

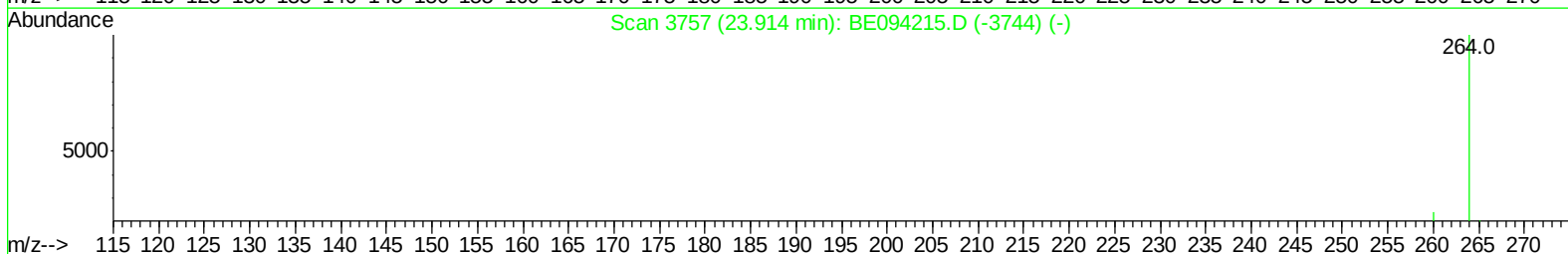
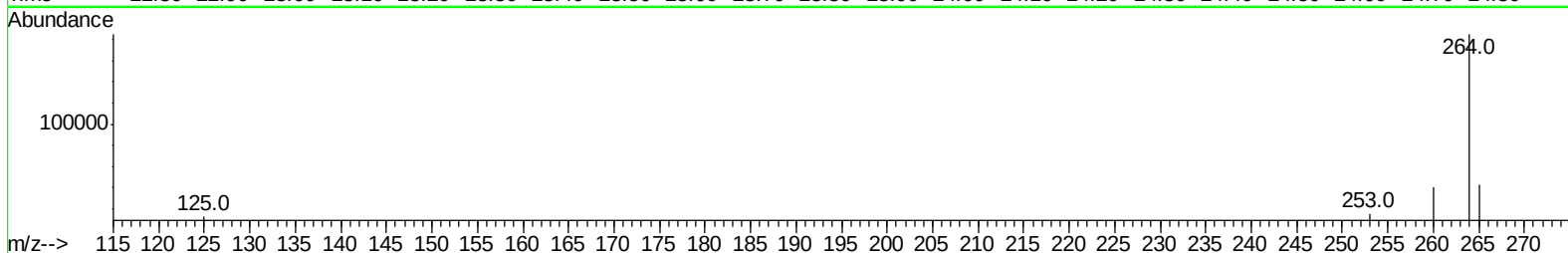
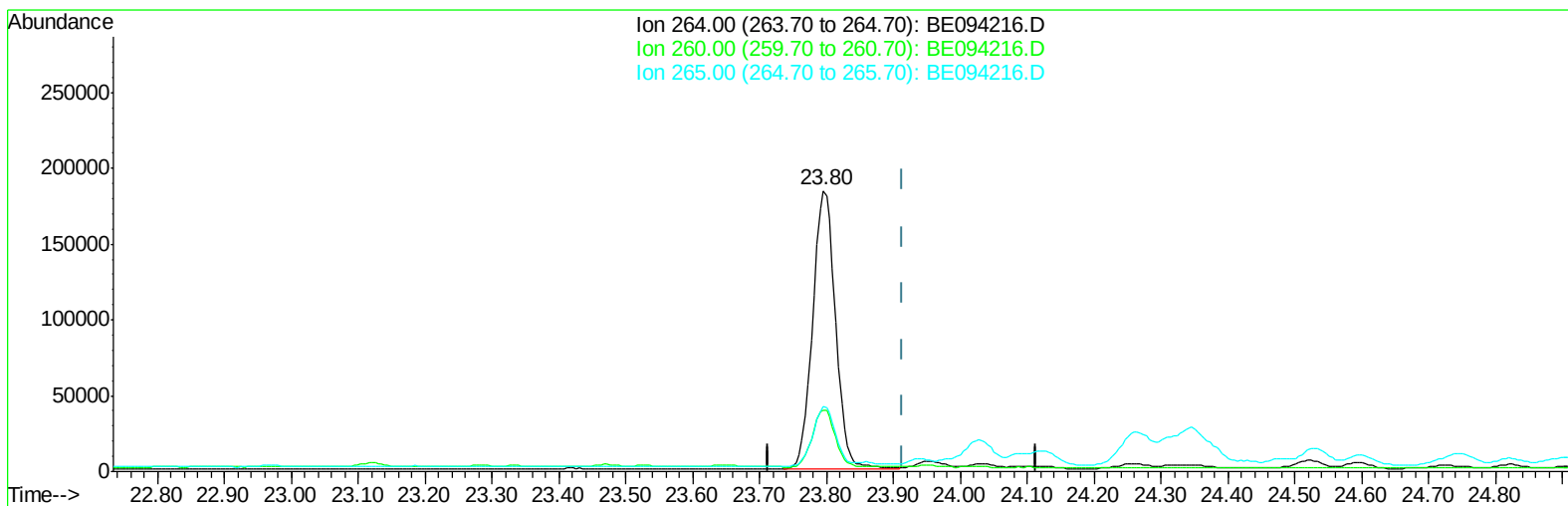
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:51:14 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

(20) Perylene-d12 (I)

23.795min (-0.119) 0.40ng/ul

response 432769

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.84#
265.00	103.50	23.07#
0.00	0.00	0.00

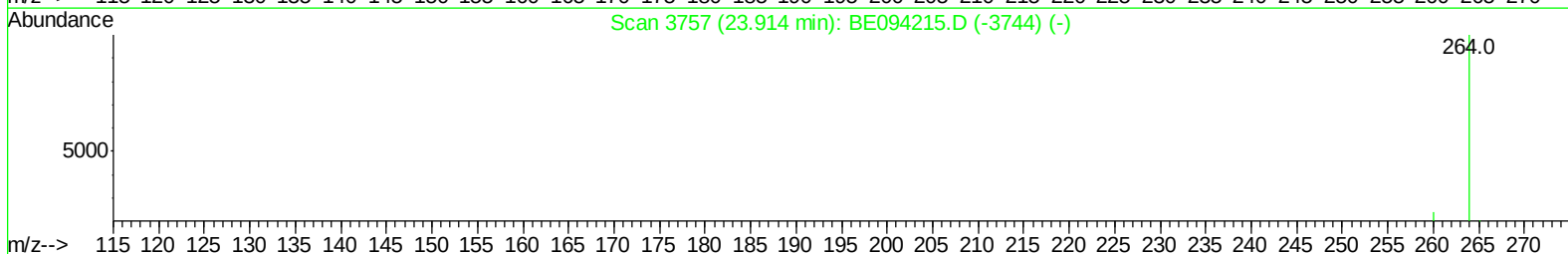
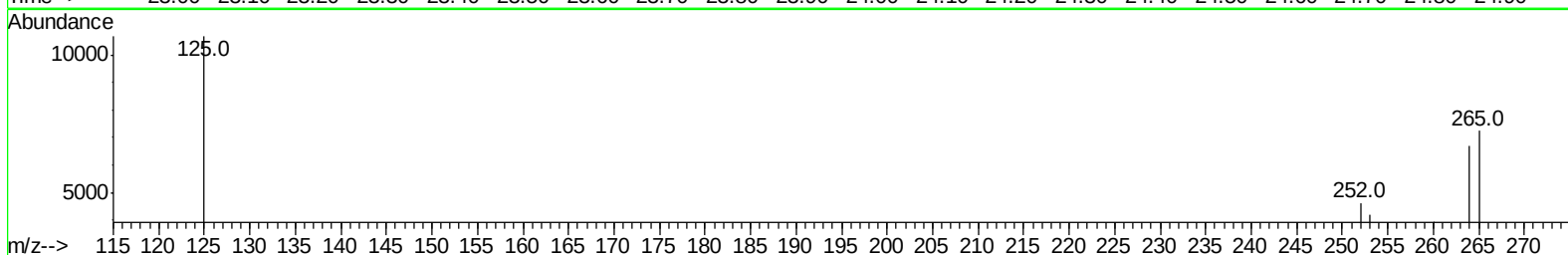
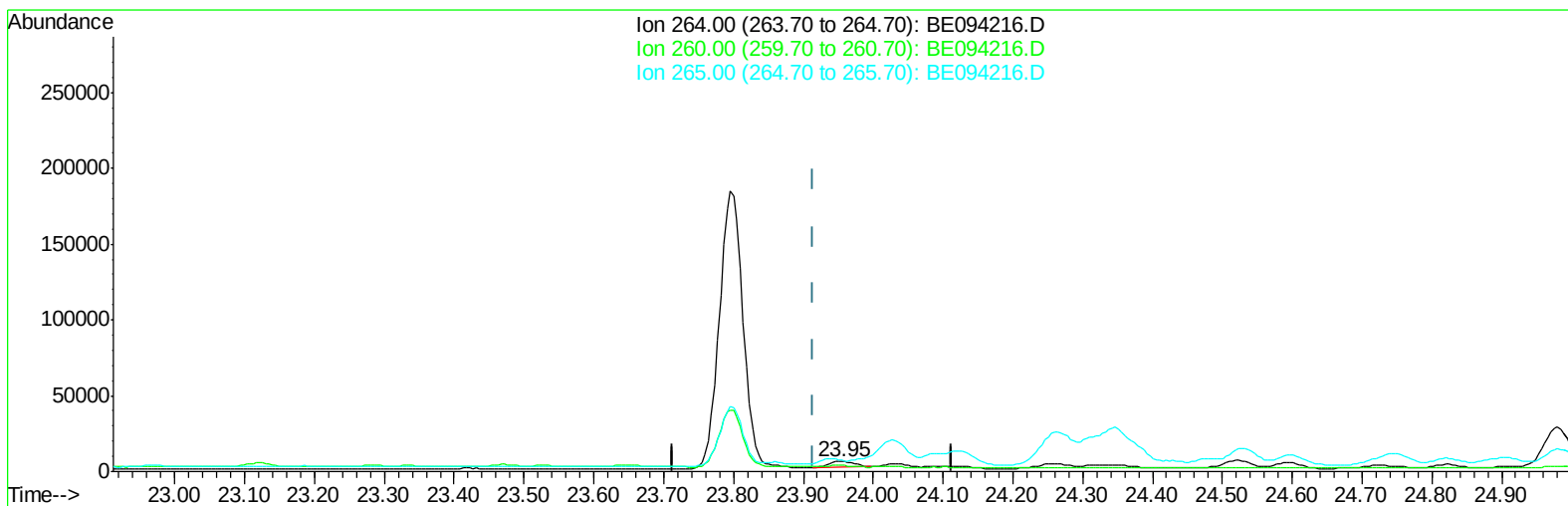
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:51:14 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

(20) Perylene-d12 (I)

23.955min (+0.041) 0.40ng/ul m

response 10631

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	58.38#
265.00	103.50	108.02
0.00	0.00	0.00

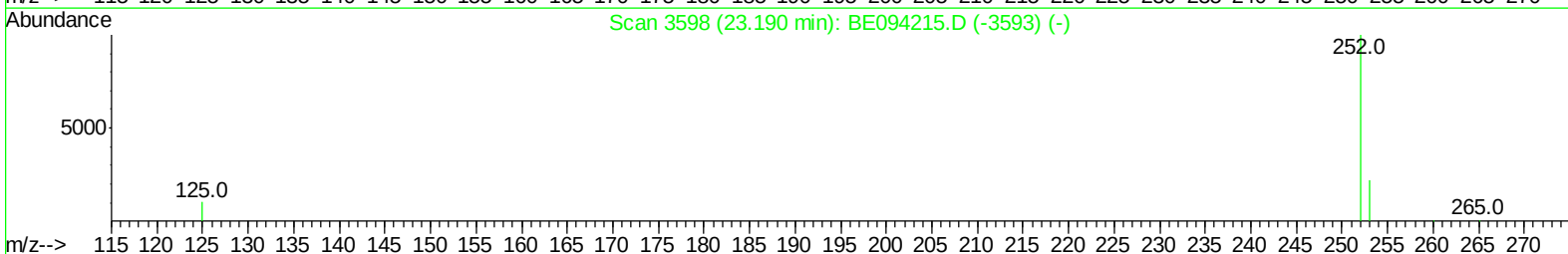
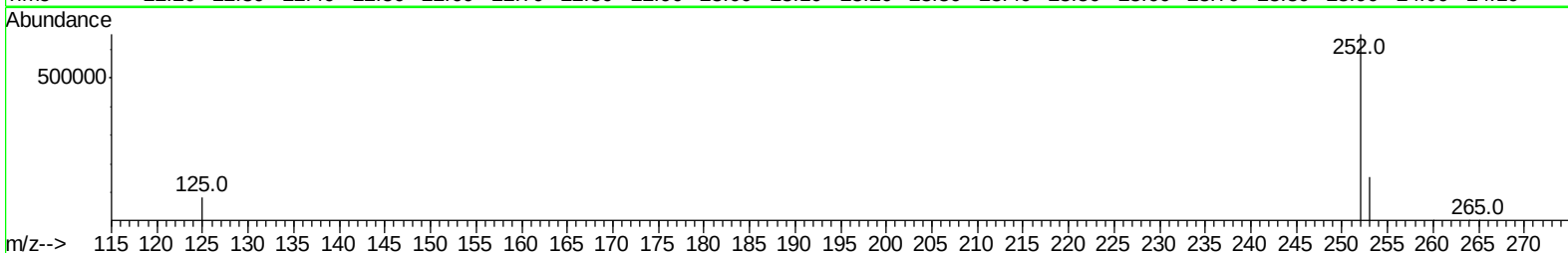
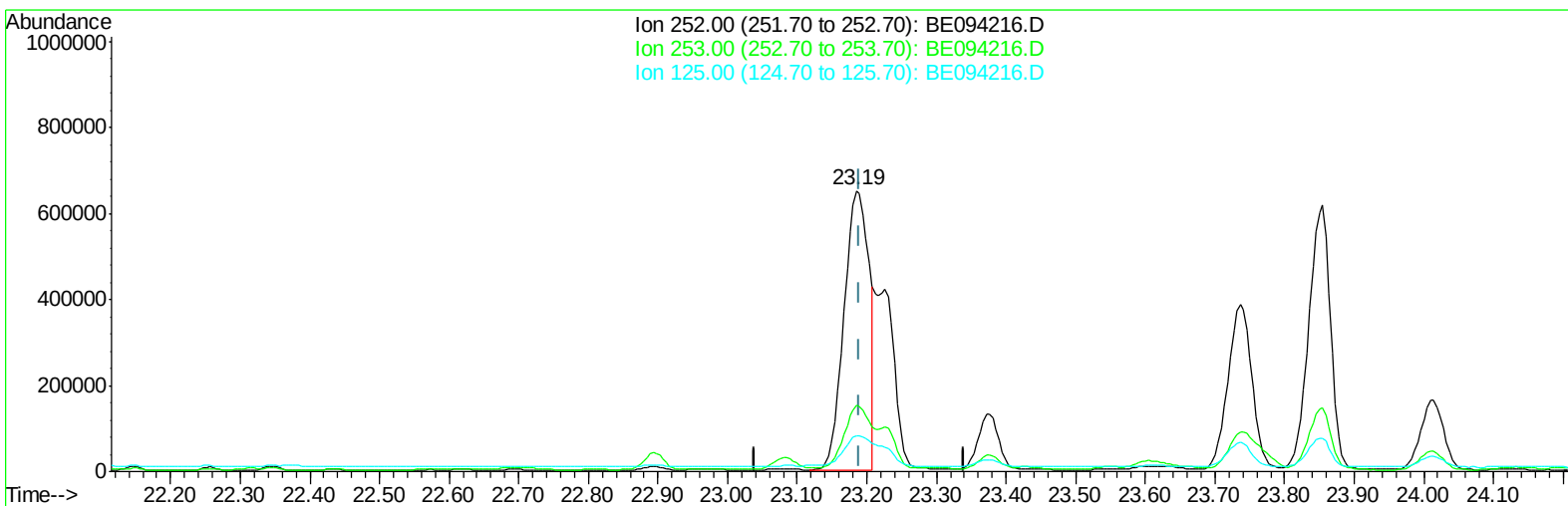
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

(22) Benzo(k)fluoranthene

23.185min (-0.005) 49.25ng/ul

response 1644126

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.57#
125.00	17.10	12.62#
0.00	0.00	0.00

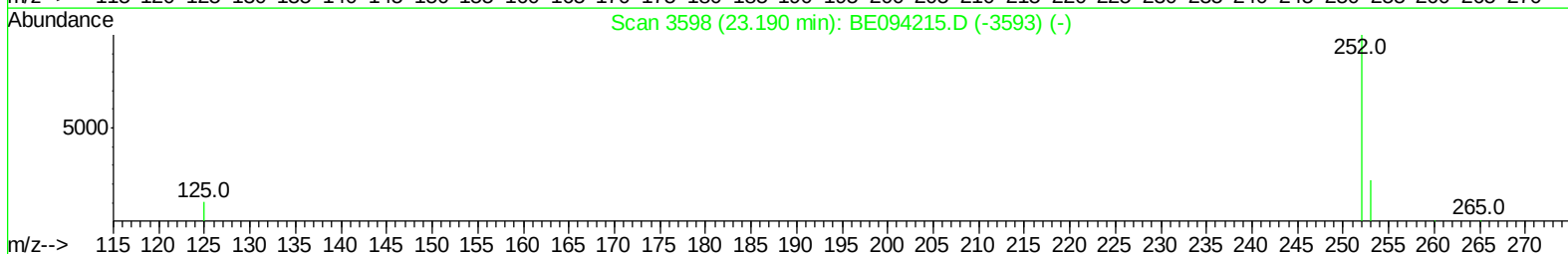
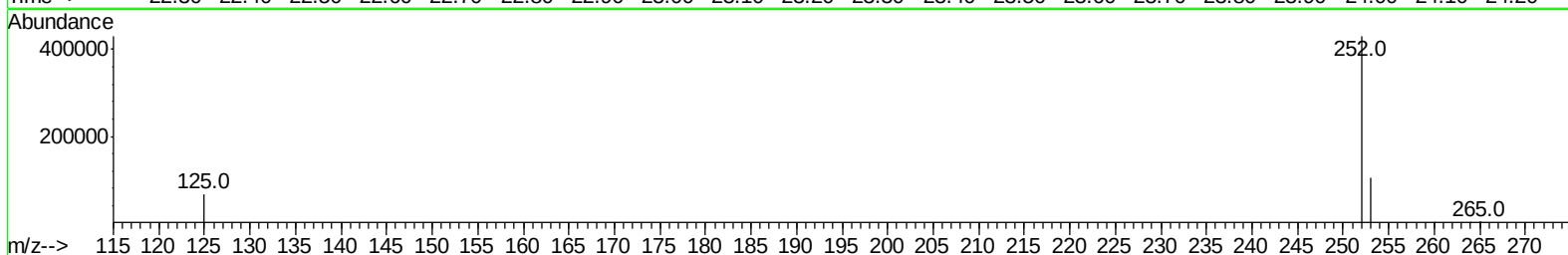
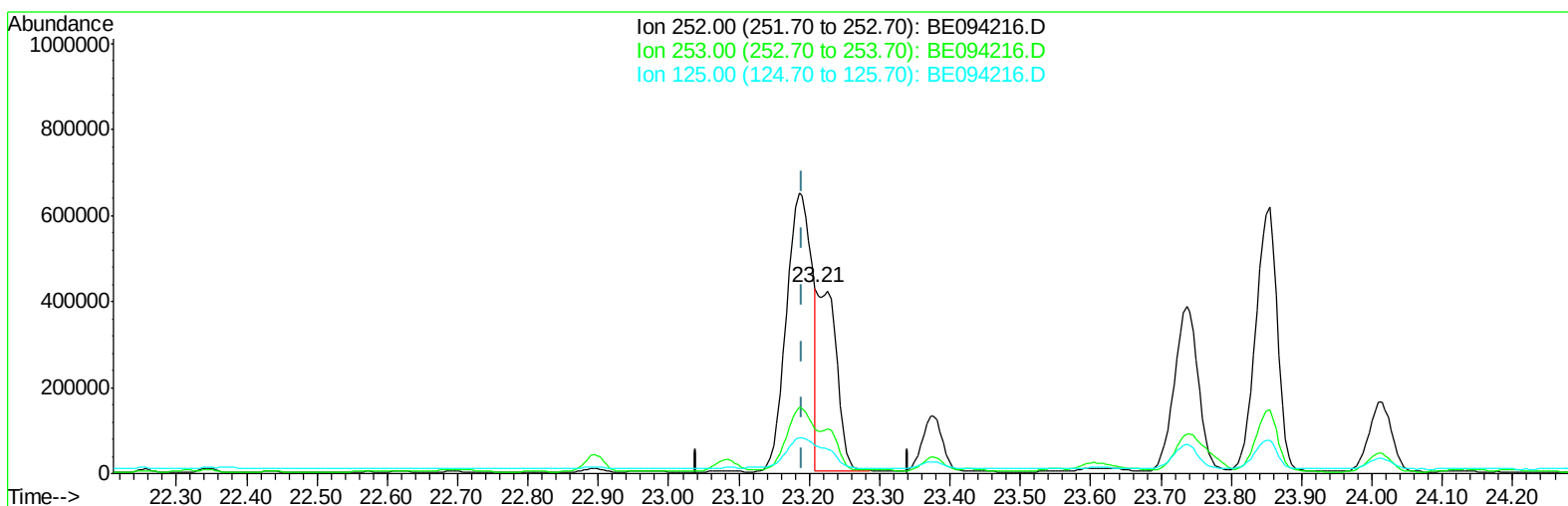
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

(22) Benzo(k)fluoranthene

23.208min (+0.018) 24.27ng/ul m

response 810118

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.08#
125.00	17.10	15.45
0.00	0.00	0.00

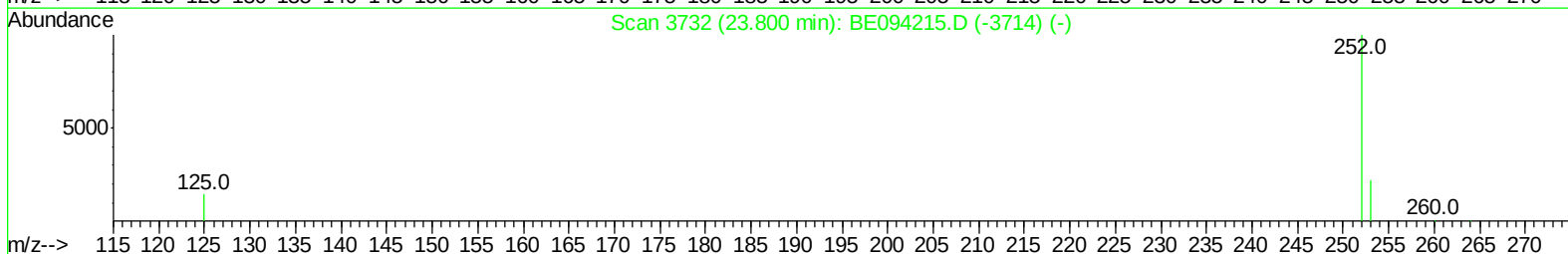
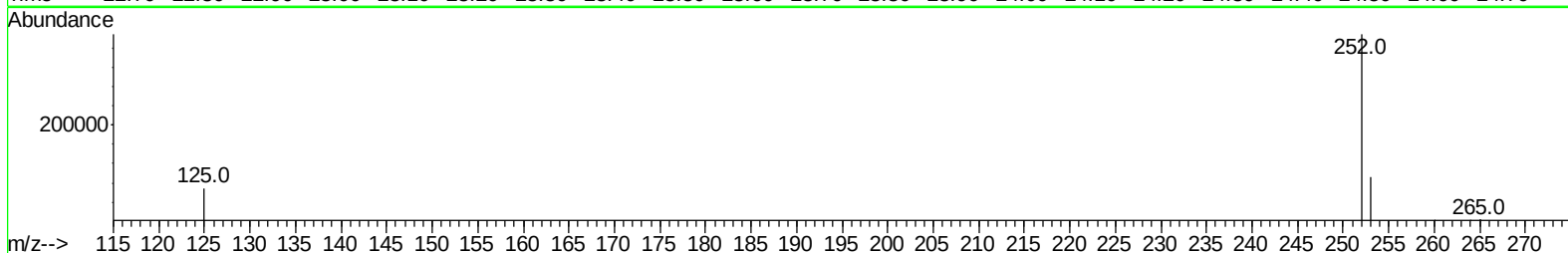
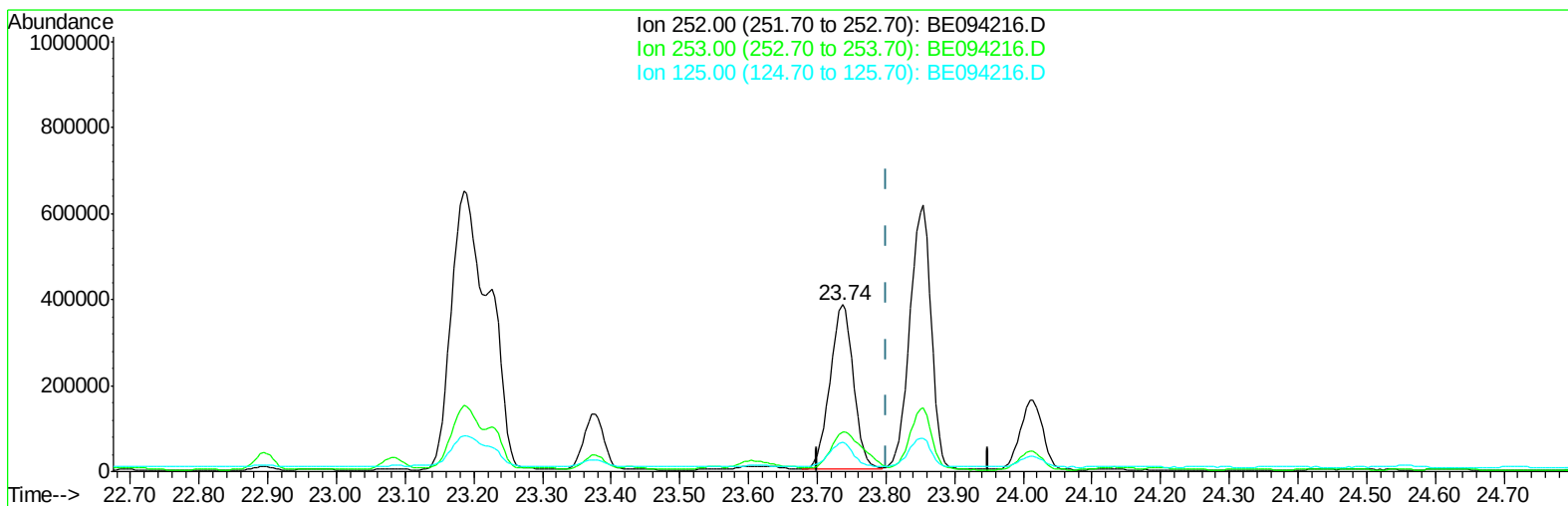
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

(23) Benzo(a)pyrene (C)

23.736min (-0.064) 30.41ng/ul

response 912634

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.72#
125.00	22.60	17.76#
0.00	0.00	0.00

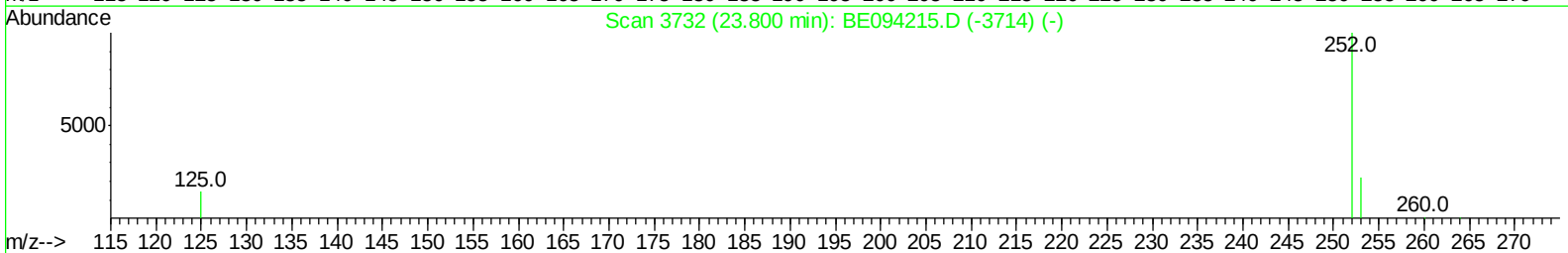
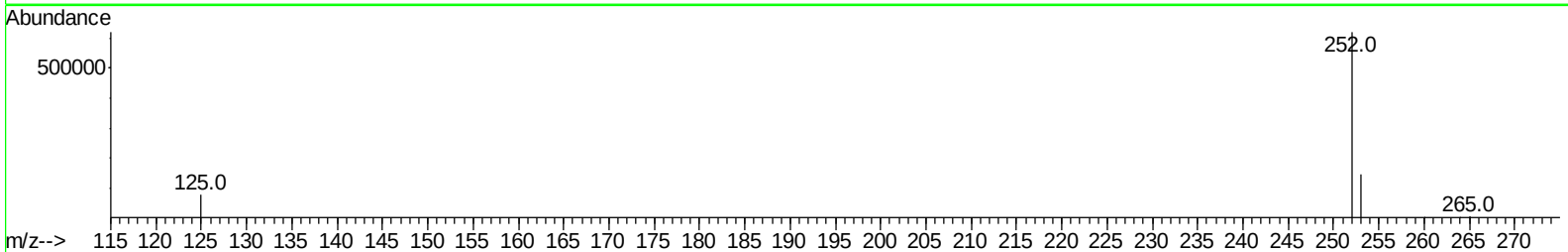
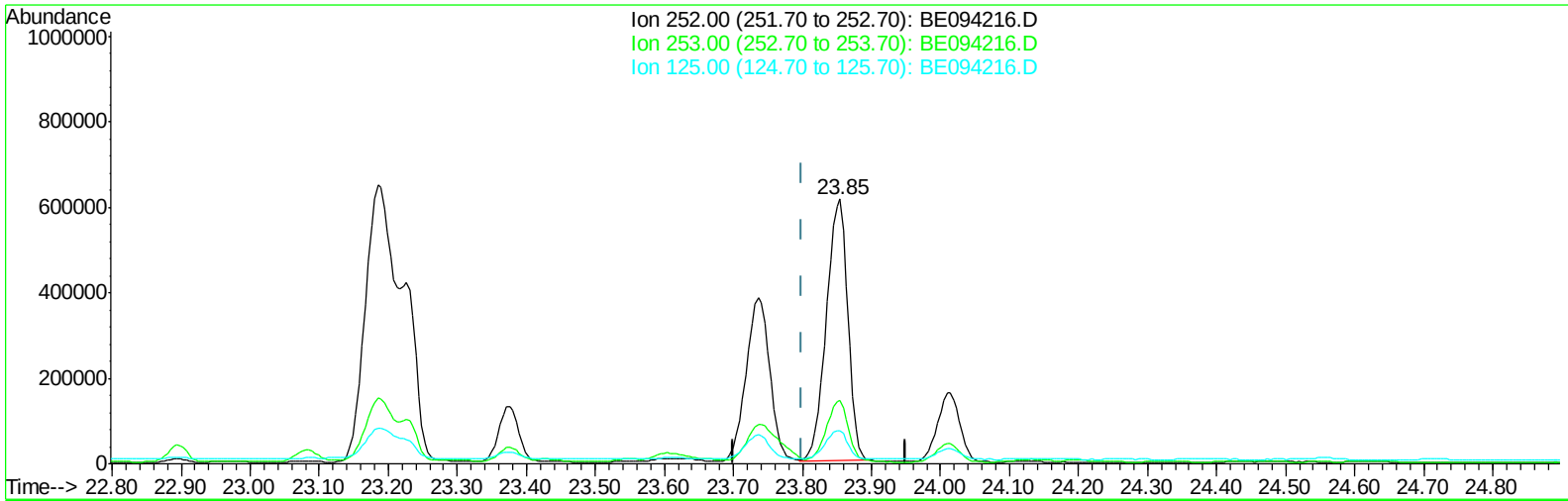
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

(23) Benzo(a)pyrene (C)

23.855min (+0.054) 43.57ng/ul m

response 1307562

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.78#
125.00	22.60	12.59#
0.00	0.00	0.00

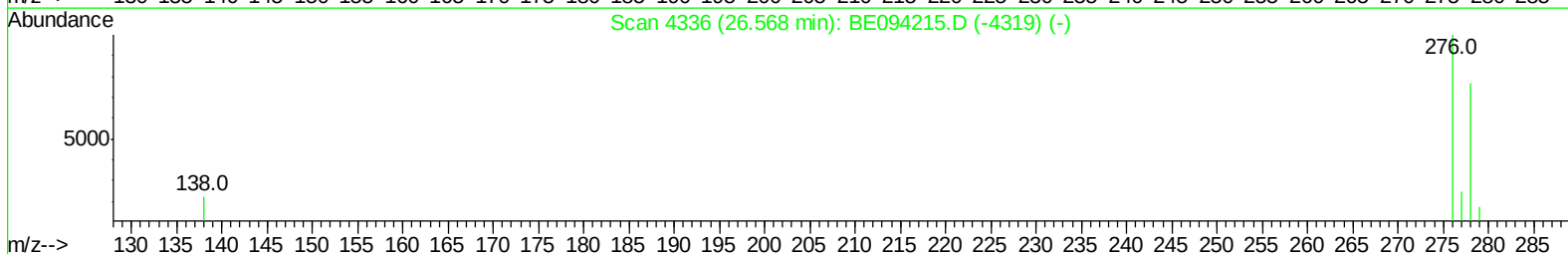
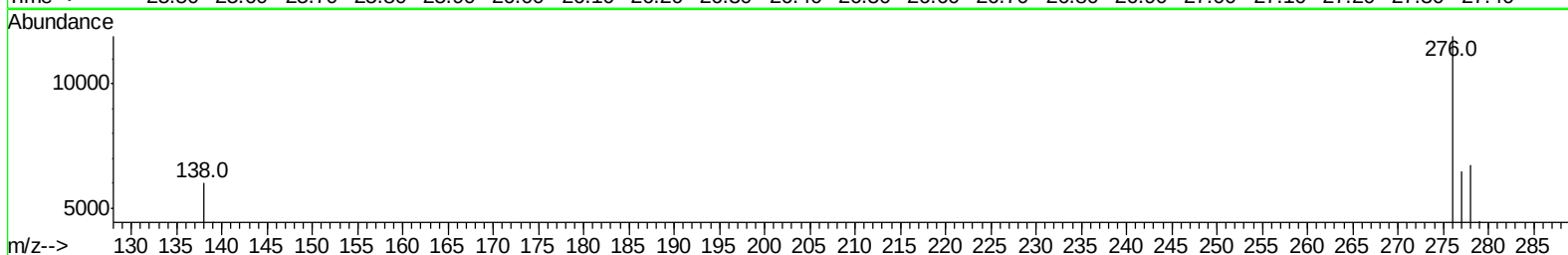
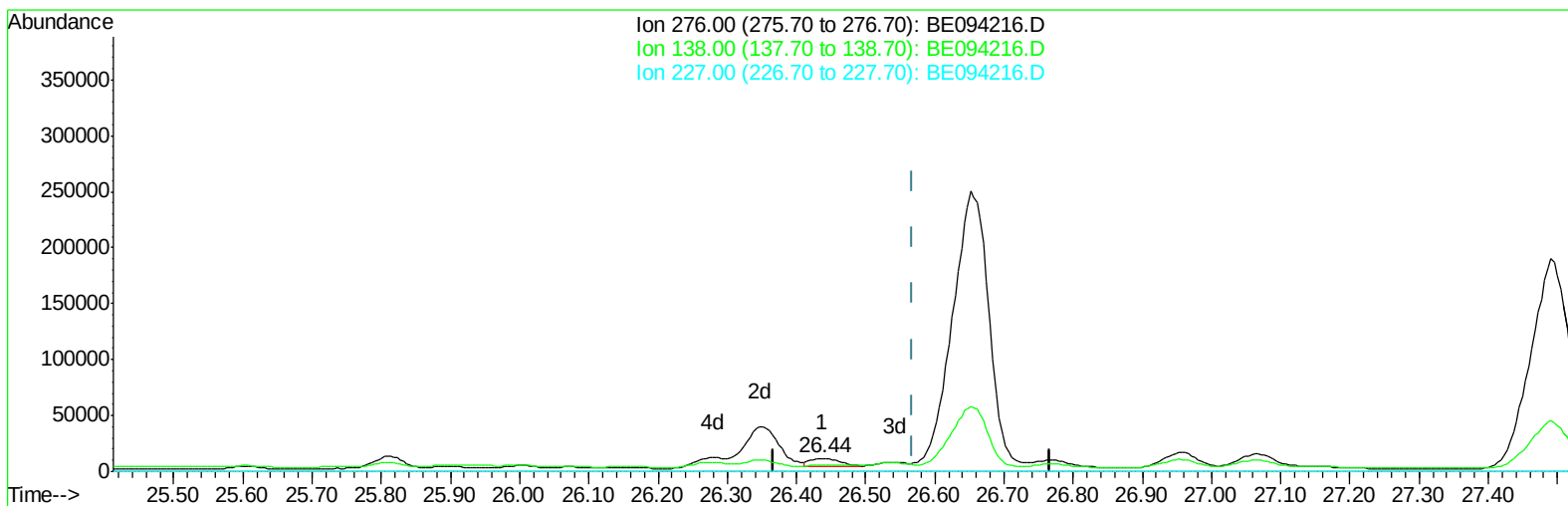
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

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

26.438min (-0.130) 0.63ng/ul

response 19367

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	26.39#
227.00	10.00	0.00#
0.00	0.00	0.00

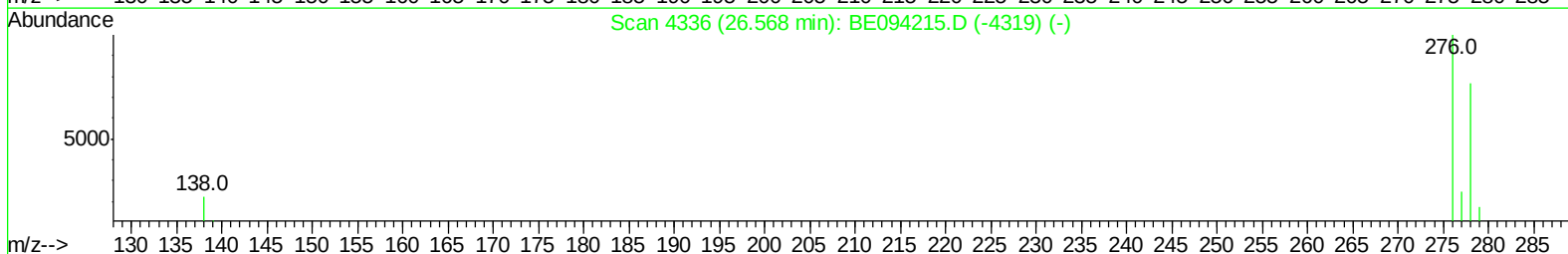
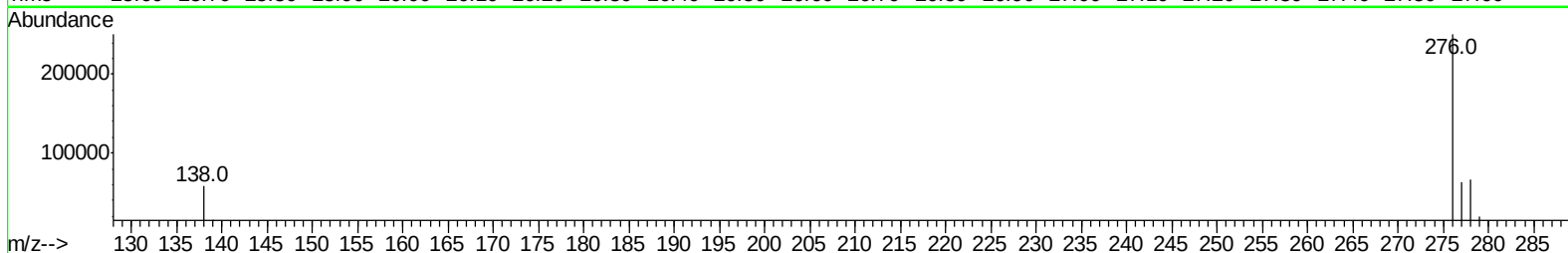
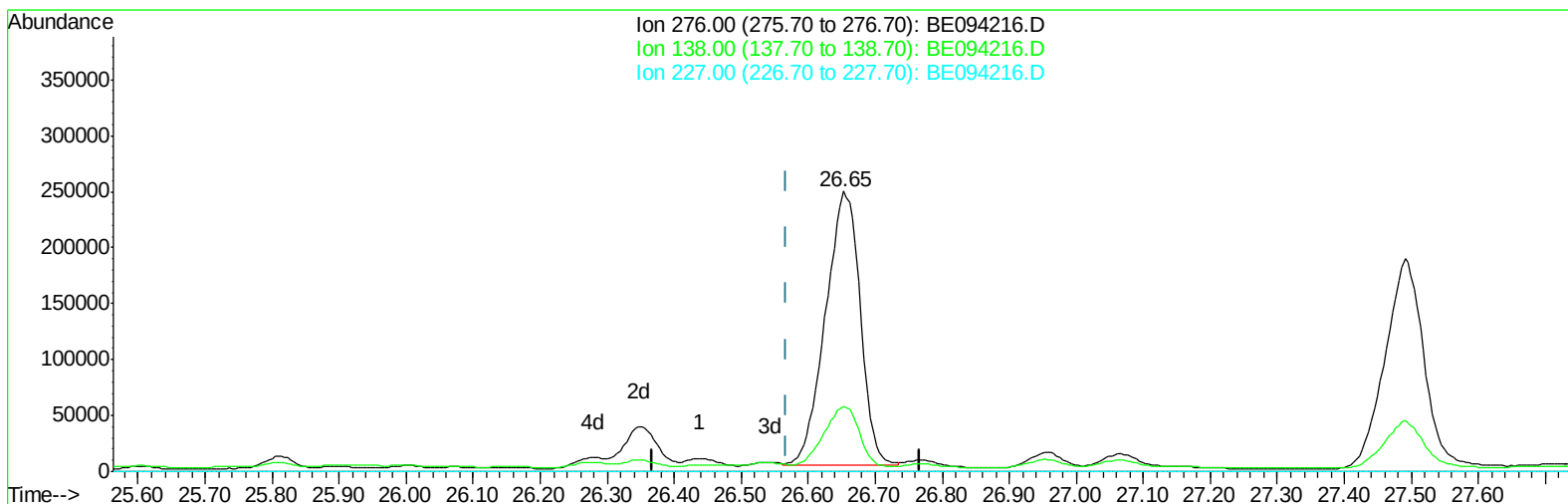
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

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

26.652min (+0.084) 28.74ng/ul m

response 882262

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.58#
227.00	10.00	0.00#
0.00	0.00	0.00

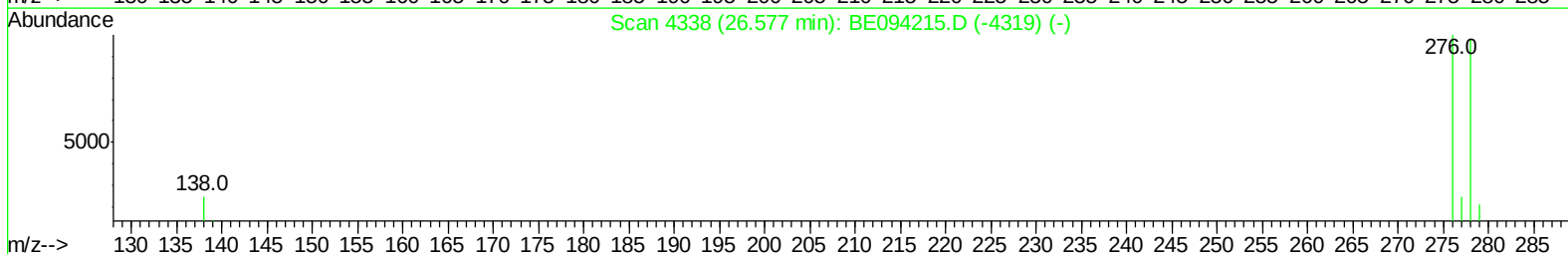
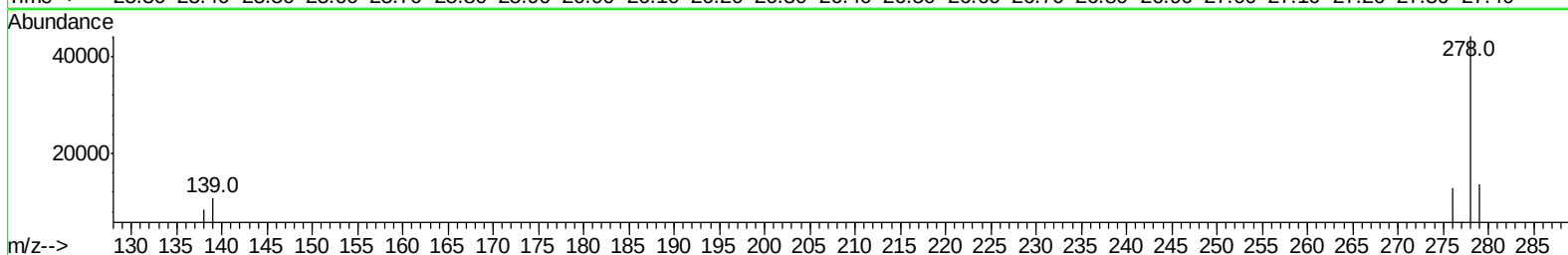
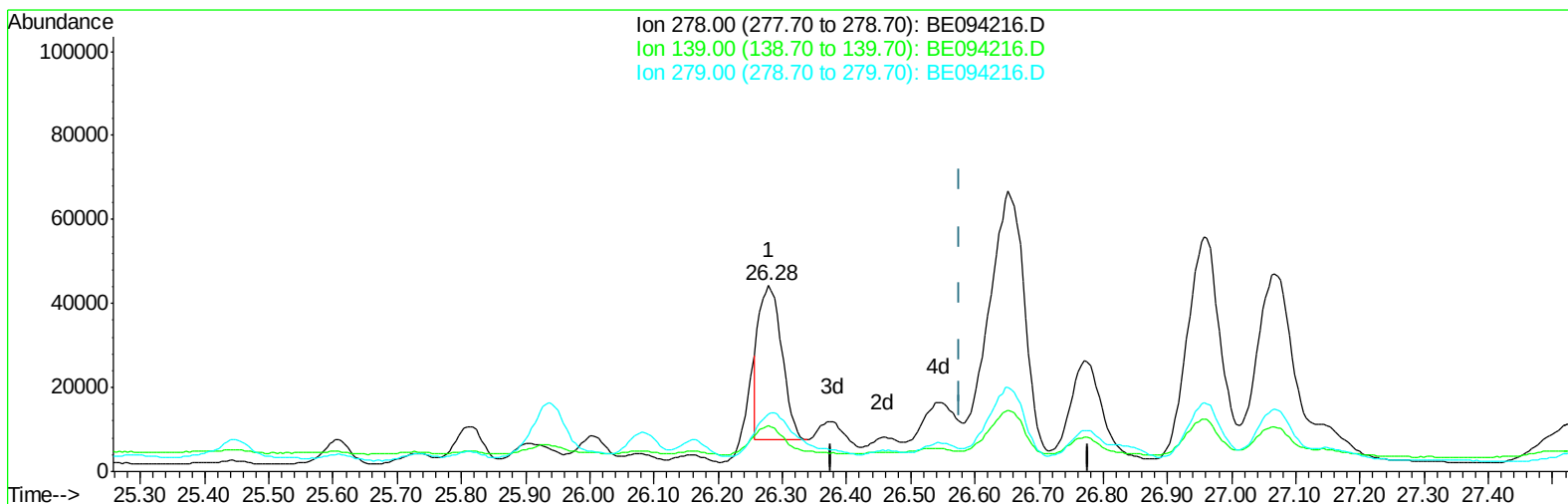
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

(25) Dibenzo(a,h)anthracene

26.278min (-0.299) 3.61ng/ul

response 92882

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	24.52
279.00	32.40	31.04
0.00	0.00	0.00

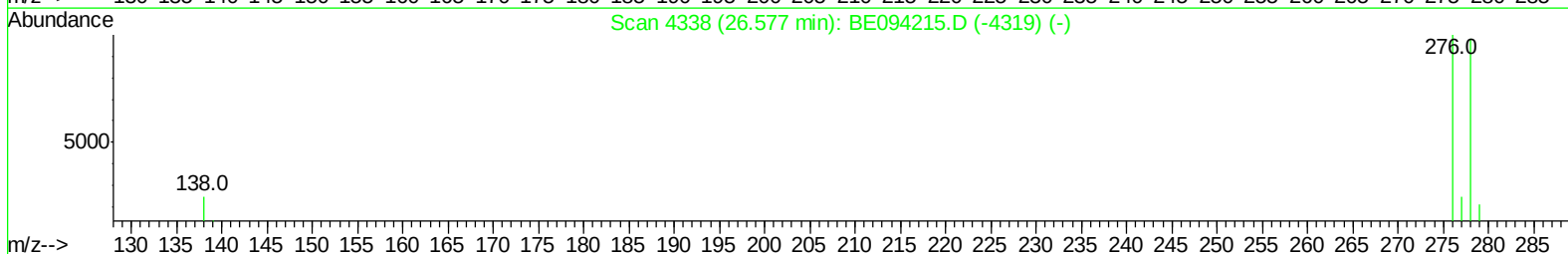
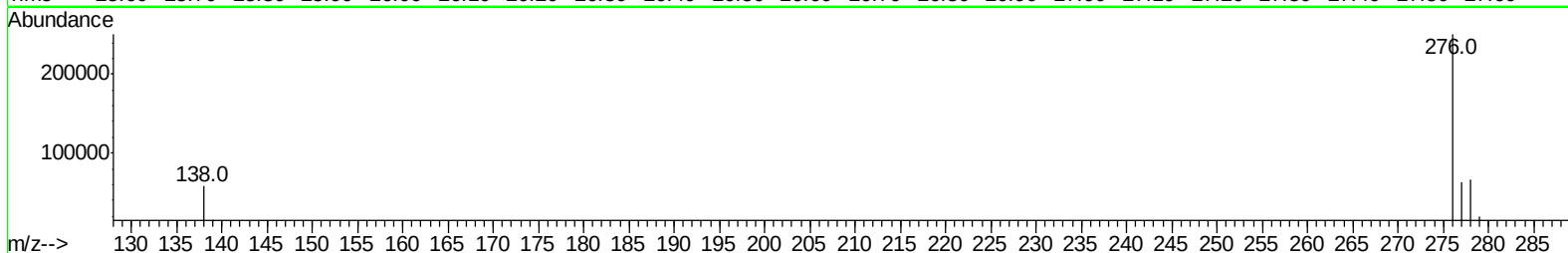
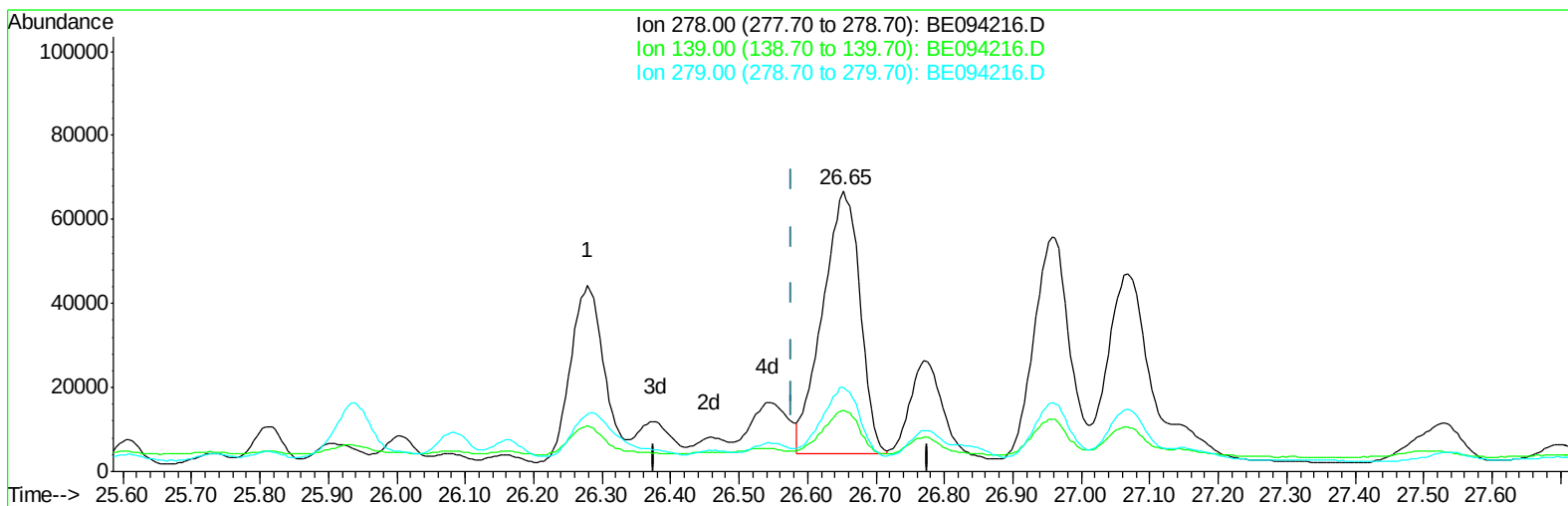
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

(25) Dibenzo(a,h)anthracene

26.652min (+0.075) 9.26ng/ul m

response 238327

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	22.04
279.00	32.40	29.94
0.00	0.00	0.00

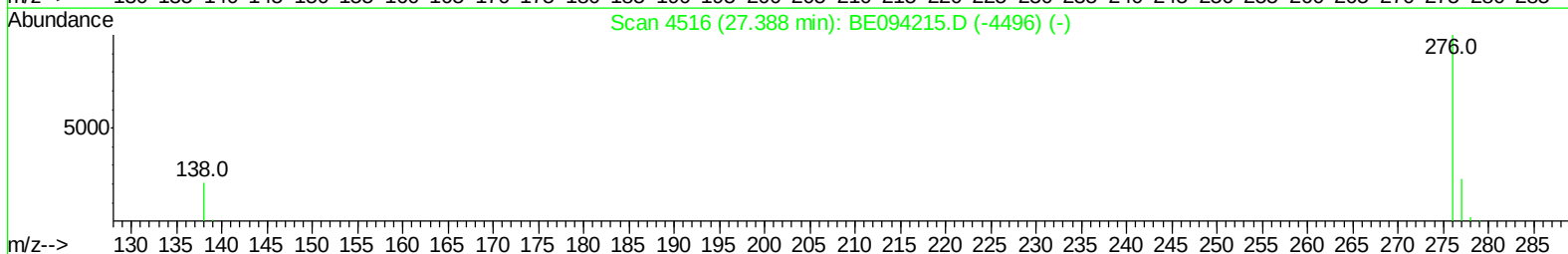
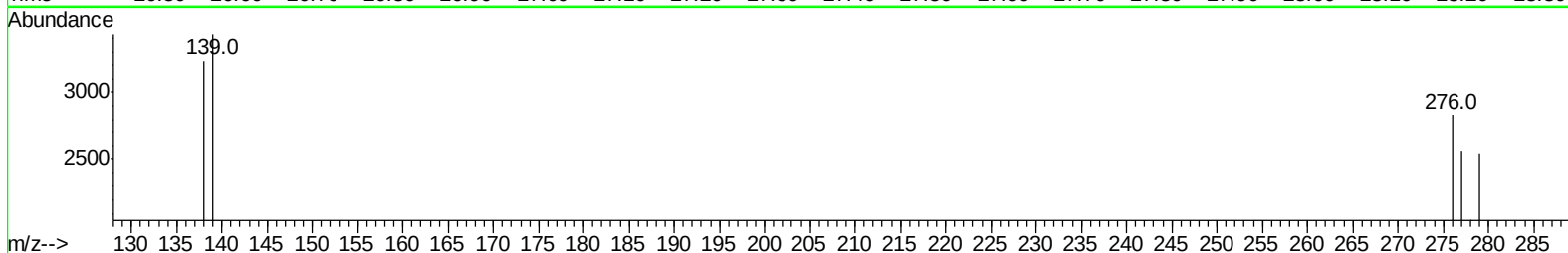
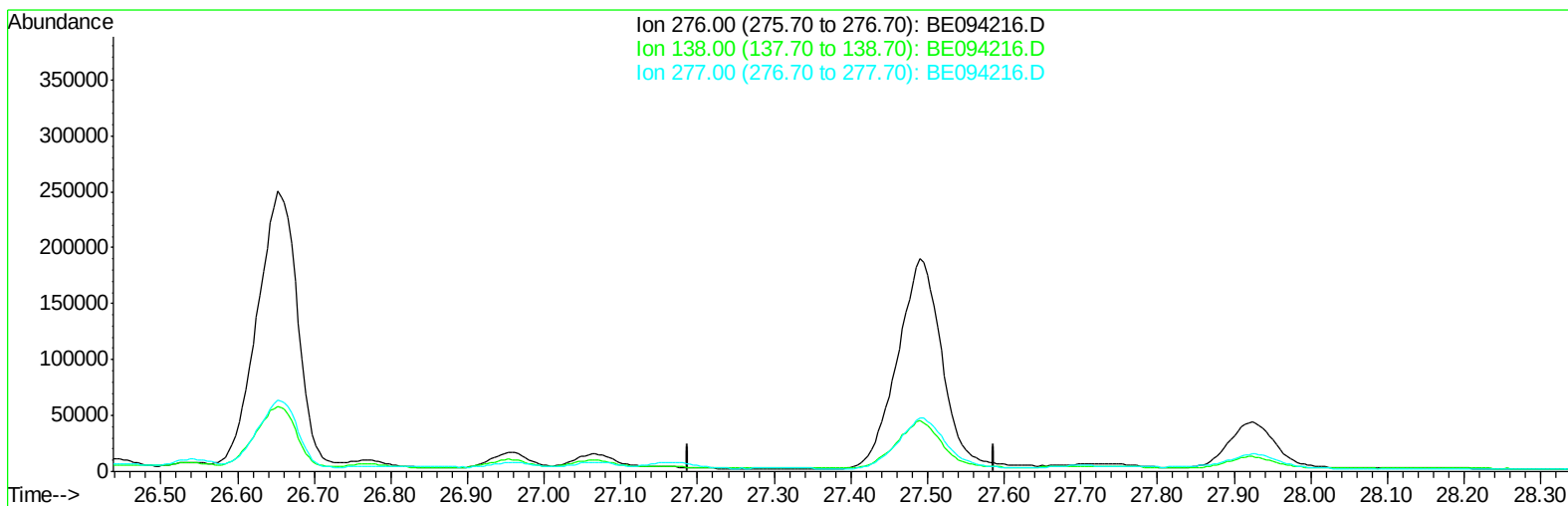
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

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10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

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

27.388min (-27.388) 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

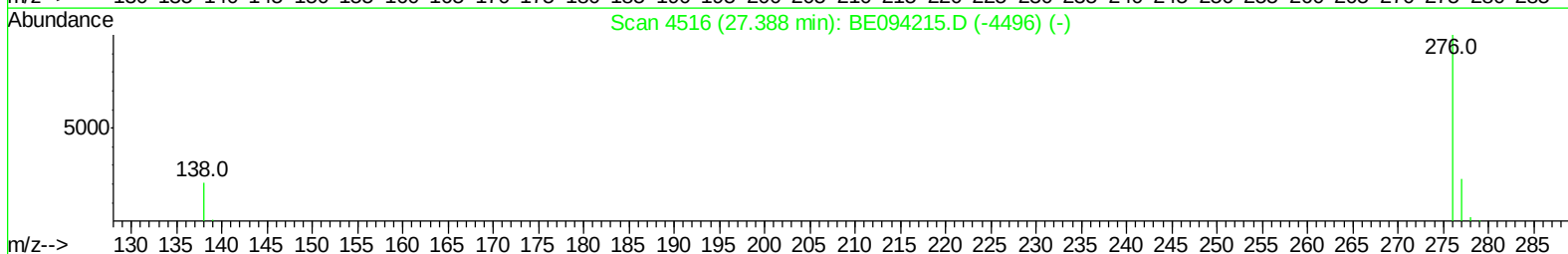
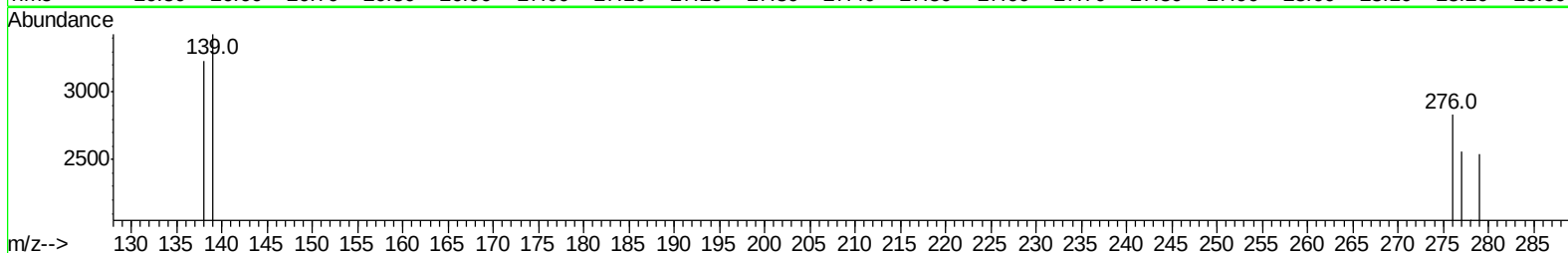
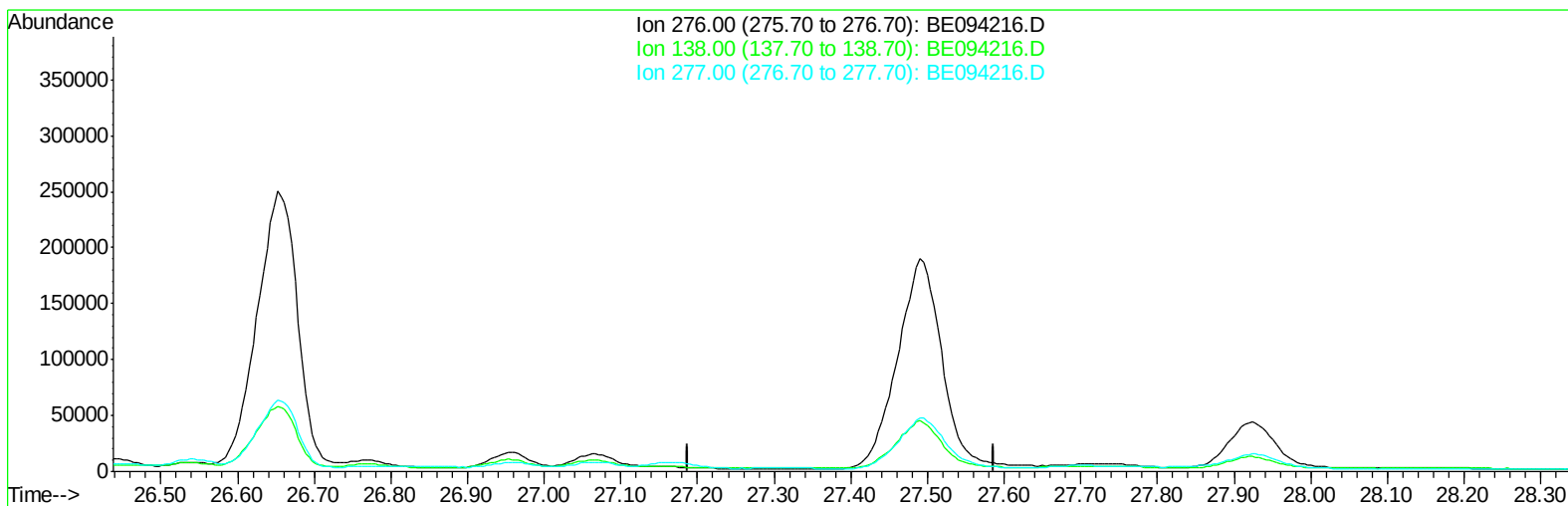
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

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

27.388min (-27.388) 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

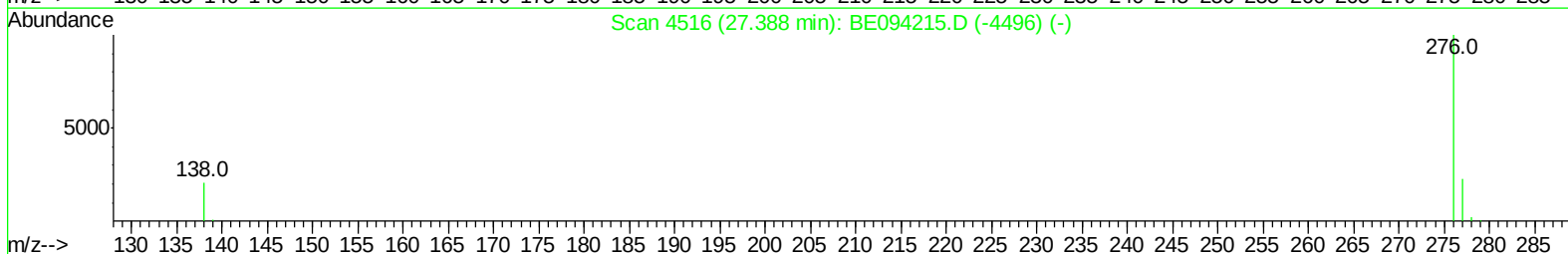
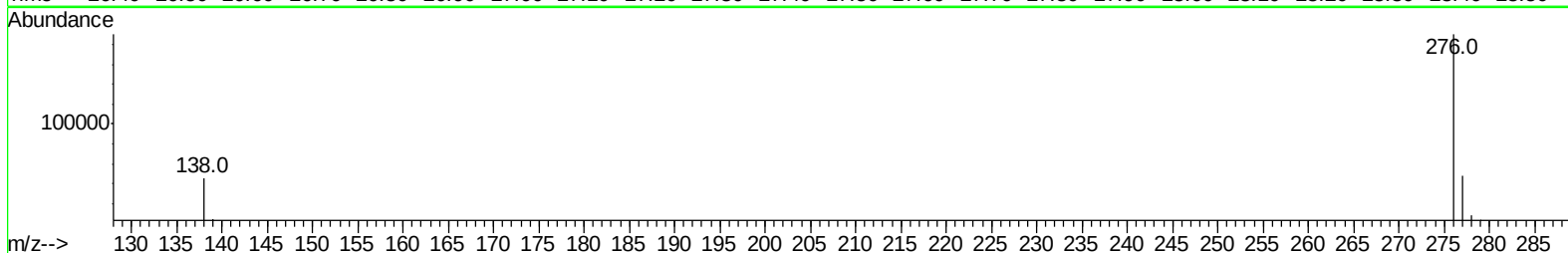
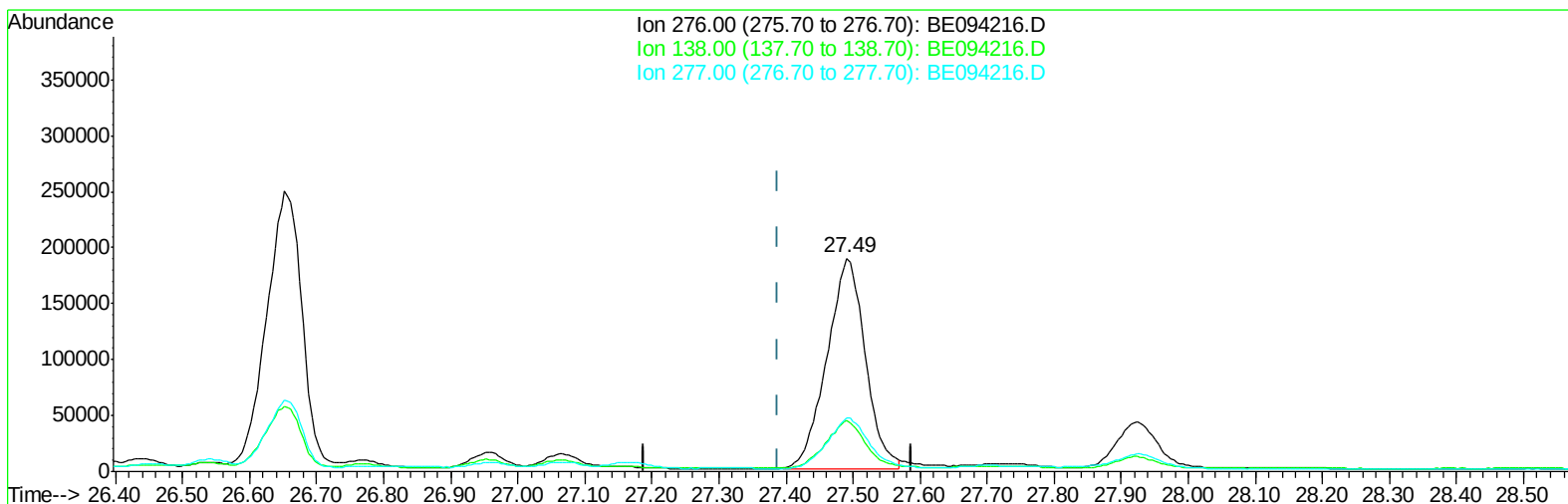
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 08:57:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration



TIC: BE094216.D

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

27.490min (+0.102) 28.27ng/ul m

response 748693

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	24.10
277.00	25.60	24.95
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094216.D
 Acq On : 9 Oct 2017 10:33
 Operator : SJ/JU
 Sample : I5449-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-41(0-1)-092617

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:56:26 PM

Quant Time: Oct 10 09:01:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 08:50:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1484	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7763	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5322	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	9562	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	14604	0.40	ng/ul	0.01
20) Perylene-d12	23.95	264	10631m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2322	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	5294	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	46286	2.434	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	18307	1.484	ng/ul	98
7) Acenaphthylene	14.24	152	42950	2.070	ng/ul	97
8) Acenaphthene	14.57	153	33638	1.969	ng/ul	97
9) Fluorene	15.56	166	35446	1.772	ng/ul	94
11) Pentachlorophenol	16.94	266	674	0.601	ng/ul	96
12) Phenanthrene	17.29	178	824634	33.002	ng/ul#	92
13) Anthracene	17.38	178	226910	9.337	ng/ul#	92
15) Fluoranthene	19.31	202	2171399	66.136	ng/ul	84
17) Pyrene	19.67	202	2053543	50.538	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	1405769	36.285	ng/ul#	86
19) Chrysene	21.46	228	1302471	29.111	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	1755942	60.803	ng/ul	86
22) Benzo(k)fluoranthene	23.21	252	810118m	24.269	ng/ul	
23) Benzo(a)pyrene	23.85	252	1307562m	43.572	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.65	276	882262m	28.740	ng/ul	
25) Dibenzo(a,h)anthracene	26.65	278	238327m	9.256	ng/ul	
26) Benzo(g,h,i)perylene	27.49	276	748693m	28.275	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094216.D
Acq On : 9 Oct 2017 10:33
Operator : SJ/JU
Sample : I5449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/10/2017 4:56:26 PM

Quant Time: Oct 10 09:01:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 08:50:36 2017
Response via : Initial Calibration

