

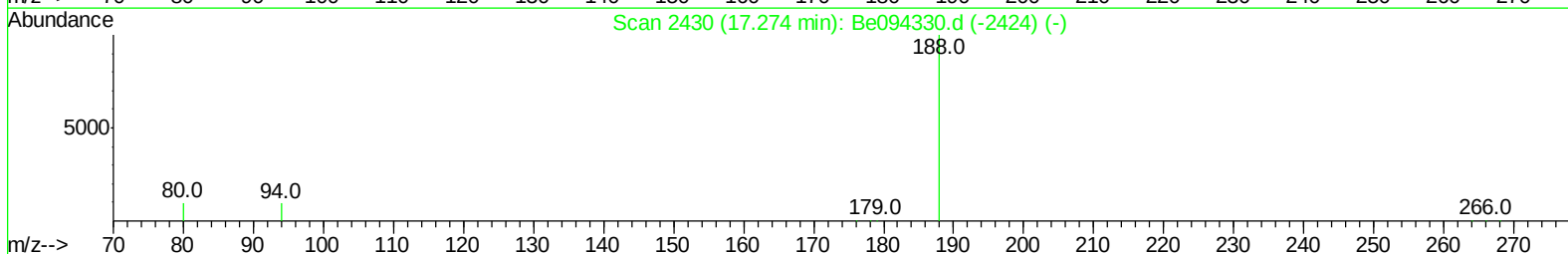
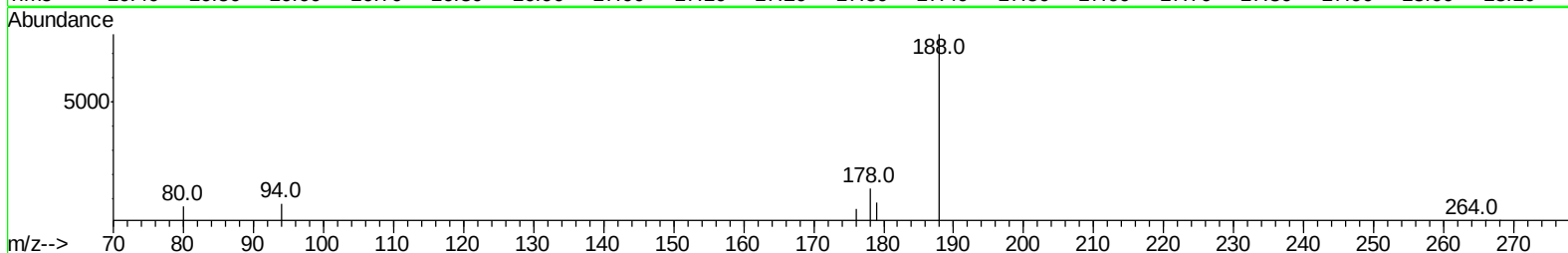
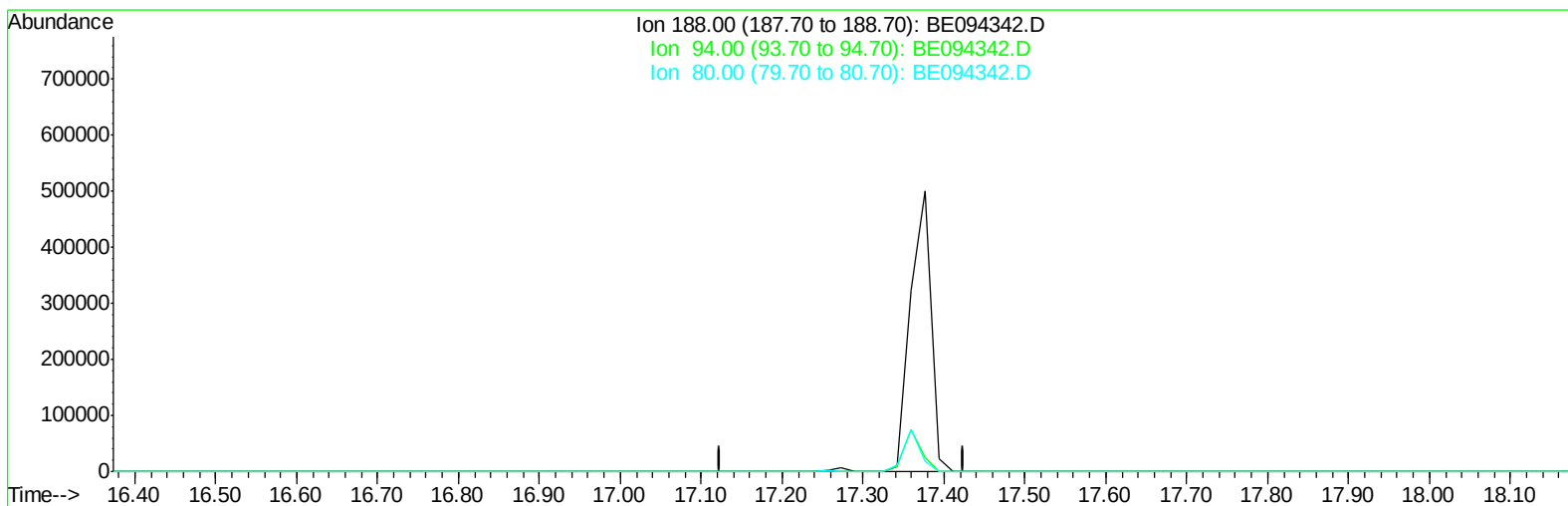
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 04:03:37 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: BE094342.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

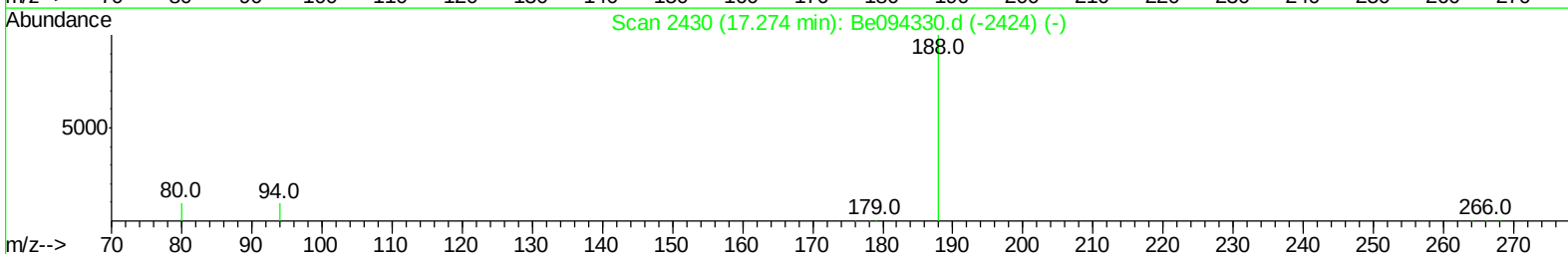
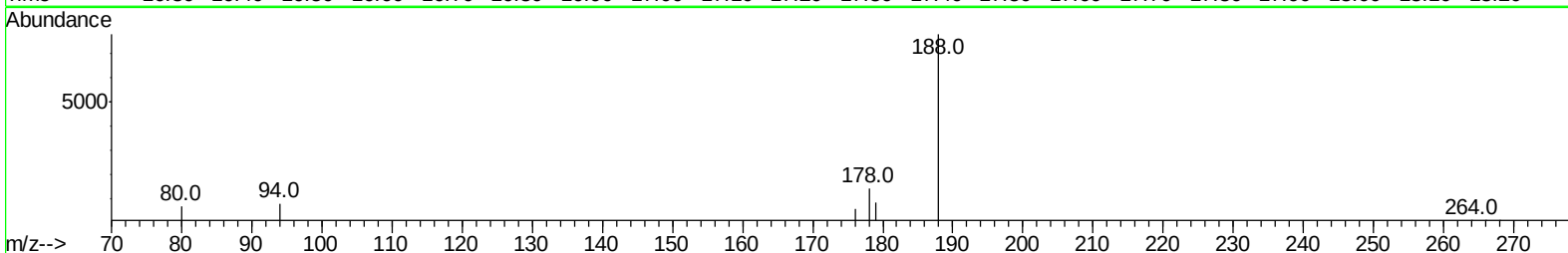
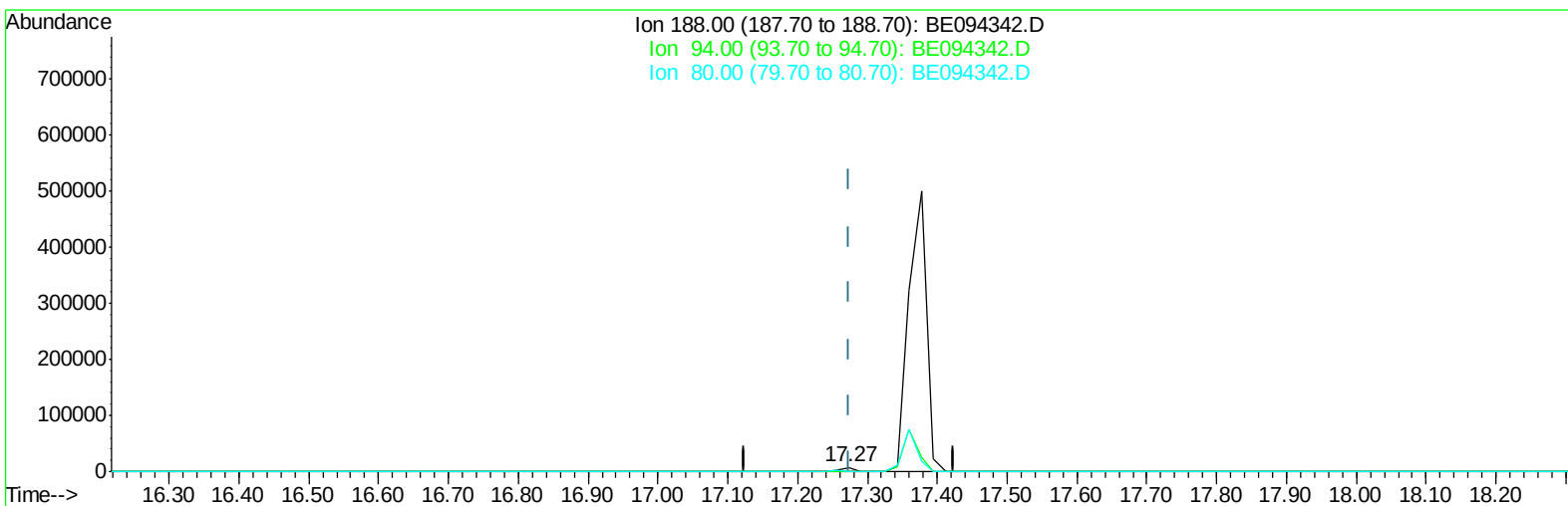
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Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 04:03:37 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: BE094342.D

(10) Phenanthrene-d10 (I)

17.273min (-0.001) 0.40ng/ul m

response 12871

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.28
80.00	11.80	9.09#
0.00	0.00	0.00

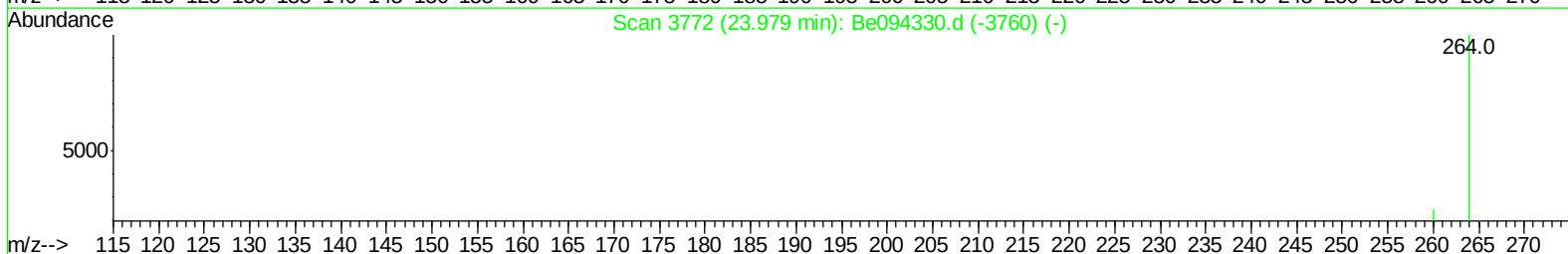
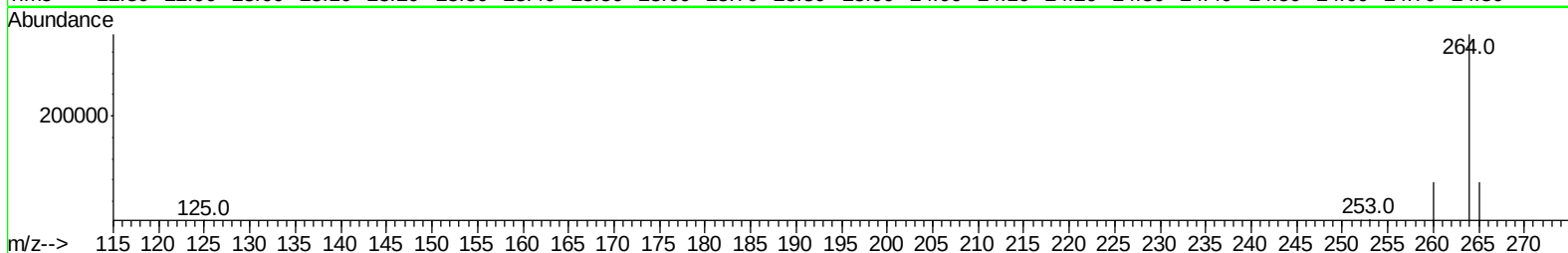
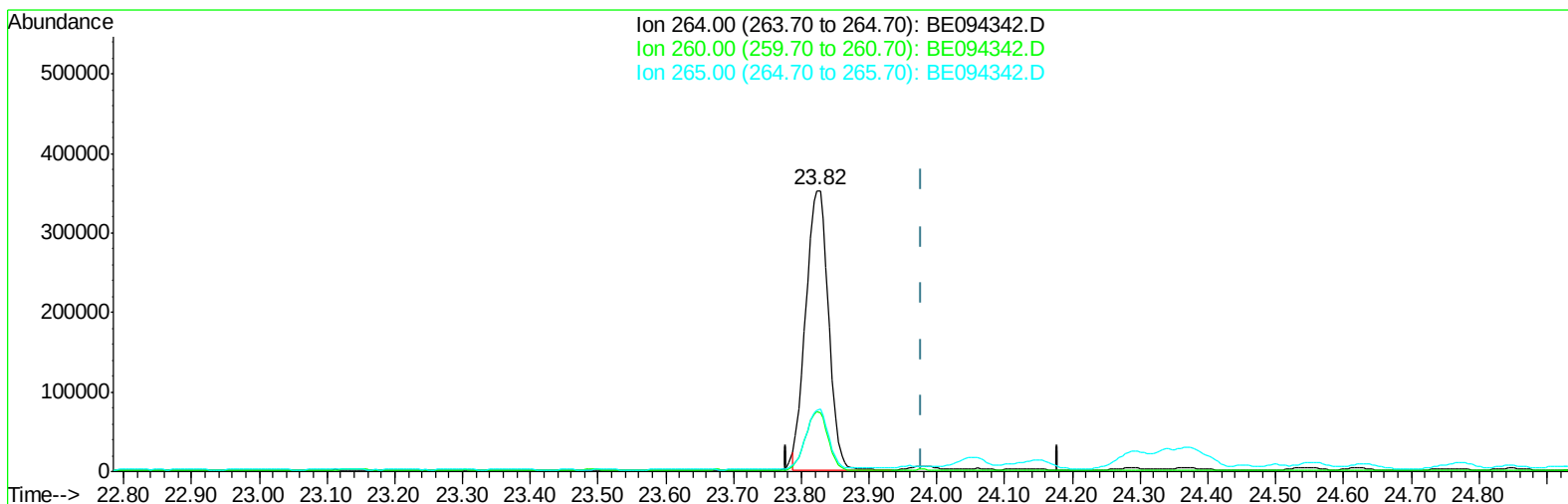
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Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:07:13 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: BE094342.D

(20) Perylene-d12 (I)

23.823min (-0.156) 0.40ng/ul

response 814235

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.45#
265.00	103.50	21.97#
0.00	0.00	0.00

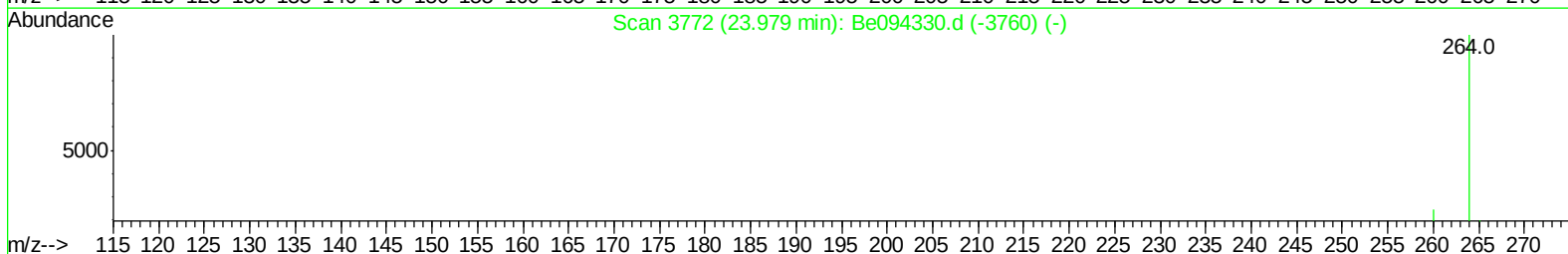
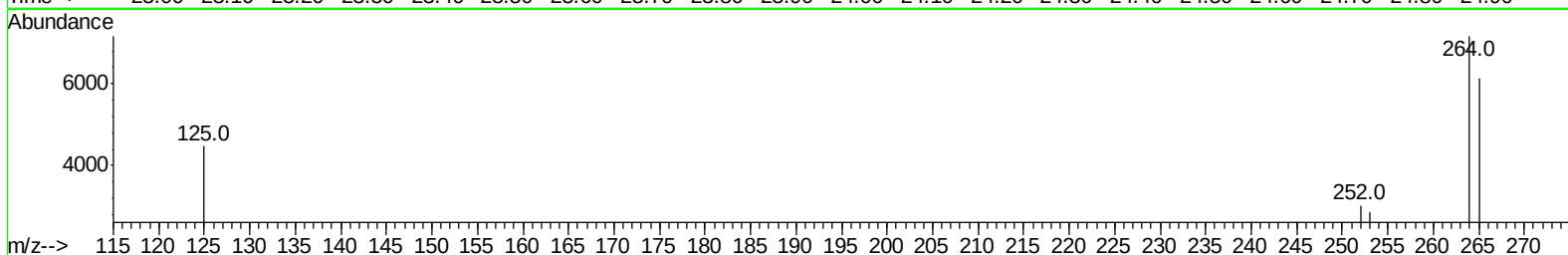
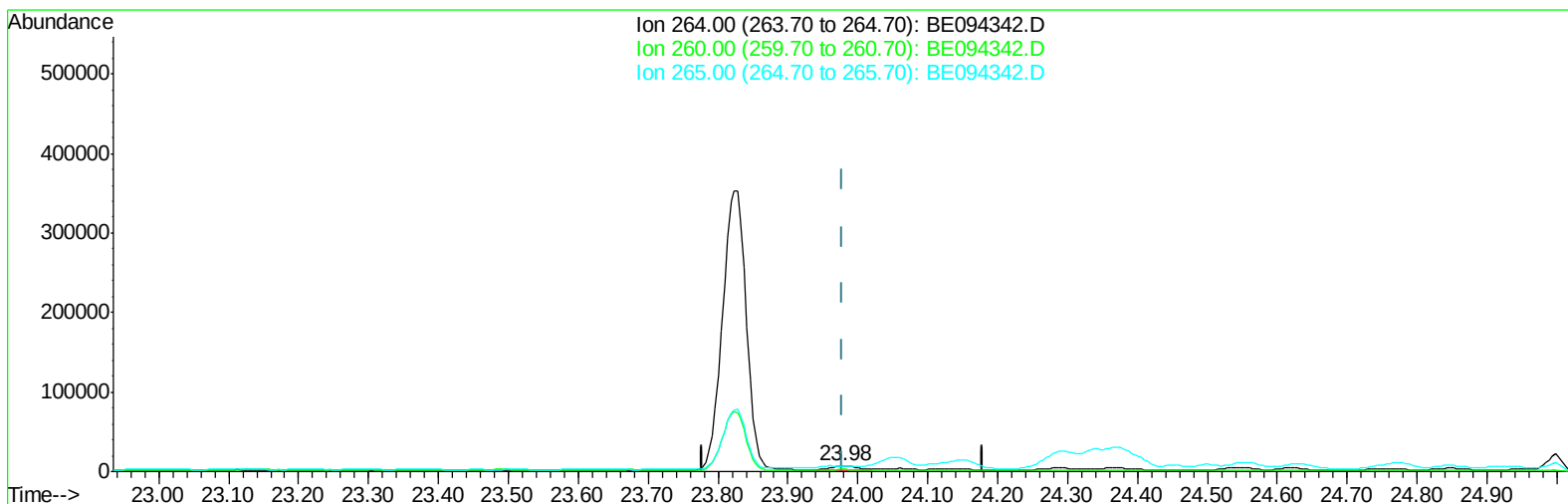
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:07:13 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: BE094342.D

(20) Perylene-d12 (I)

23.978min (-0.001) 0.40ng/ul m

response 13469

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	36.48#
265.00	103.50	85.87
0.00	0.00	0.00

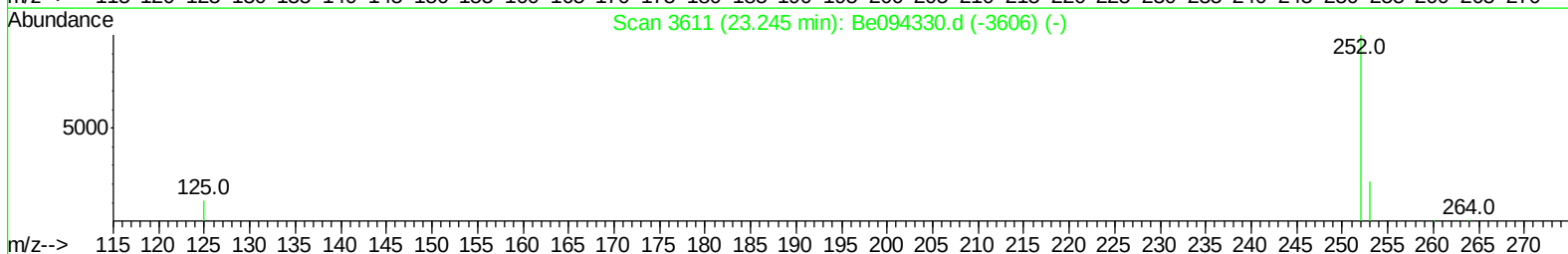
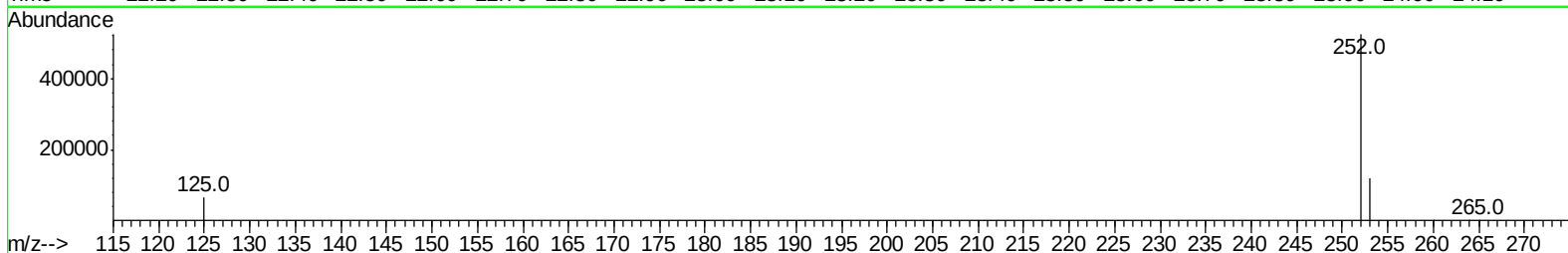
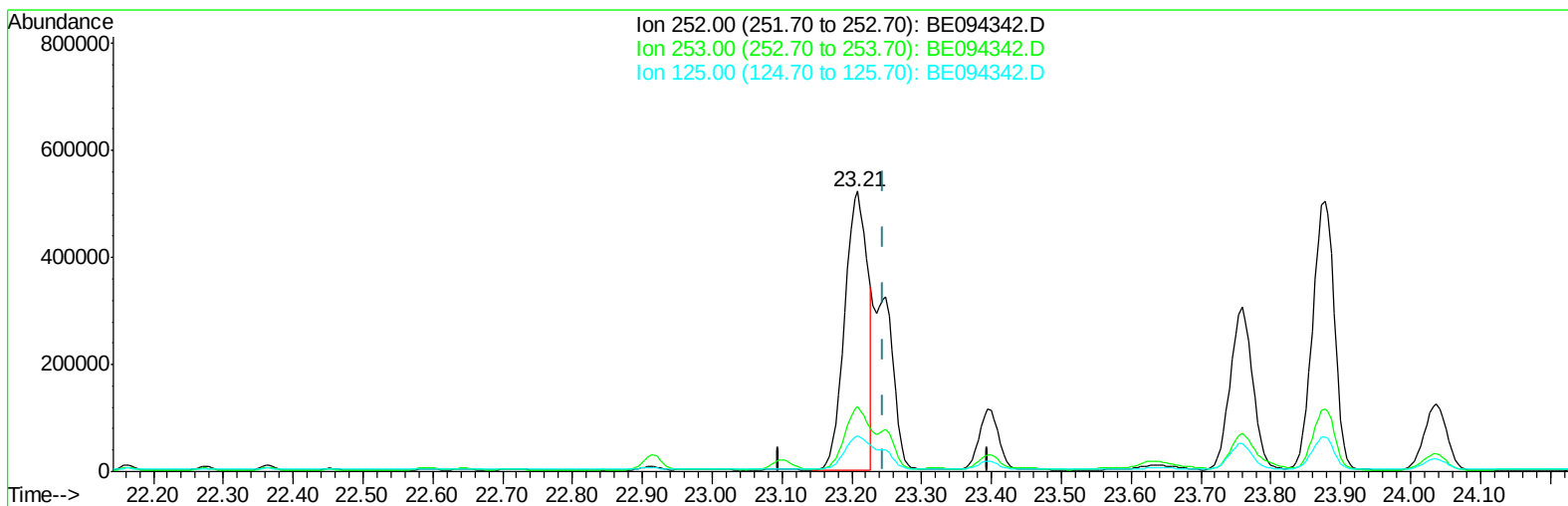
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.D

(22) Benzo(k)fluoranthene

23.208min (-0.037) 28.08ng/ul

response 1187578

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.03#
125.00	17.10	12.62#
0.00	0.00	0.00

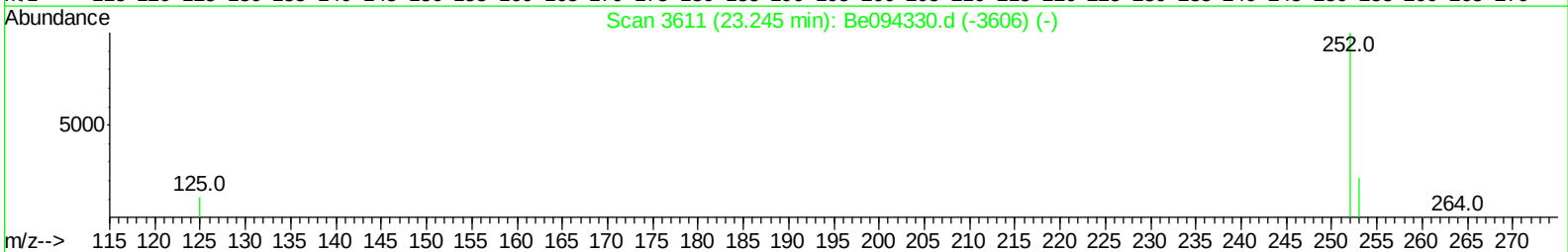
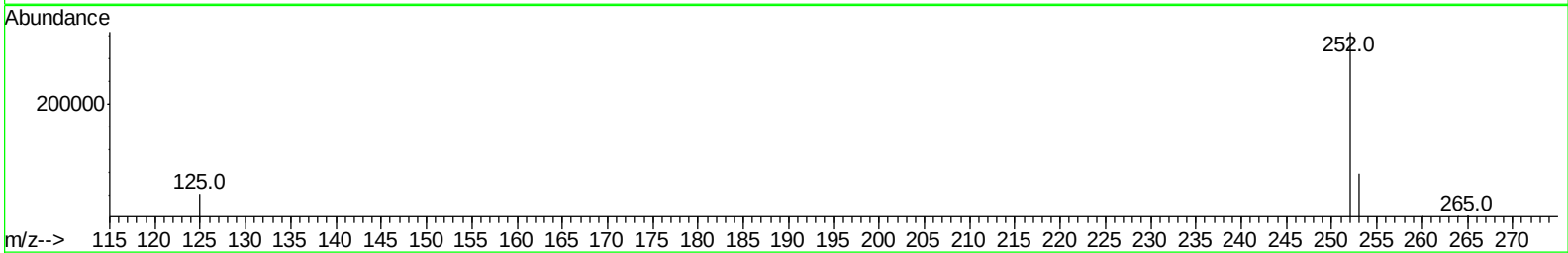
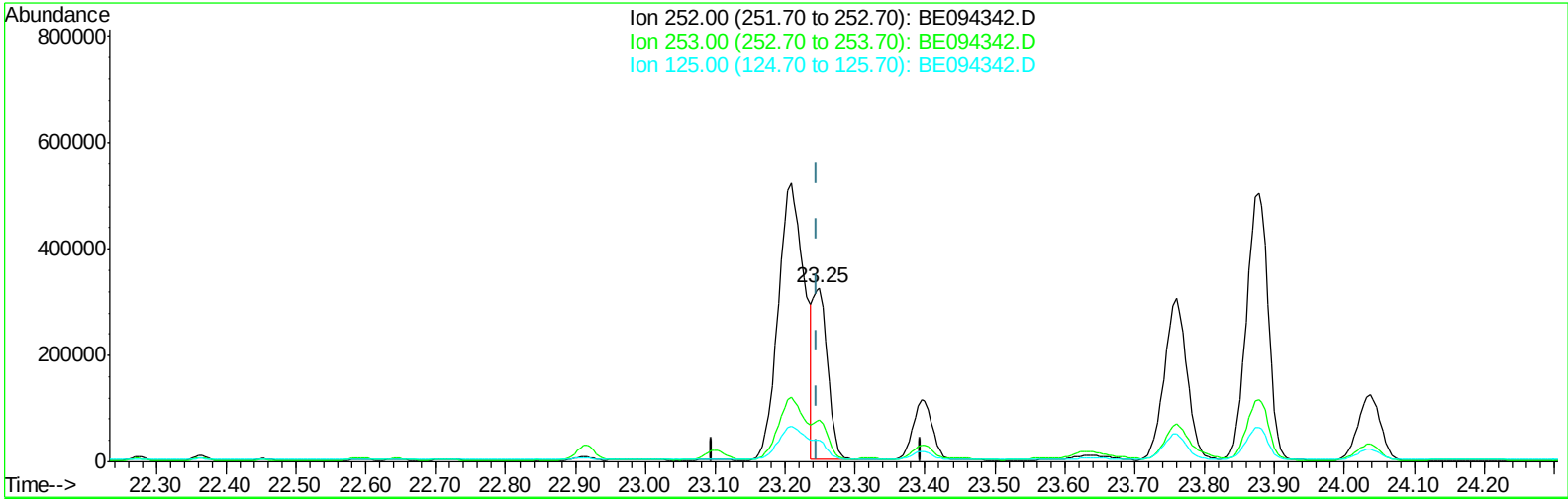
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.D

(22) Benzo(k)fluoranthene

23.249min (+0.004) 11.35ng/ul m

response 479899

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.89#
125.00	17.10	12.32#
0.00	0.00	0.00

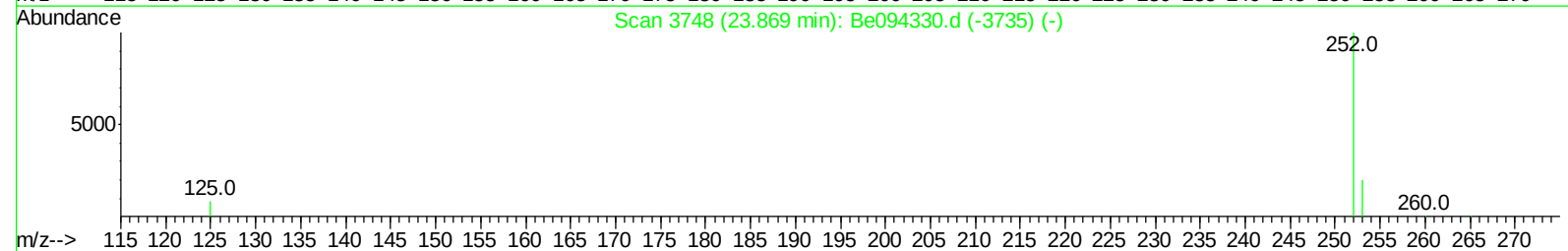
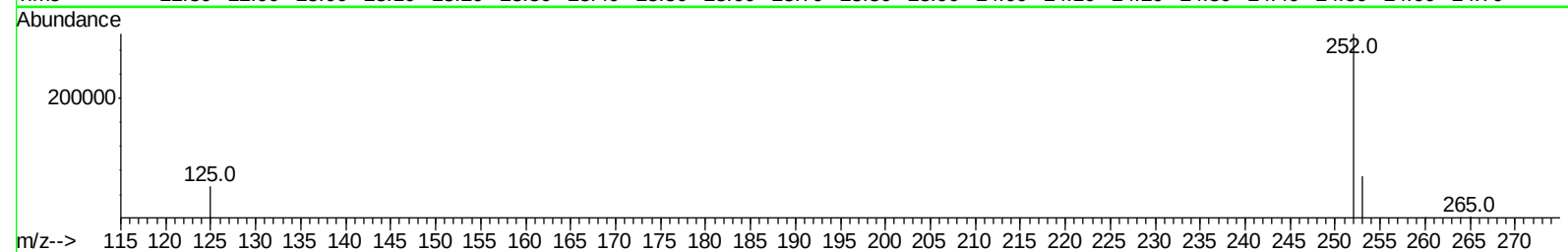
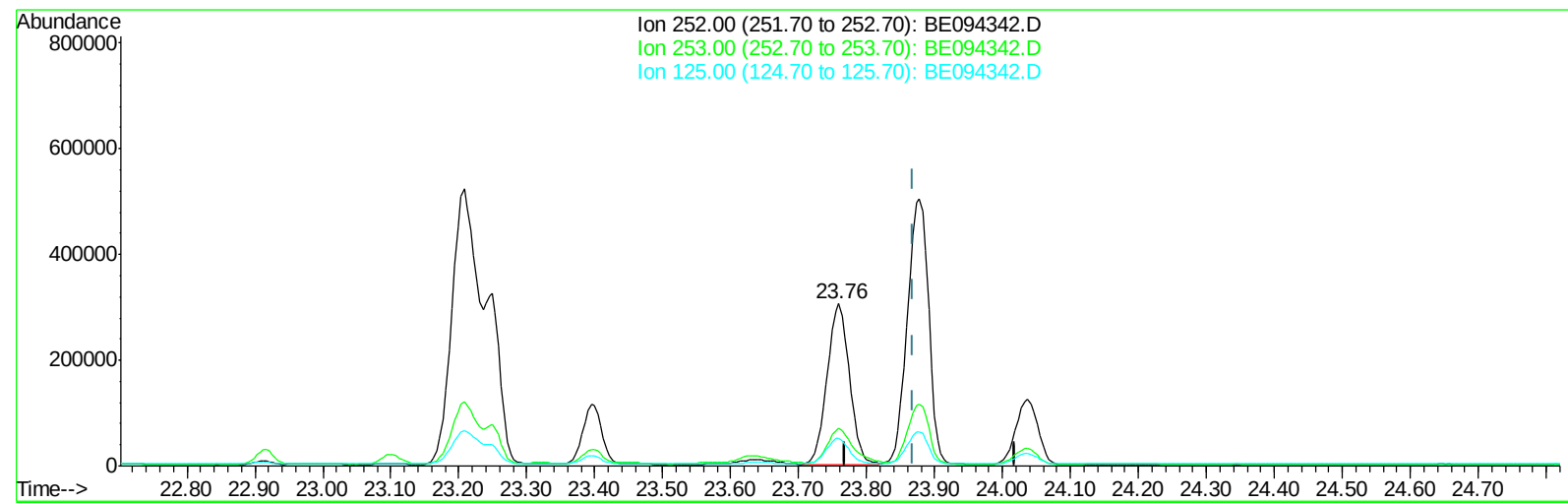
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.D

(23) Benzo(a)pyrene (C)

23.759min (-0.110) 18.00ng/ul

response 684400

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.05#
125.00	22.60	17.20#
0.00	0.00	0.00

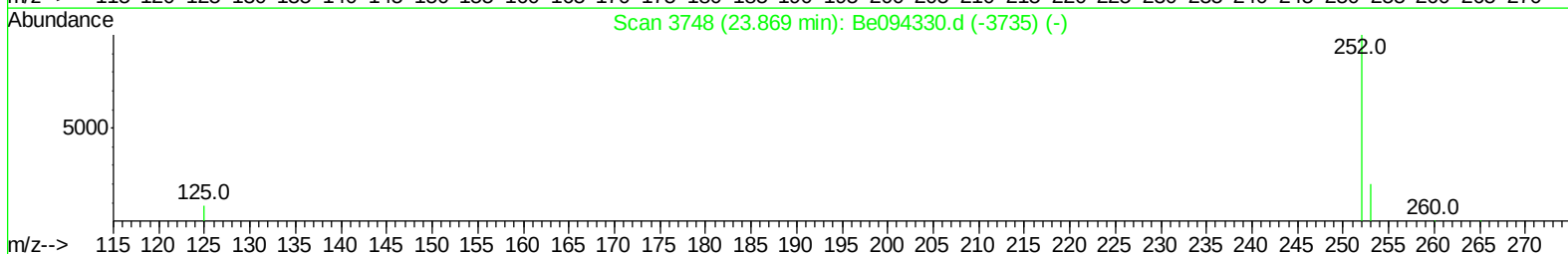
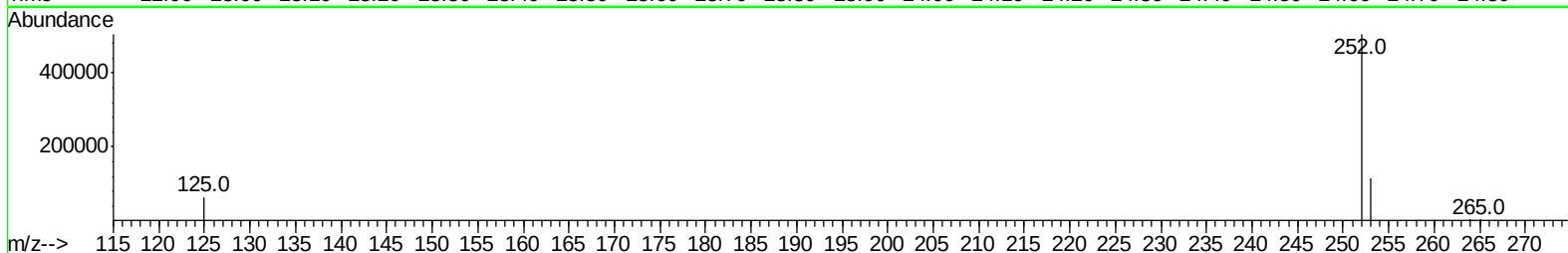
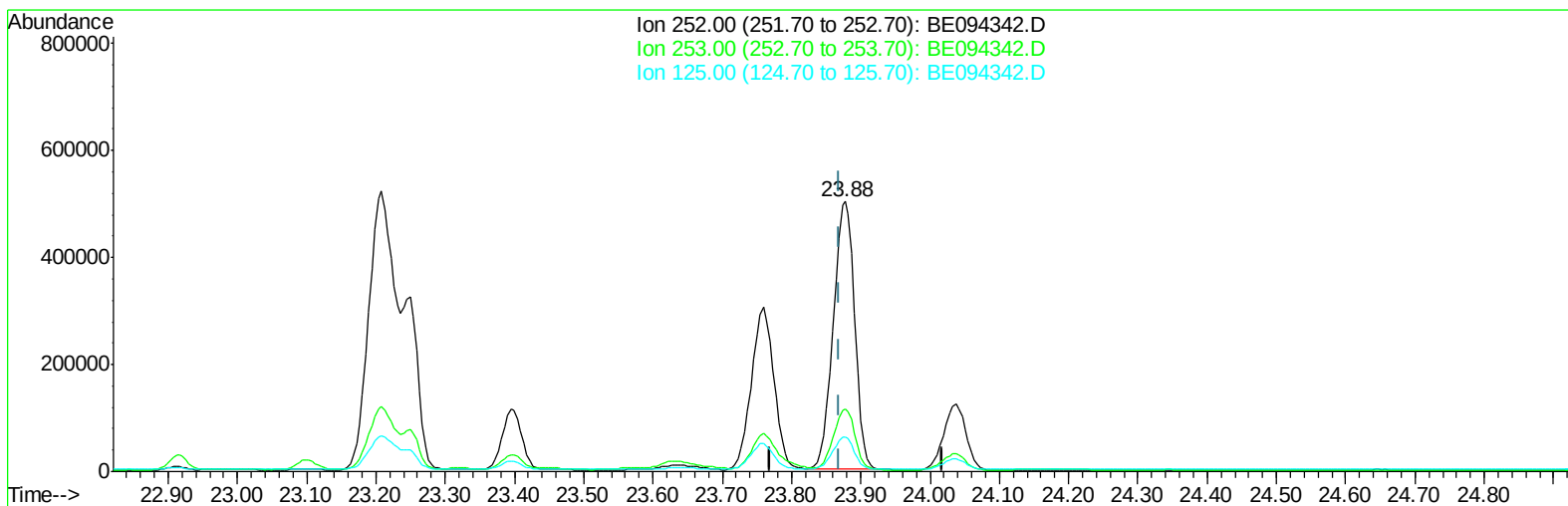
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.D

(23) Benzo(a)pyrene (C)

23.878min (+0.008) 28.32ng/ul m

response 1076891

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.10#
125.00	22.60	12.84#
0.00	0.00	0.00

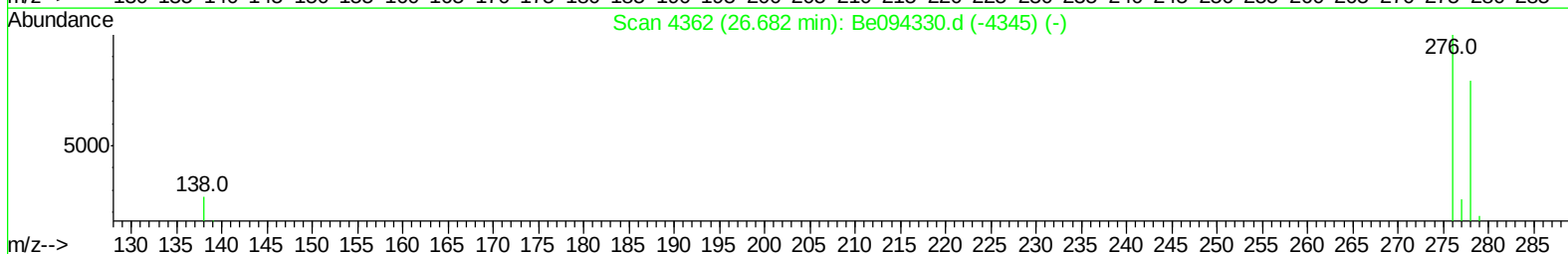
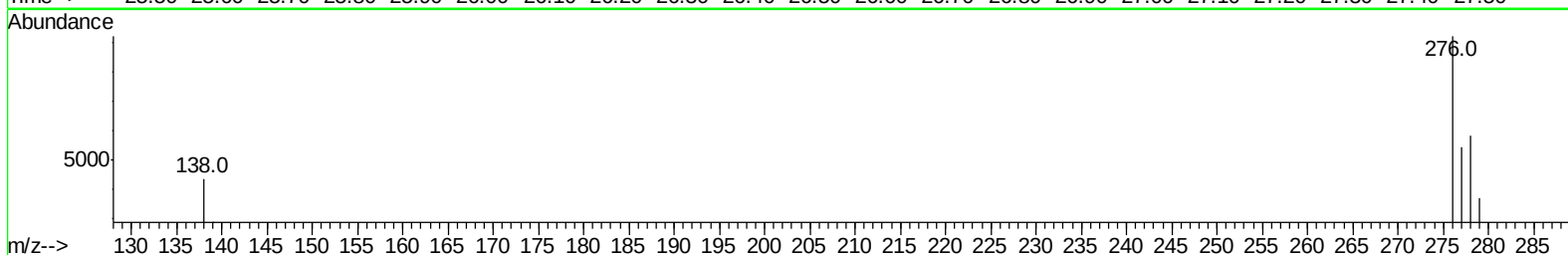
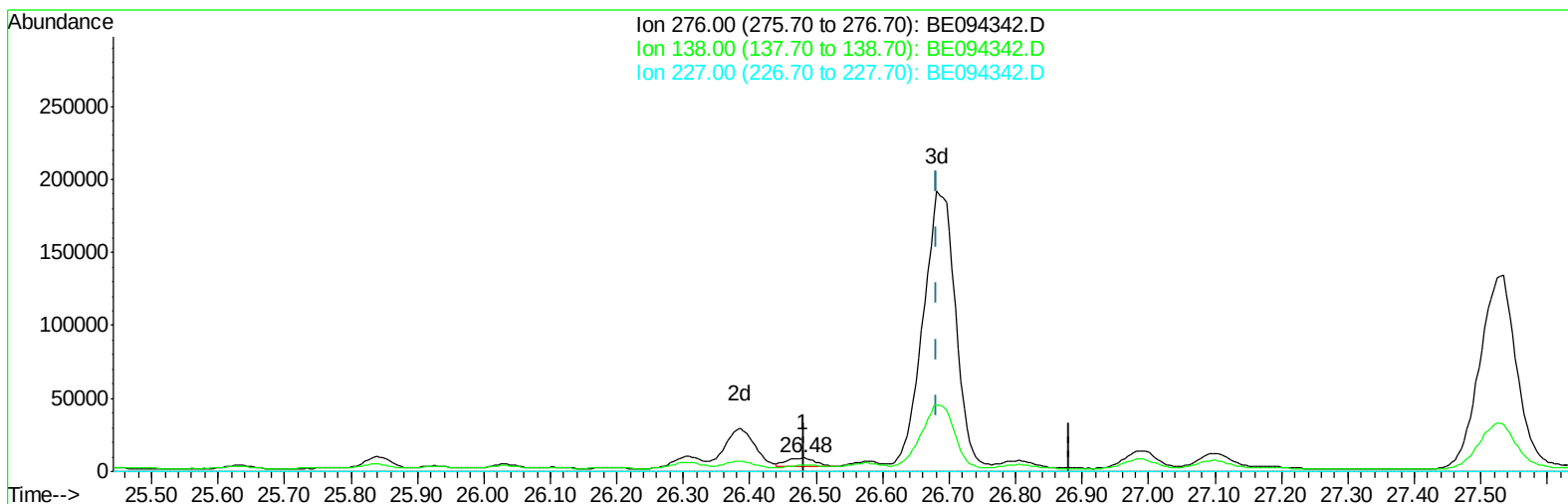
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.D

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

26.481min (-0.201) 0.43ng/ul

response 16659

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	31.17
227.00	10.00	0.00#
0.00	0.00	0.00

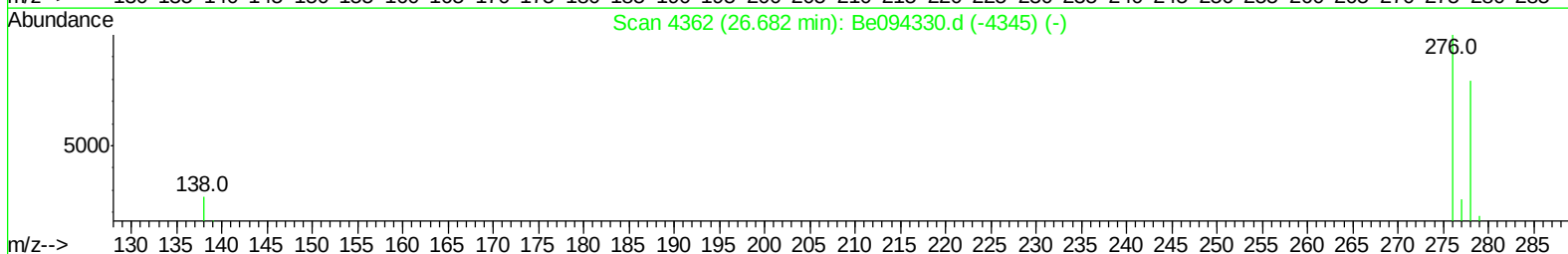
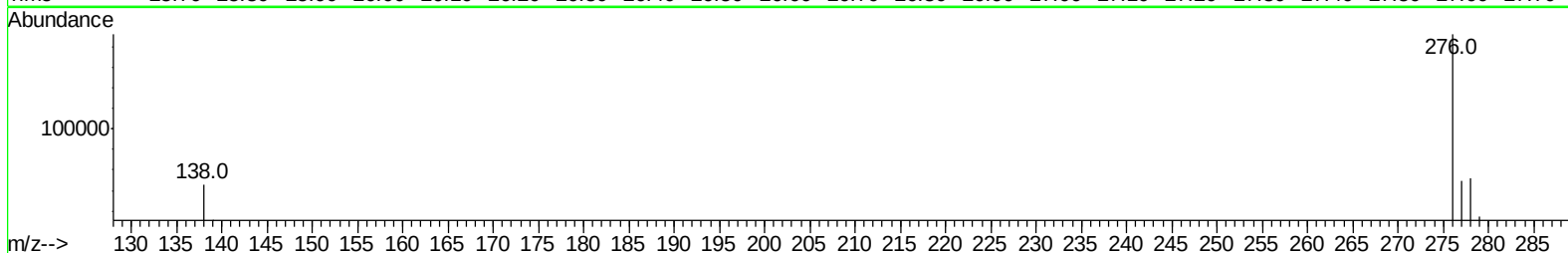
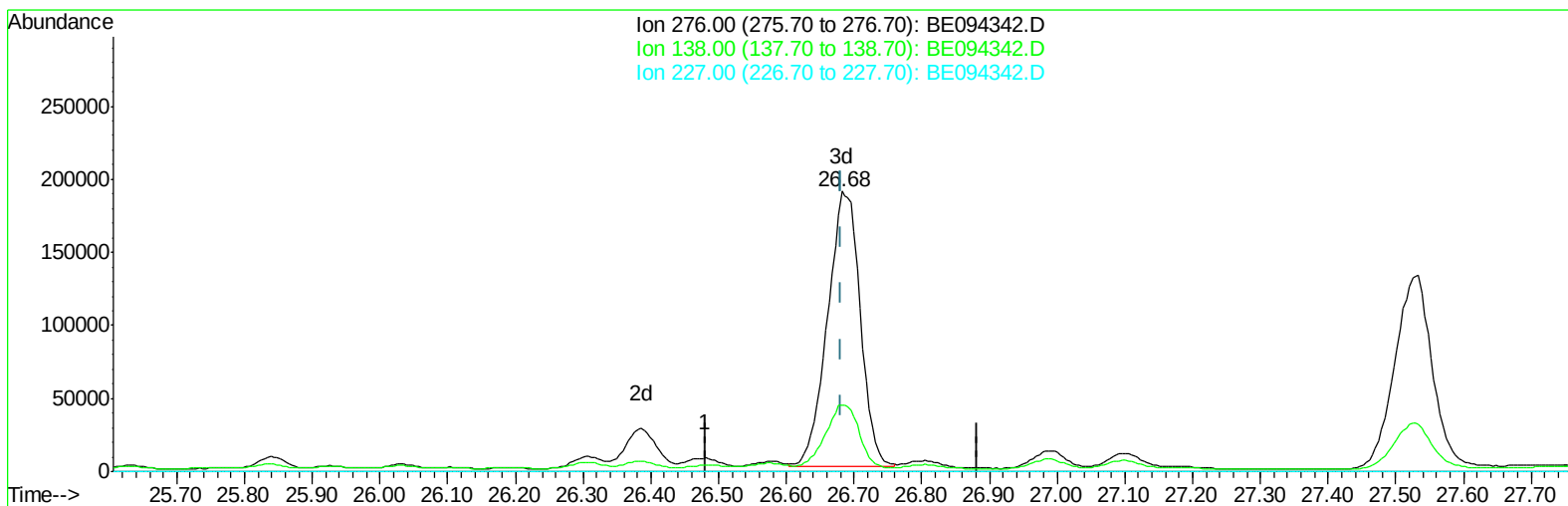
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.D

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

26.682min (-0.001) 16.19ng/ul m

response 629874

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.82#
227.00	10.00	0.00#
0.00	0.00	0.00

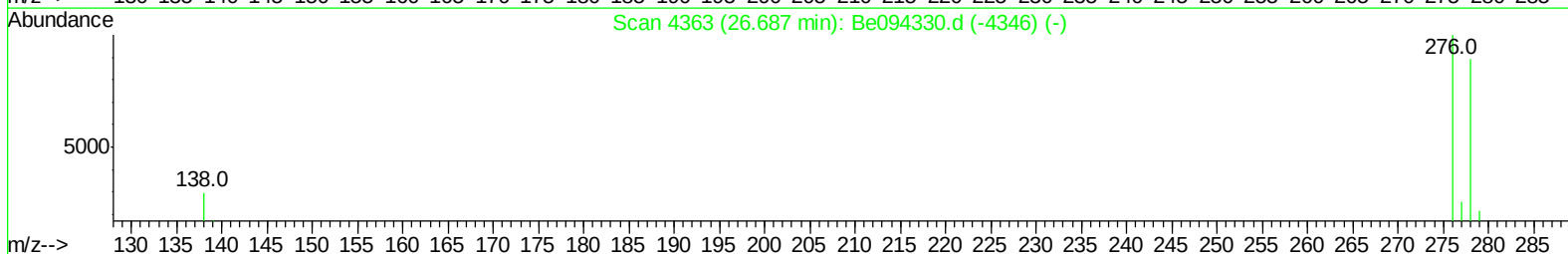
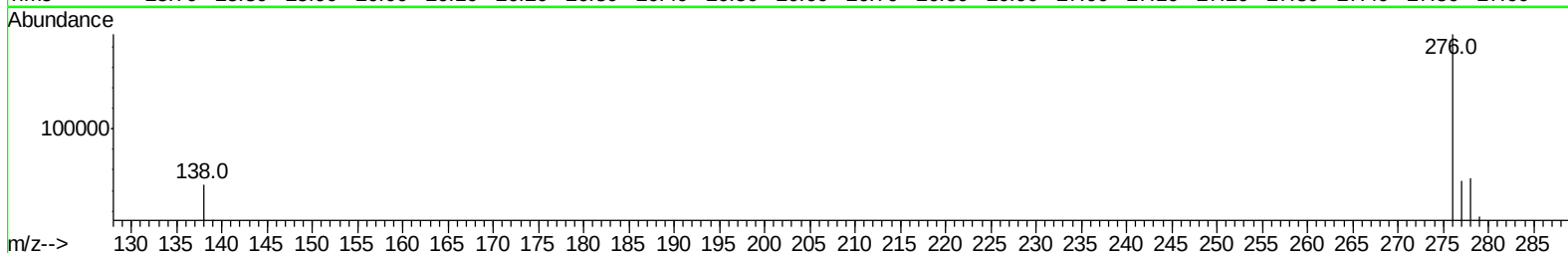
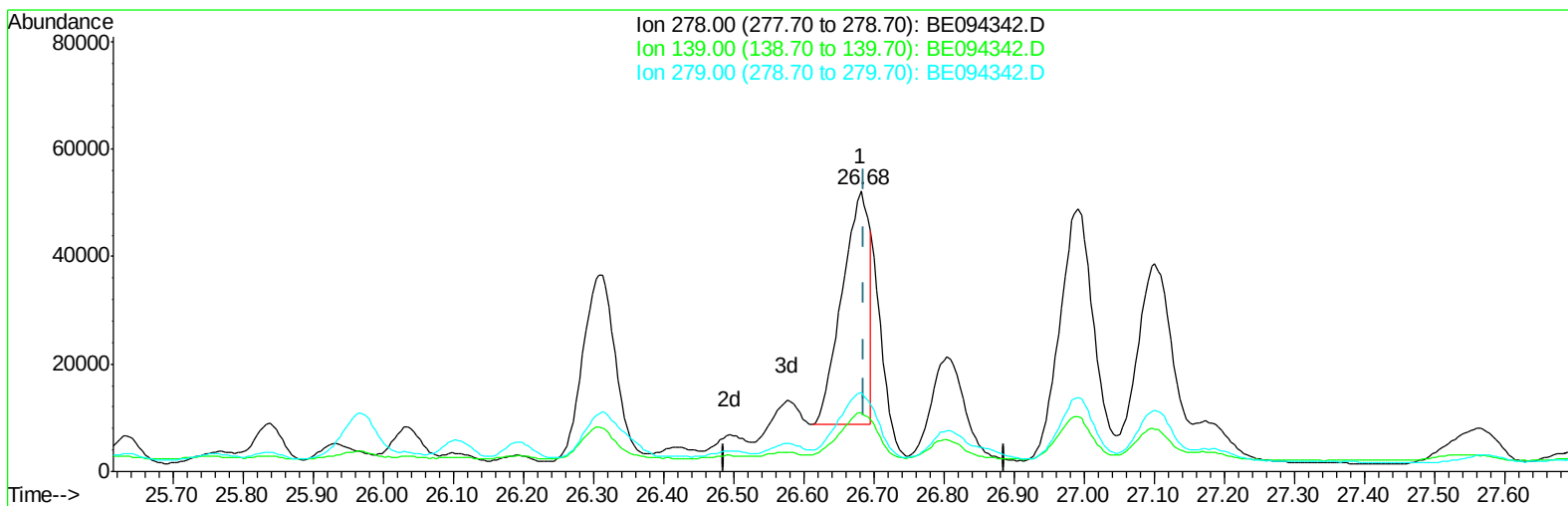
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Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.D

(25) Dibenzo(a,h)anthracene

26.682min (-0.005) 3.60ng/ul

response 117371

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.99
279.00	32.40	28.38
0.00	0.00	0.00

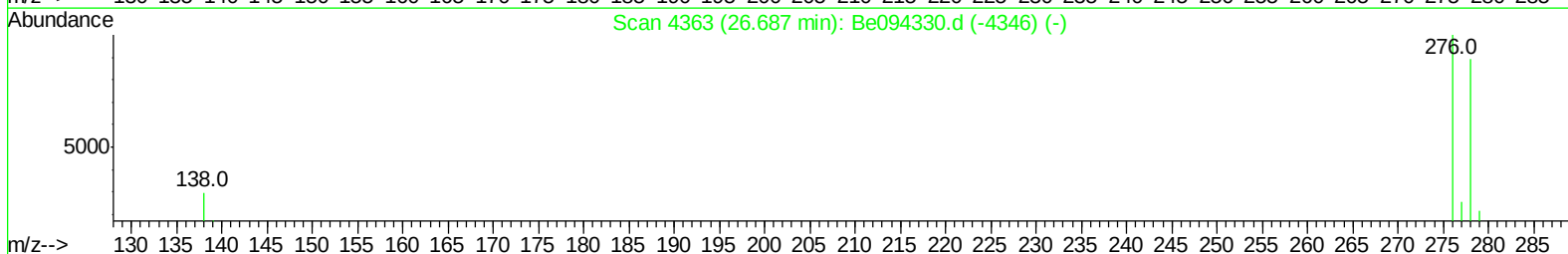
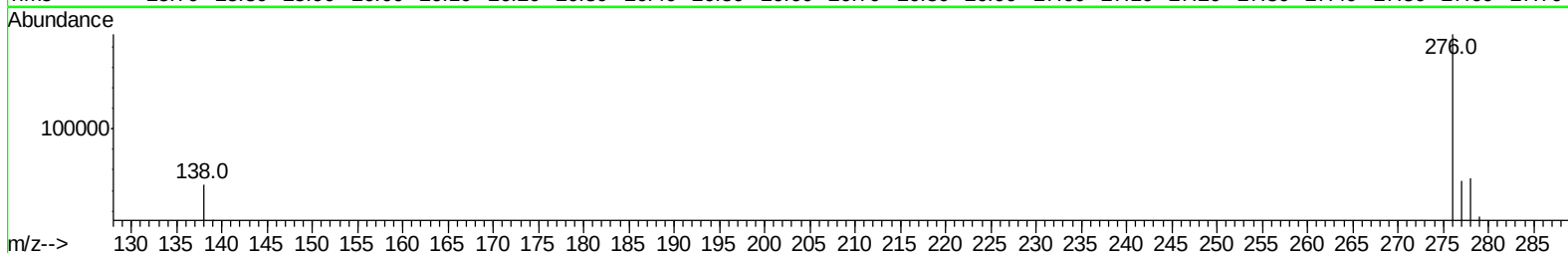
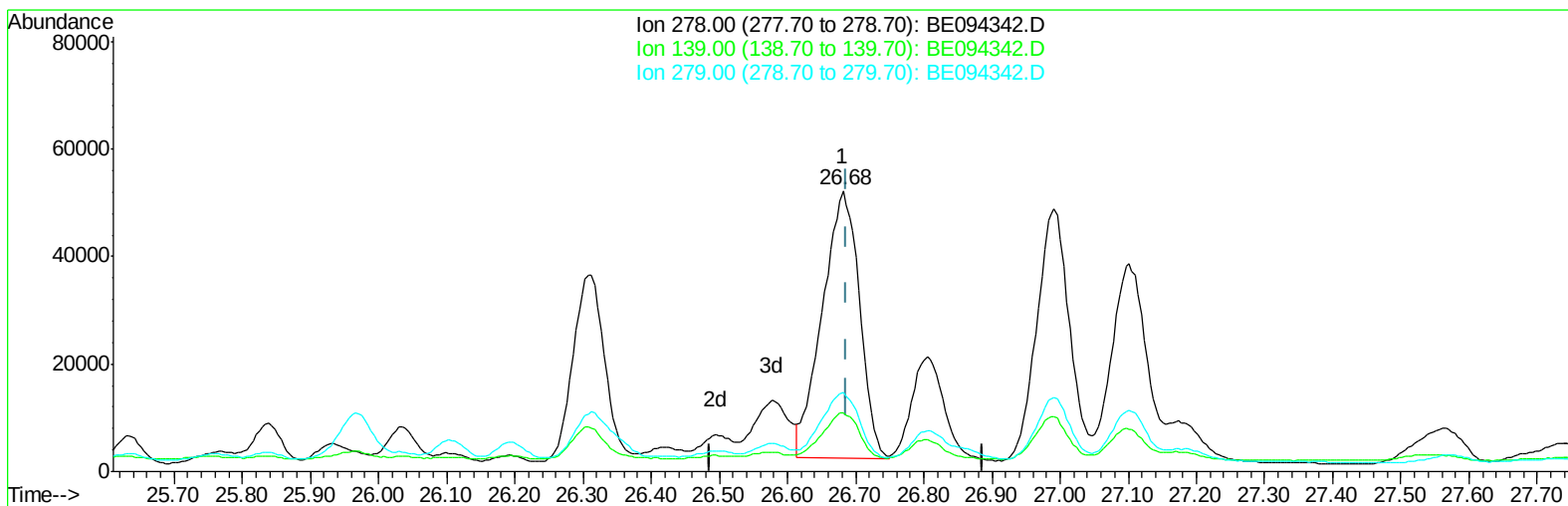
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Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.D

(25) Dibenzo(a,h)anthracene

26.682min (-0.005) 5.74ng/ul m

response 187255

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.99
279.00	32.40	28.38
0.00	0.00	0.00

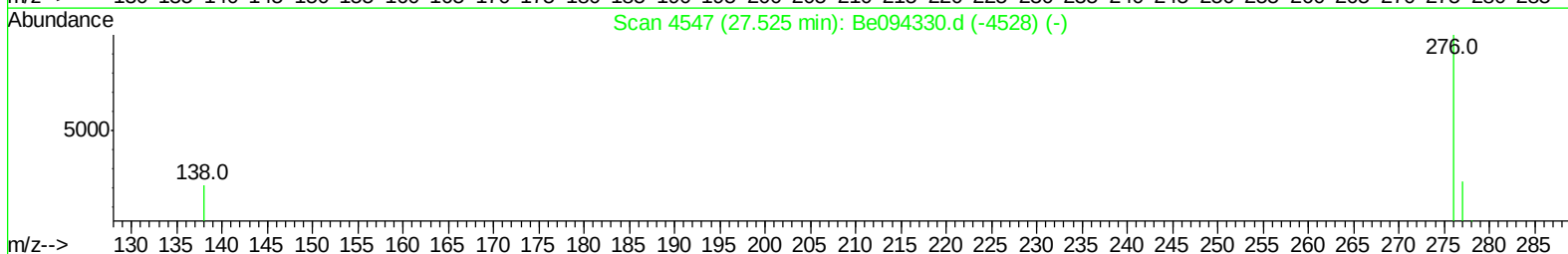
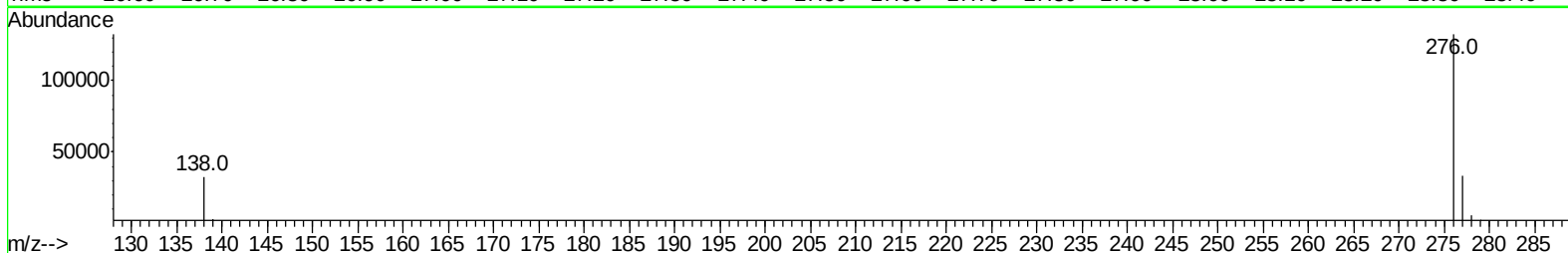
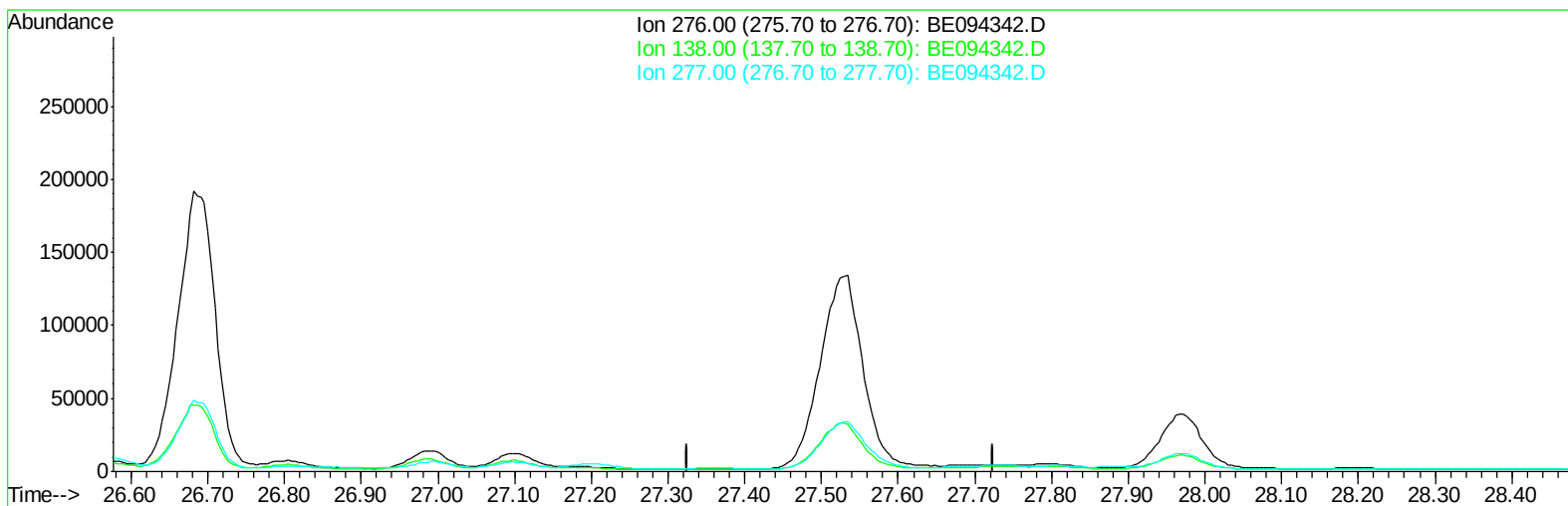
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.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

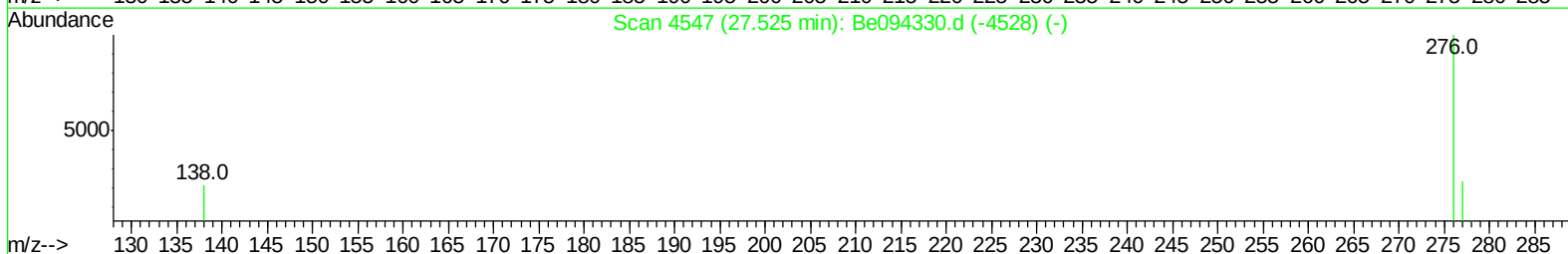
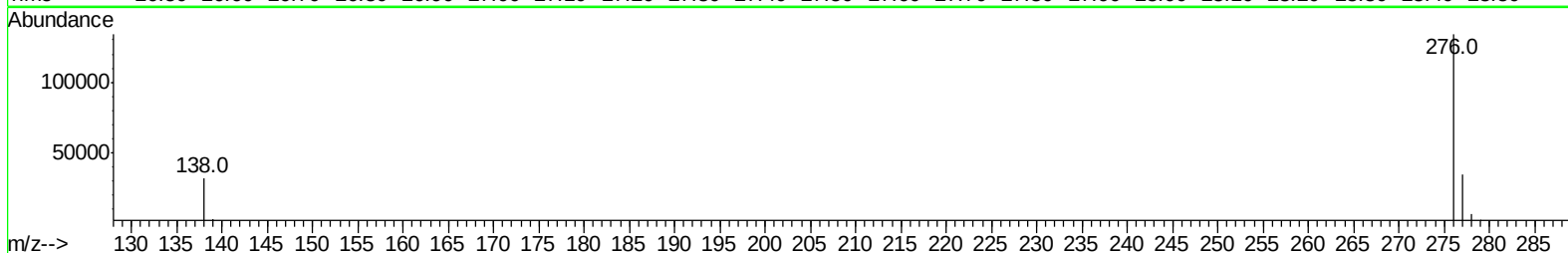
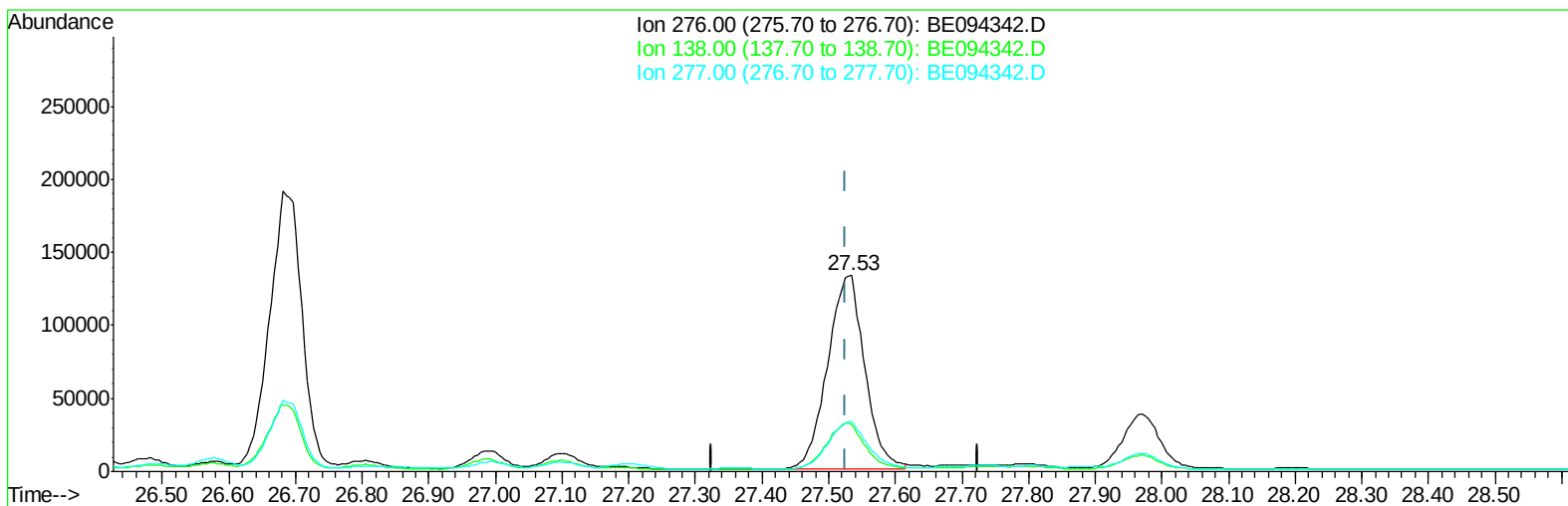
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094342.D
Acq On : 14 Oct 2017 2:45
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-42(7-9)-100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:08:02 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: BE094342.D

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

27.534min (+0.009) 15.33ng/ul m

response 514255

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	24.23
277.00	25.60	25.66
0.00	0.00	0.00

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094342.D
 Acq On : 14 Oct 2017 2:45
 Operator : SJ/JU
 Sample : I5649-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-42(7-9)-100217

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:23:12 PM

Quant Time: Oct 14 05:10:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2039	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10034	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6028	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	12871m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	11620	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	13469m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4898	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	11732	0.27	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	27597	1.123	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	10585	0.664	ng/ul	97
7) Acenaphthylene	14.26	152	21549	0.917	ng/ul	98
8) Acenaphthene	14.60	153	66885	3.457	ng/ul	97
9) Fluorene	15.58	166	85717	3.783	ng/ul#	94
12) Phenanthrene	17.31	178	1226337	36.461	ng/ul#	87
13) Anthracene	17.39	178	318001	9.721	ng/ul#	87
15) Fluoranthene	19.33	202	2119467	47.958	ng/ul	84
17) Pyrene	19.70	202	2070103	64.029	ng/ul#	83
18) Benzo(a)anthracene	21.43	228	1363837	44.242	ng/ul#	87
19) Chrysene	21.48	228	1241671	34.879	ng/ul	98
21) Benzo(b)fluoranthene	23.21	252	1271505	34.752	ng/ul	86
22) Benzo(k)fluoranthene	23.25	252	479899m	11.347	ng/ul	
23) Benzo(a)pyrene	23.88	252	1076891m	28.324	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.68	276	629874m	16.195	ng/ul	
25) Dibenzo(a,h)anthracene	26.68	278	187255m	5.740	ng/ul	
26) Benzo(a,h,i)perylene	27.53	276	514255m	15.329	ng/ul	

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

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