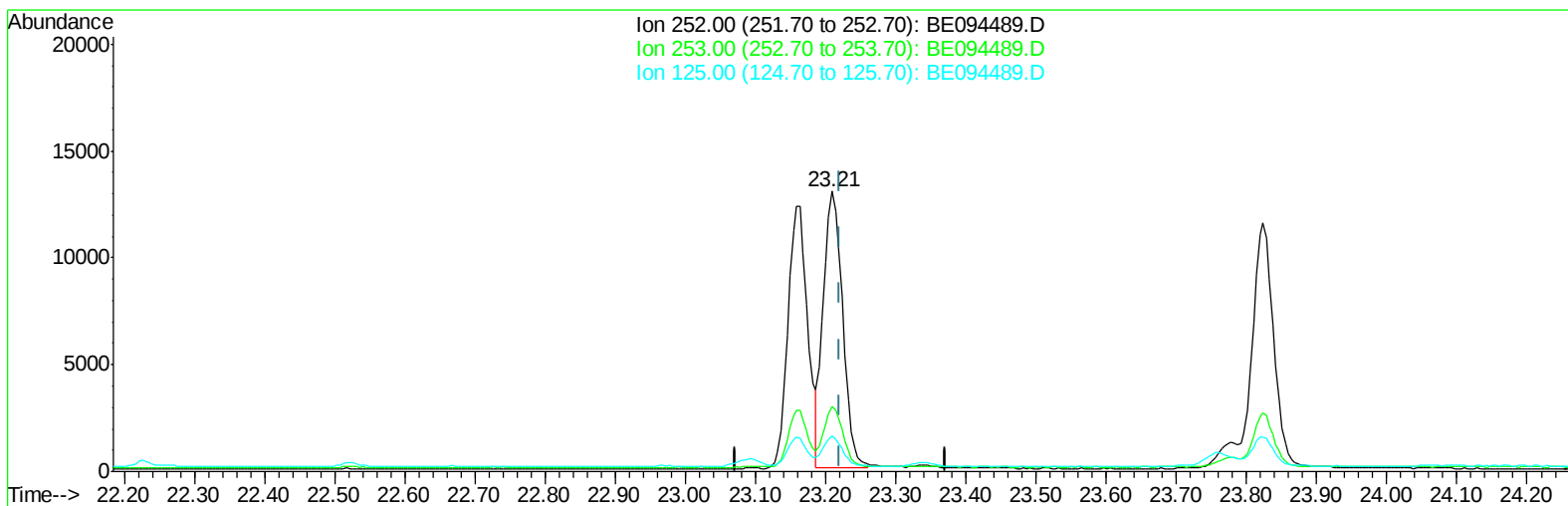
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

(22) Benzo(k)fluoranthene

23.209min (-0.013) 0.73ng/ul m

response 24209

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.02#
125.00	17.10	12.77#
0.00	0.00	0.00

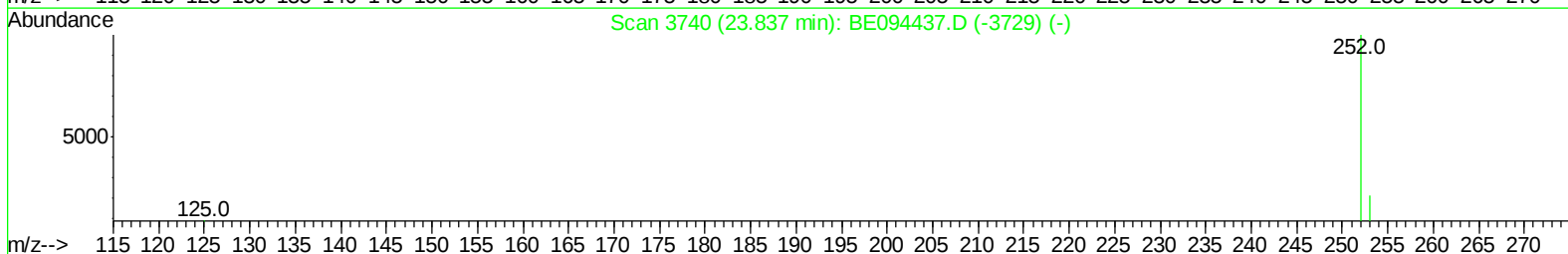
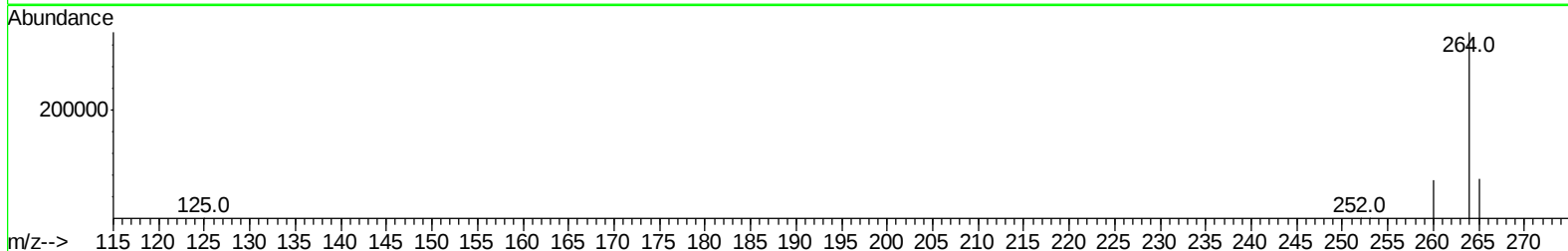
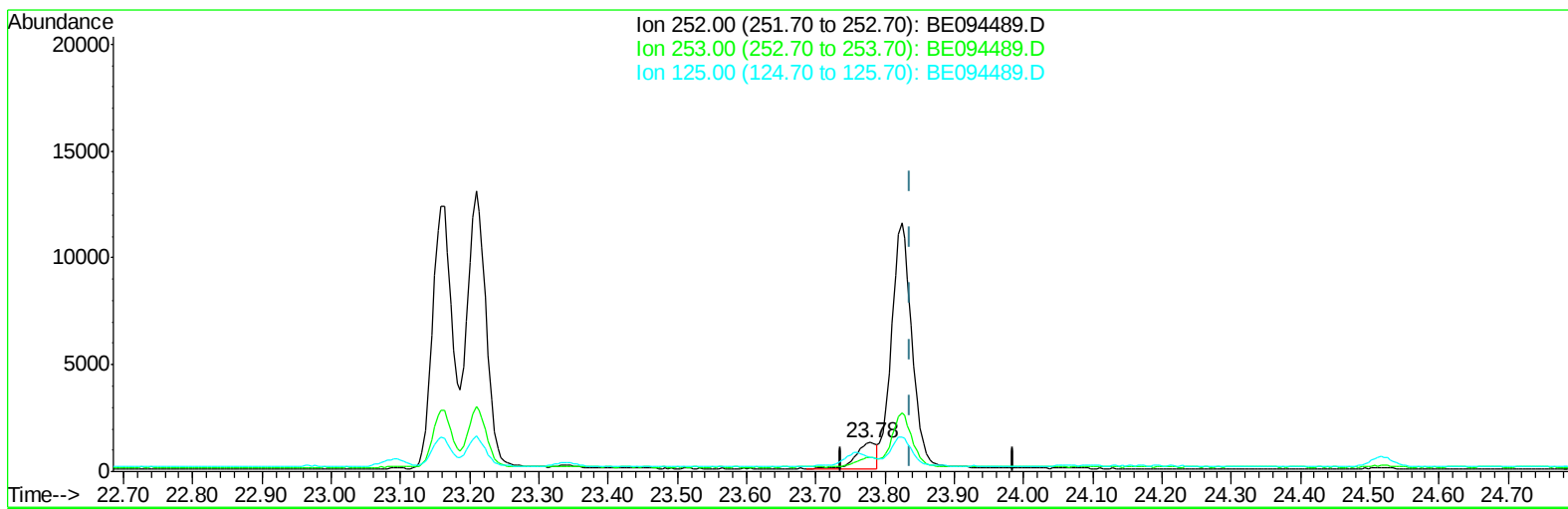
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

(23) Benzo(a)pyrene (C)

23.778min (-0.058) 0.08ng/ul

response 2461

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	46.66#
125.00	22.60	50.11#
0.00	0.00	0.00

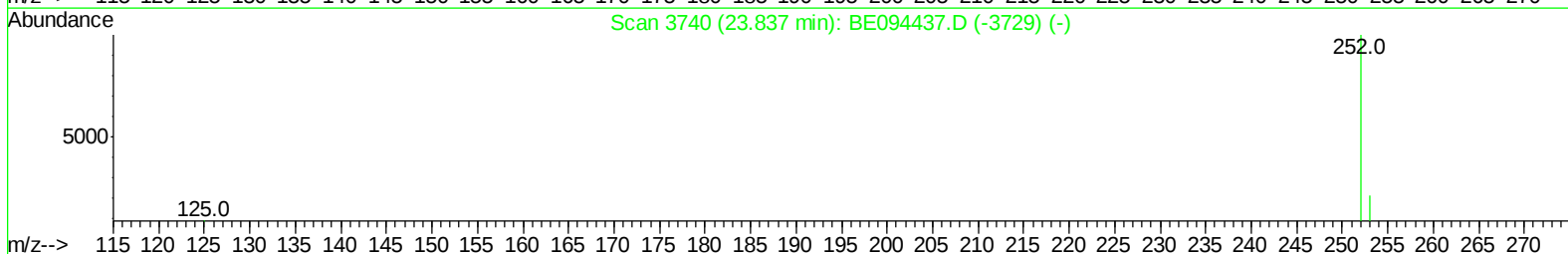
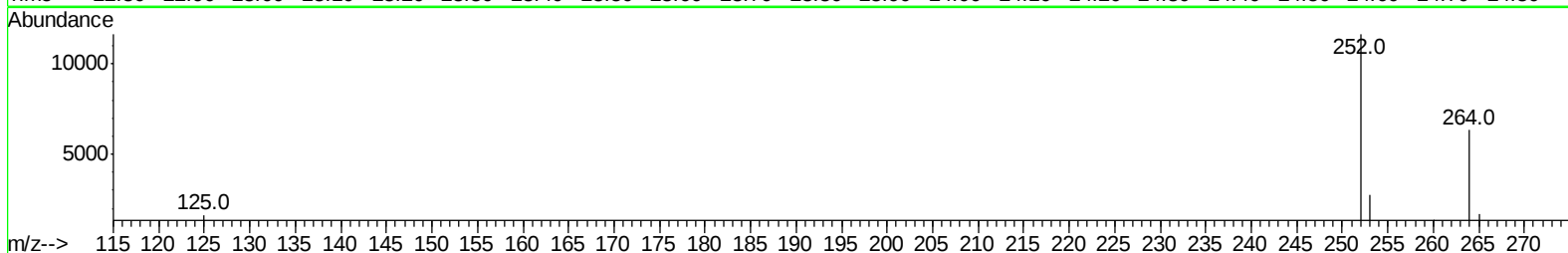
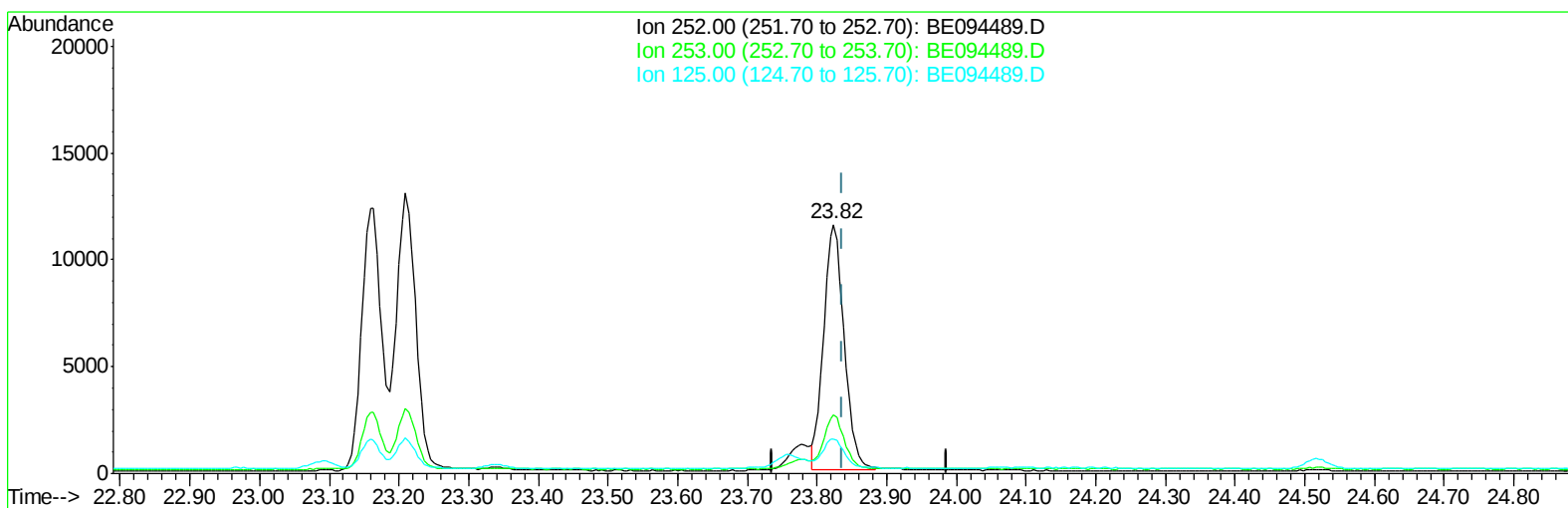
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

(23) Benzo(a)pyrene (C)

23.824min (-0.013) 0.79ng/ul m

response 23408

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.42#
125.00	22.60	14.08#
0.00	0.00	0.00

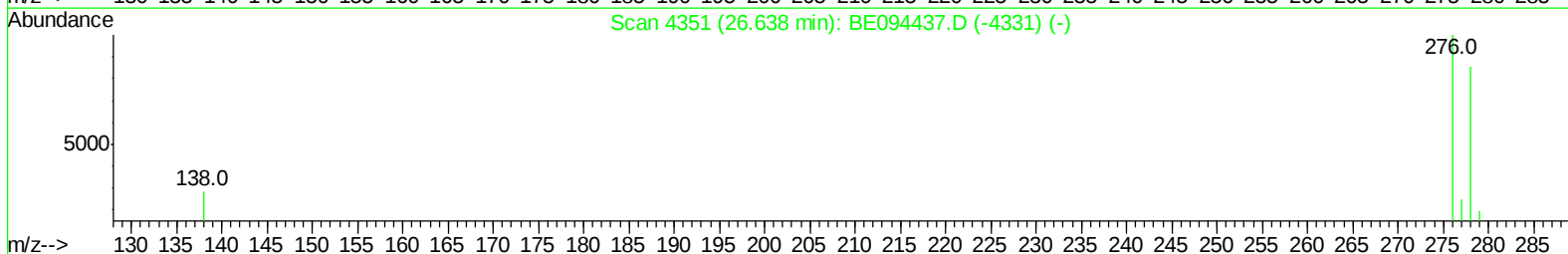
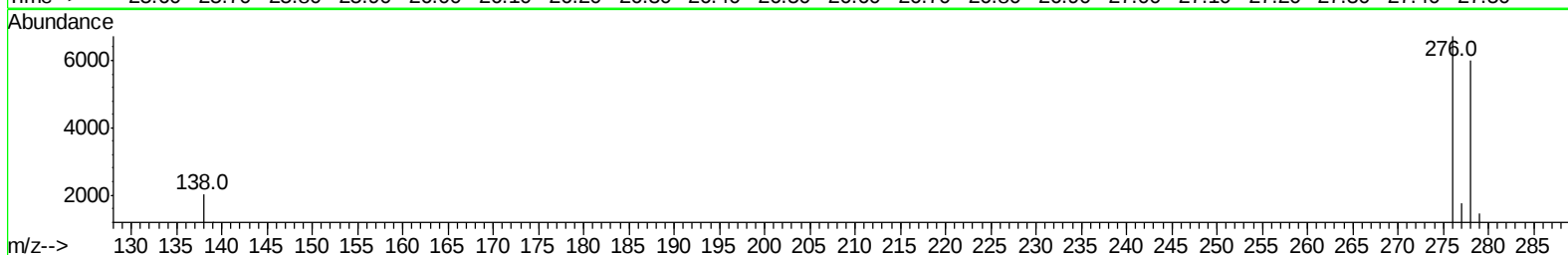
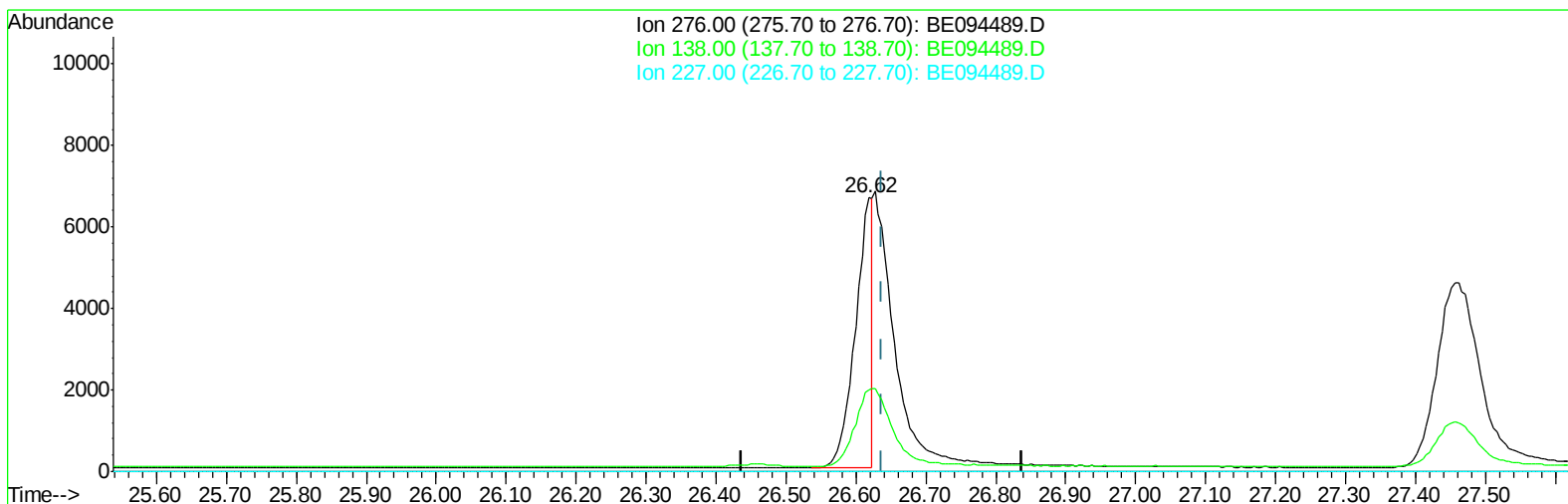
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

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

26.618min (-0.019) 0.37ng/ul

response 11341

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	34.59
227.00	10.00	0.00#
0.00	0.00	0.00

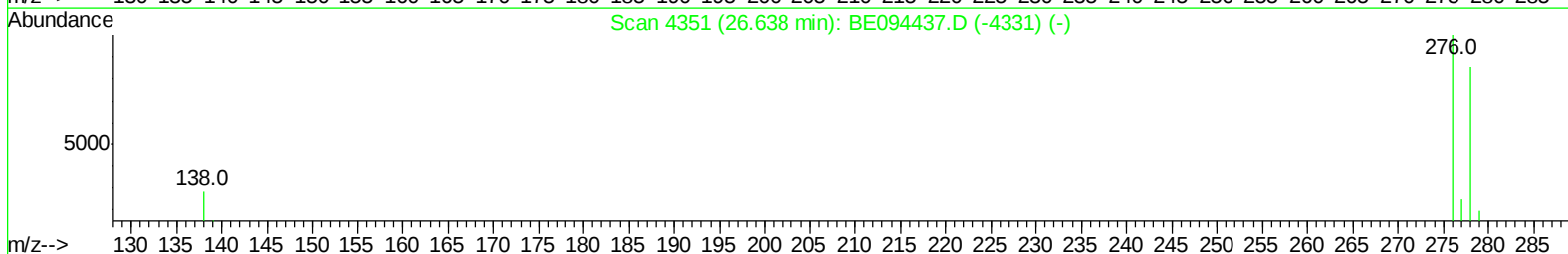
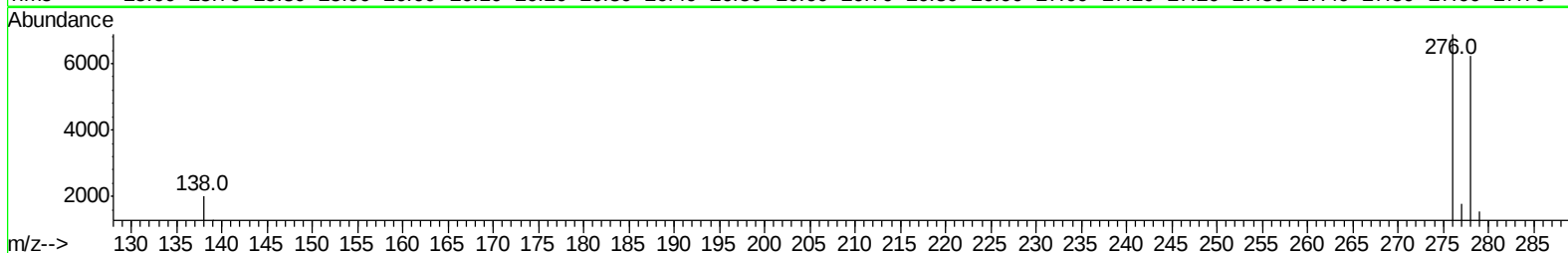
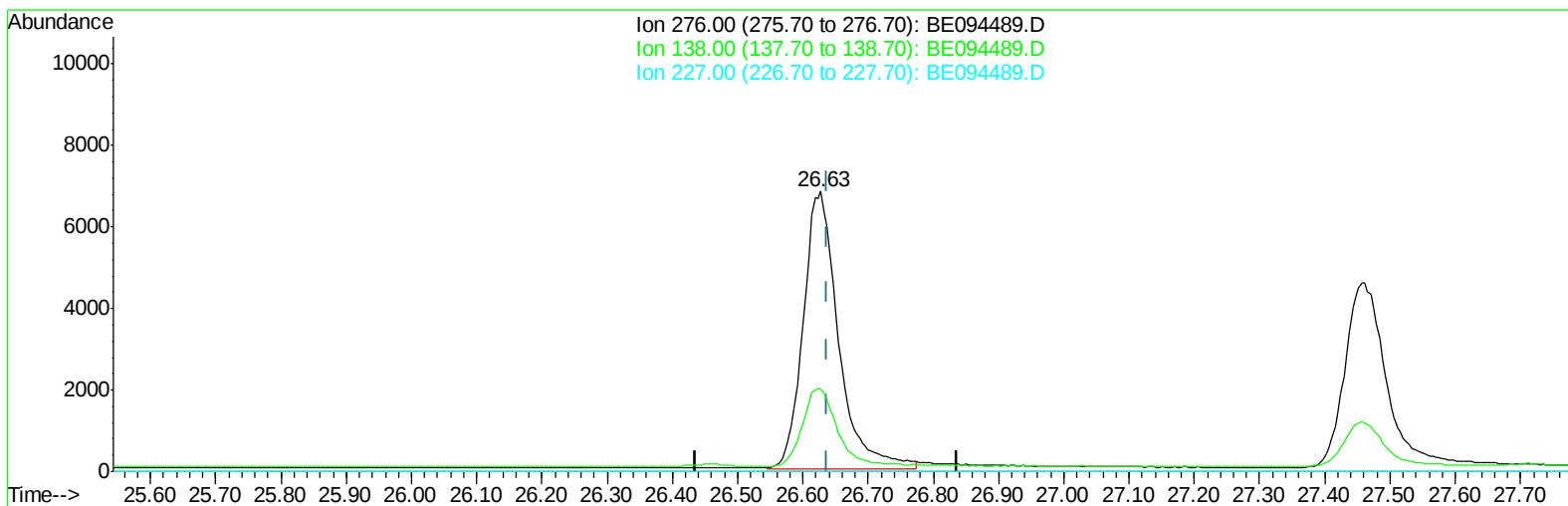
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

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

26.627min (-0.010) 0.84ng/ul m

response 25561

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	15.35#
227.00	10.00	0.00#
0.00	0.00	0.00

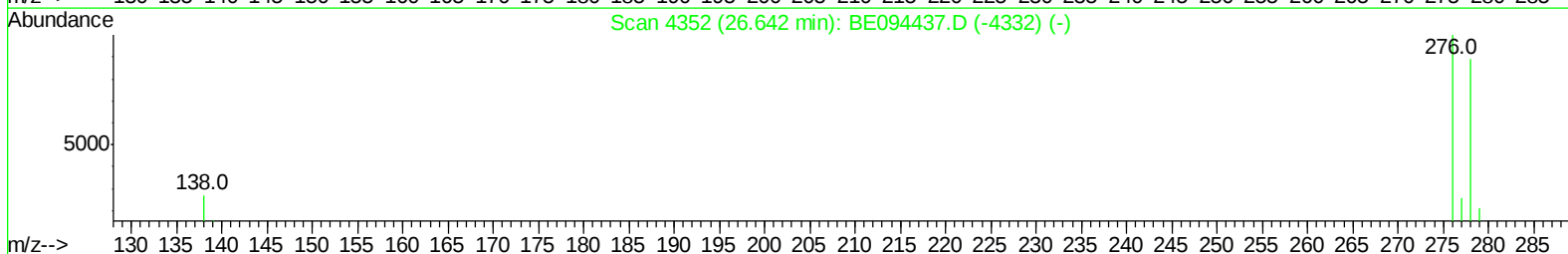
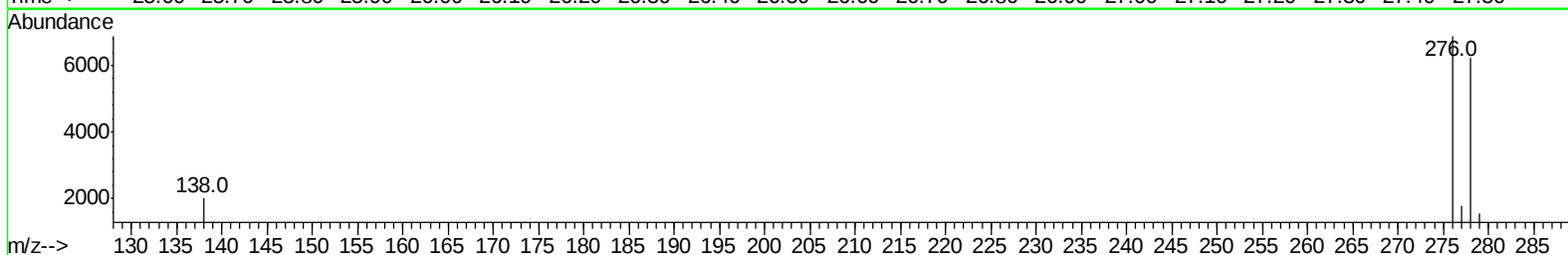
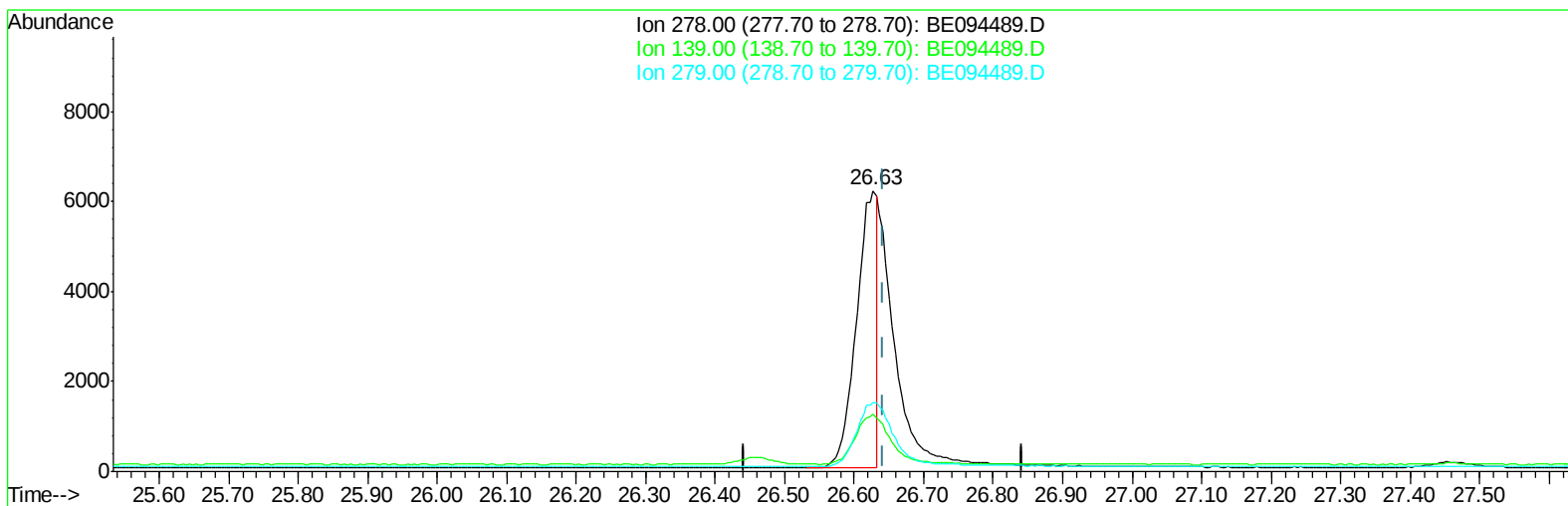
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

(25) Dibenzo(a,h)anthracene

26.627min (-0.015) 0.49ng/ul

response 12414

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.57
279.00	32.40	24.77#
0.00	0.00	0.00

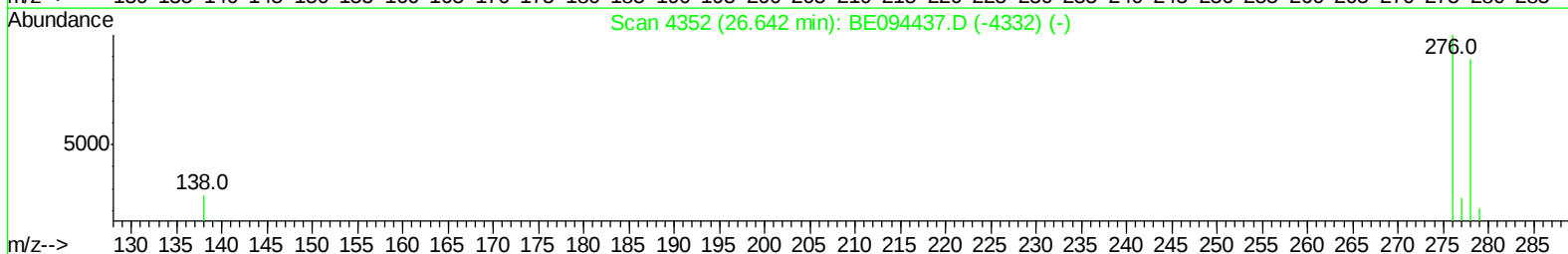
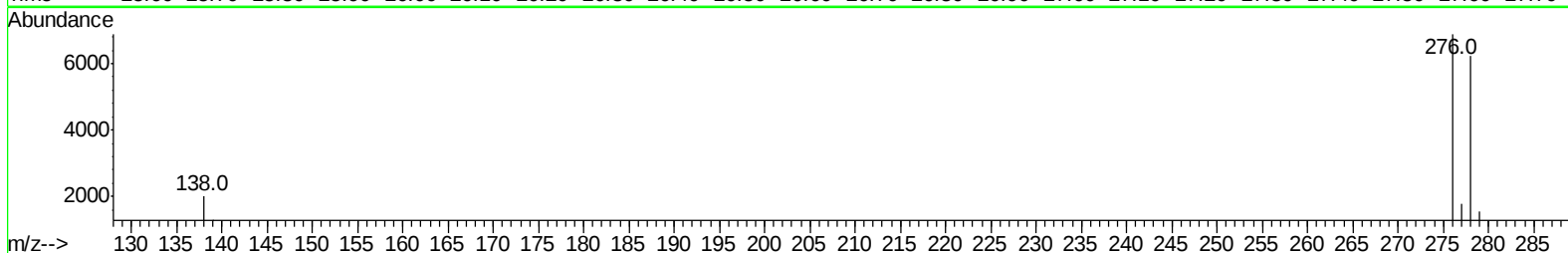
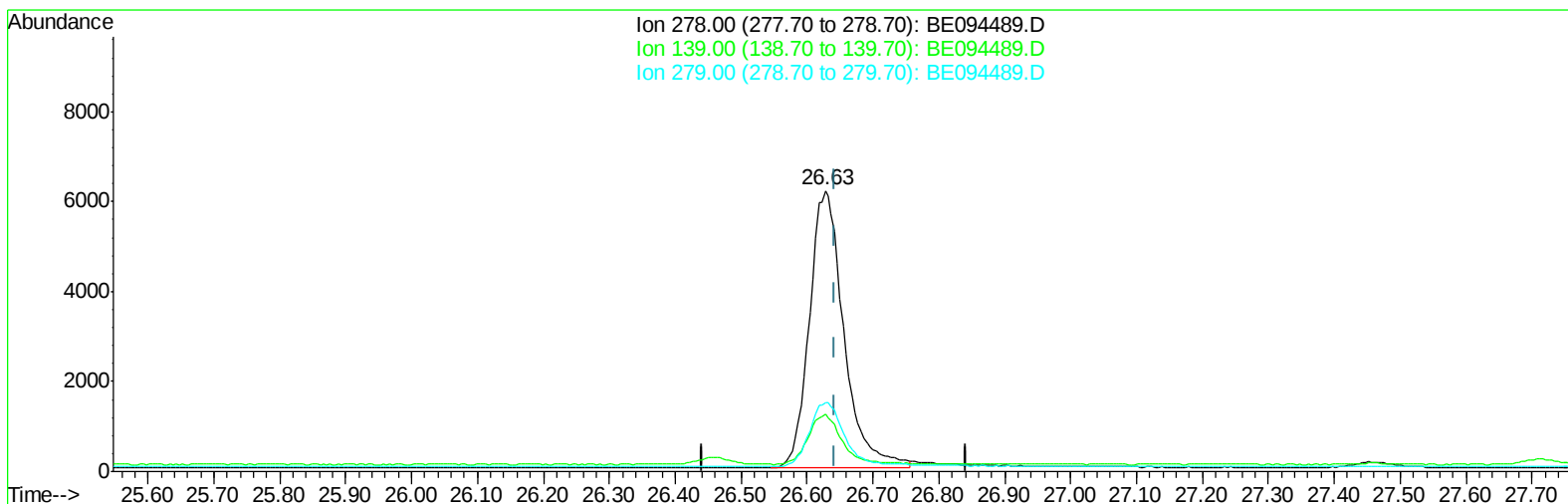
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:51:02 2017
Response via : Initial Calibration



TIC: BE094489.D

(25) Dibenzo(a,h)anthracene

26.627min (-0.015) 0.87ng/ul m

response 22273

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.57
279.00	32.40	24.77#
0.00	0.00	0.00

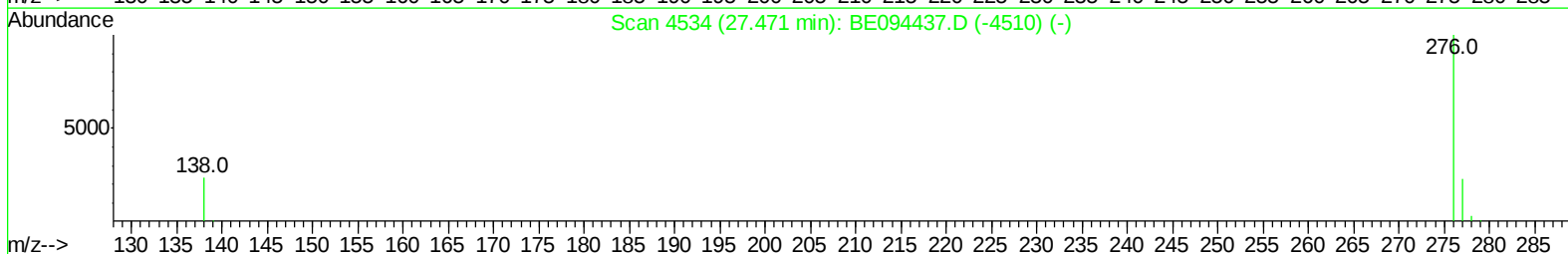
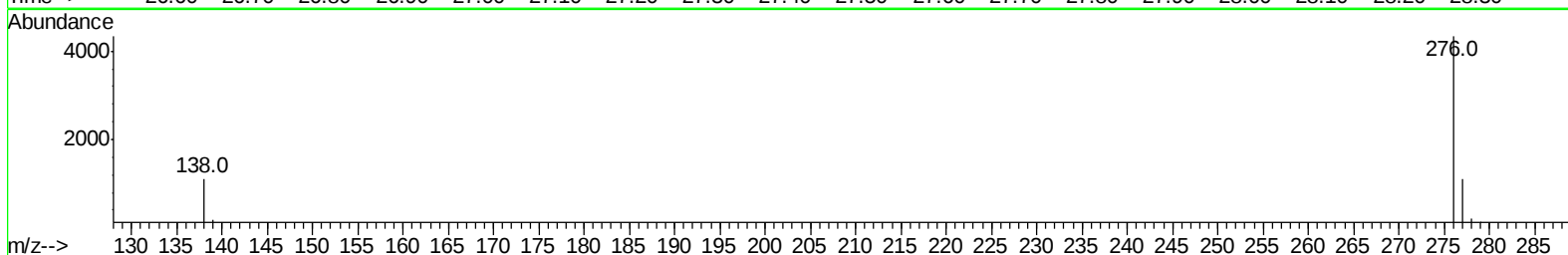
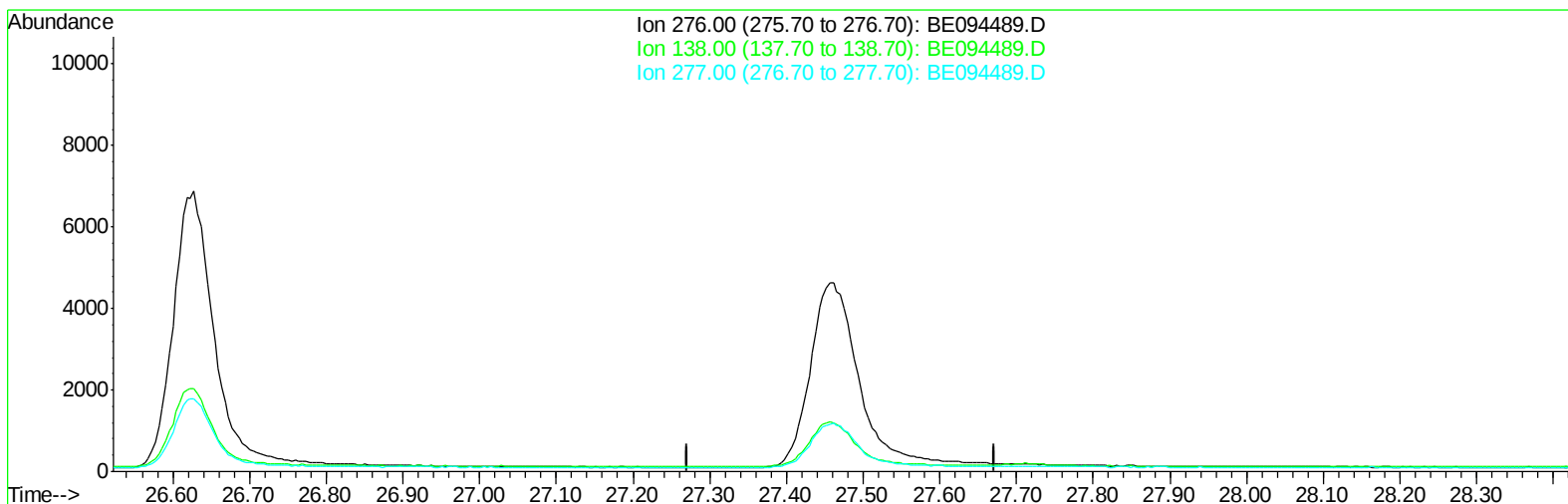
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 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: BE094489.D

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

27.471min (-27.471) 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

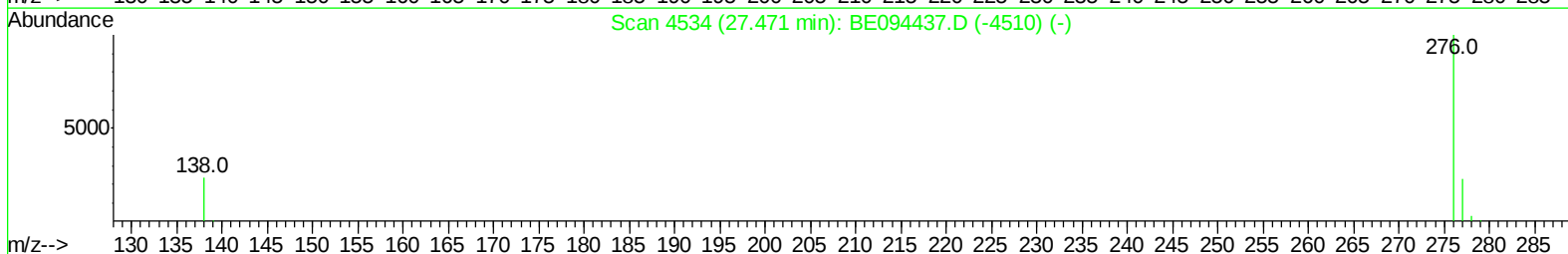
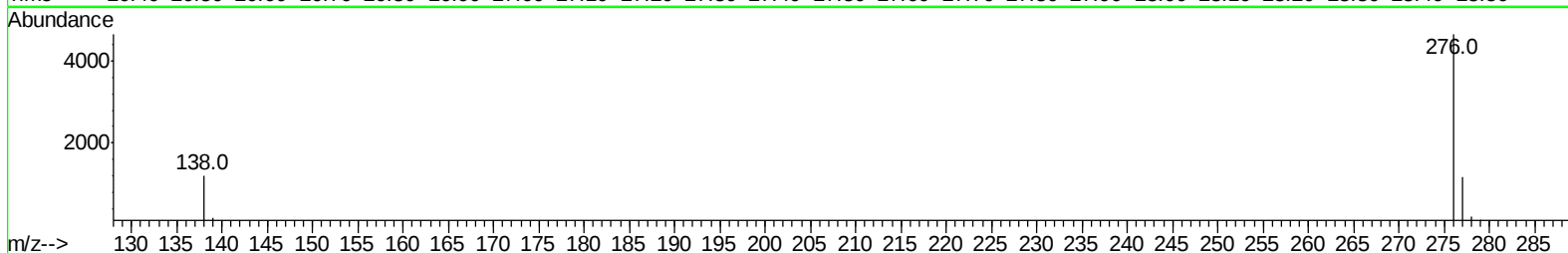
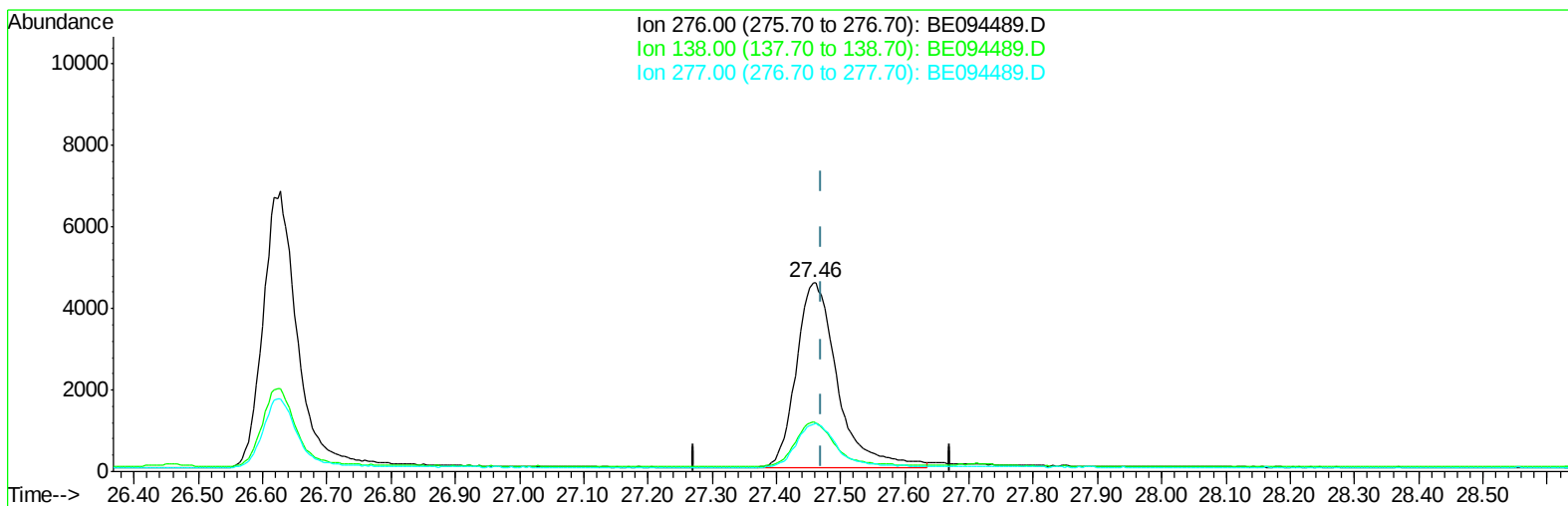
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
Data File : BE094489.D
Acq On : 20 Oct 2017 23:58
Operator : SJ/JU
Sample : I5840-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:33:56 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: BE094489.D

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

27.457min (-0.015) 0.77ng/ul m

response 20093

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	26.18
277.00	25.60	25.13
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
 Data File : BE094489.D
 Acq On : 20 Oct 2017 23:58
 Operator : SJ/JU
 Sample : I5840-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF1

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:14:25 PM

Quant Time: Oct 22 04:37:27 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 17:51:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1483	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8271	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5219	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11665m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	11599	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	10543m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3972	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10722	0.28	ng/ul	-0.01
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.35	142	2018	0.154	ng/ul	99
7) Acenaphthylene	14.24	152	6802	0.334	ng/ul	97
8) Acenaphthene	14.57	153	5686	0.339	ng/ul	98
9) Fluorene	15.56	166	8236	0.420	ng/ul#	92
11) Pentachlorophenol	16.96	266	188	0.137	ng/ul#	85
12) Phenanthrene	17.29	178	16342	0.536	ng/ul#	93
13) Anthracene	17.38	178	18694	0.631	ng/ul#	92
15) Fluoranthene	19.30	202	22399	0.559	ng/ul	84
17) Pyrene	19.66	202	26046	0.807	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	24810	0.806	ng/ul#	86
19) Chrysene	21.46	228	26139	0.736	ng/ul	98
21) Benzo(b)fluoranthene	23.16	252	24132	0.843	ng/ul	85
22) Benzo(k)fluoranthene	23.21	252	24209m	0.731	ng/ul	
23) Benzo(a)pyrene	23.82	252	23408m	0.787	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.63	276	25561m	0.840	ng/ul	
25) Dibenzo(a,h)anthracene	26.63	278	22273m	0.872	ng/ul	
26) Benzo(a,h,i)perylene	27.46	276	20093m	0.765	ng/ul	

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

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