

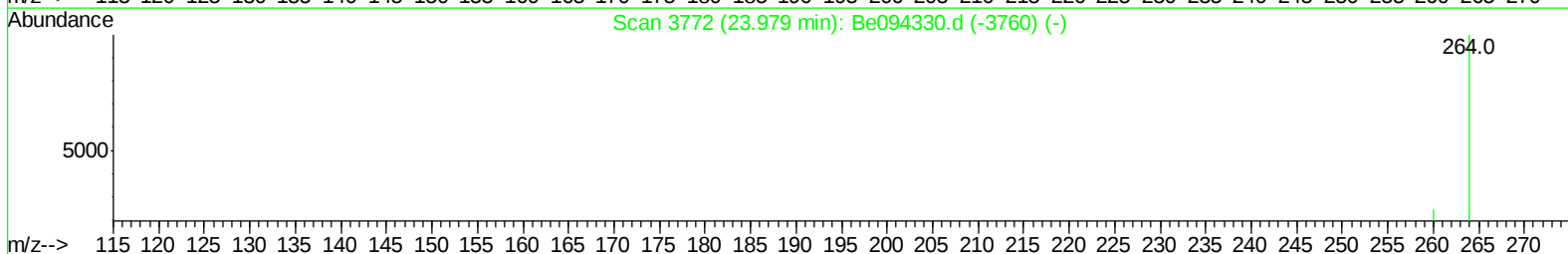
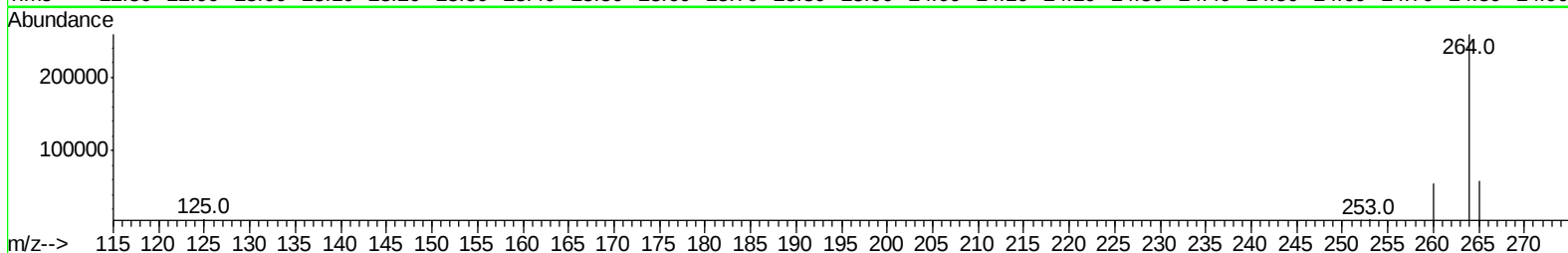
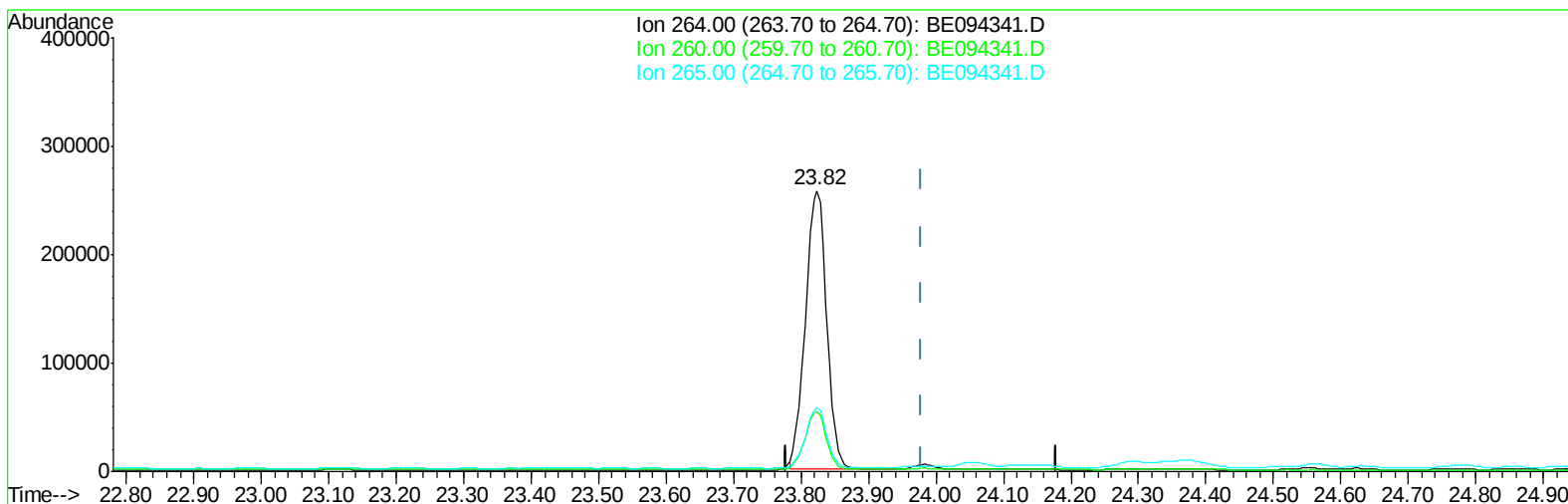
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 04:03:19 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

(20) Perylene-d12 (I)

23.824min (-0.155) 0.40ng/ul

response 562629

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.22#
265.00	103.50	22.60#
0.00	0.00	0.00

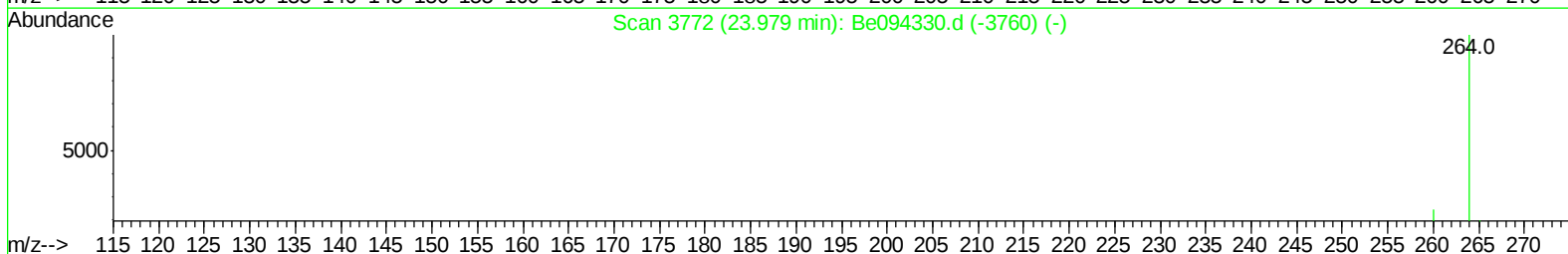
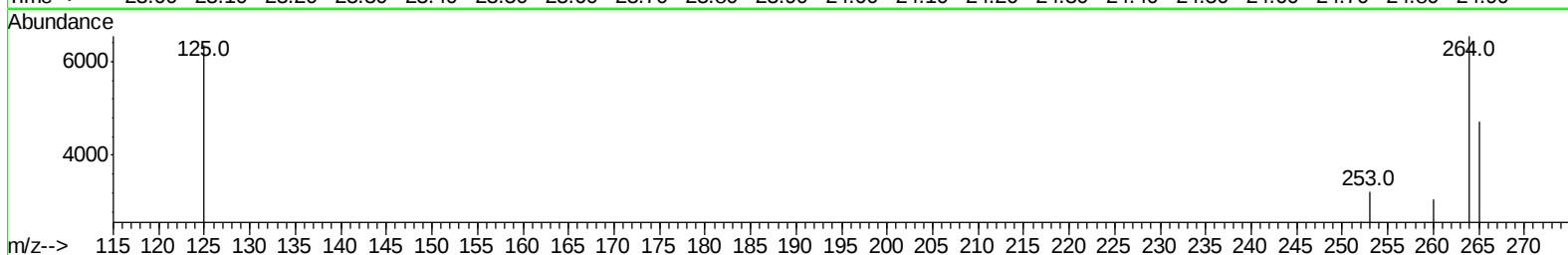
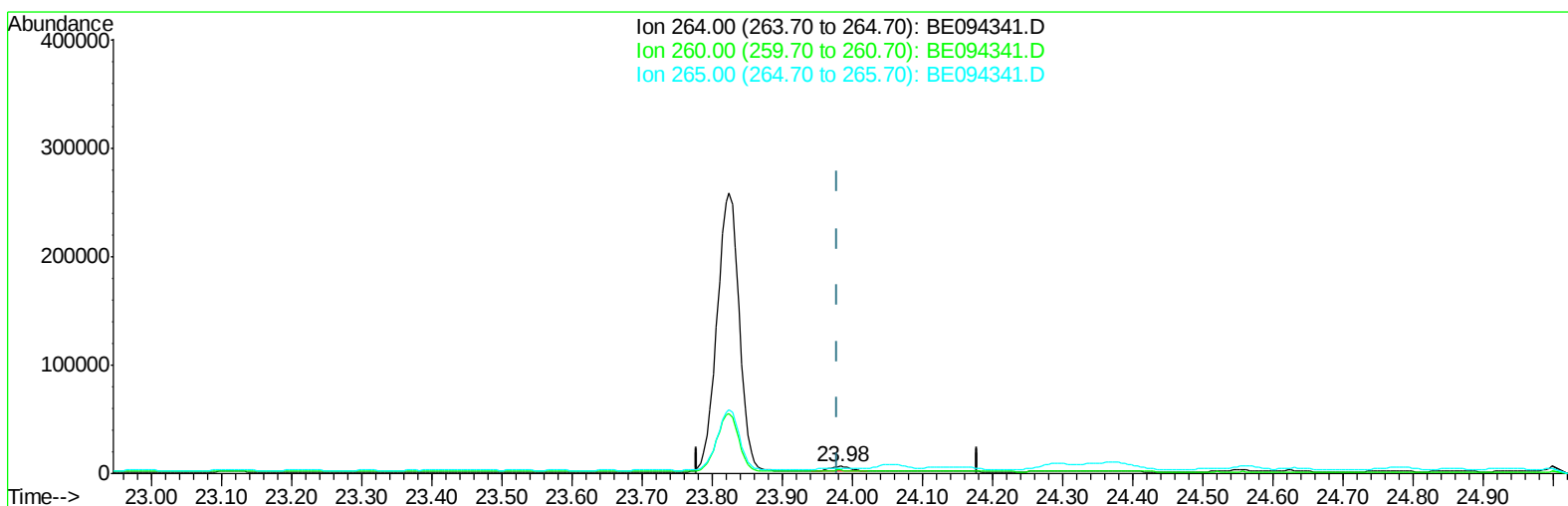
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 04:03:19 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

(20) Perylene-d12 (I)

23.983min (+0.004) 0.40ng/ul m

response 10132

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	46.86#
265.00	103.50	72.30#
0.00	0.00	0.00

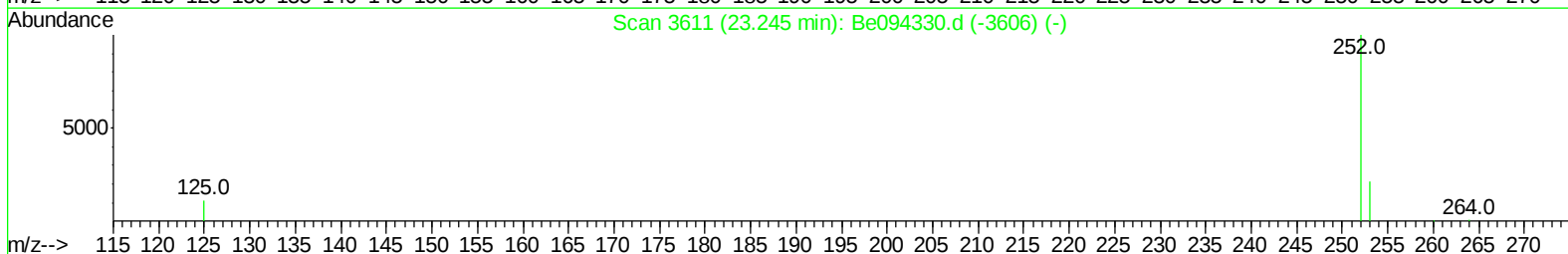
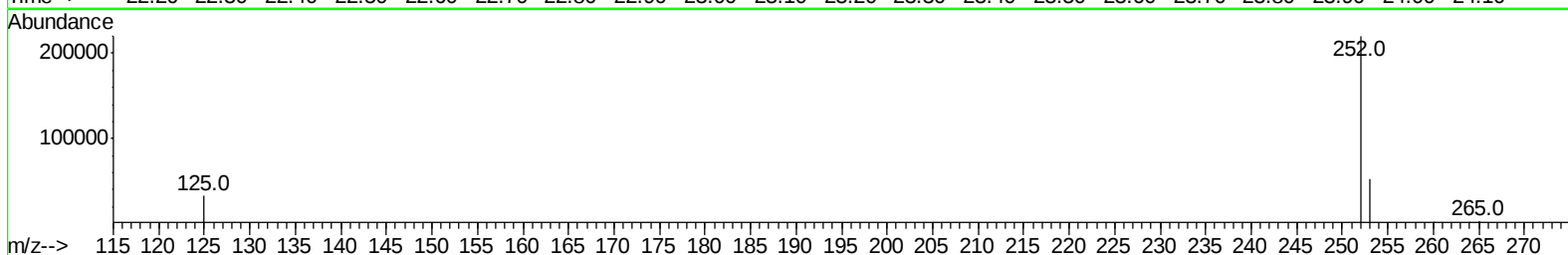
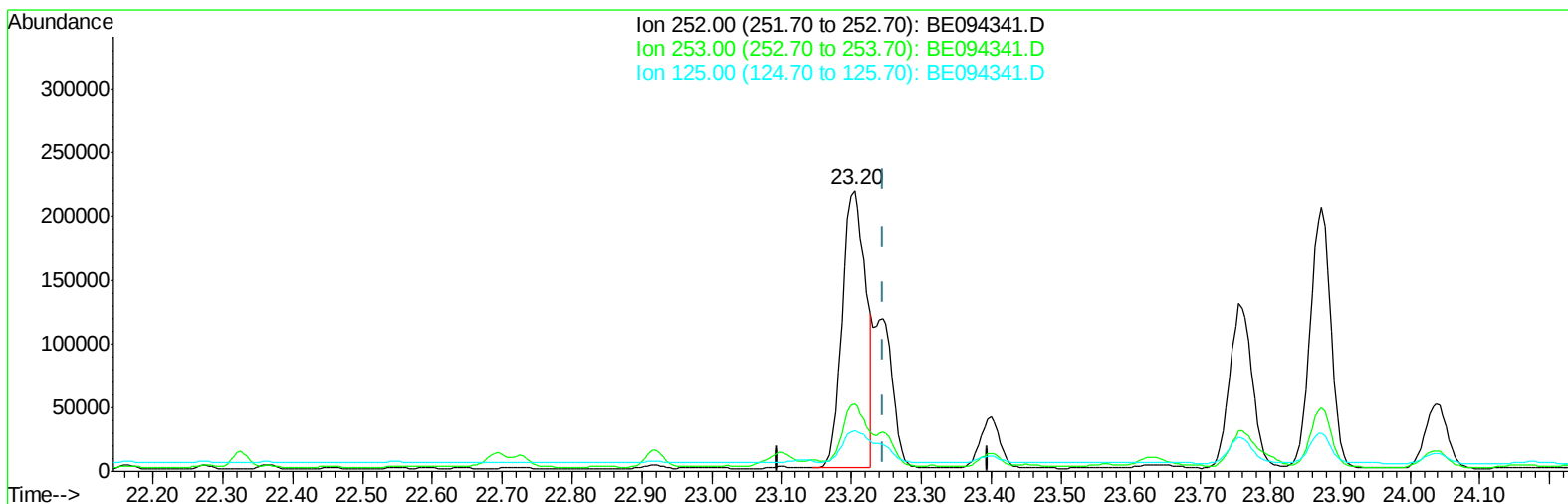
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

(22) Benzo(k)fluoranthene

23.204min (-0.041) 16.02ng/ul

response 509611

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.07#
125.00	17.10	14.71
0.00	0.00	0.00

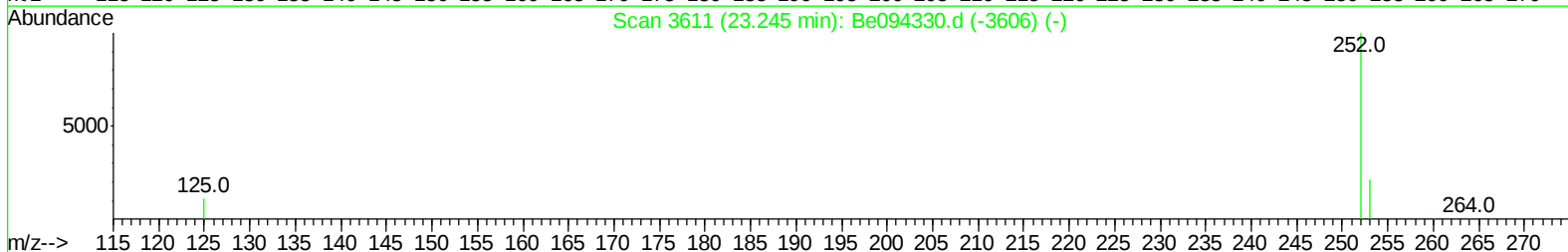
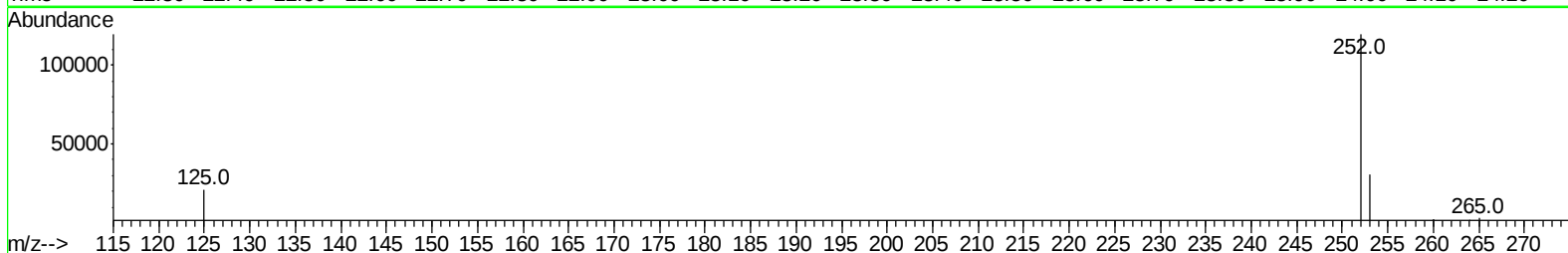
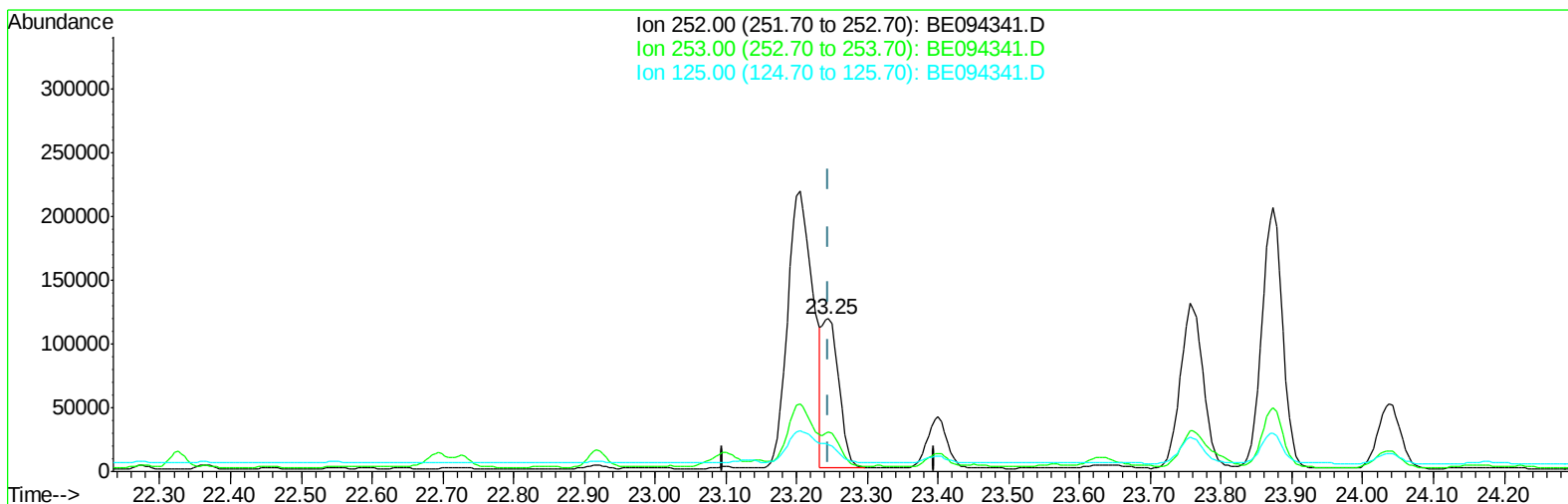
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

(22) Benzo(k)fluoranthene

23.245min (-0.000) 6.21ng/ul m

response 197704

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.55
125.00	17.10	17.46
0.00	0.00	0.00

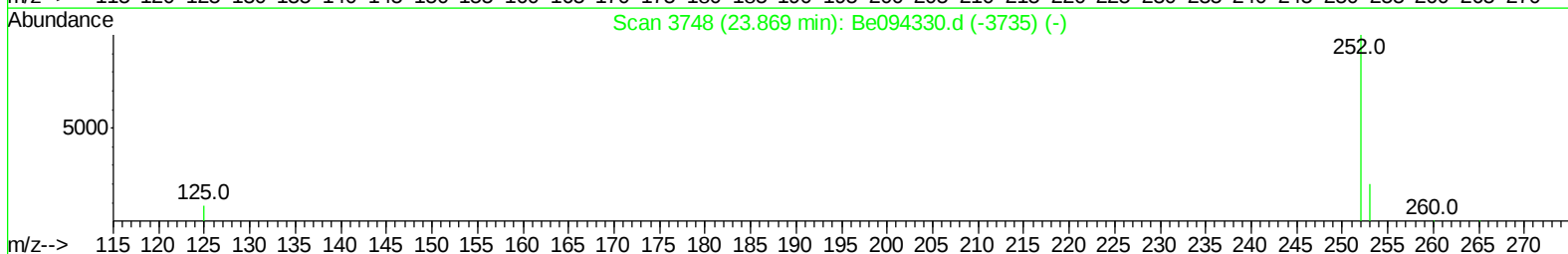
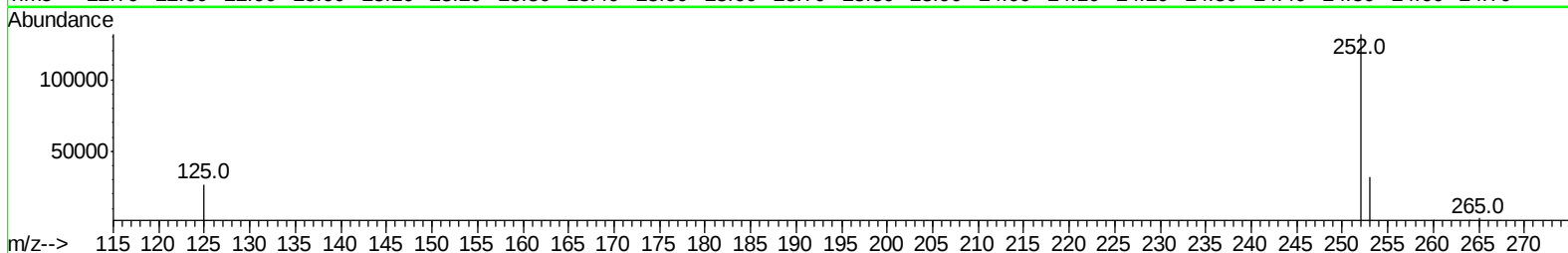
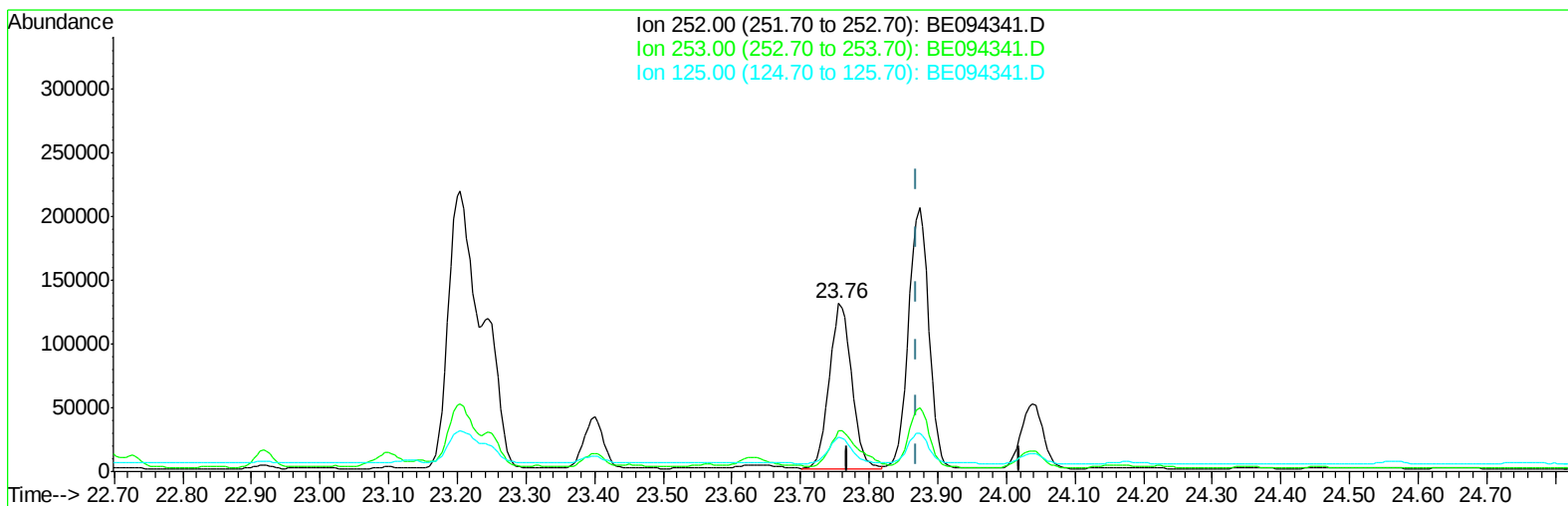
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

(23) Benzo(a)pyrene (C)

23.755min (-0.114) 10.26ng/ul

response 293452

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.99#
125.00	22.60	20.41
0.00	0.00	0.00

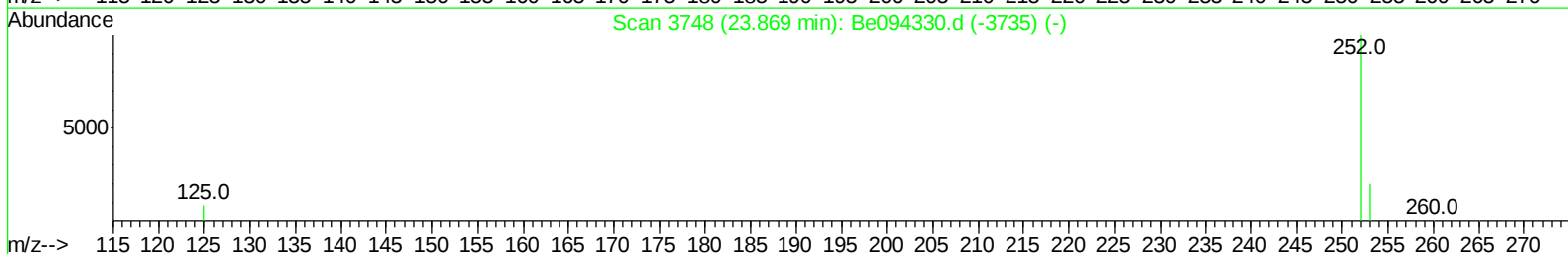
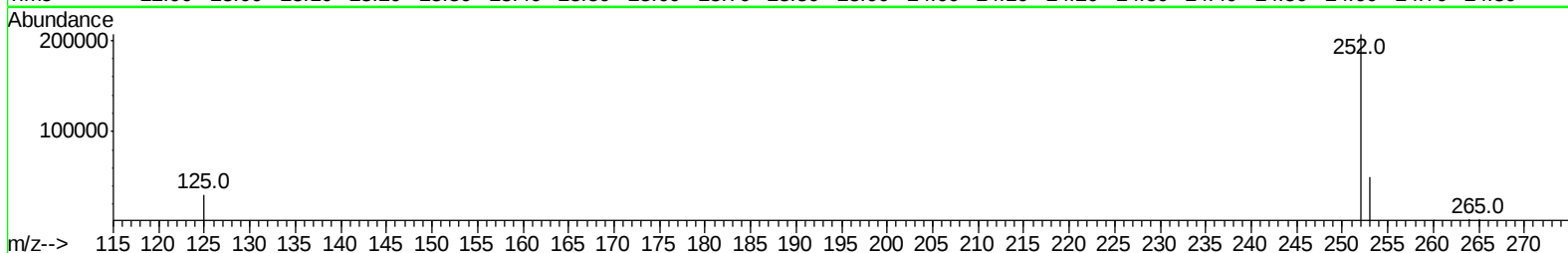
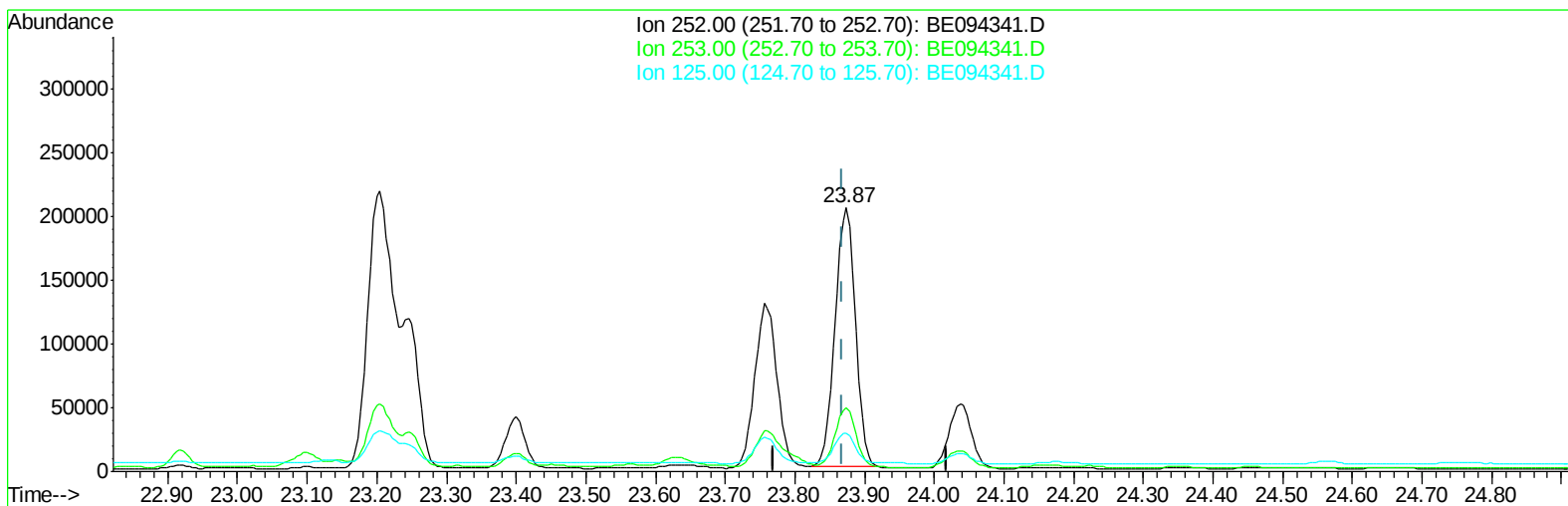
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

(23) Benzo(a)pyrene (C)

23.874min (+0.004) 14.41ng/ul m

response 412116

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.20#
125.00	22.60	14.69#
0.00	0.00	0.00

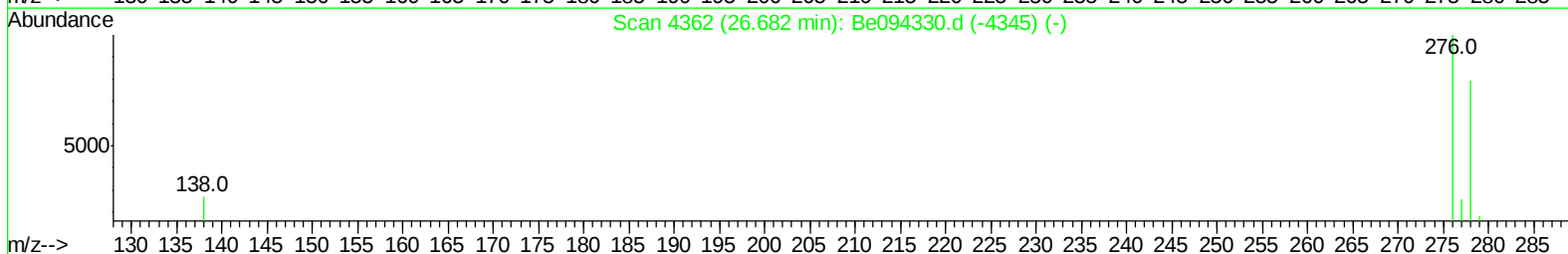
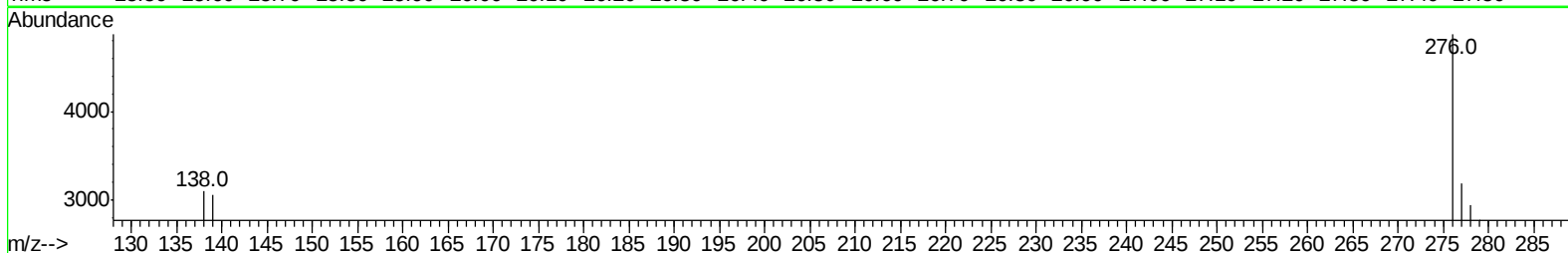
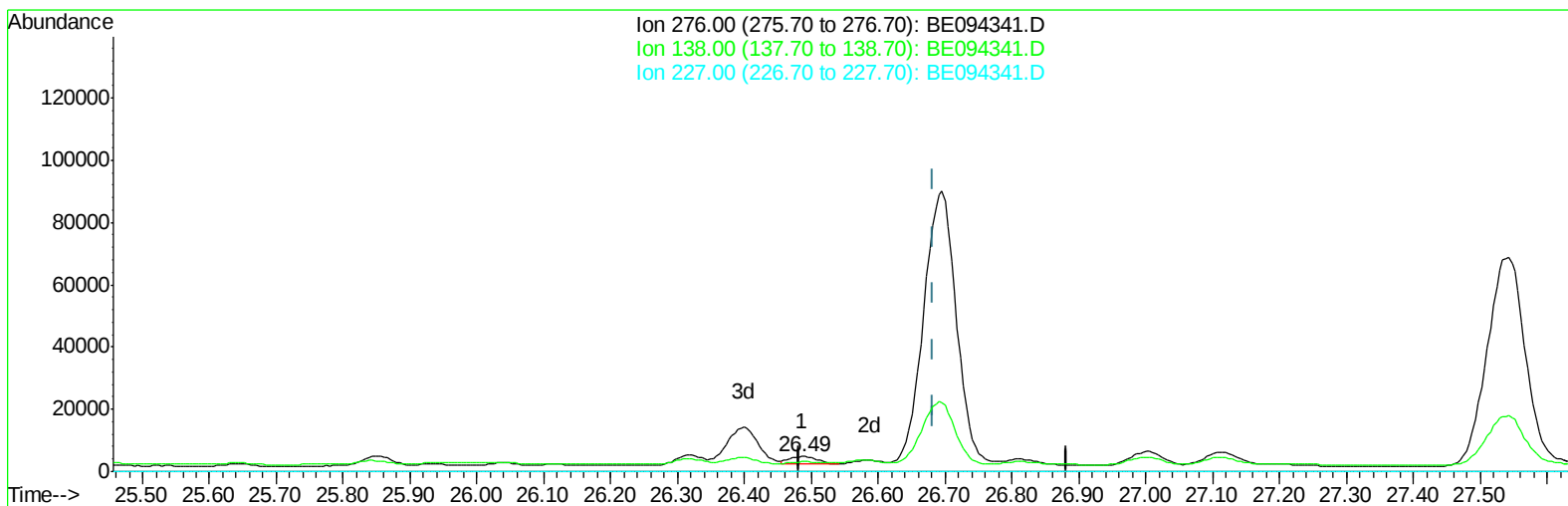
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

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

26.486min (-0.196) 0.23ng/ul

response 6716

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	24.73#
227.00	10.00	0.00#
0.00	0.00	0.00

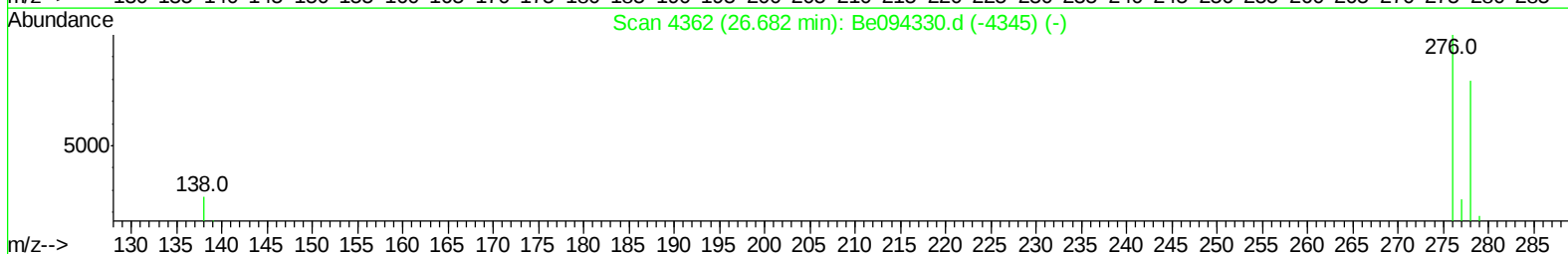
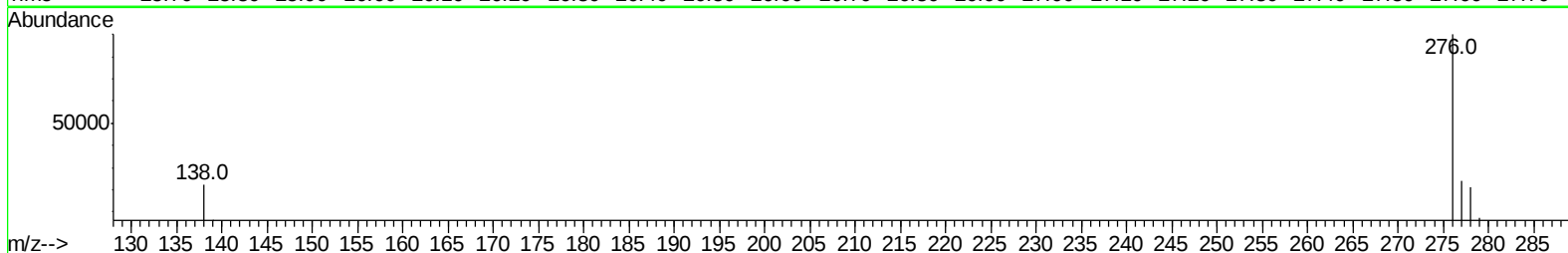
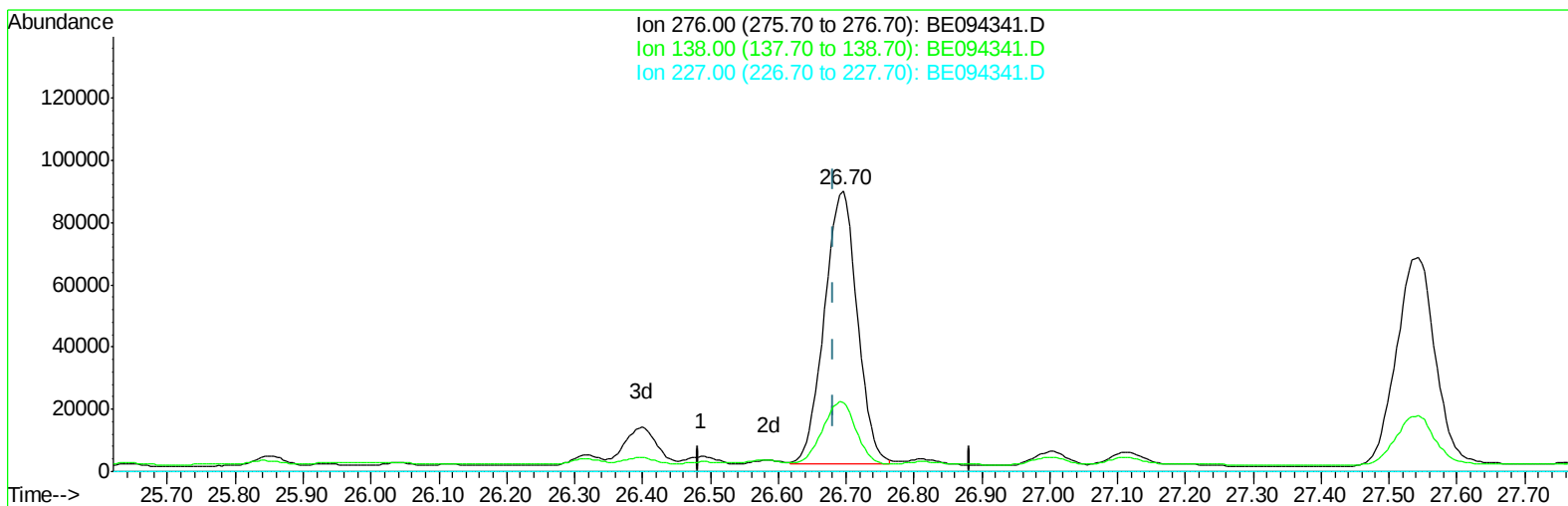
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

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

26.696min (+0.013) 10.10ng/ul m

response 295647

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.56#
227.00	10.00	0.00#
0.00	0.00	0.00

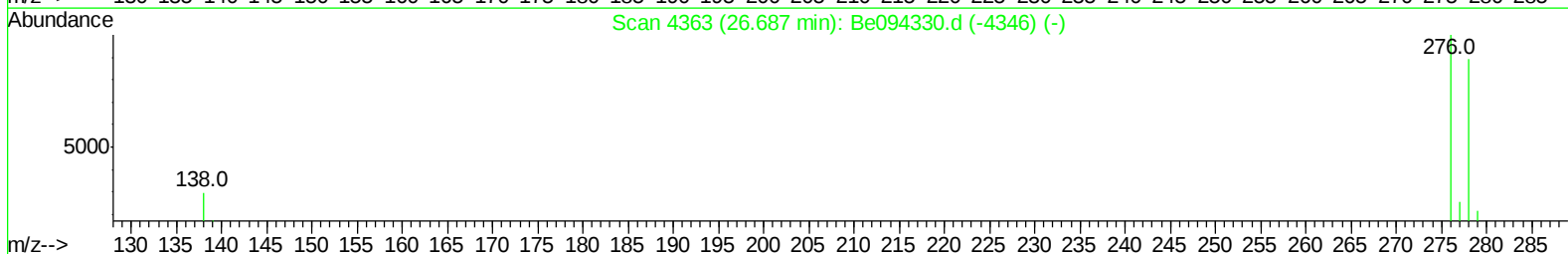
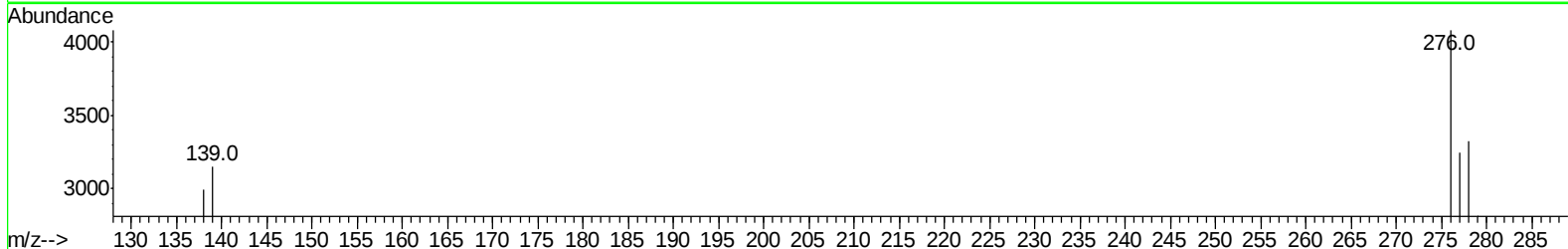
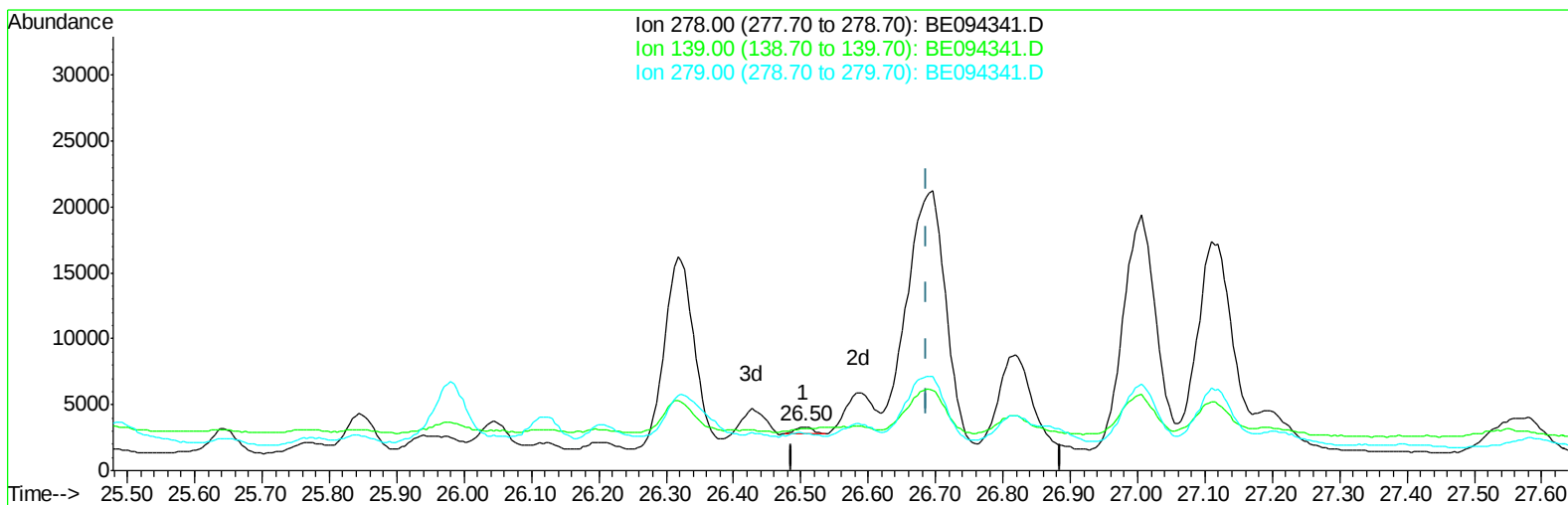
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

(25) Dibenzo(a,h)anthracene

26.504min (-0.182) 0.04ng/ul

response 1074

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	94.79#
279.00	32.40	84.53#
0.00	0.00	0.00

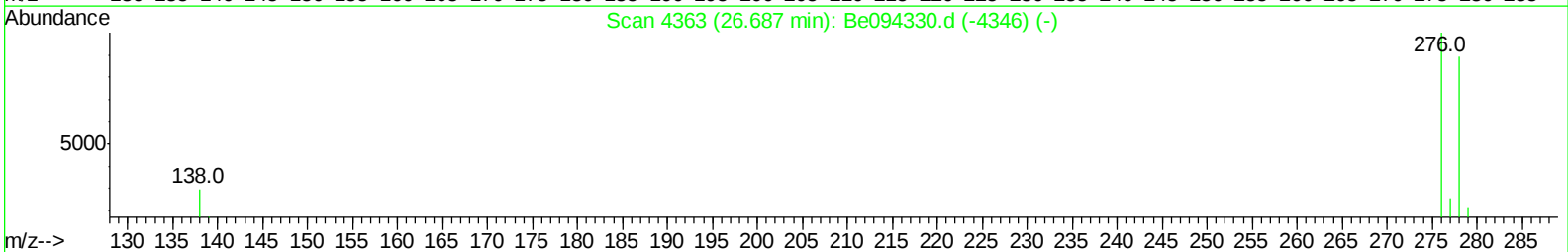
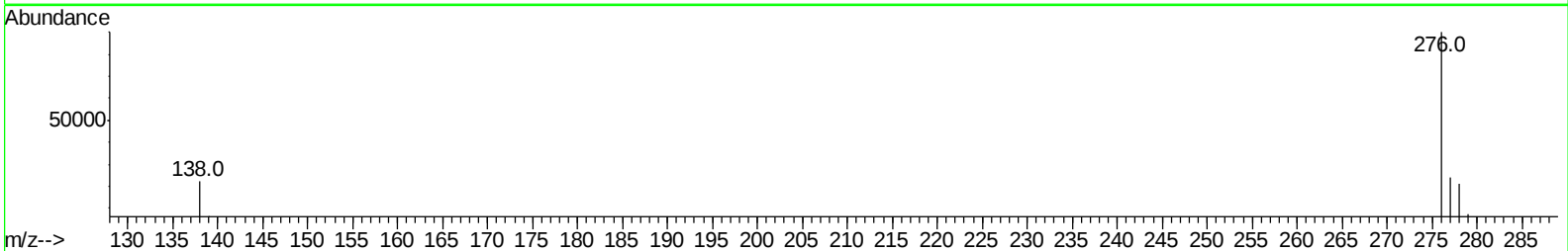
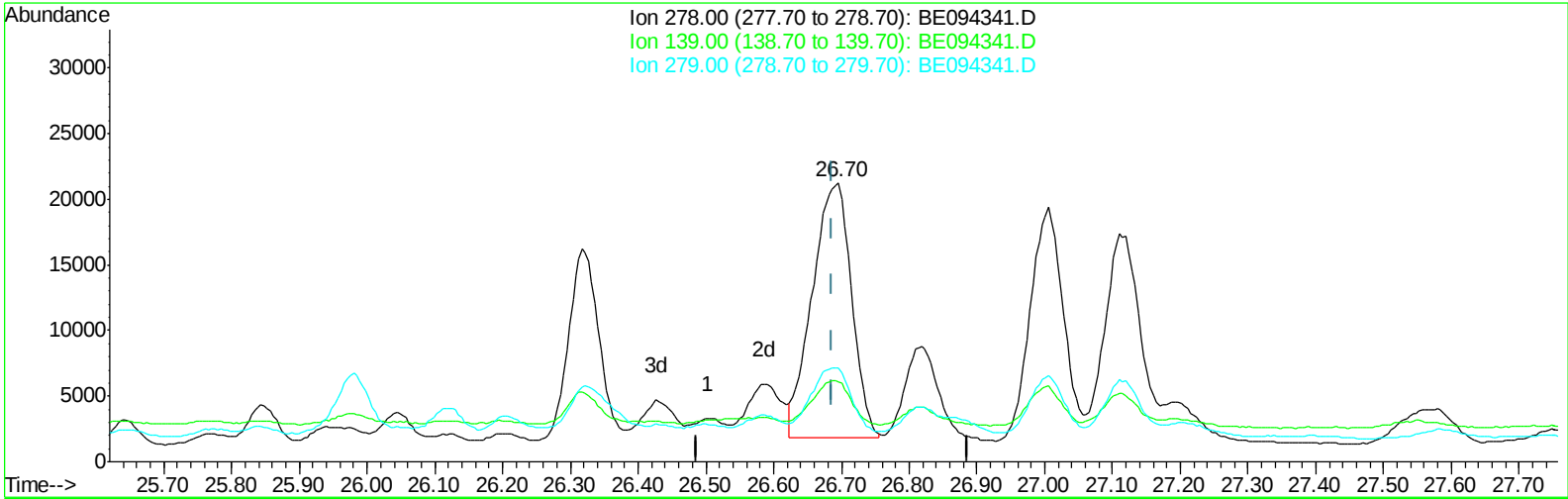
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094341.D
 Acd On : 14 Oct 2017 2:07
 Operator : SJ/JU
 Sample : I5649-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-59(5-7)-100317

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
 Response via : Initial Calibration



TIC: BE094341.D

(25) Dibenzo(a,h)anthracene

26.696min (+0.009) 3.19ng/ul m

response 78225

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	28.75#
279.00	32.40	33.51
0.00	0.00	0.00

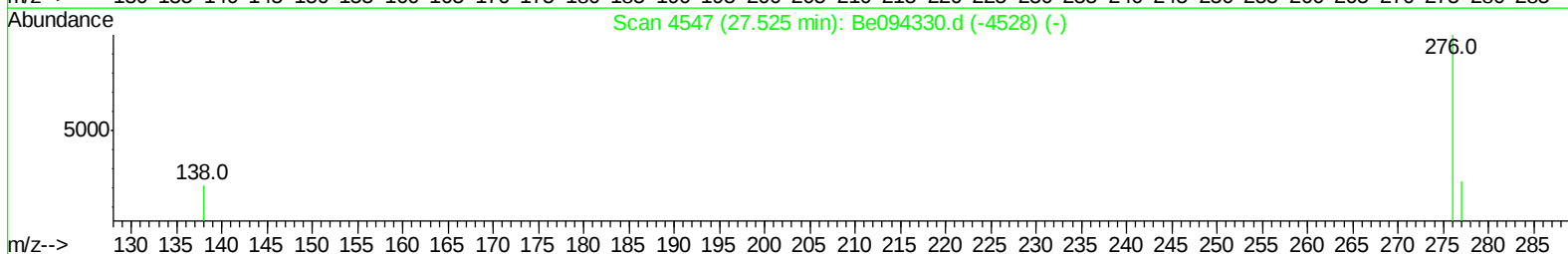
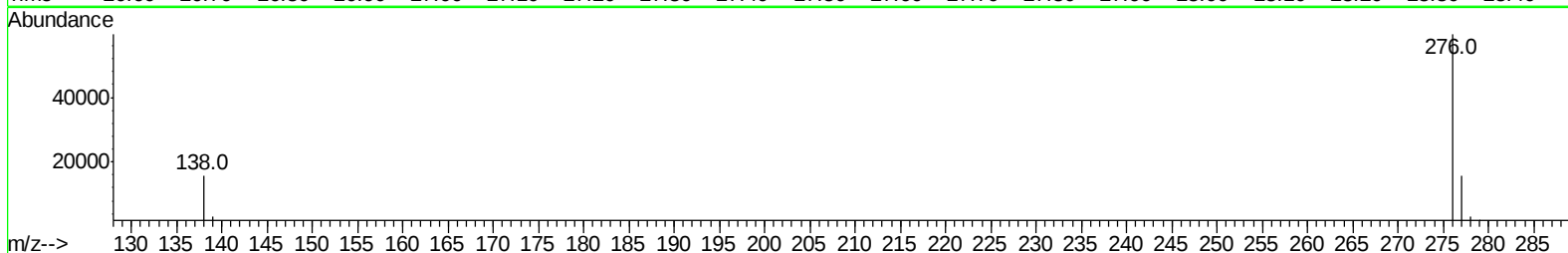
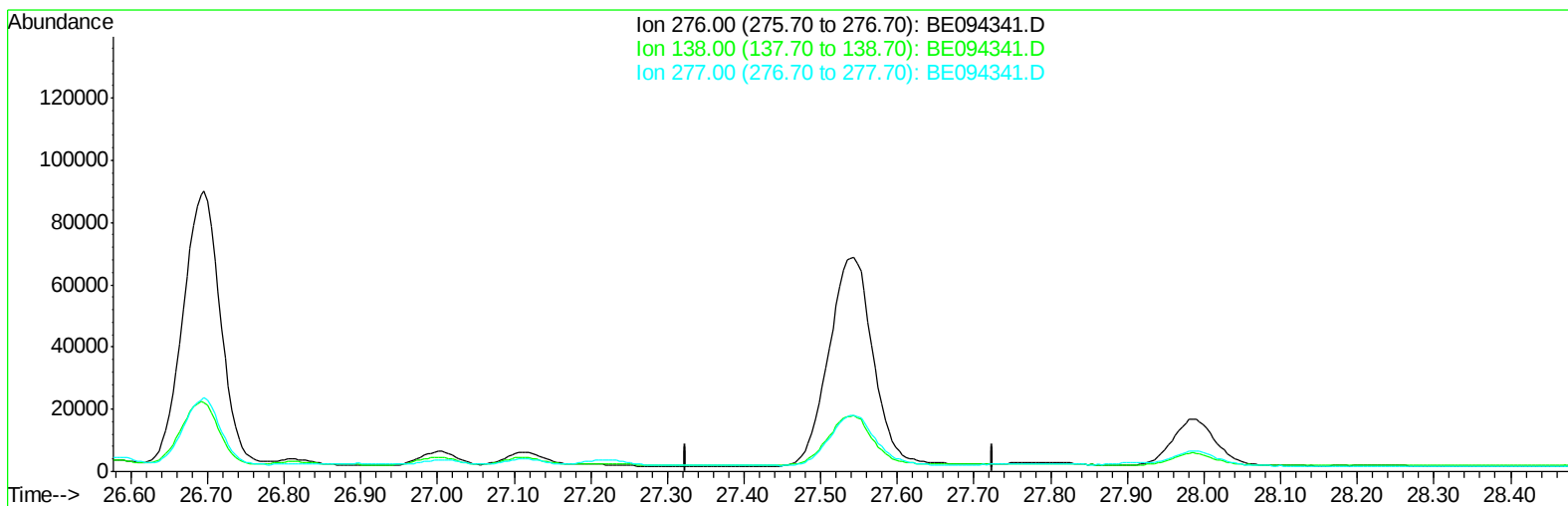
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

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

27.525min (-27.525) 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

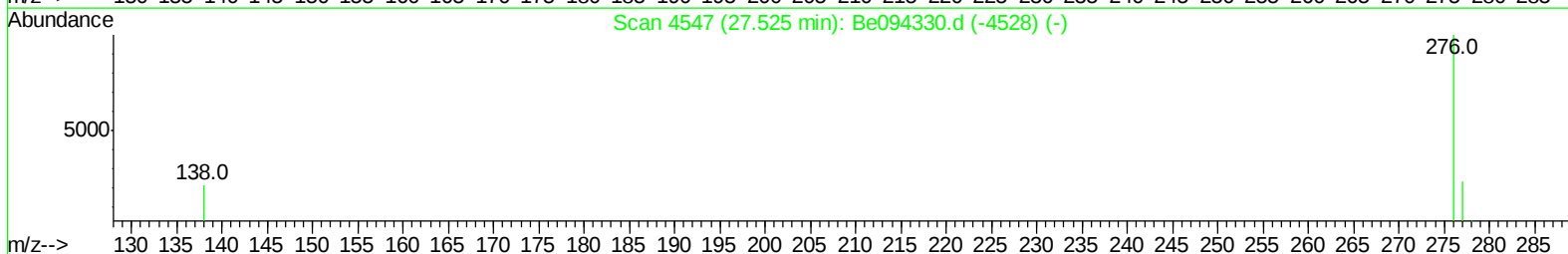
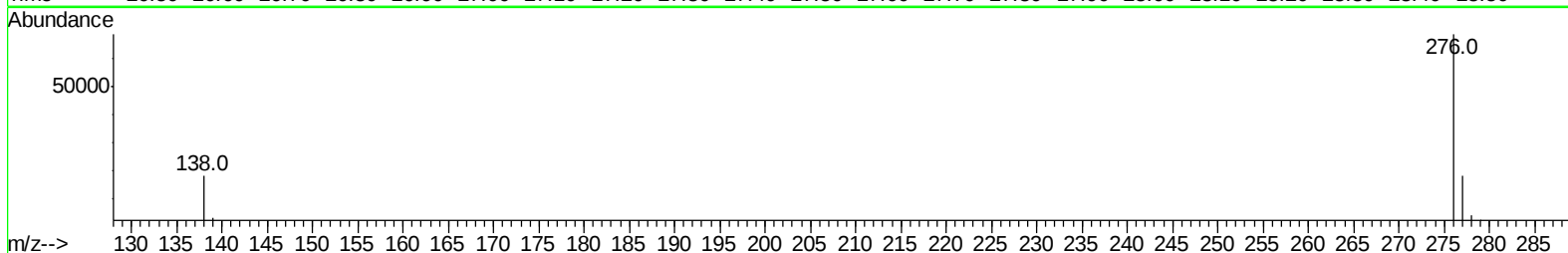
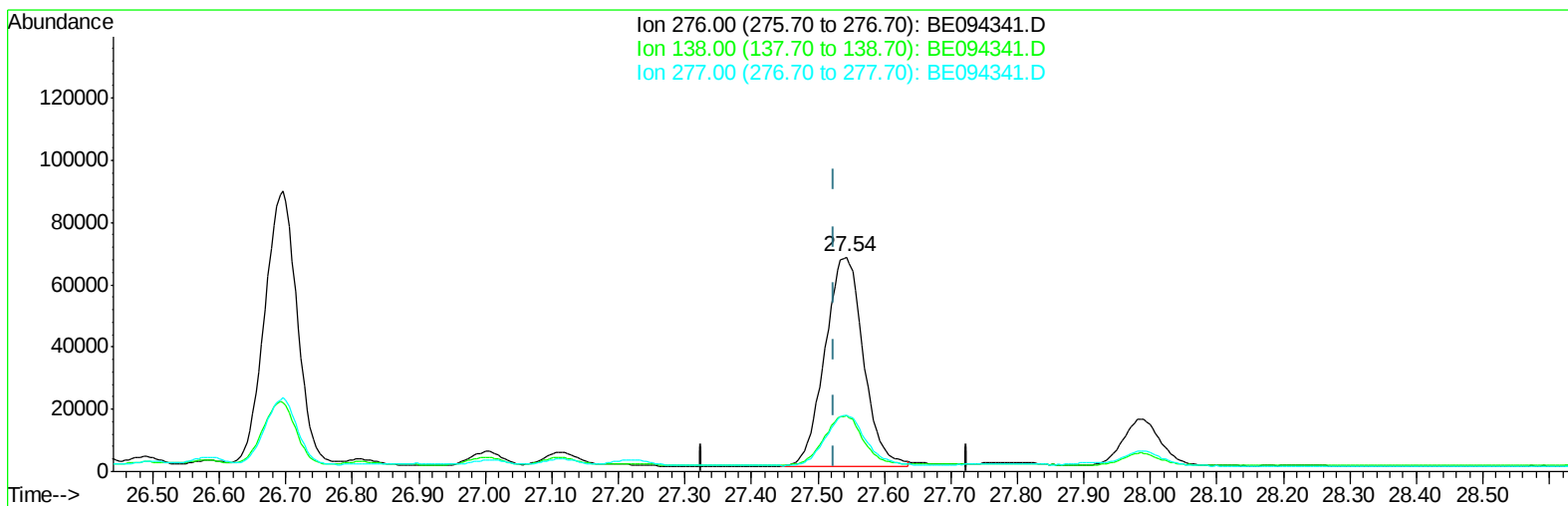
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:03:02 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094341.D

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

27.543min (+0.018) 10.71ng/ul m

response 270248

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.90
277.00	25.60	26.10
0.00	0.00	0.00

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094341.D
 Acq On : 14 Oct 2017 2:07
 Operator : SJ/JU
 Sample : I5649-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-59(5-7)-100317

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:05:30 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 03:57:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1754	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9160	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5236	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10503	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	10280	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	10132m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3542	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	7860	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	21894	0.976	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	5075	0.349	ng/ul	98
7) Acenaphthylene	14.26	152	15024	0.736	ng/ul	98
8) Acenaphthene	14.60	153	11325	0.674	ng/ul	98
9) Fluorene	15.58	166	18272	0.928	ng/ul	94
12) Phenanthrene	17.31	178	460332	16.772	ng/ul#	91
13) Anthracene	17.39	178	126424	4.736	ng/ul#	90
15) Fluoranthene	19.33	202	811478	22.501	ng/ul	84
17) Pyrene	19.69	202	751686	26.280	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	441576	16.192	ng/ul#	87
19) Chrysene	21.48	228	424865	13.490	ng/ul	98
21) Benzo(b)fluoranthene	23.20	252	539711	19.609	ng/ul	88
22) Benzo(k)fluoranthene	23.25	252	197704m	6.214	ng/ul	
23) Benzo(a)pyrene	23.87	252	412116m	14.409	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.70	276	295647m	10.105	ng/ul	
25) Dibenzo(a,h)anthracene	26.70	278	78225m	3.188	ng/ul	
26) Benzo(a,h,i)perylene	27.54	276	270248m	10.709	ng/ul	

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094341.D
Acq On : 14 Oct 2017 2:07
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:10 PM

Quant Time: Oct 14 05:05:30 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 03:57:24 2017
Response via : Initial Calibration

