

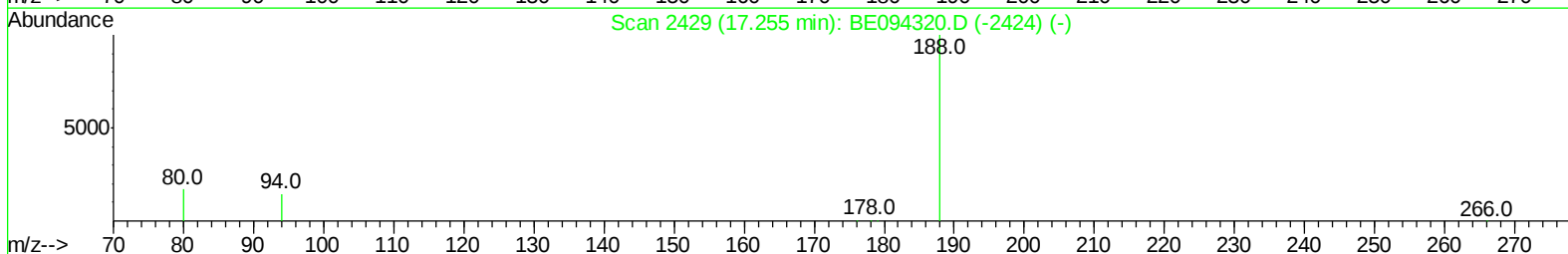
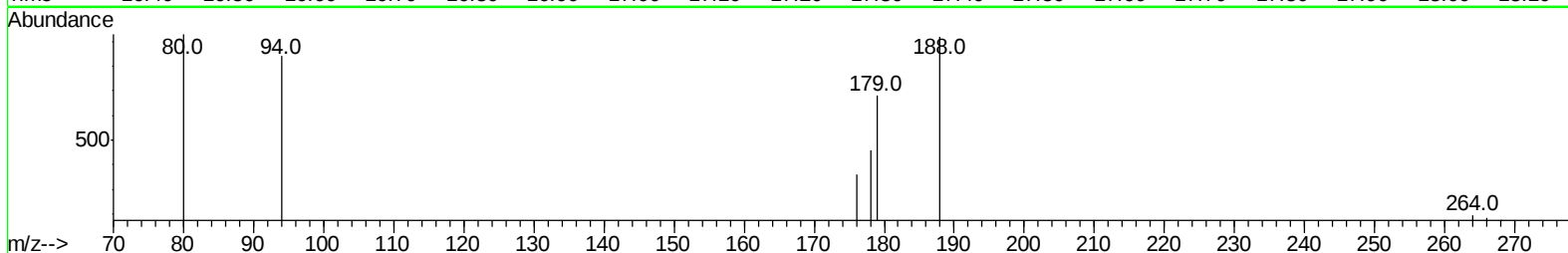
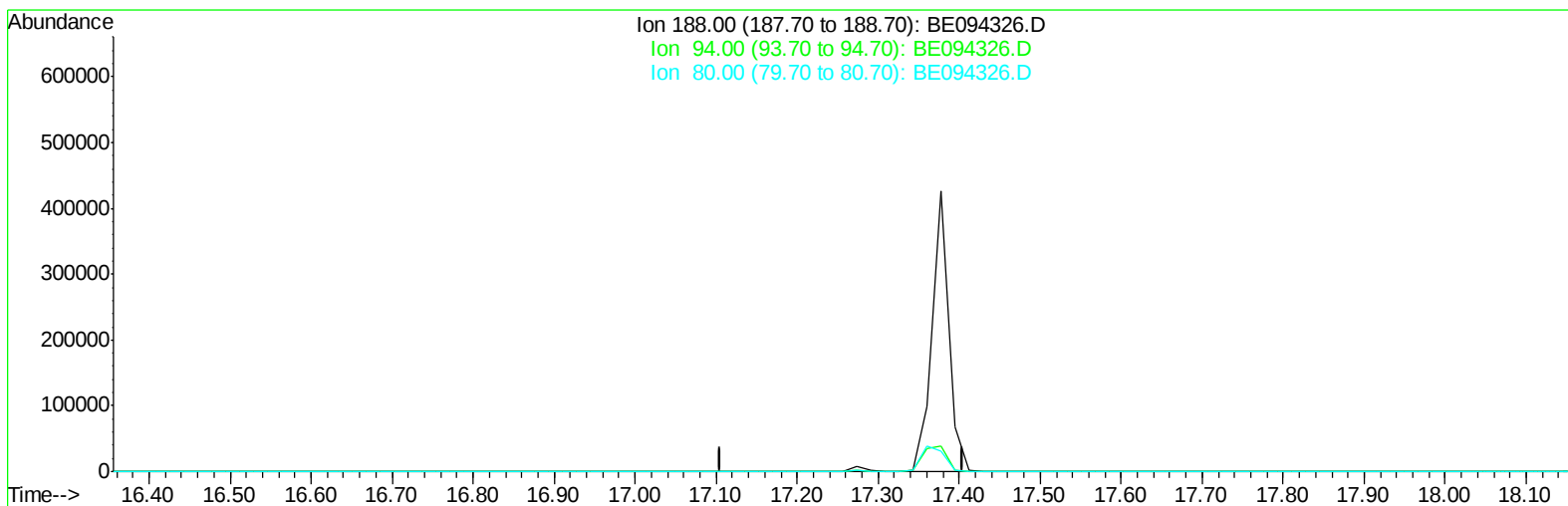
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:18:50 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(10) Phenanthrene-d10 (I)

17.255min (-17.255) 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

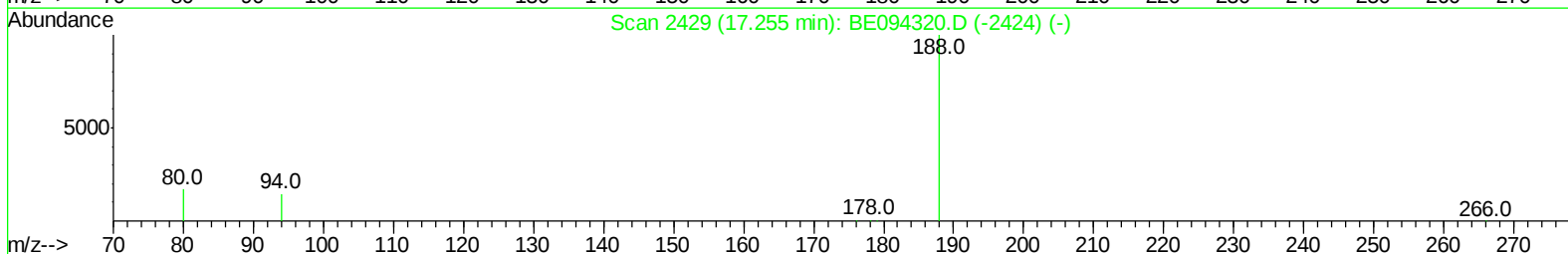
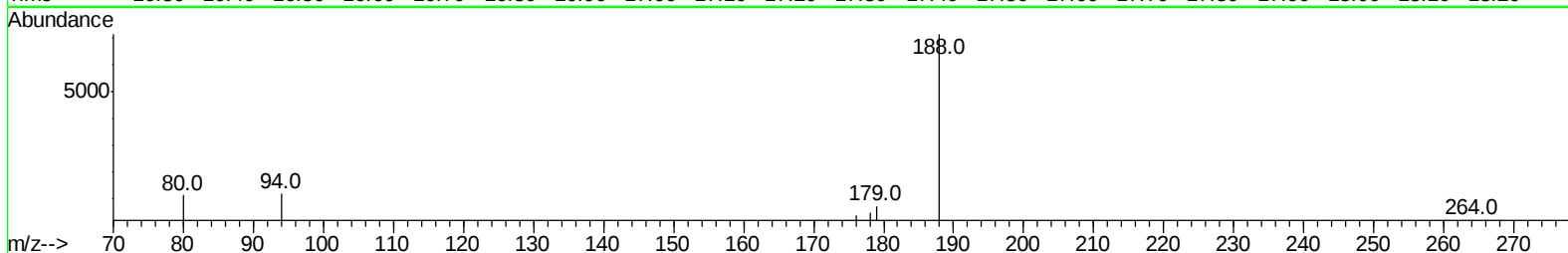
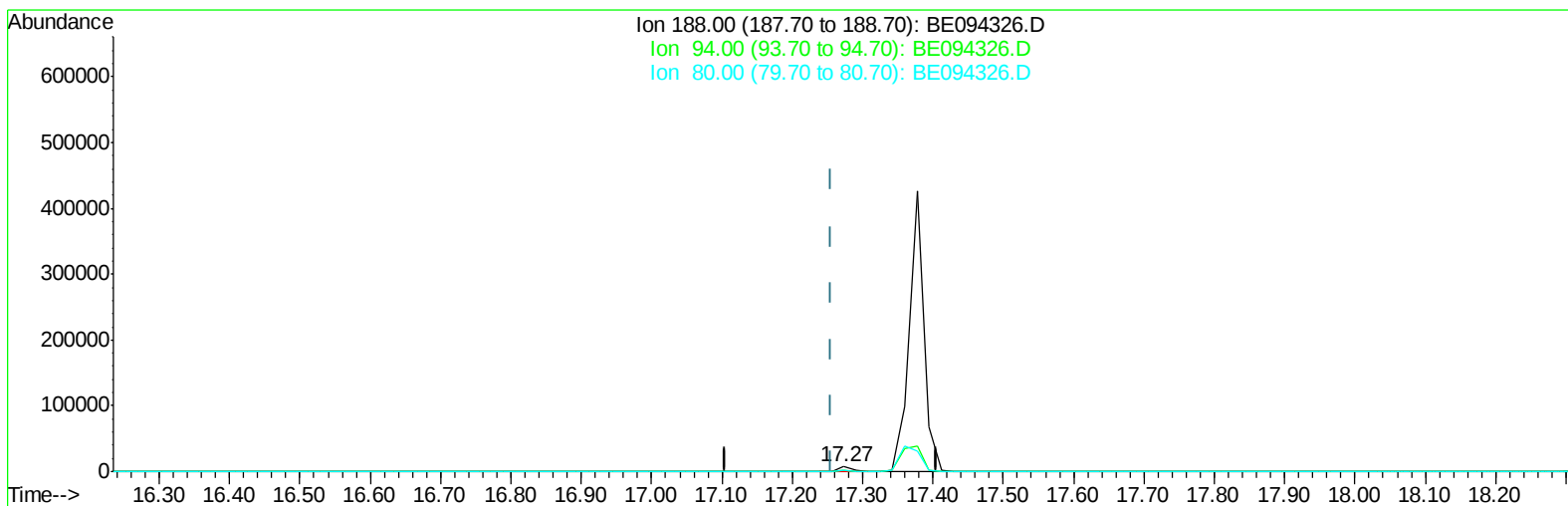
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:18:50 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(10) Phenanthrene-d10 (I)

17.273min (+0.018) 0.40ng/ul m

response 11177

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.32#
80.00	11.80	15.69#
0.00	0.00	0.00

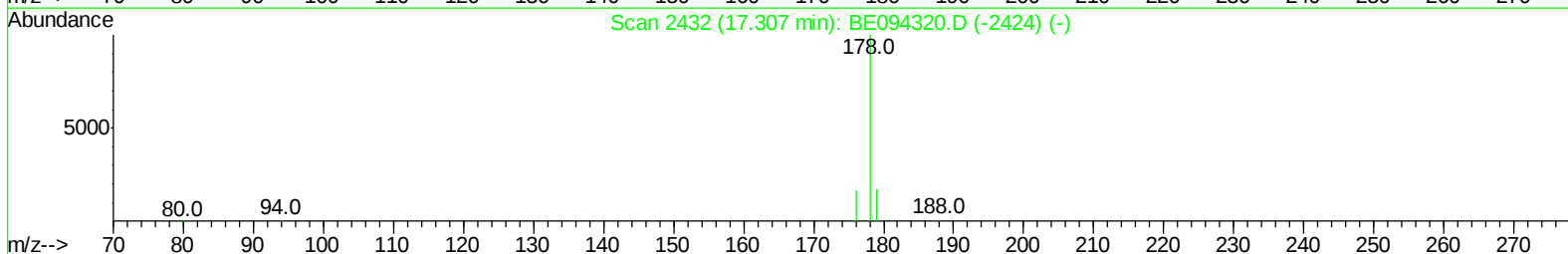
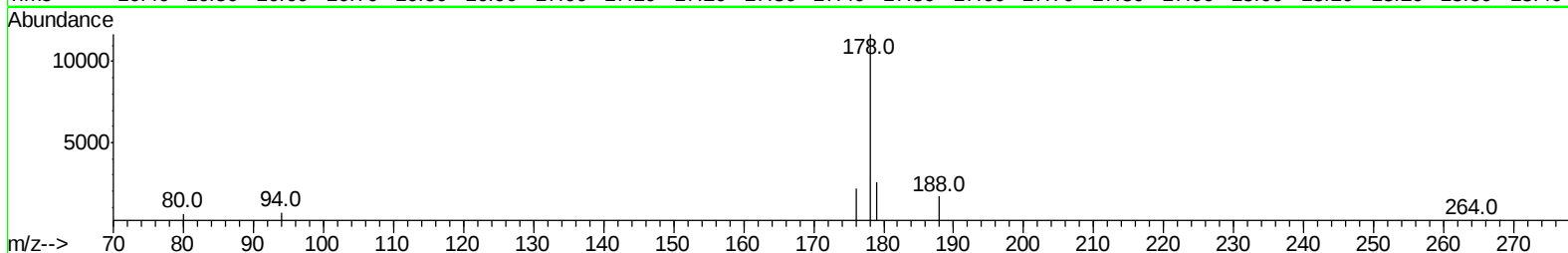
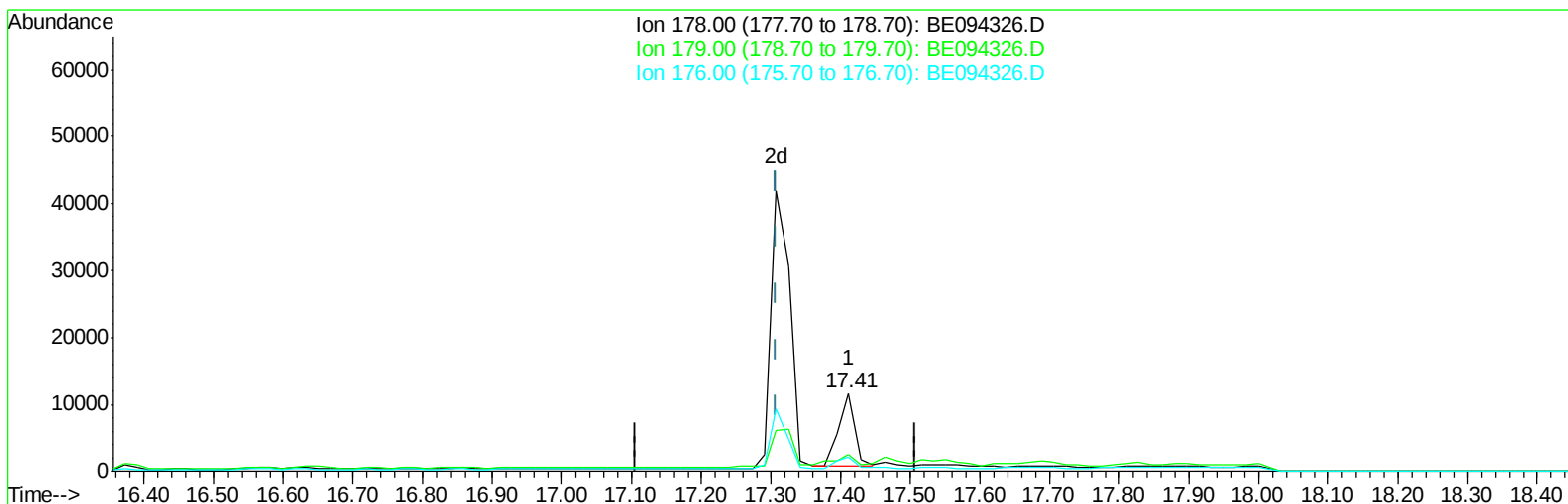
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:51:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(12) Phenanthrene

17.412min (+0.104) 0.61ng/ul

response 17930

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	21.65
176.00	17.00	18.77
0.00	0.00	0.00

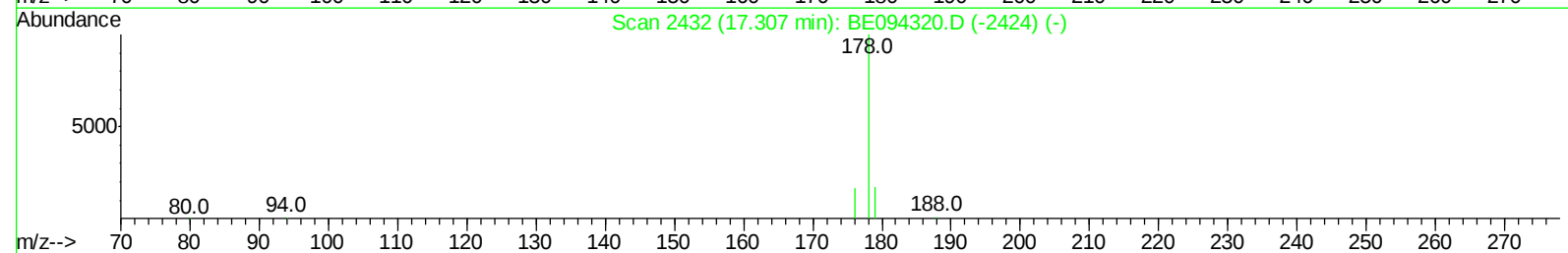
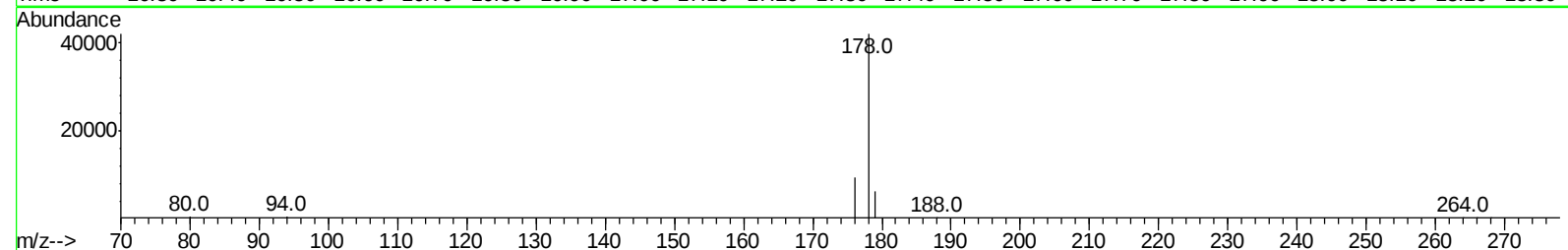
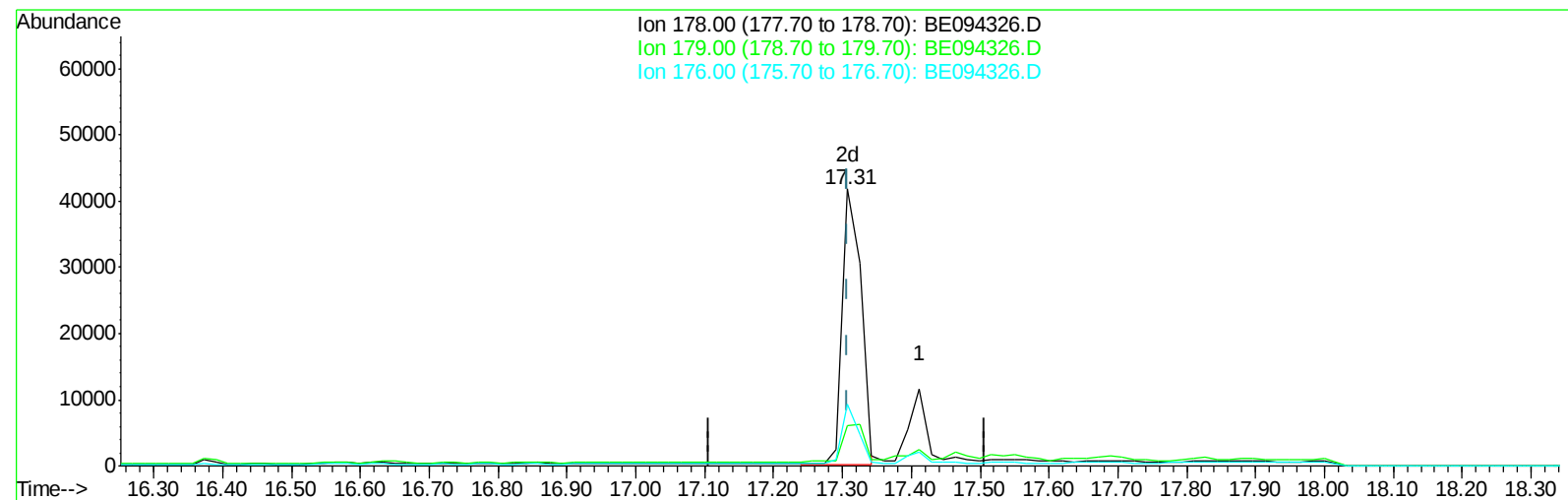
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:51:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(12) Phenanthrene

17.308min (+0.000) 2.69ng/ul m

response 78622

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	14.75#
176.00	17.00	22.24#
0.00	0.00	0.00

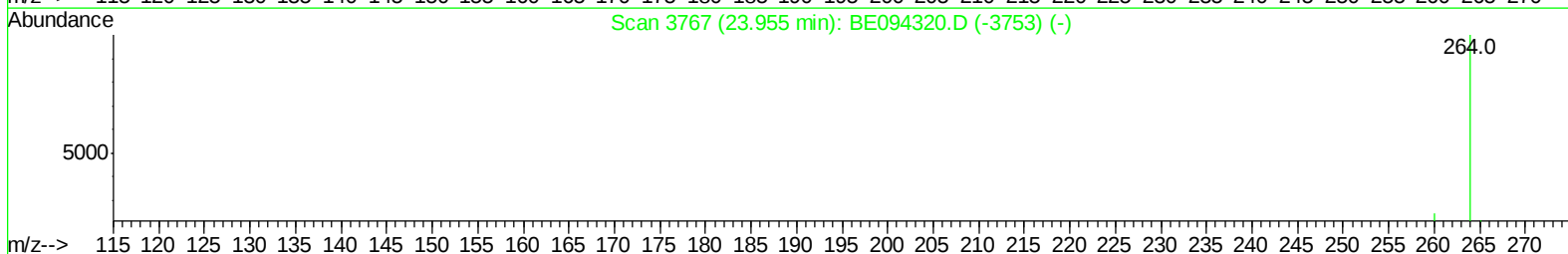
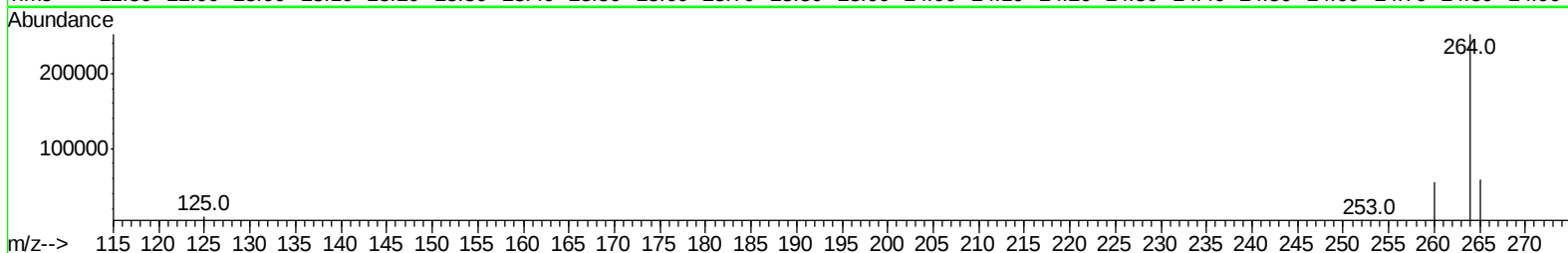
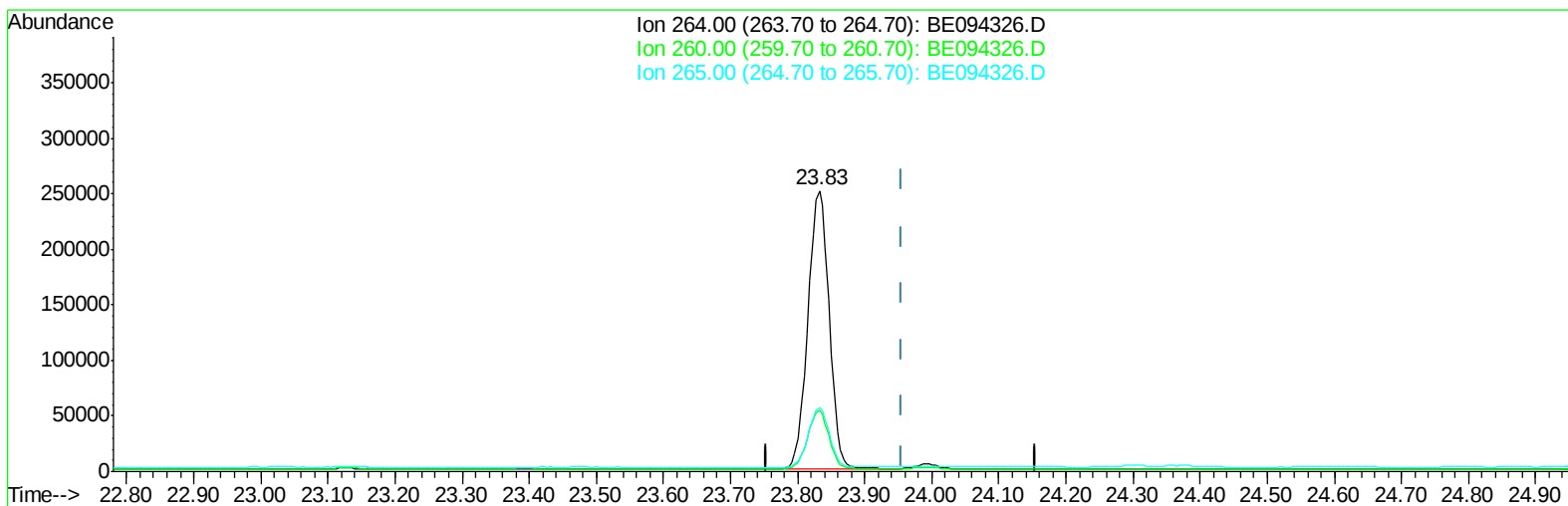
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:51:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(20) Perylene-d12 (I)

23.832min (-0.123) 0.40ng/ul

response 545534

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.65#
265.00	103.50	22.84#
0.00	0.00	0.00

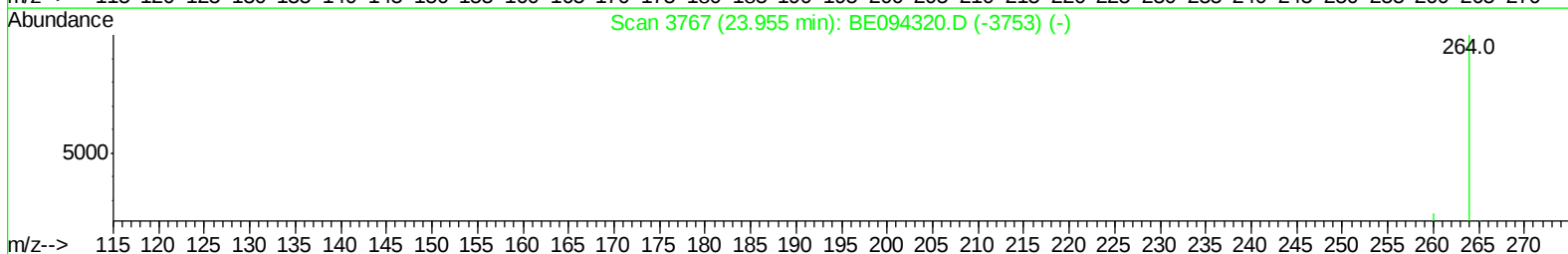
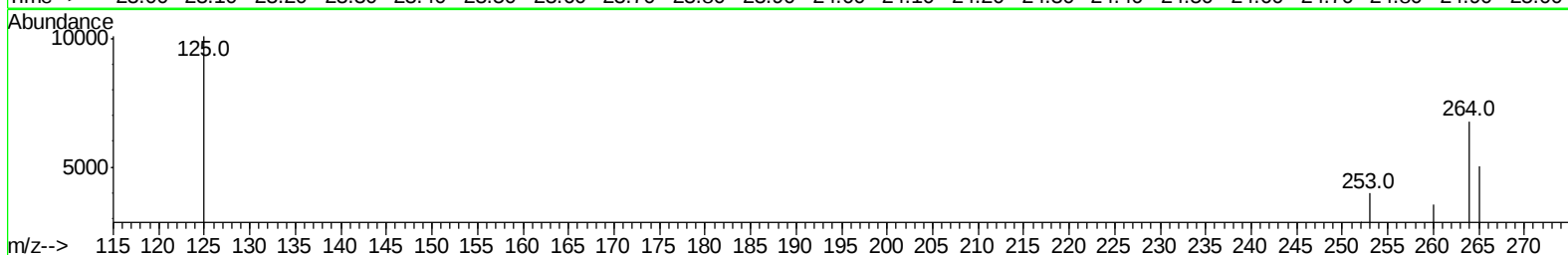
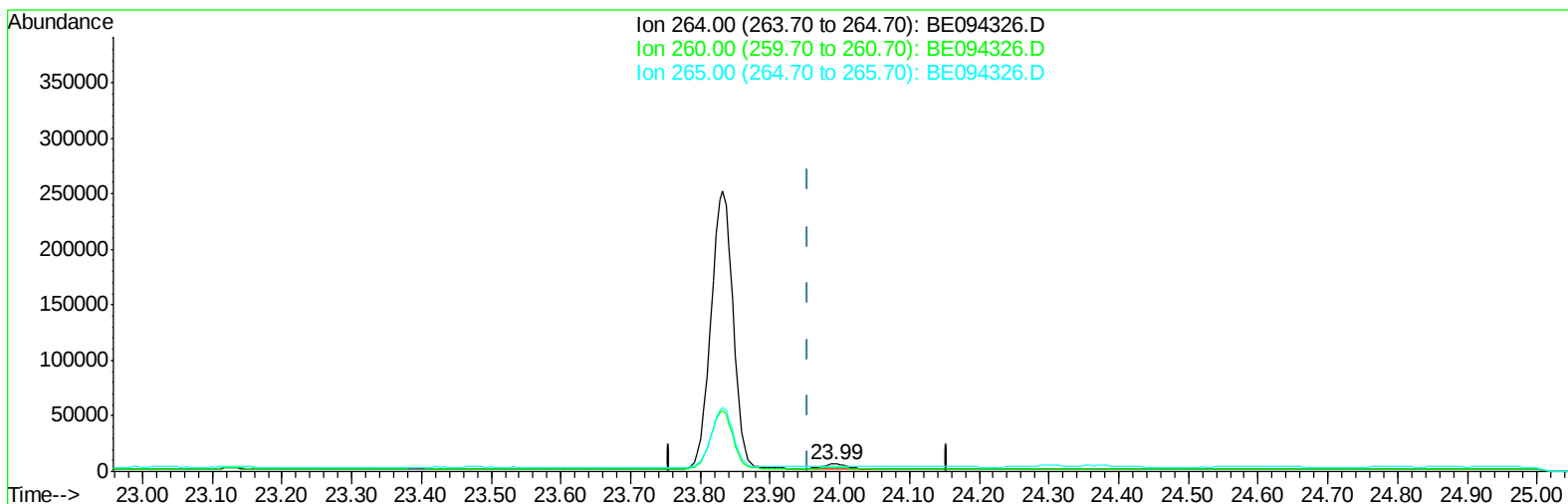
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:51:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(20) Perylene-d12 (I)

23.992min (+0.037) 0.40ng/ul m

response 10050

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	52.23#
265.00	103.50	74.13#
0.00	0.00	0.00

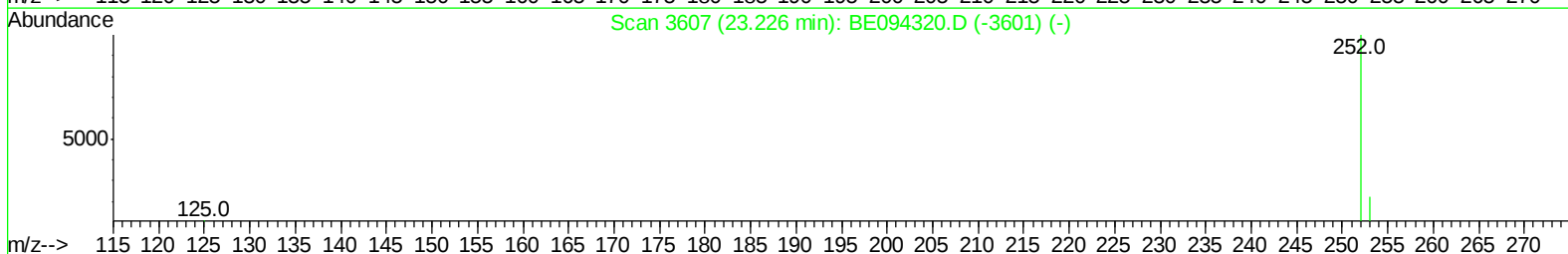
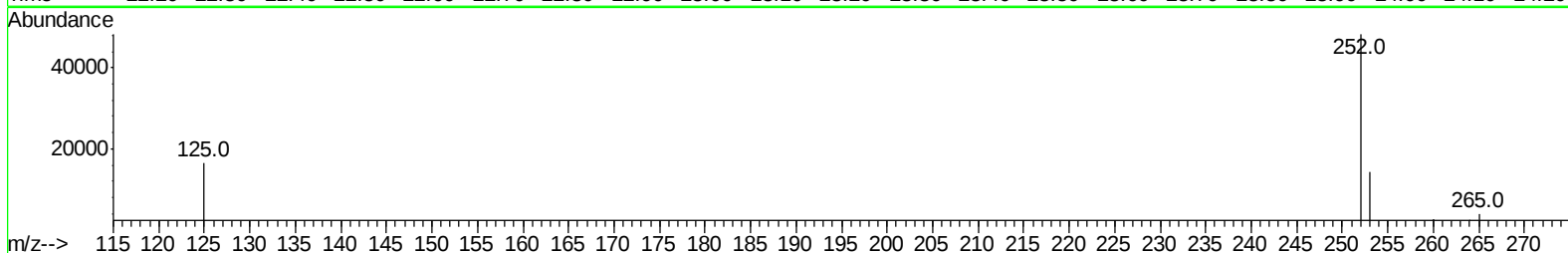
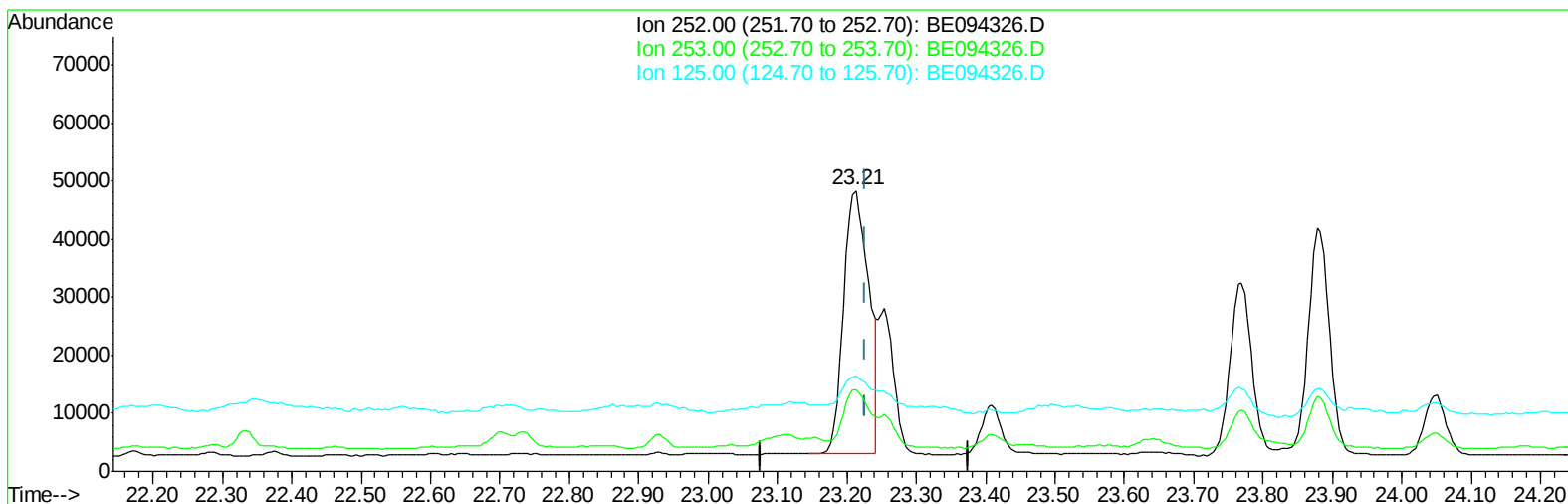
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:52:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(22) Benzo(k)fluoranthene
23.213min (-0.014) 3.58ng/ul
response 112979

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.32
125.00	17.10	34.17#
0.00	0.00	0.00

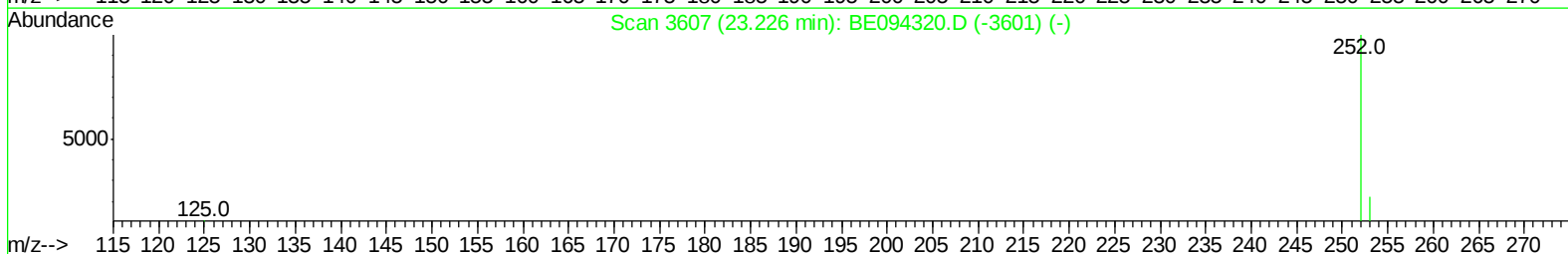
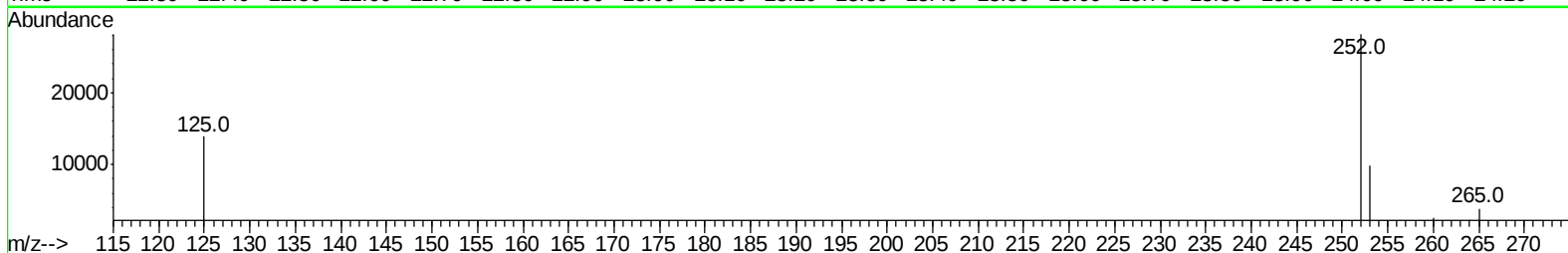
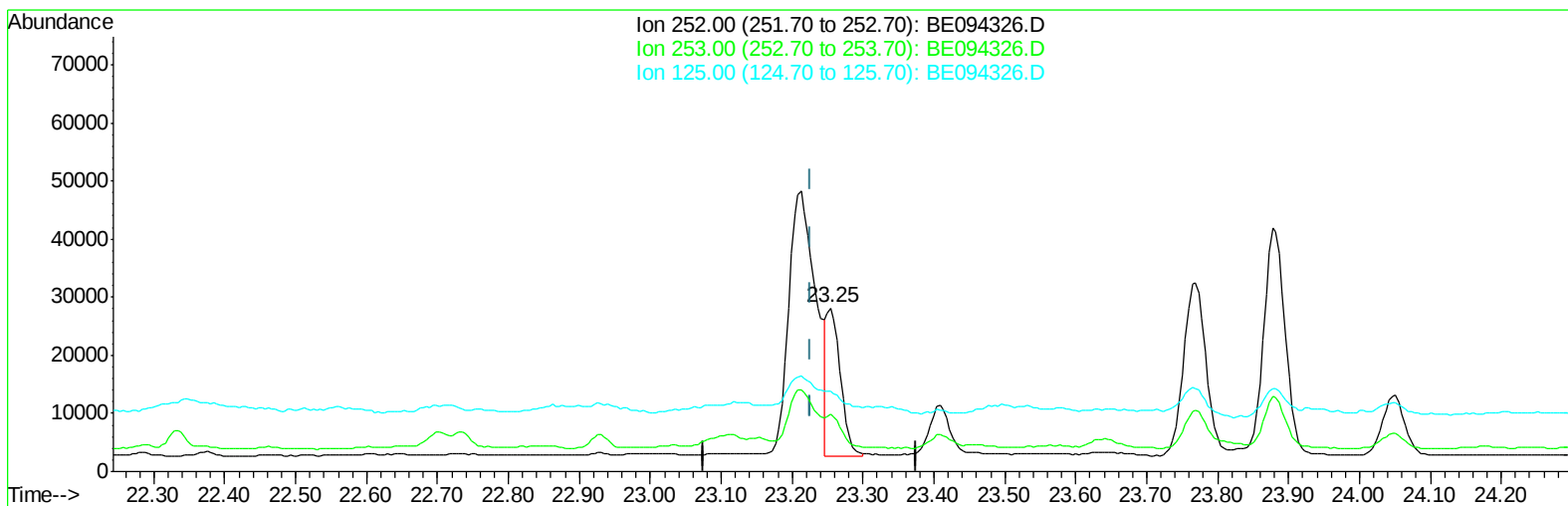
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:52:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(22) Benzo(k)fluoranthene

23.254min (+0.027) 1.13ng/ul m

response 35607

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.92
125.00	17.10	49.30#
0.00	0.00	0.00

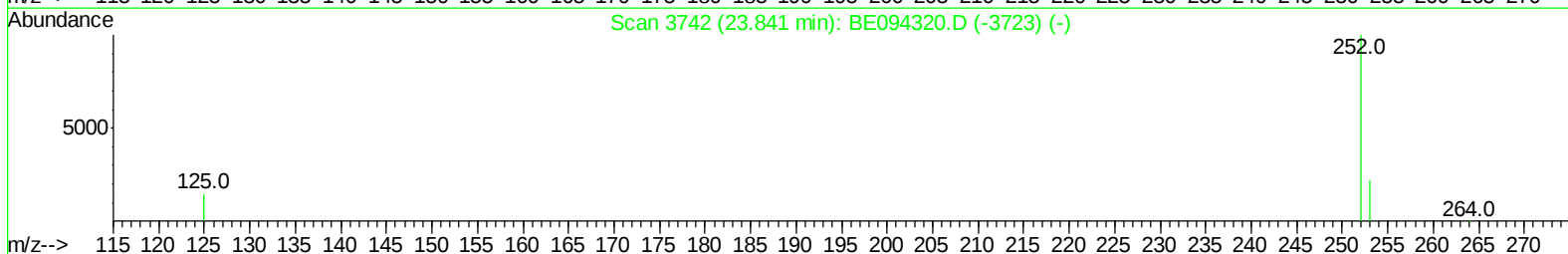
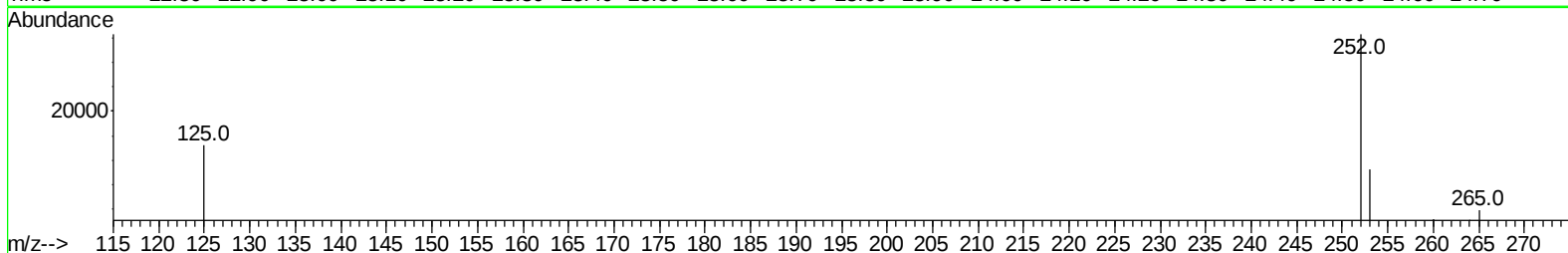
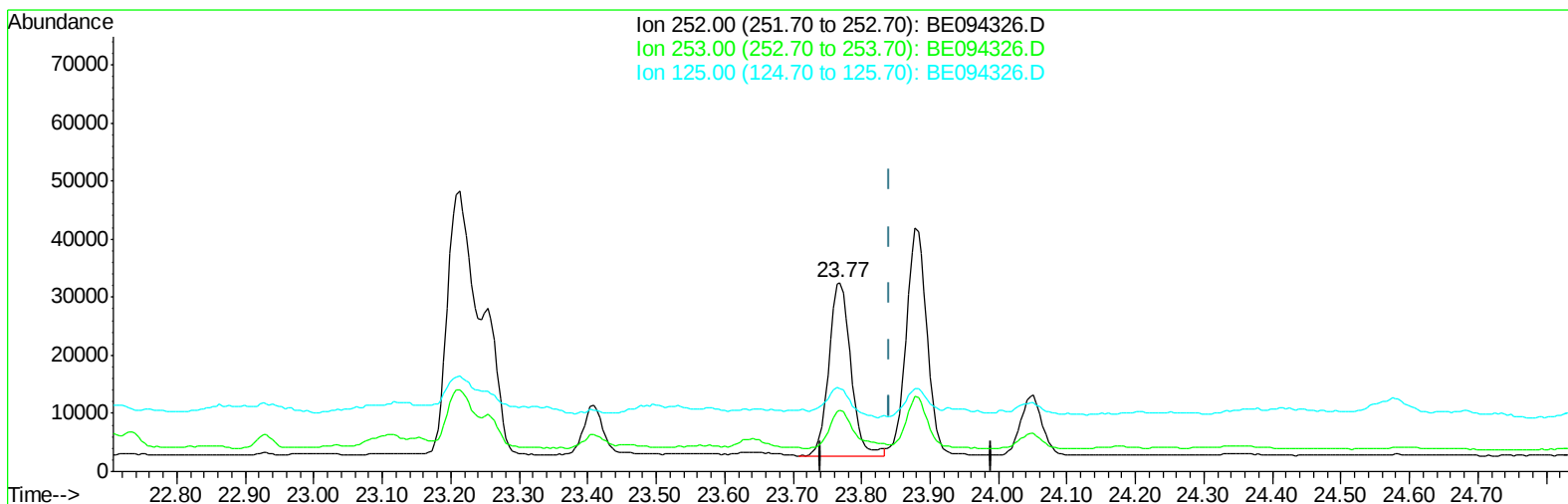
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:52:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(23) Benzo(a)pyrene (C)

23.768min (-0.073) 2.34ng/ul

response 66344

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	32.08
125.00	22.60	44.06#
0.00	0.00	0.00

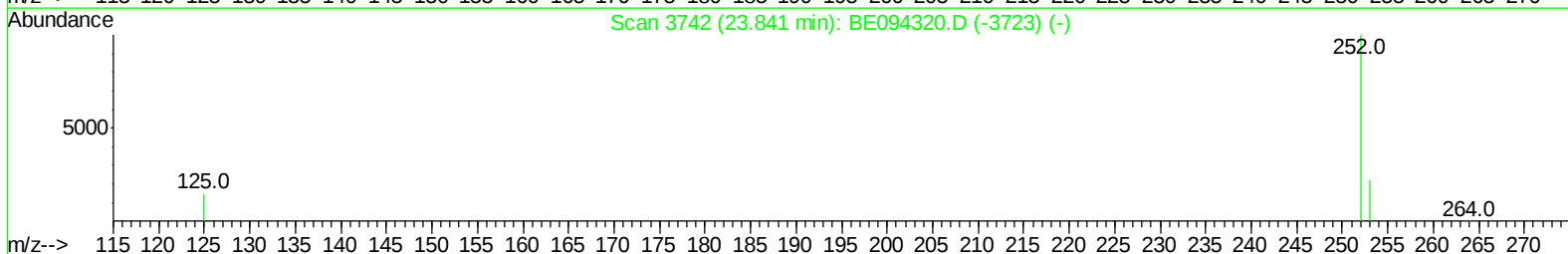
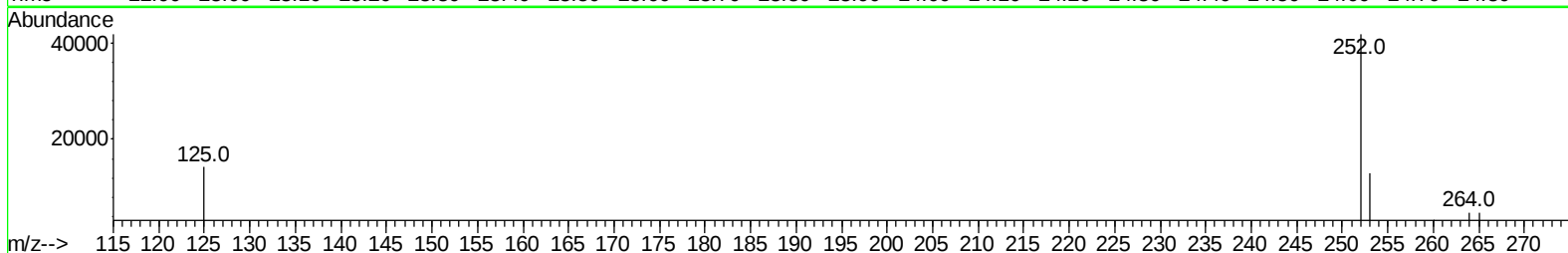
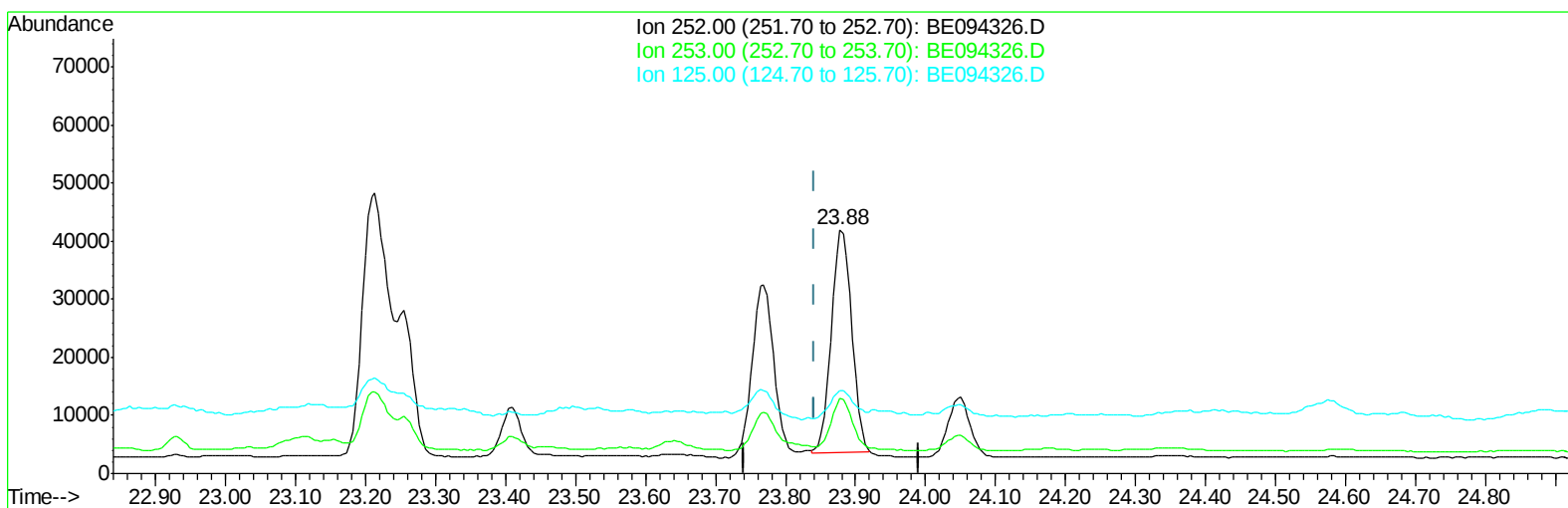
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:52:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(23) Benzo(a)pyrene (C)

23.878min (+0.037) 2.73ng/ul m

response 77409

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	30.73
125.00	22.60	33.87#
0.00	0.00	0.00

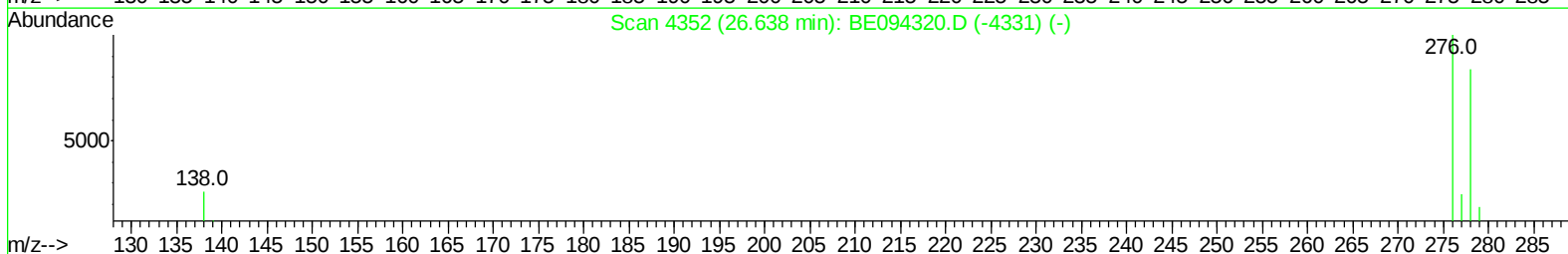
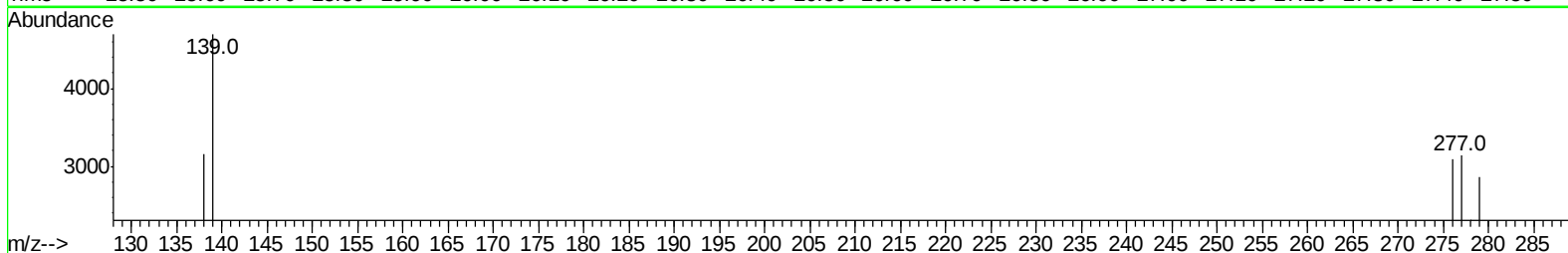
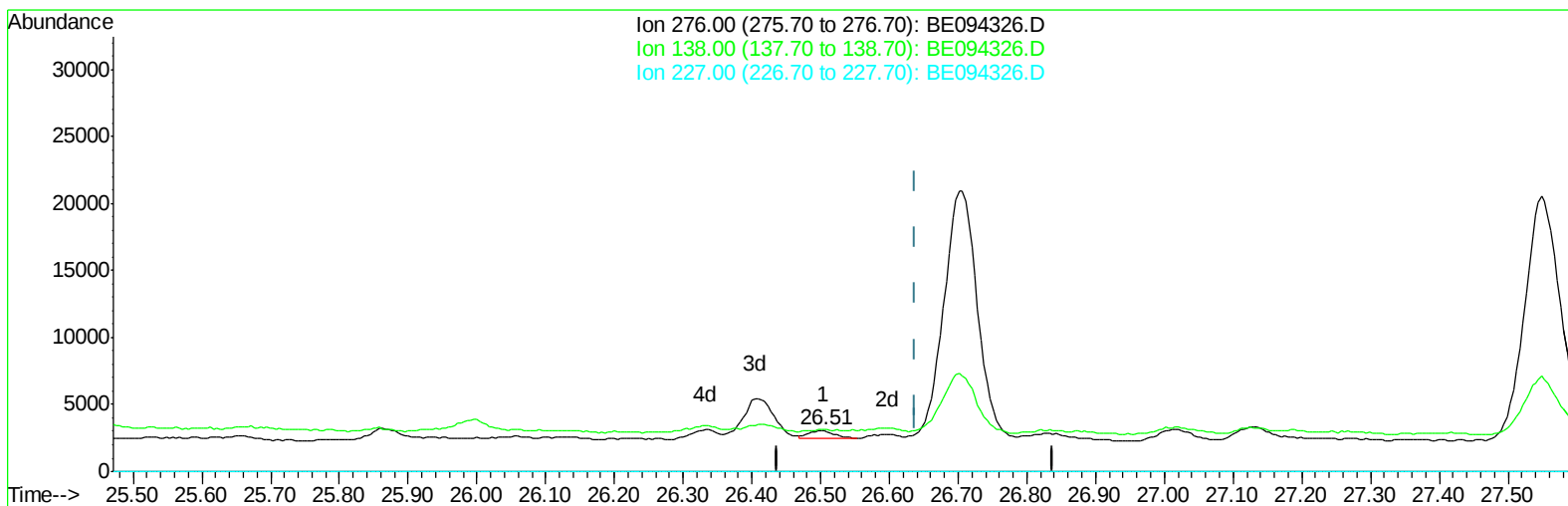
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:52:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

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

26.505min (-0.132) 0.06ng/ul

response 1643

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	23.49#
227.00	10.00	0.00#
0.00	0.00	0.00

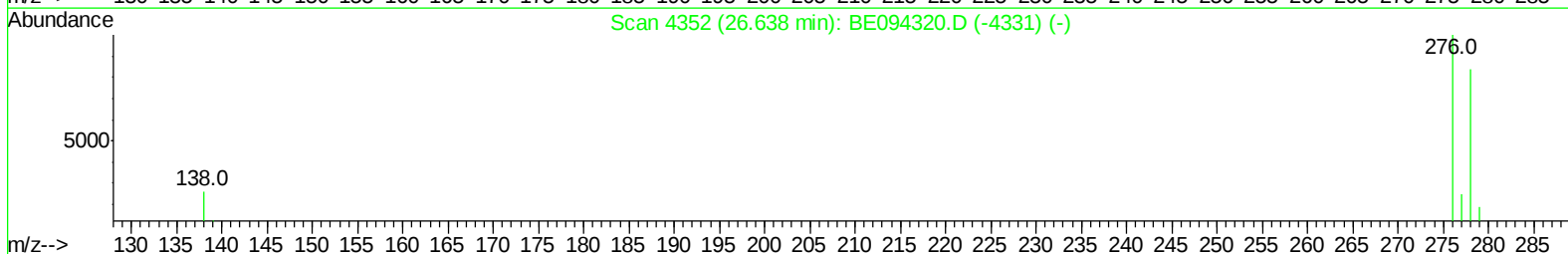
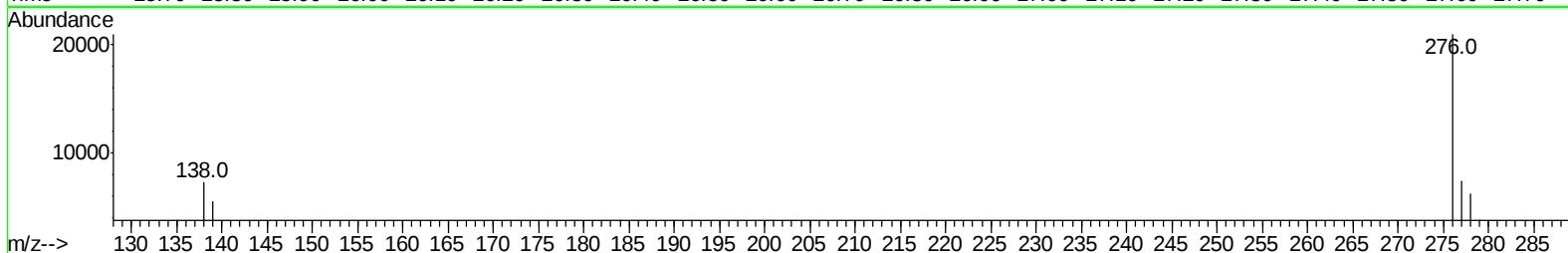
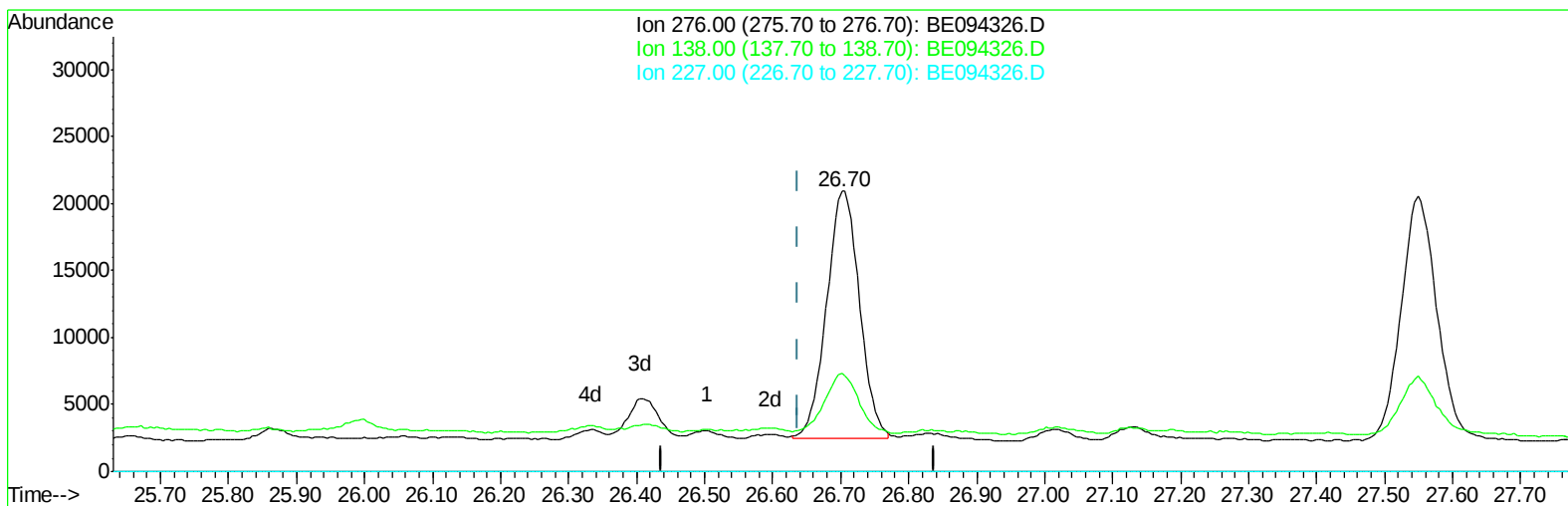
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:52:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

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

26.701min (+0.064) 2.13ng/ul m

response 61837

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.62#
227.00	10.00	0.00#
0.00	0.00	0.00

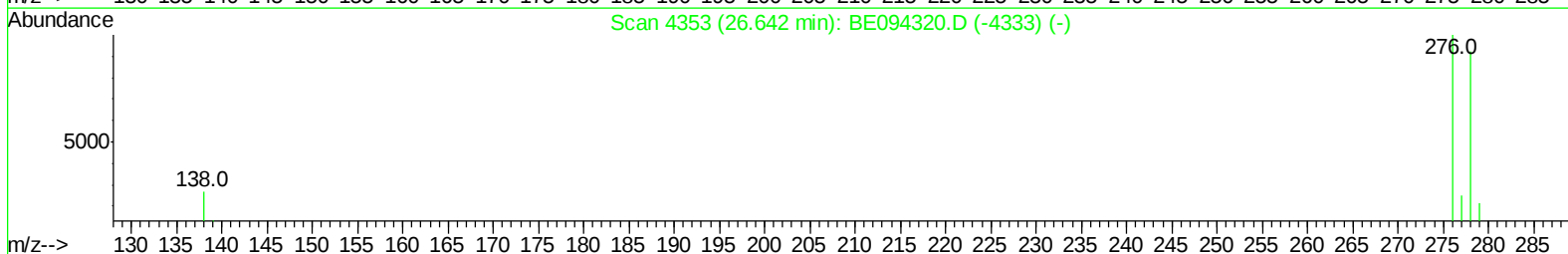
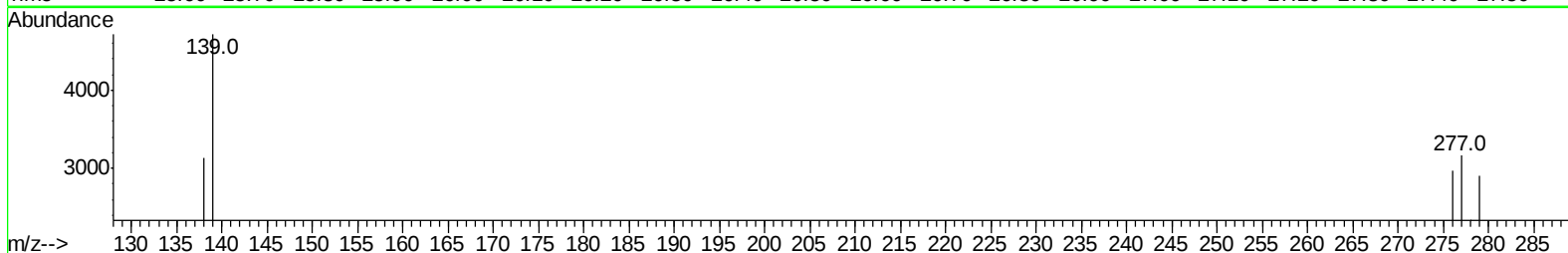
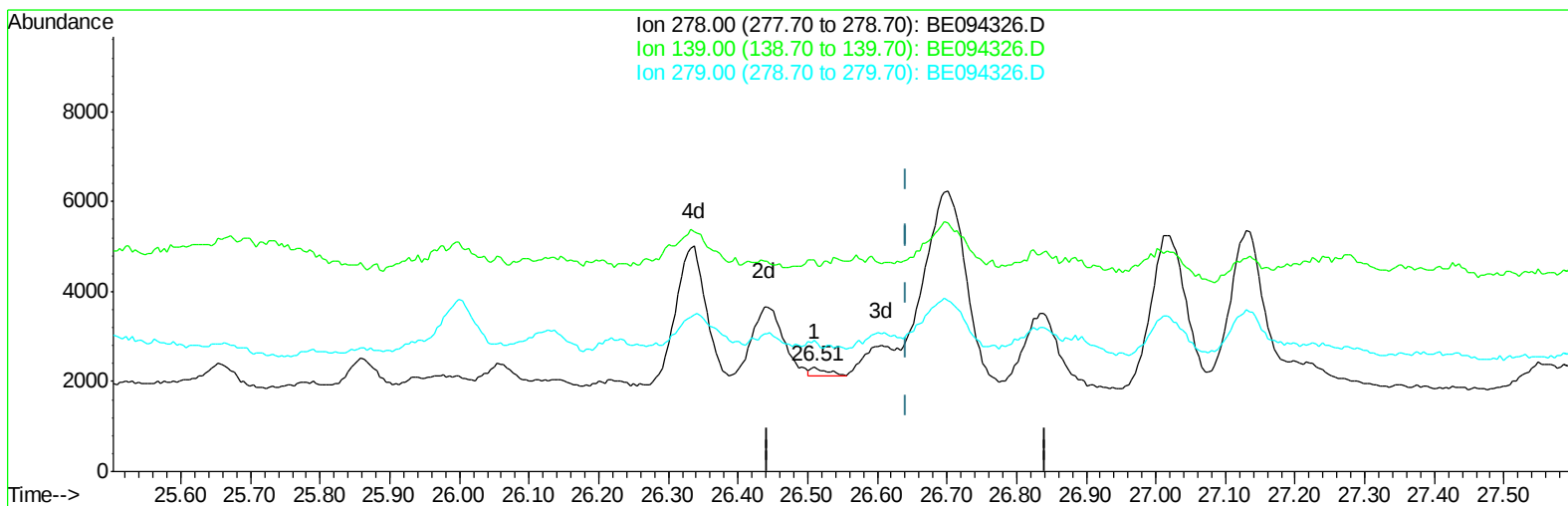
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
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Sample : I5568-04
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Instrument :
BNA_E
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B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:52:49 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: BE094326.D

(25) Dibenzo(a,h)anthracene

26.510min (-0.132) 0.01ng/ul

response 336

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	202.23#
279.00	32.40	124.69#
0.00	0.00	0.00

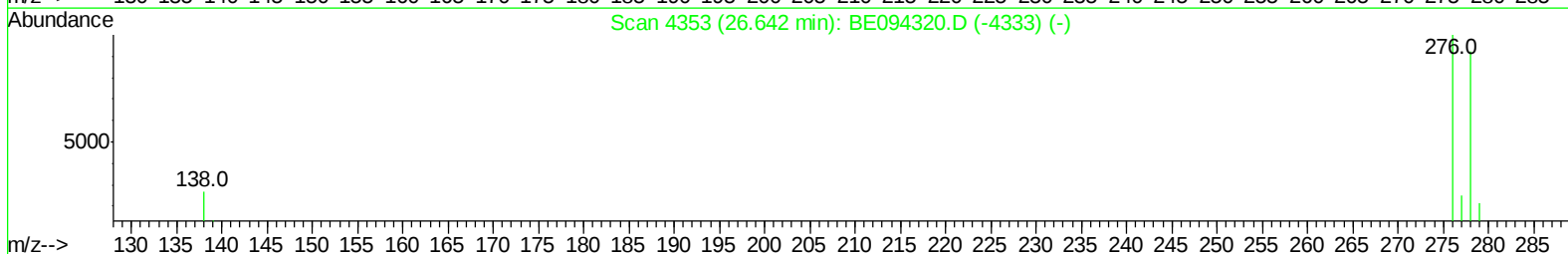
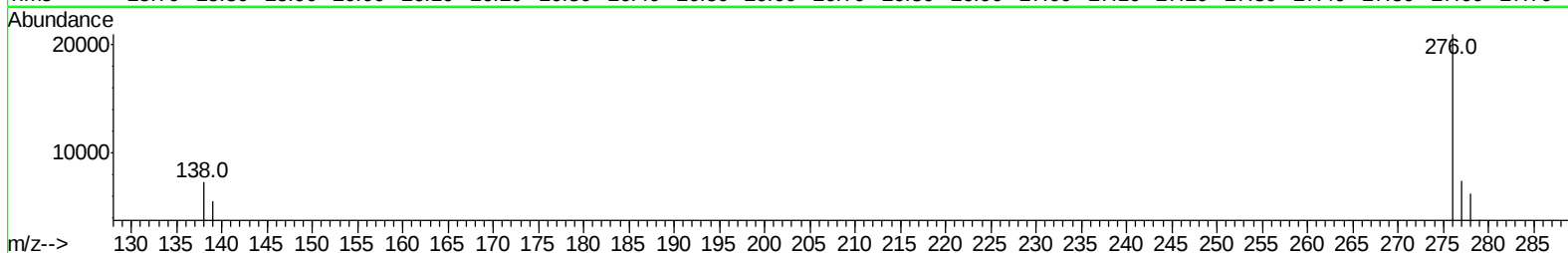
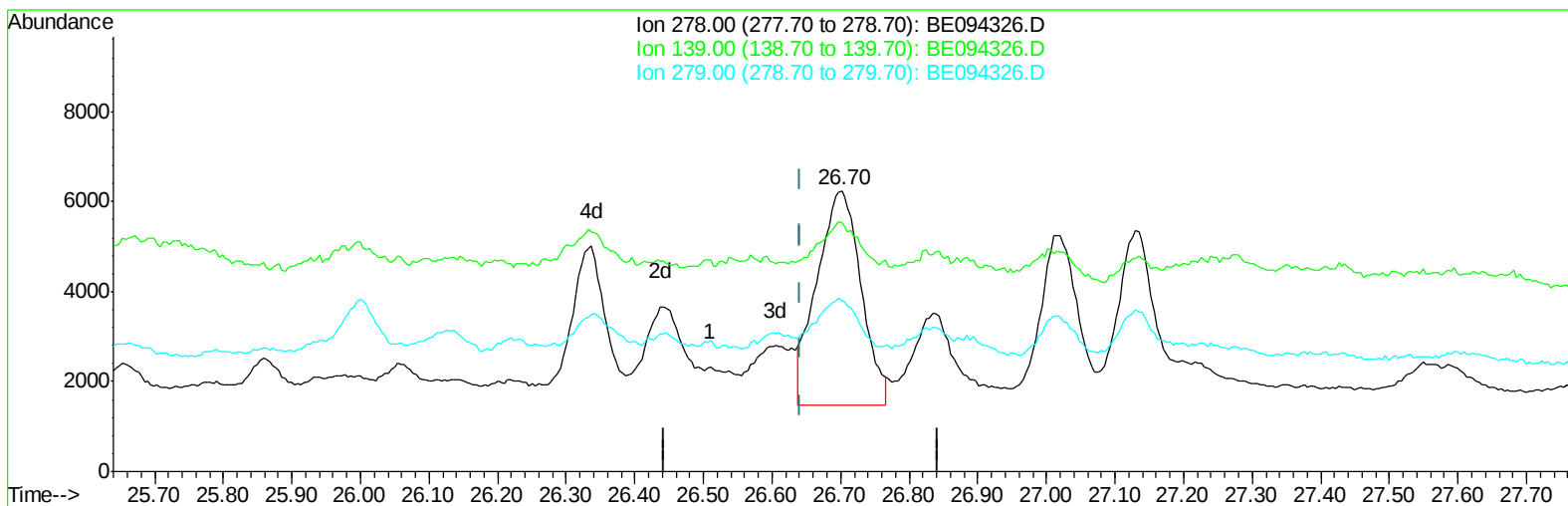
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:52:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



TIC: BE094326.D

(25) Dibenzo(a,h)anthracene

26.701min (+0.059) 0.87ng/ul m

response 21192

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	88.84#
279.00	32.40	60.81#
0.00	0.00	0.00

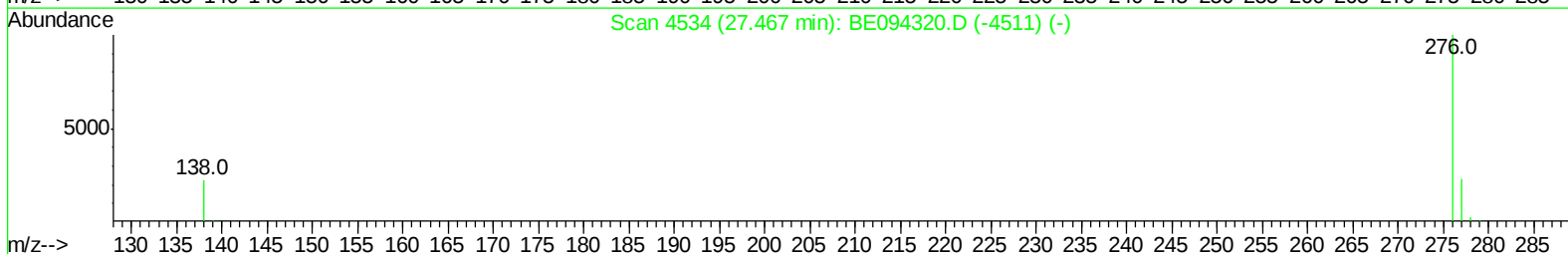
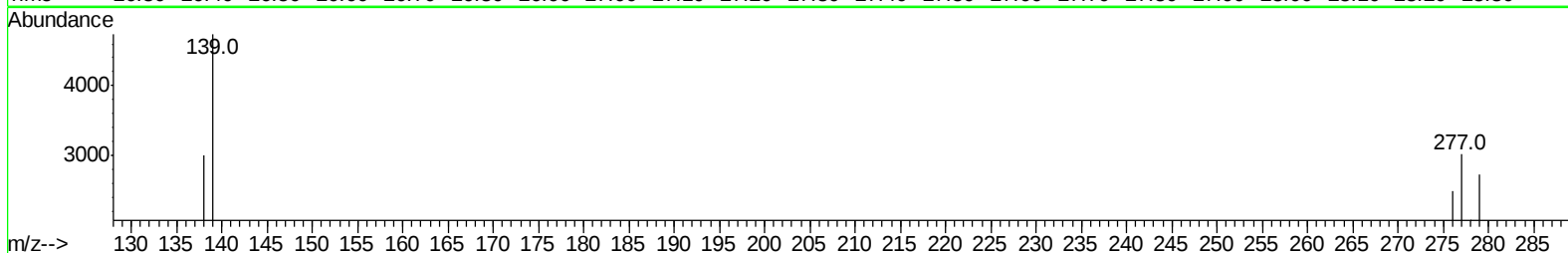
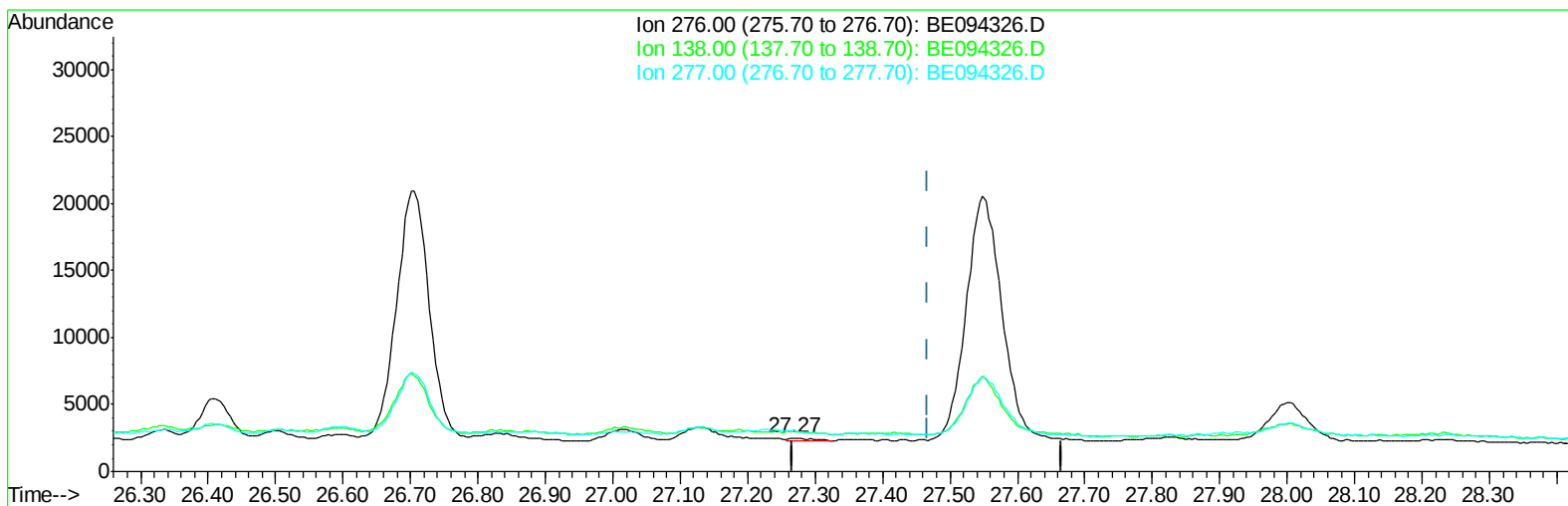
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:52:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094326.D

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

27.266min (-0.201) 0.01ng/ul

response 366

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	121.06#
277.00	25.60	121.50#
0.00	0.00	0.00

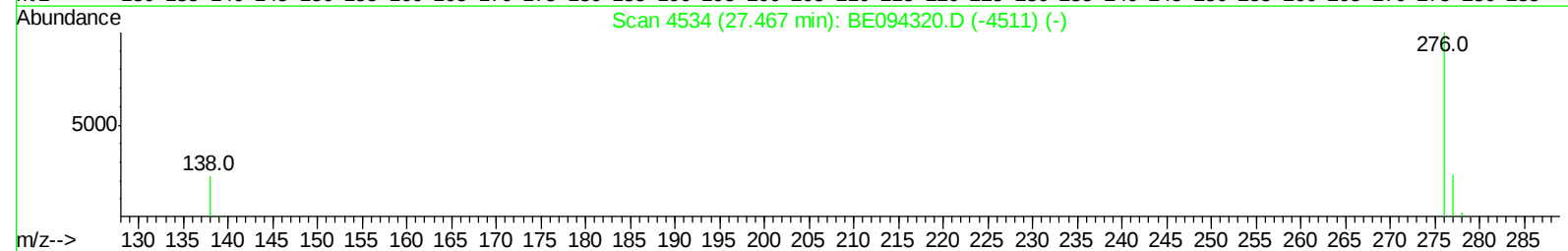
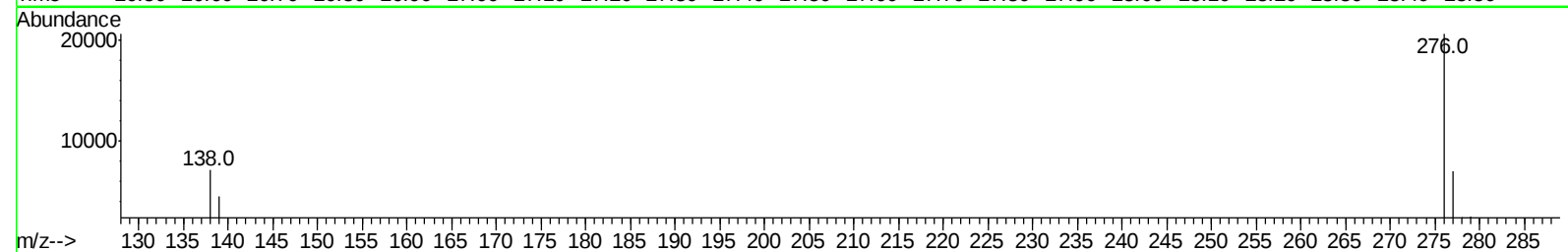
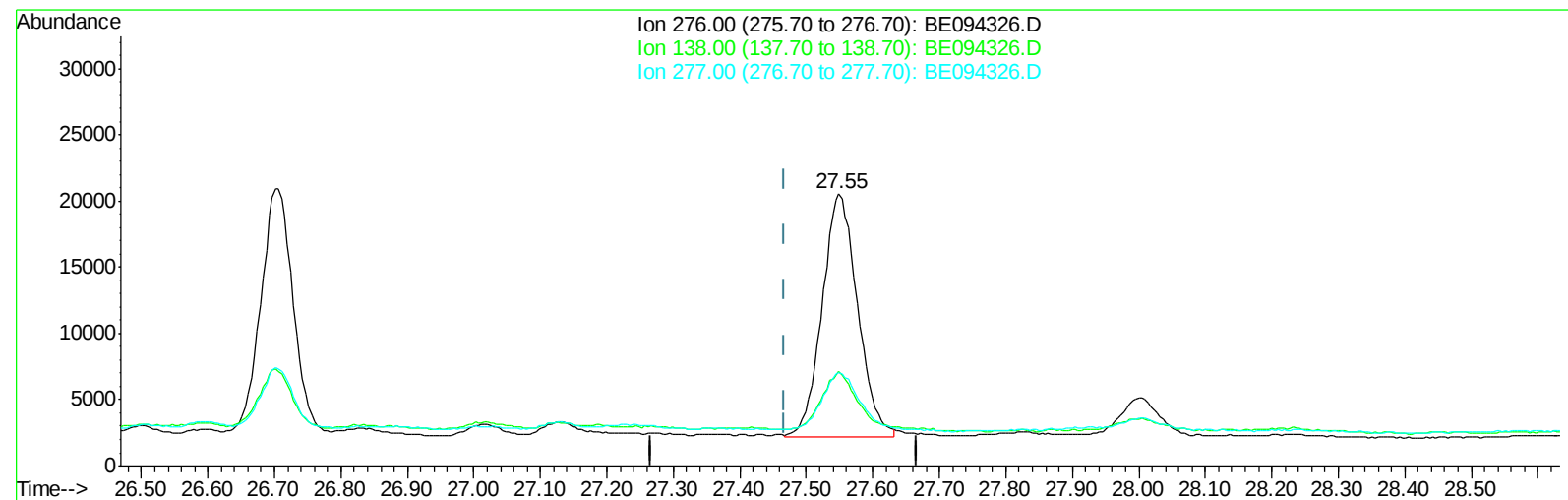
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094326.D
Acq On : 13 Oct 2017 15:55
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-75(0-1)-092917

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 14 02:52:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094326.D

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

27.549min (+0.082) 2.71ng/ul m

response 67781

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	34.58#
277.00	25.60	34.30#
0.00	0.00	0.00

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094326.D
 Acq On : 13 Oct 2017 15:55
 Operator : SJ/JU
 Sample : I5568-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-75(0-1)-092917

Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 02:15:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1647	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	8353	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.54	164	5075	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.27	188	11177m	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	10704	0.40	ng/ul	0.02
20) Perylene-d12	23.99	264	10050m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	3548	0.27	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	8030	0.22	ng/ul	0.02
Target Compounds					Ovalue	
3) Naphthalene	10.76	128	10432	0.510	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	5949	0.448	ng/ul	96
7) Acenaphthylene	14.27	152	4838	0.245	ng/ul#	91
8) Acenaphthene	14.60	153	3044	0.187	ng/ul	97
9) Fluorene	15.59	166	4399	0.231	ng/ul	91
12) Phenanthrene	17.31	178	78622m	2.692	ng/ul	
13) Anthracene	17.41	178	19868	0.699	ng/ul	99
15) Fluoranthene	19.33	202	147418	3.841	ng/ul	84
17) Pyrene	19.70	202	153852	5.166	ng/ul#	83
18) Benzo(a)anthracene	21.43	228	81539	2.871	ng/ul#	90
19) Chrysene	21.48	228	85737	2.614	ng/ul#	88
21) Benzo(b)fluoranthene	23.21	252	112979	4.138	ng/ul	83
22) Benzo(k)fluoranthene	23.25	252	35607m	1.128	ng/ul	
23) Benzo(a)pyrene	23.88	252	77409m	2.729	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.70	276	61837m	2.131	ng/ul	
25) Dibenzo(a,h)anthracene	26.70	278	21192m	0.871	ng/ul	
26) Benzo(a,h,i)perylene	27.55	276	67781m	2.708	ng/ul	

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

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