

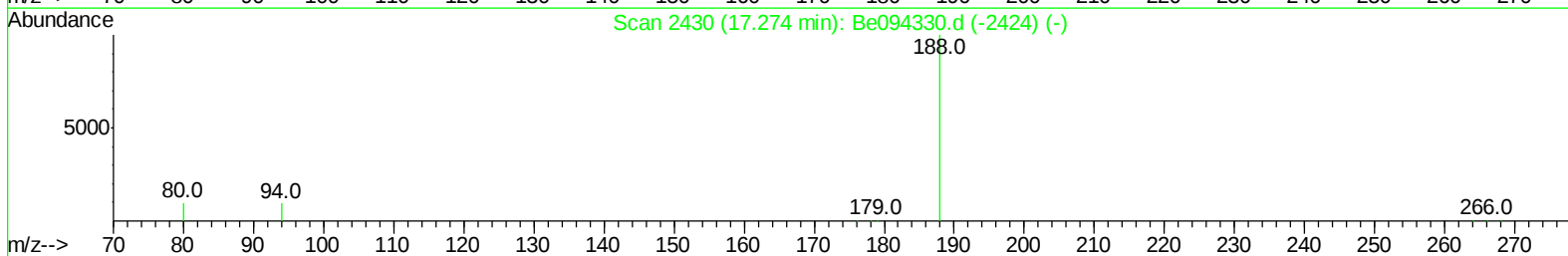
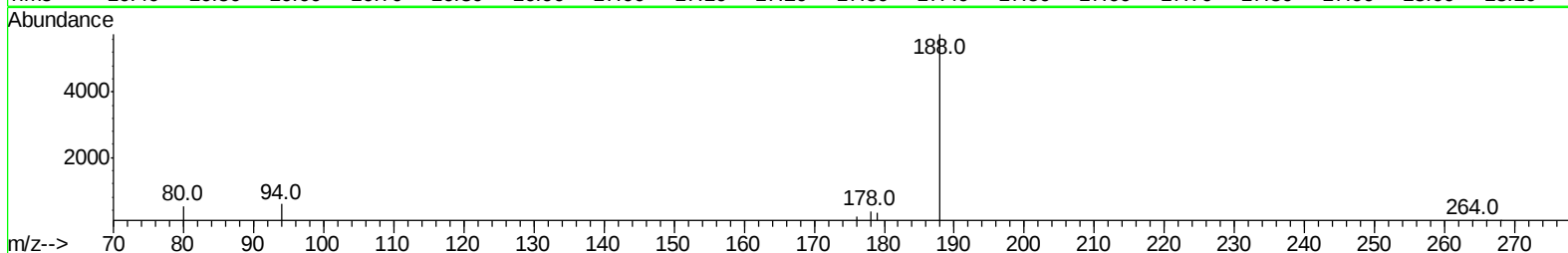
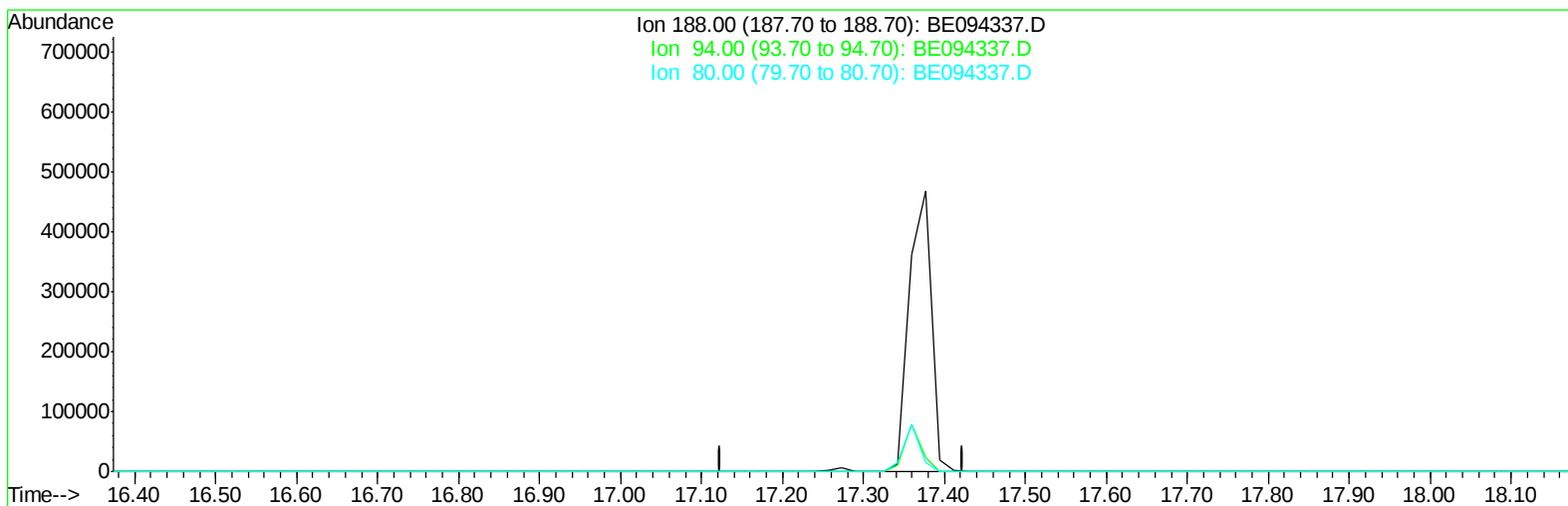
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:02:33 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094337.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

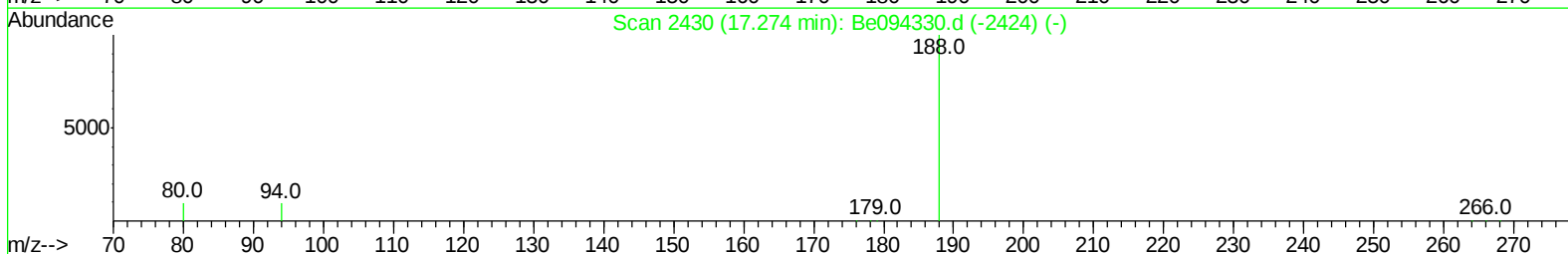
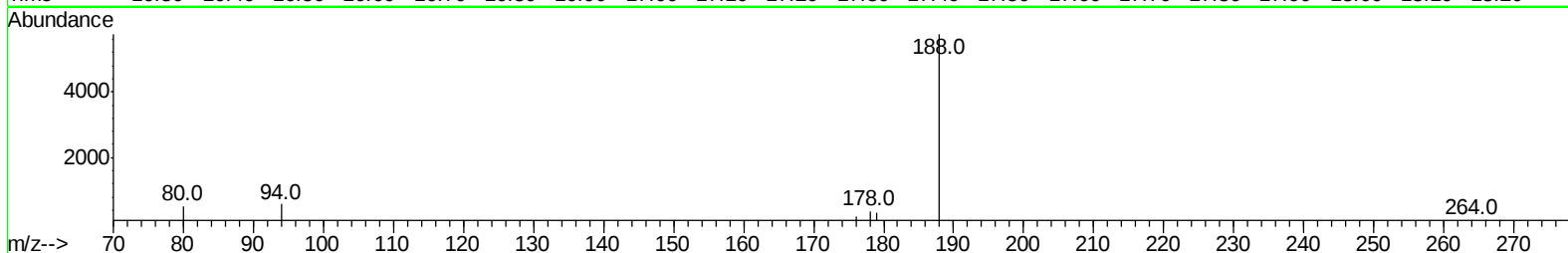
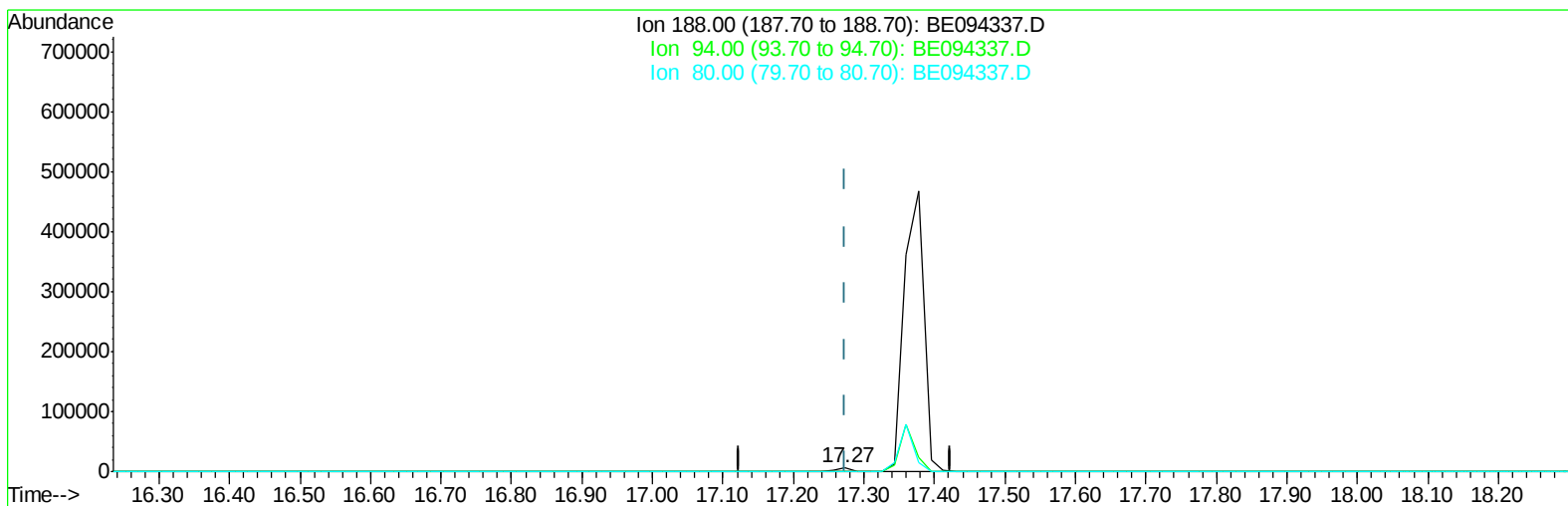
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Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:02:33 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 03:57:24 2017
Response via : Initial Calibration



TIC: BE094337.D

(10) Phenanthrene-d10 (I)

17.274min (-0.000) 0.40ng/ul m

response 9678

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.08
80.00	11.80	8.85#
0.00	0.00	0.00

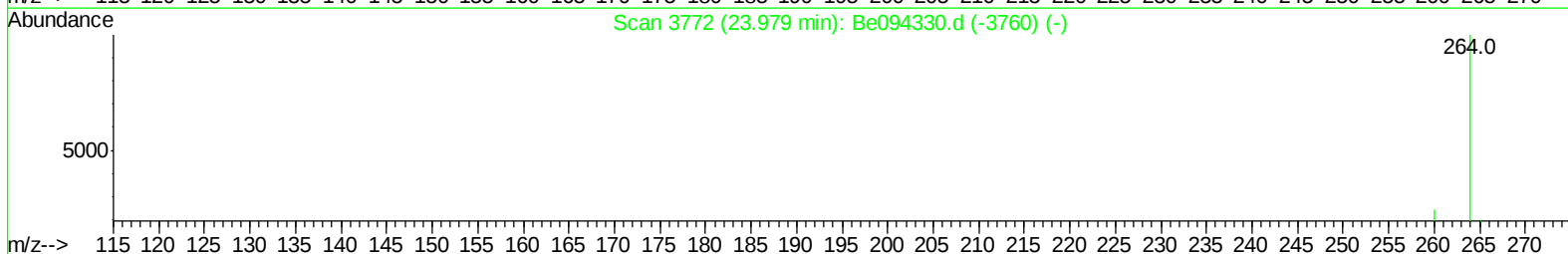
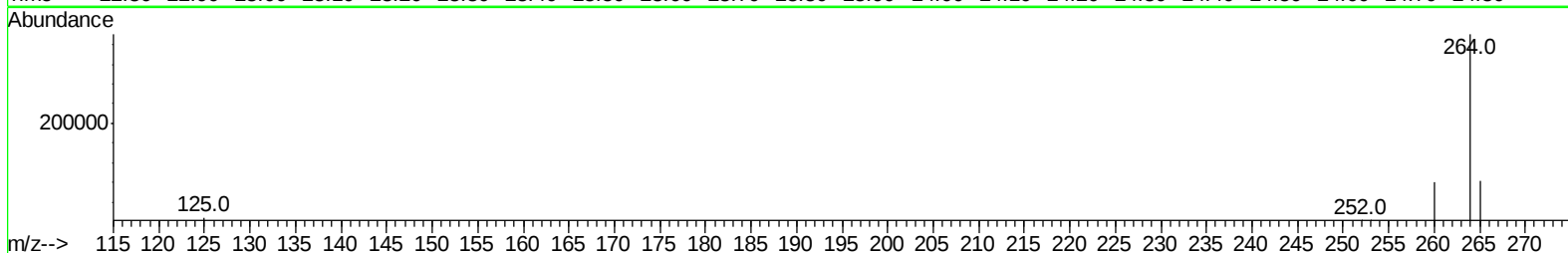
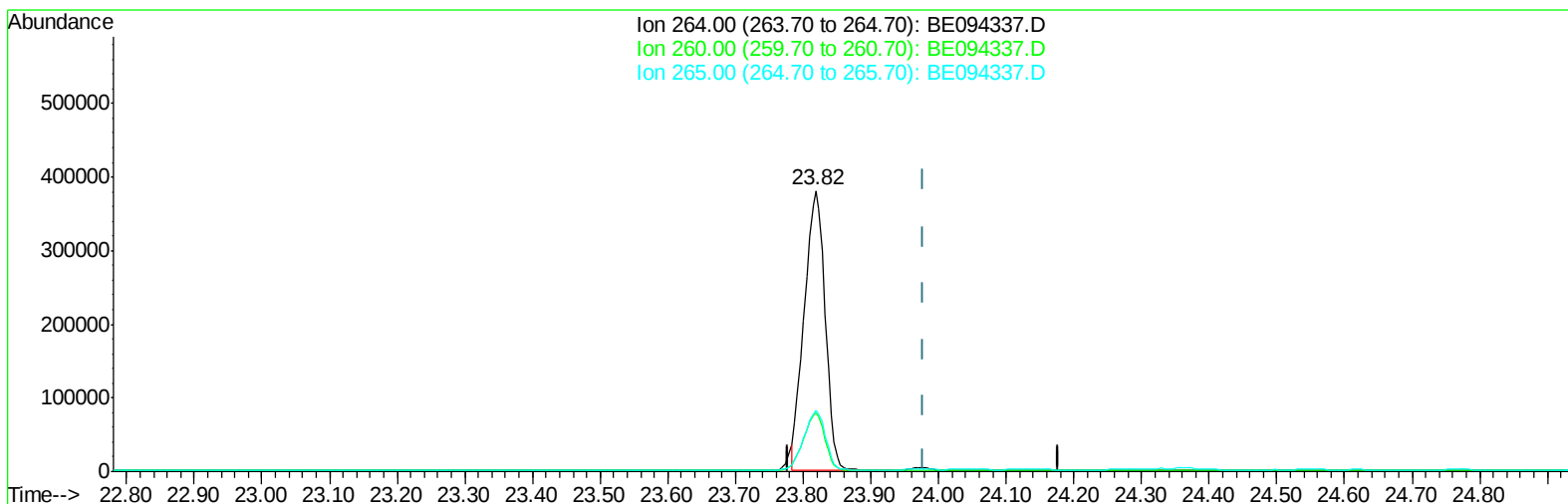
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Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:33:20 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: BE094337.D

(20) Perylene-d12 (I)

23.819min (-0.160) 0.40ng/ul

response 816719

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.97#
265.00	103.50	21.76#
0.00	0.00	0.00

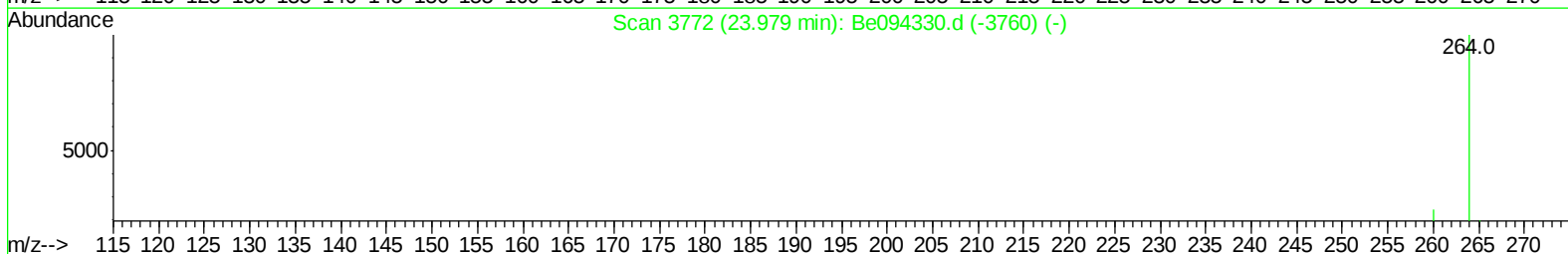
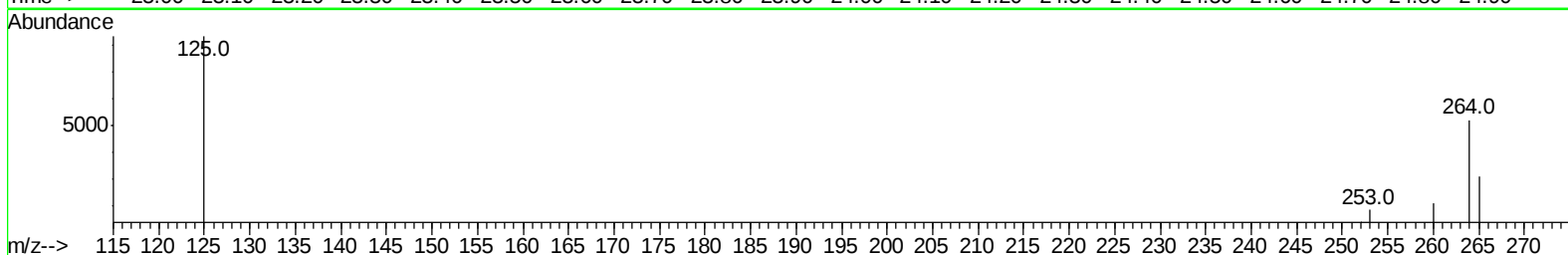
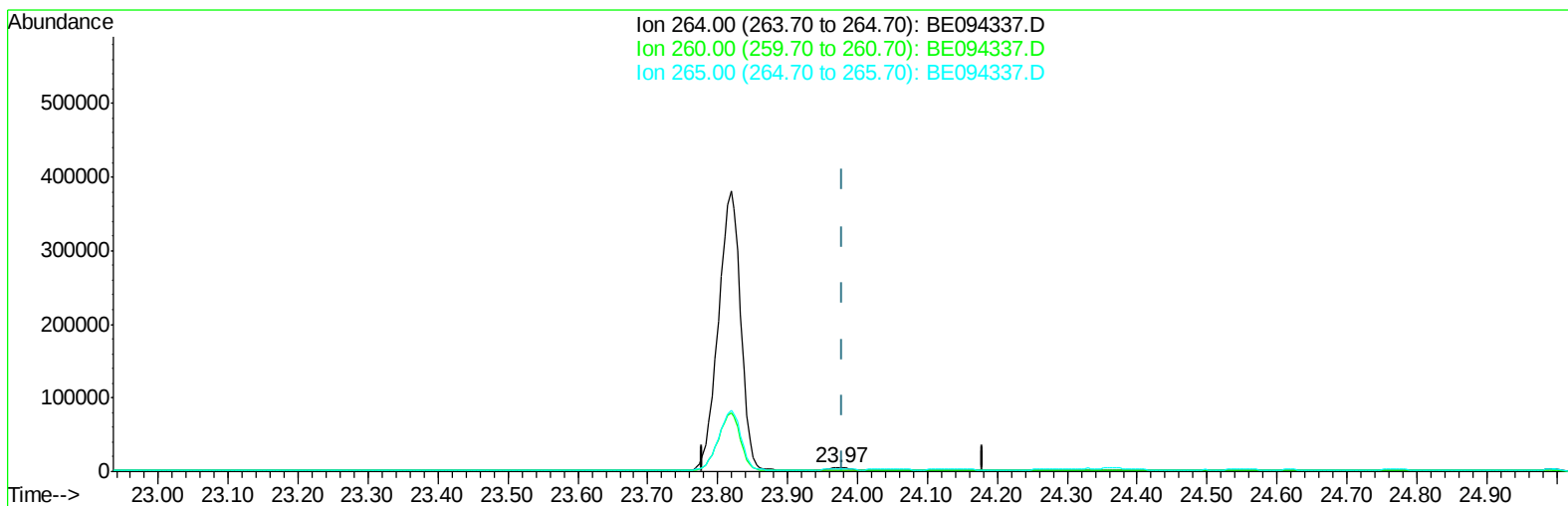
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:33:20 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: BE094337.D

(20) Perylene-d12 (I)

23.974min (-0.005) 0.40ng/ul m

response 9270

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	39.87#
265.00	103.50	59.27#
0.00	0.00	0.00

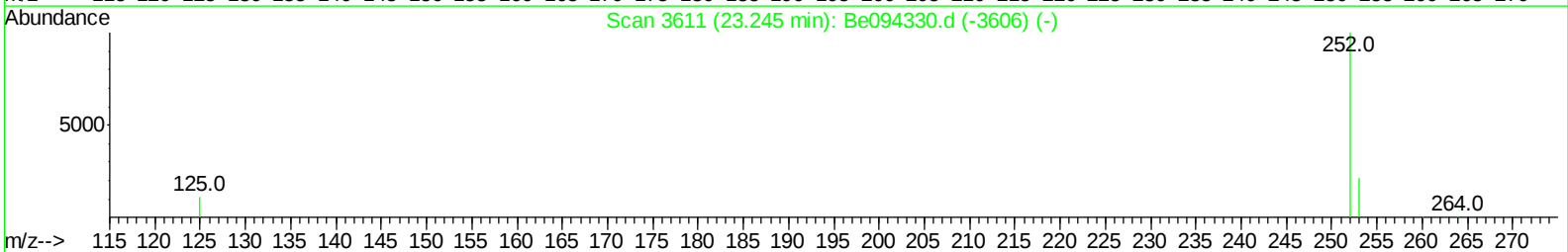
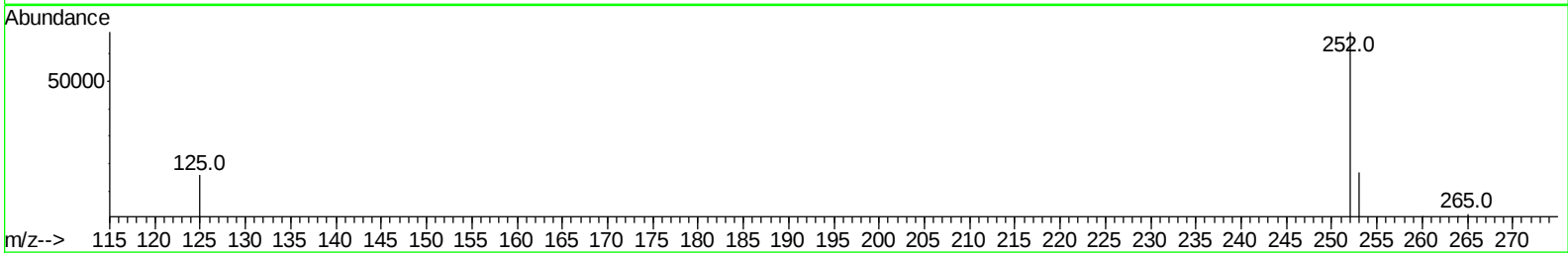
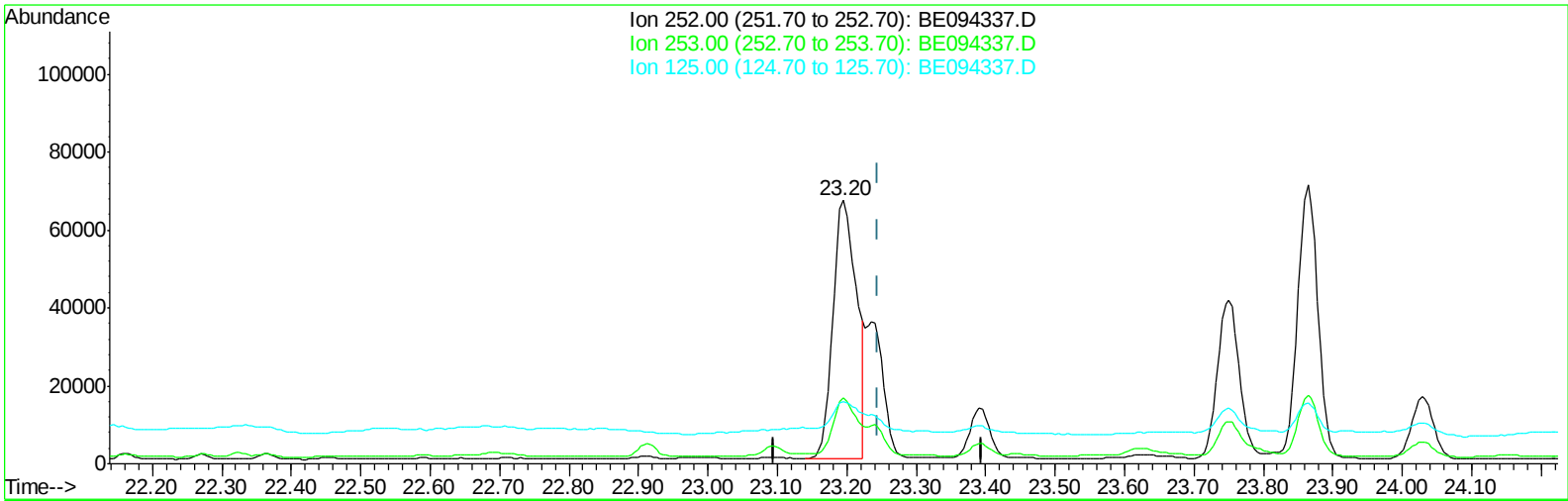
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 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: BE094337.D

(22) Benzo(k)fluoranthene
23.195min (-0.050) 5.39ng/ul
response 156769

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.99
125.00	17.10	23.70#
0.00	0.00	0.00

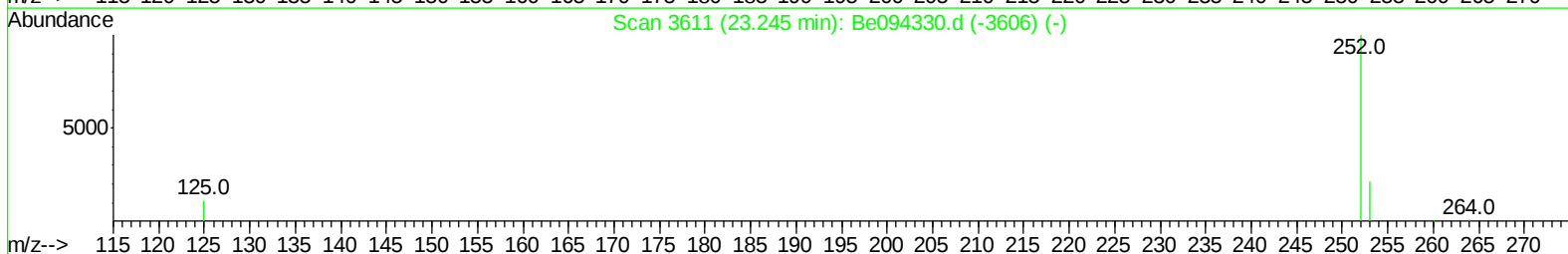
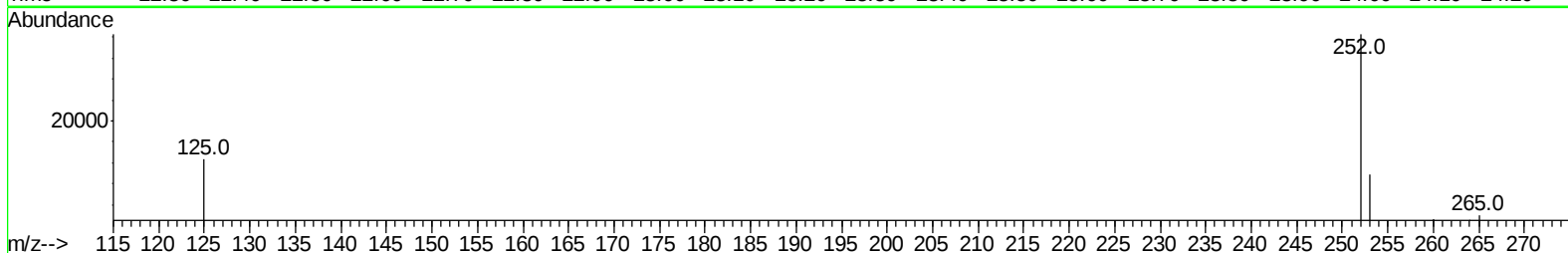
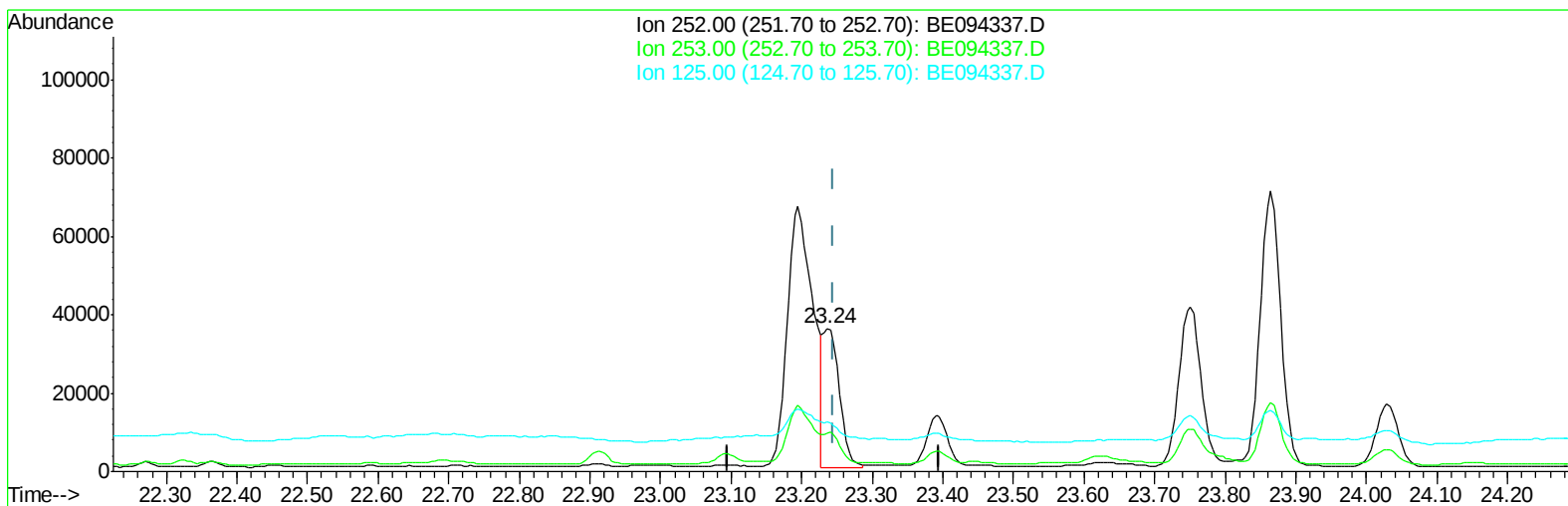
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 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: BE094337.D

(22) Benzo(k)fluoranthene

23.236min (-0.009) 1.95ng/ul m

response 56790

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.99
125.00	17.10	34.53#
0.00	0.00	0.00

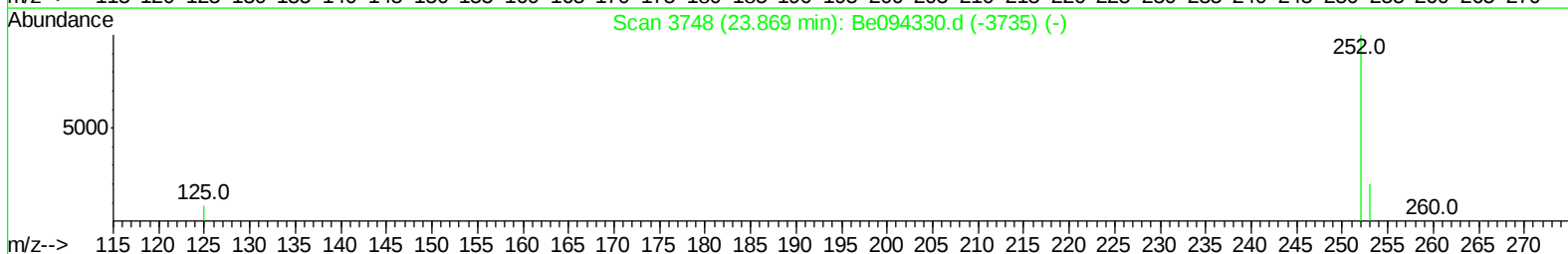
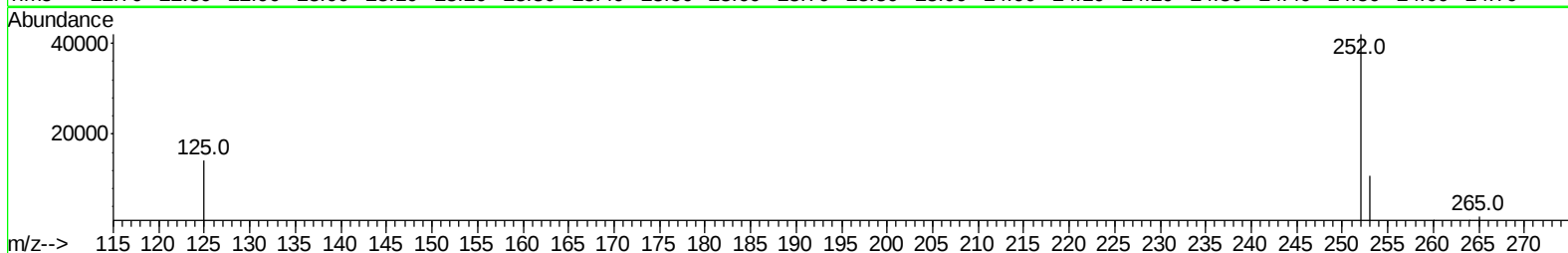
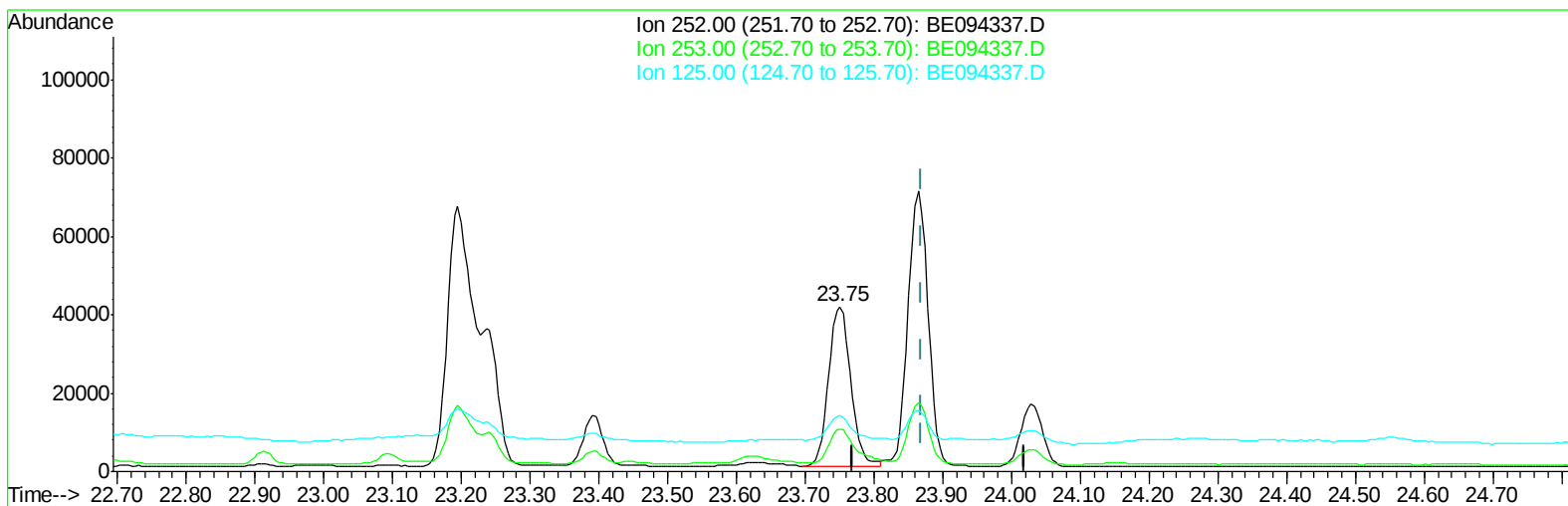
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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Response via : Initial Calibration



TIC: BE094337.D

(23) Benzo(a)pyrene (C)

23.751min (-0.119) 3.47ng/ul

response 90802

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	25.92#
125.00	22.60	33.89#
0.00	0.00	0.00

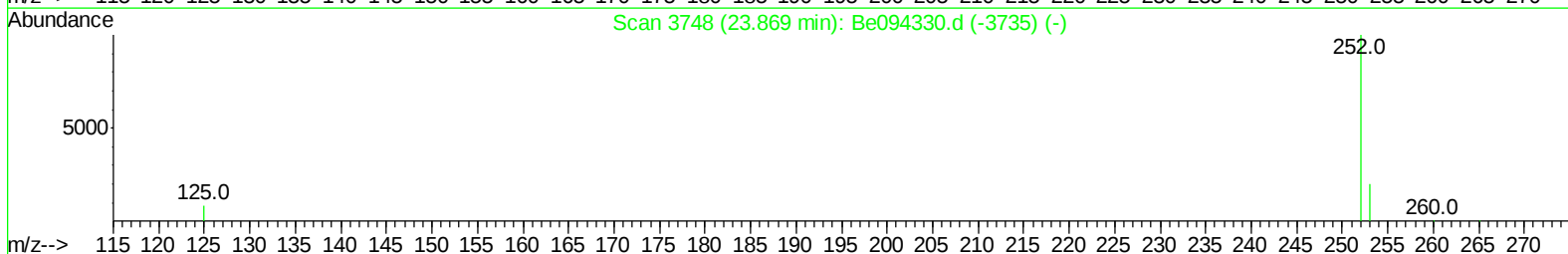
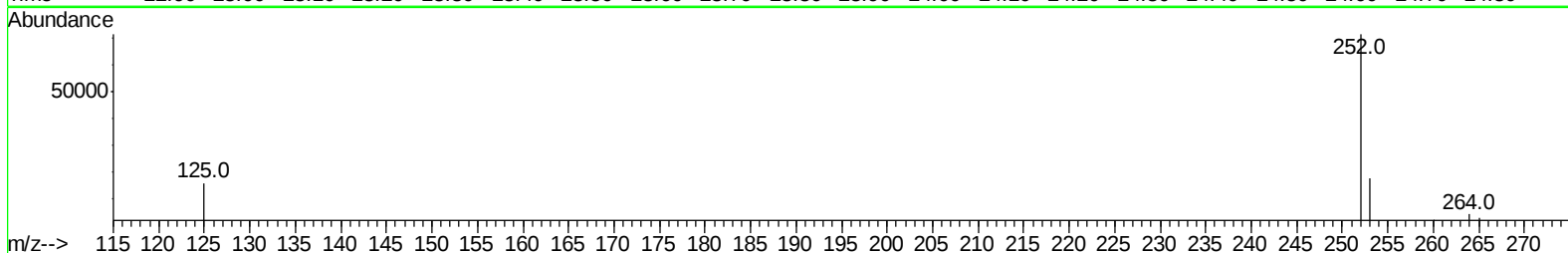
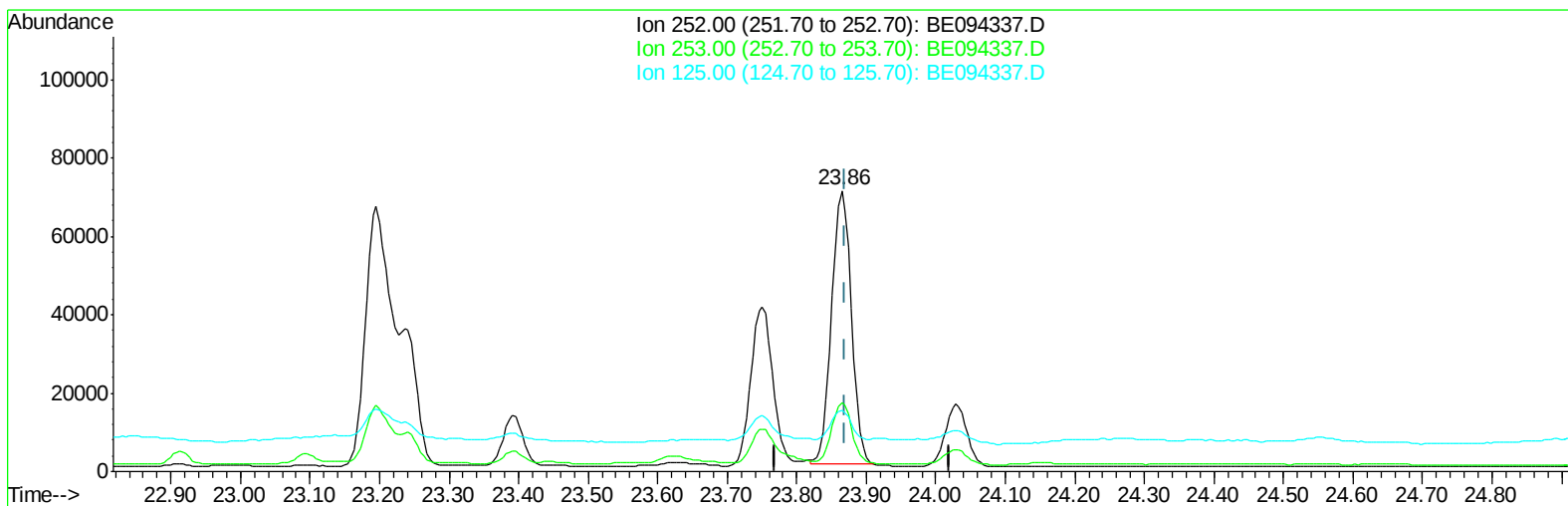
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 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: BE094337.D

(23) Benzo(a)pyrene (C)

23.864min (-0.005) 5.33ng/ul m

response 139361

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.75#
125.00	22.60	22.03
0.00	0.00	0.00

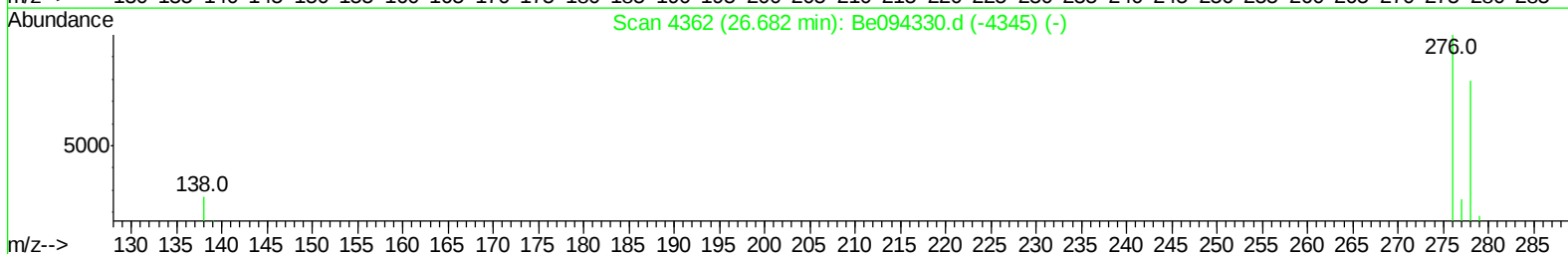
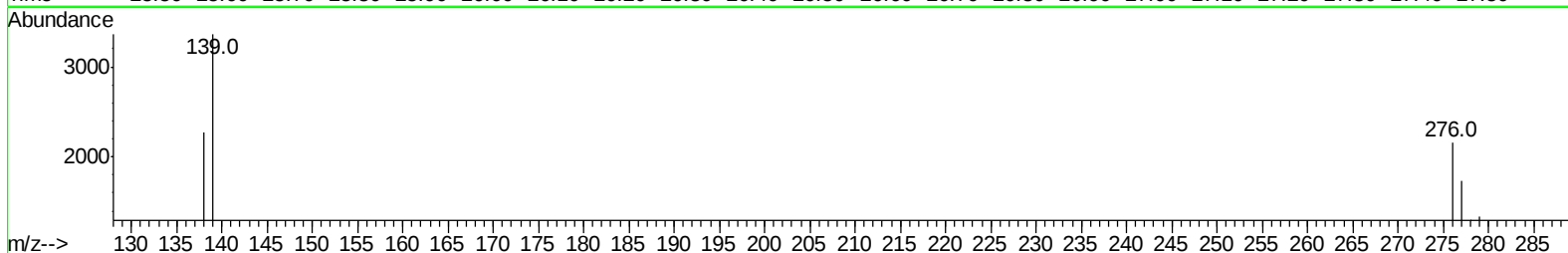
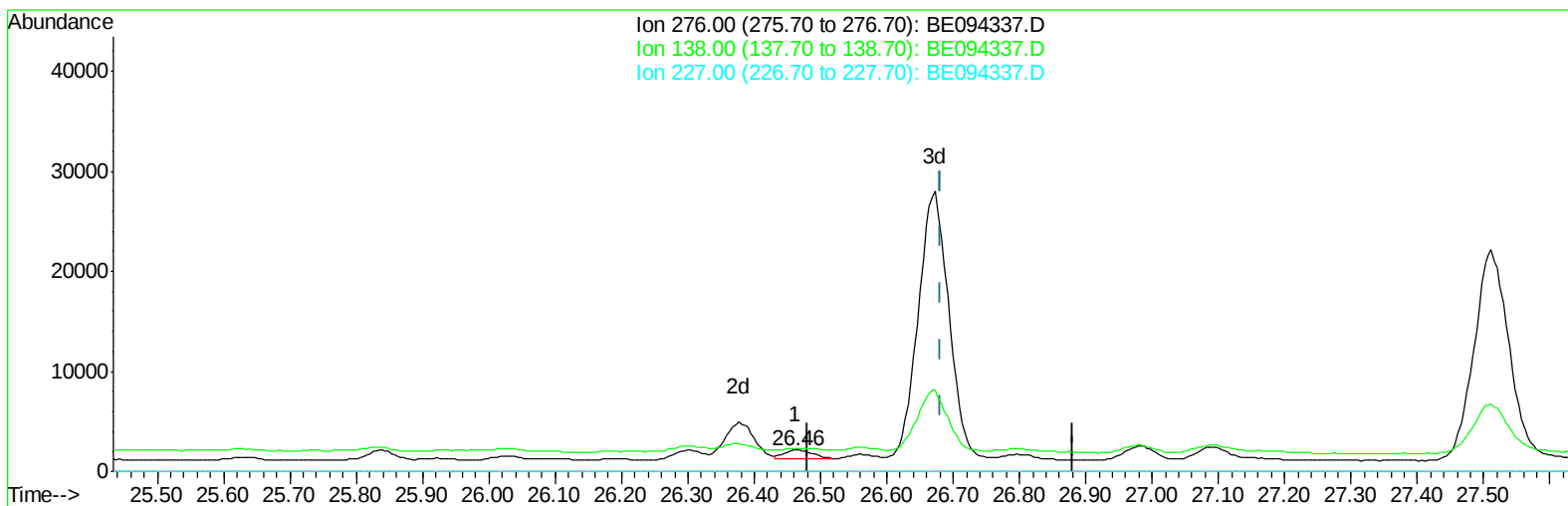
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Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 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: BE094337.D

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

26.463min (-0.219) 0.09ng/ul

response 2431

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	23.86#
227.00	10.00	0.00#
0.00	0.00	0.00

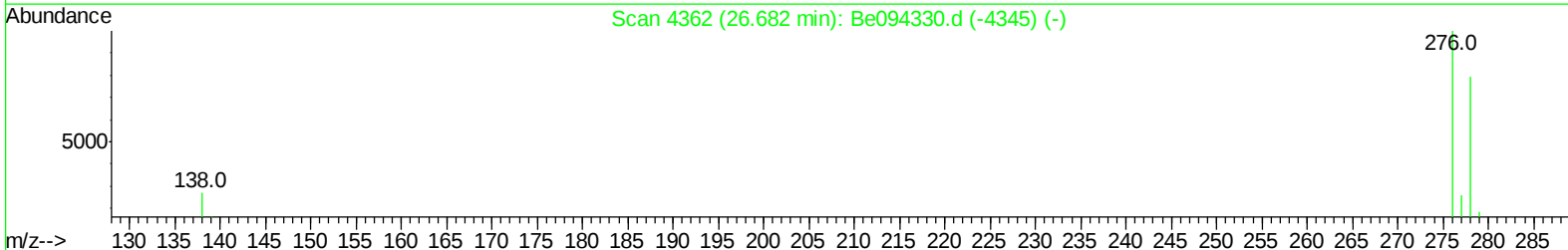
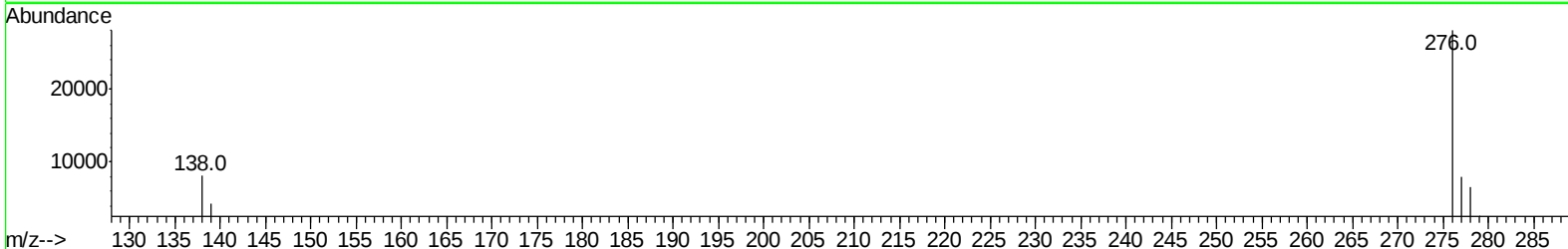
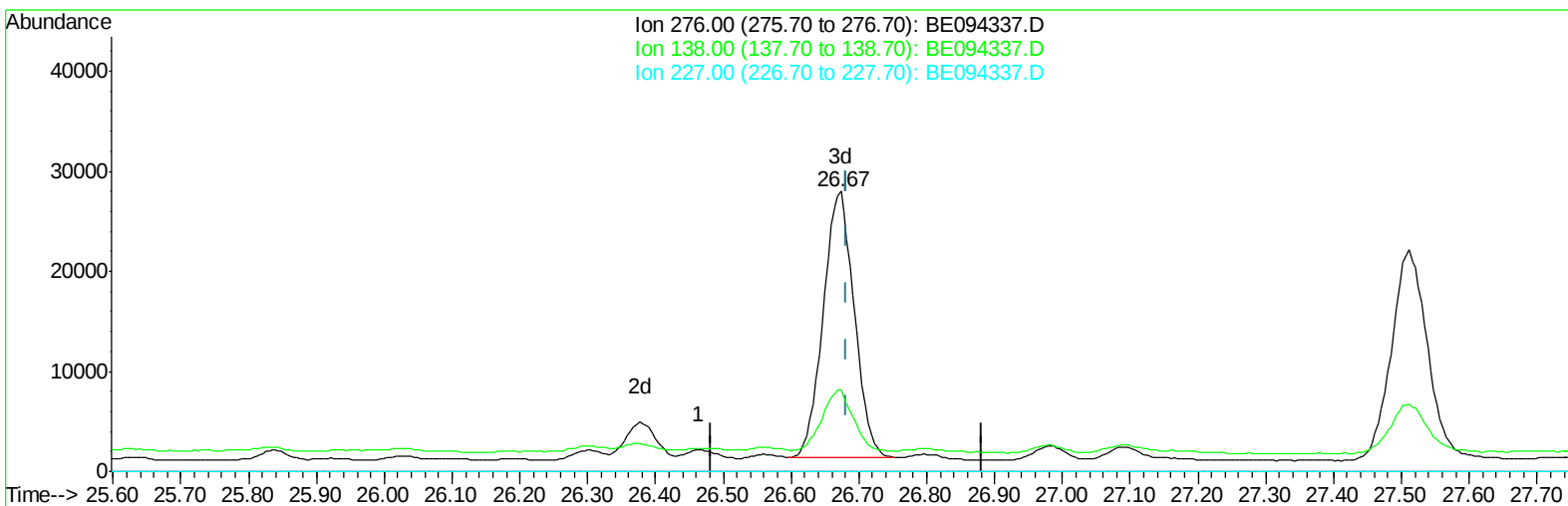
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 Data File : BE094337.D
 Acq On : 13 Oct 2017 23:40
 Operator : SJ/JU
 Sample : I5649-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-39(0.5-1.5)-100317

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 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: BE094337.D

(24) Indeno(1,2,3-cd)pyrene
 26.673min (-0.009) 3.17ng/ul m
 response 84906

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.68#
227.00	10.00	0.00#
0.00	0.00	0.00

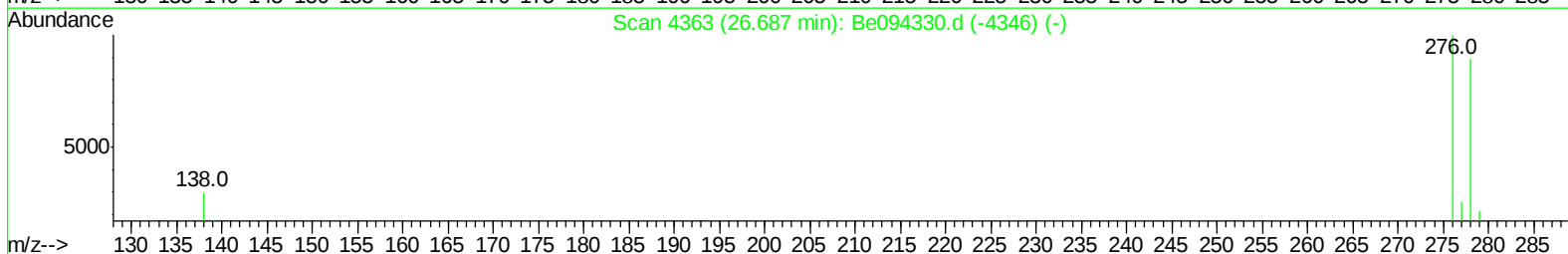
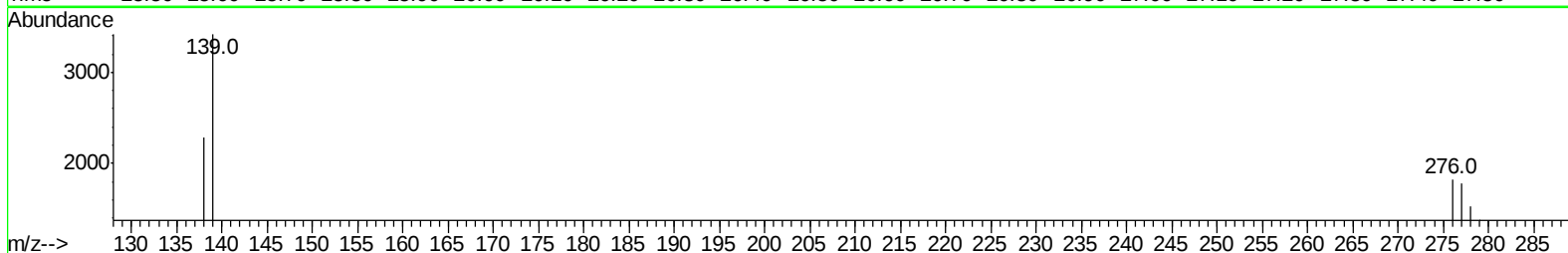
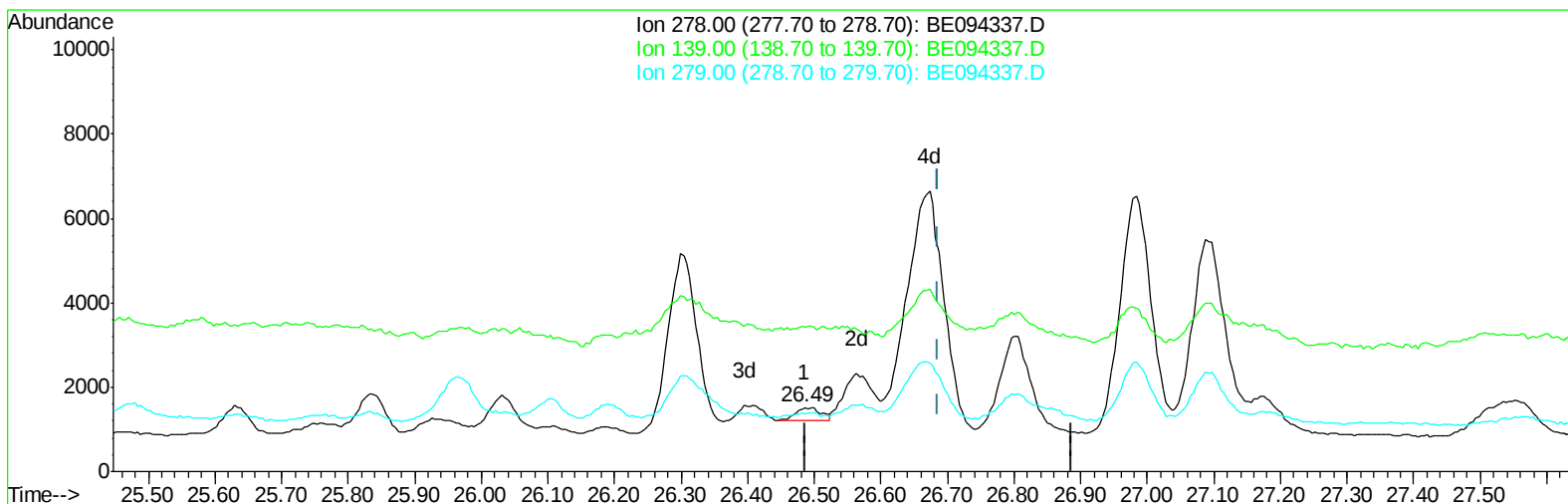
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Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 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: BE094337.D

(25) Dibenzo(a,h)anthracene

26.486min (-0.201) 0.03ng/ul

response 760

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	224.70#
279.00	32.40	90.14#
0.00	0.00	0.00

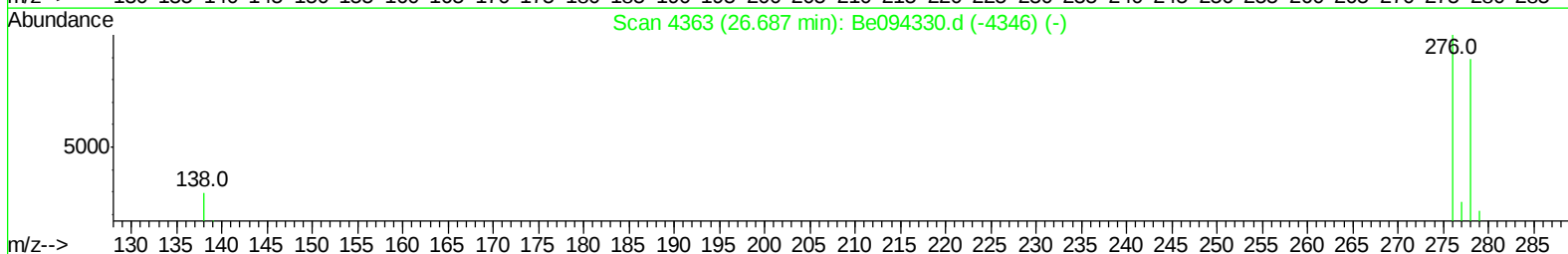
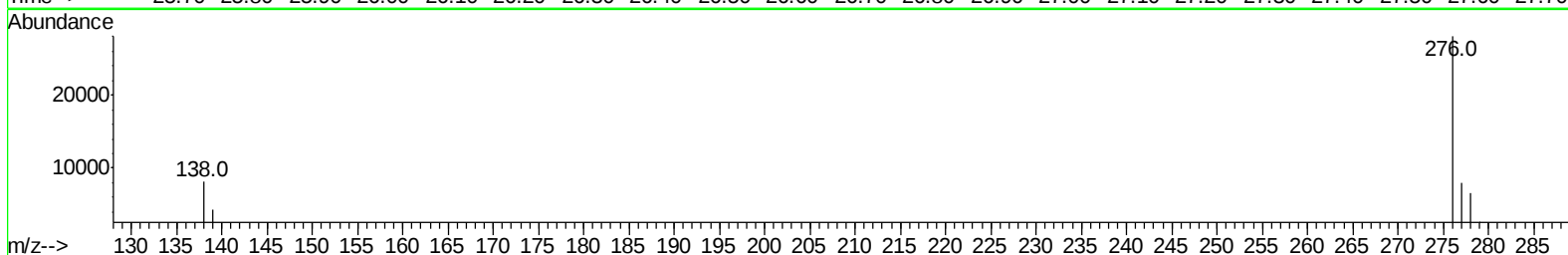
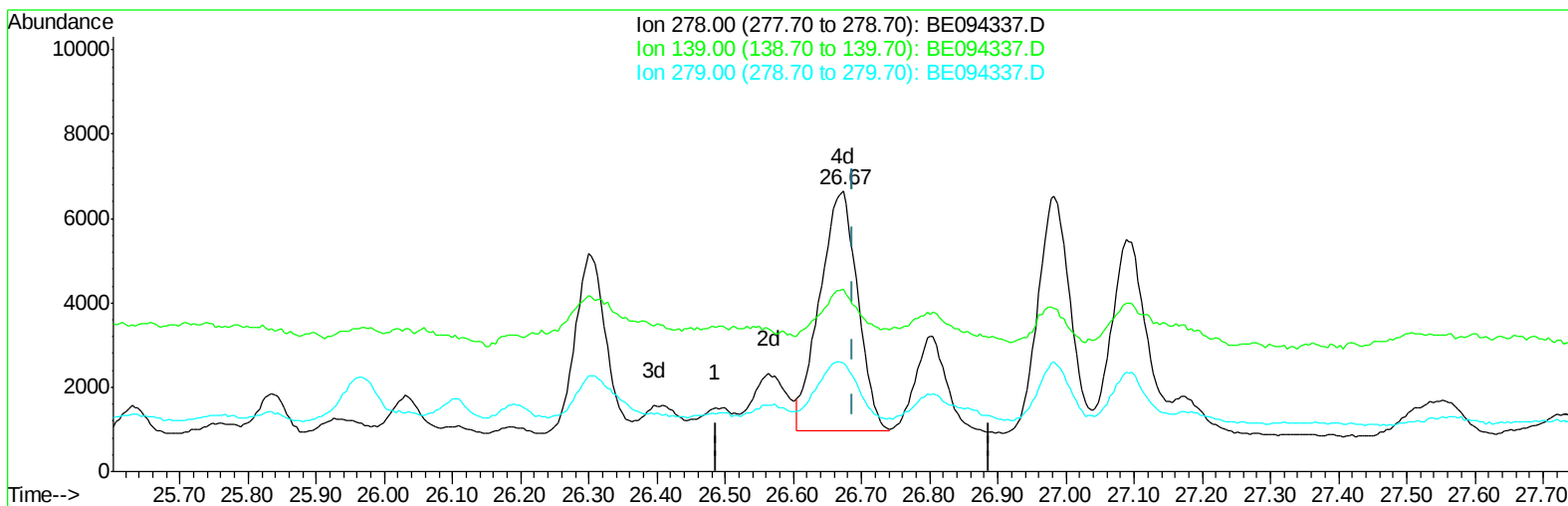
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Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 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: BE094337.D

(25) Dibenzo(a,h)anthracene

26.673min (-0.014) 0.97ng/ul m

response 21844

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	64.92#
279.00	32.40	38.78
0.00	0.00	0.00

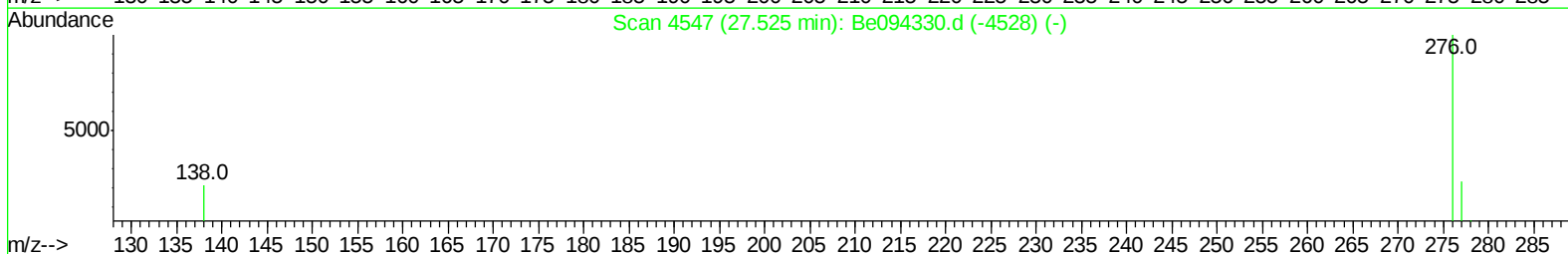
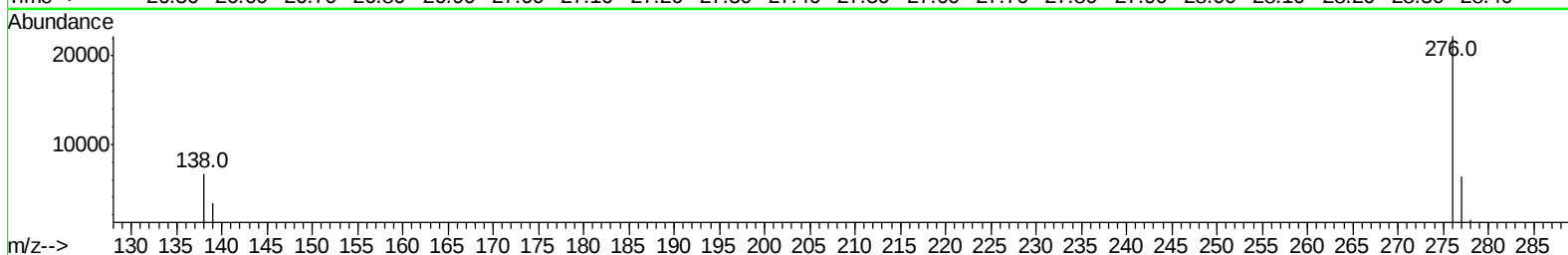
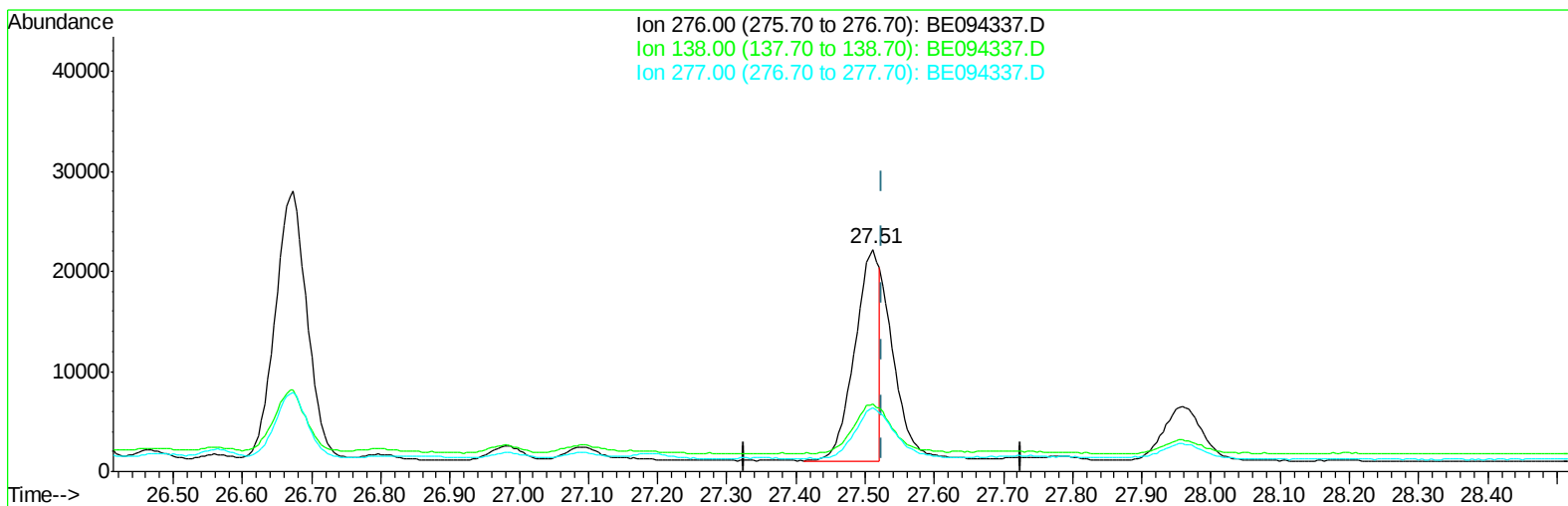
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Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 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: BE094337.D

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

27.511min (-0.014) 2.24ng/ul

response 51680

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	30.15
277.00	25.60	28.83
0.00	0.00	0.00

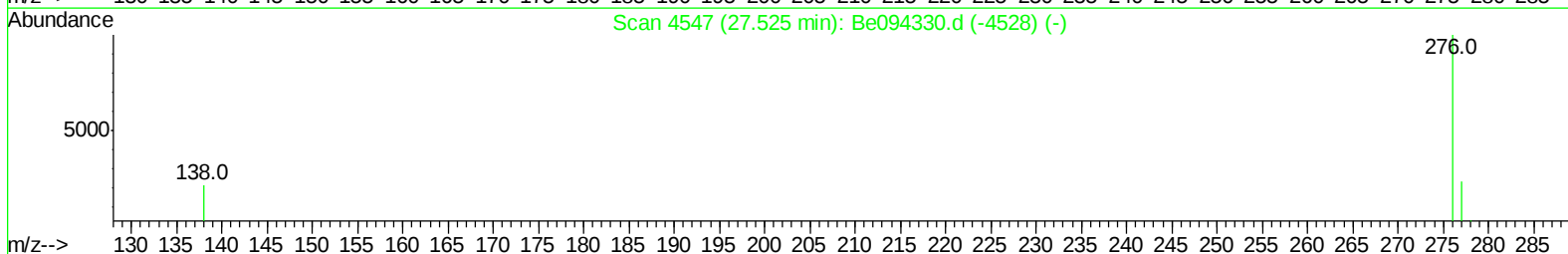
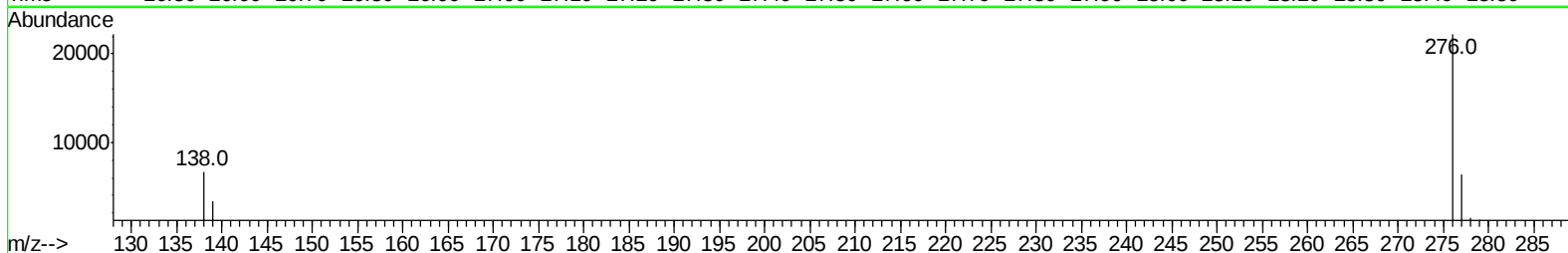
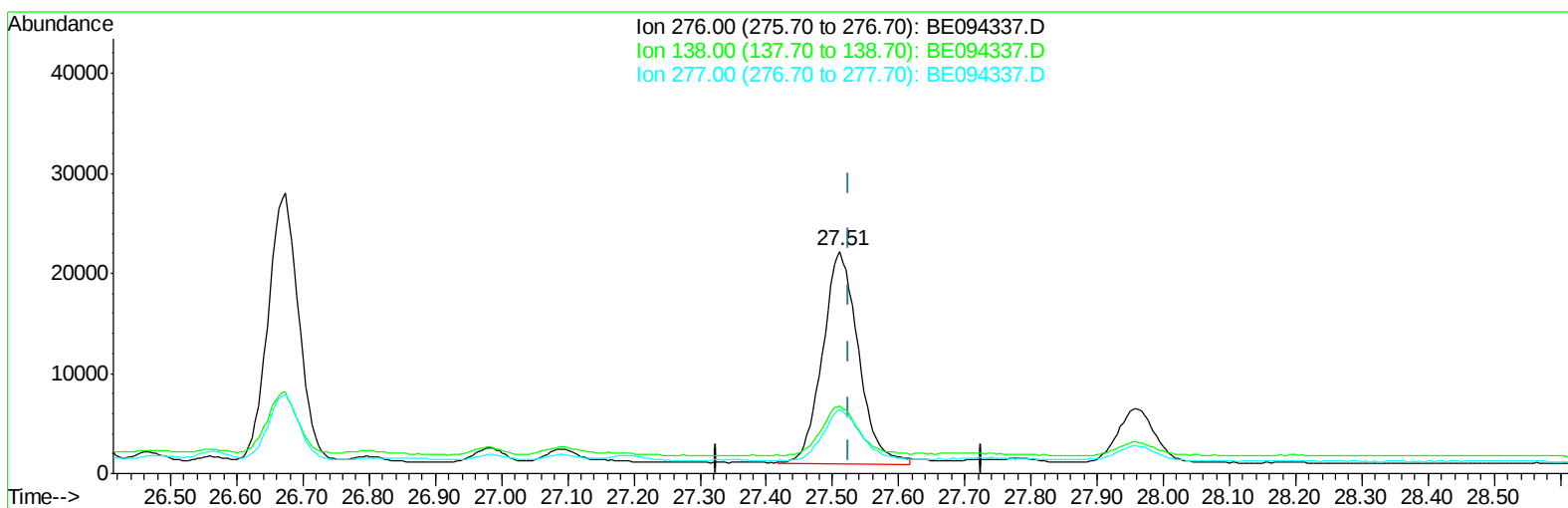
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094337.D
Acq On : 13 Oct 2017 23:40
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(0.5-1.5)-100317

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:34:08 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: BE094337.D

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

27.511min (-0.014) 3.46ng/ul m

response 79934

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	30.15
277.00	25.60	28.83
0.00	0.00	0.00

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094337.D
 Acq On : 13 Oct 2017 23:40
 Operator : SJ/JU
 Sample : I5649-01
 Misc :
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Quant Time: Oct 14 04:36:04 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1437	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7576	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4665	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9678m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	8440	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9270m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4750	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	11785	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.76	128	10884	0.587	ng/ul#	92
5) 2-Methylnaphthalene	12.37	142	3118	0.259	ng/ul	100
7) Acenaphthylene	14.26	152	3619	0.199	ng/ul	96
8) Acenaphthene	14.60	153	4155	0.277	ng/ul	98
9) Fluorene	15.58	166	4286	0.244	ng/ul	92
12) Phenanthrene	17.31	178	132136	5.225	ng/ul#	90
13) Anthracene	17.39	178	31211	1.269	ng/ul#	90
15) Fluoranthene	19.33	202	254565	7.661	ng/ul	84
17) Pyrene	19.69	202	278188	11.846	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	152153	6.795	ng/ul#	88
19) Chrysene	21.47	228	144386	5.584	ng/ul	97
21) Benzo(b)fluoranthene	23.20	252	165916	6.589	ng/ul	87
22) Benzo(k)fluoranthene	23.24	252	56790m	1.951	ng/ul	
23) Benzo(a)pyrene	23.86	252	139361m	5.326	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	84906m	3.172	ng/ul	
25) Dibenzo(a,h)anthracene	26.67	278	21844m	0.973	ng/ul	
26) Benzo(a,h,i)perylene	27.51	276	79934m	3.462	ng/ul	

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

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