

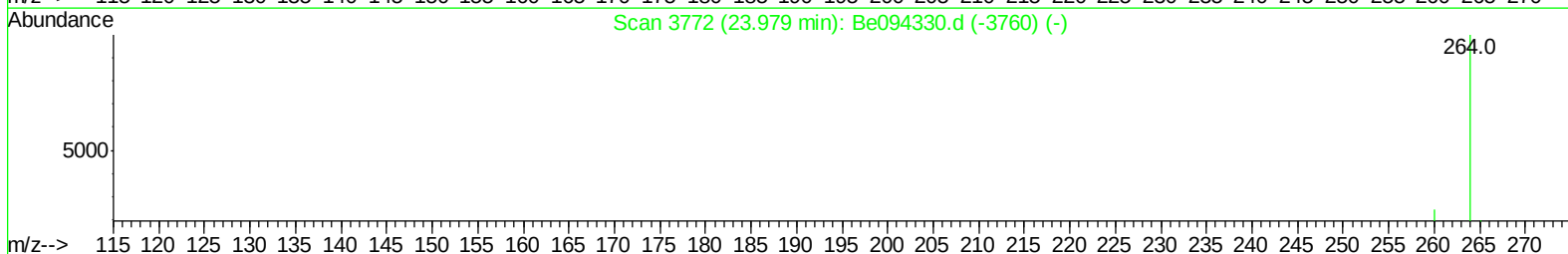
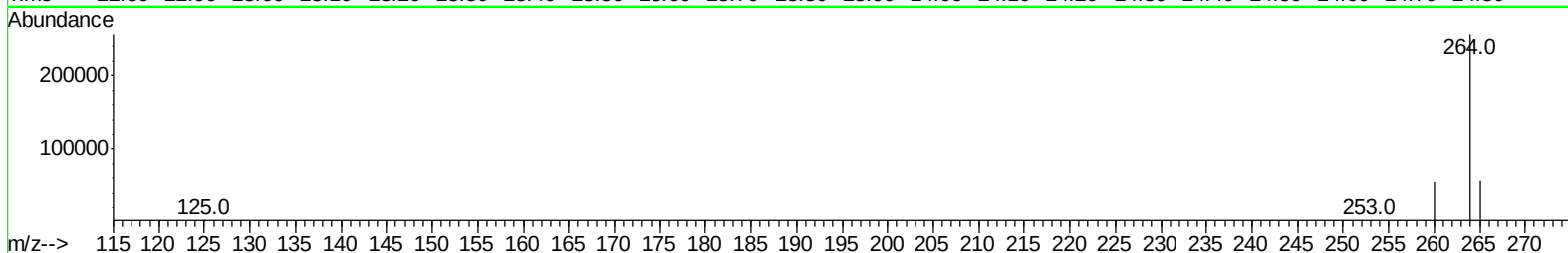
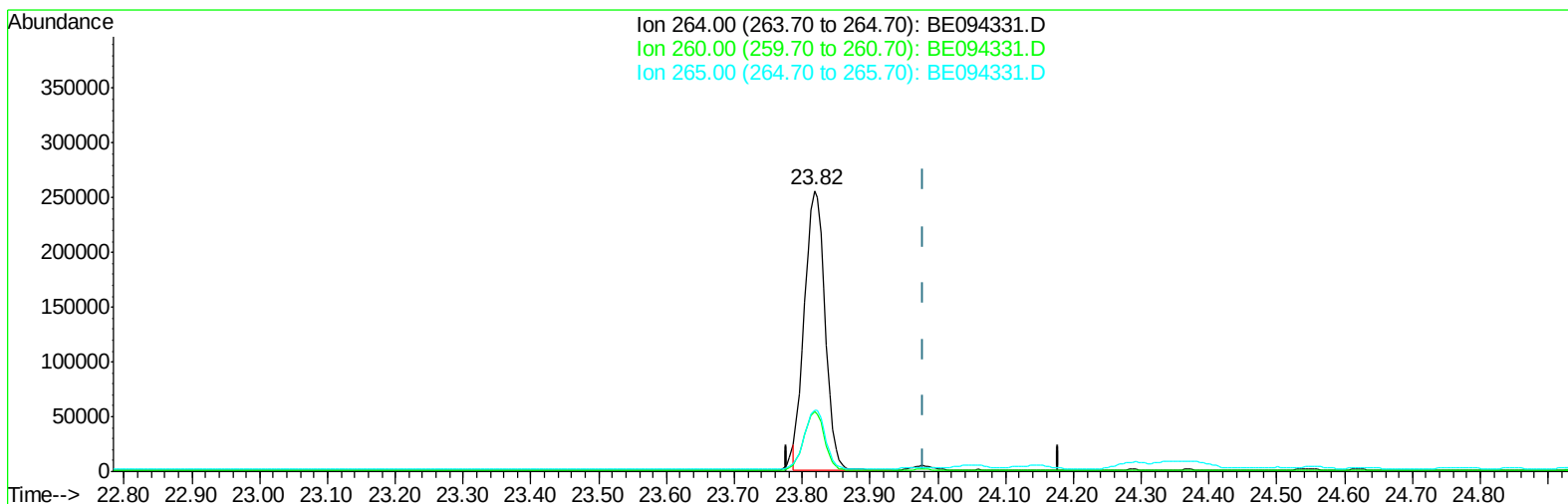
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:53 PM

Quant Time: Oct 14 04:01:19 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: BE094331.D

(20) Perylene-d12 (I)

23.818min (-0.161) 0.40ng/ul

response 535327

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.35#
265.00	103.50	22.02#
0.00	0.00	0.00

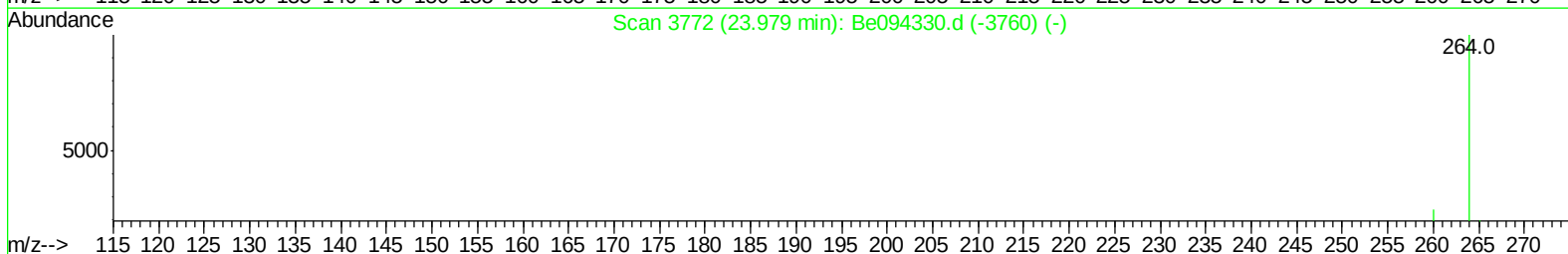
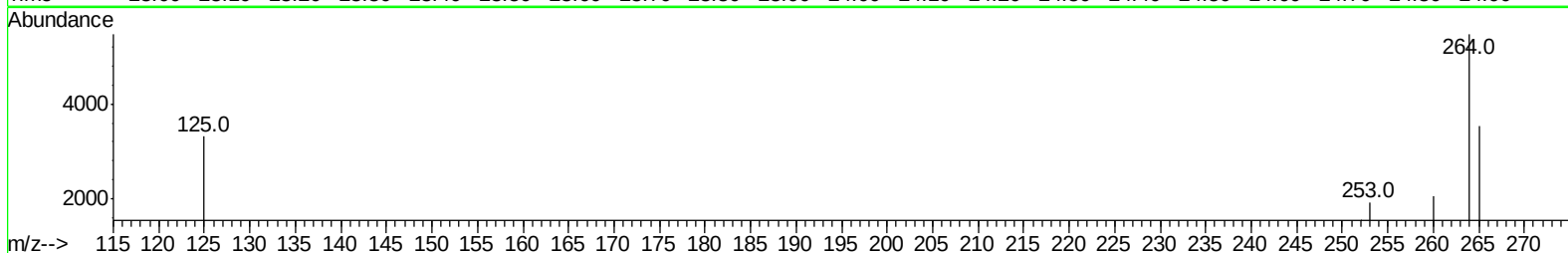
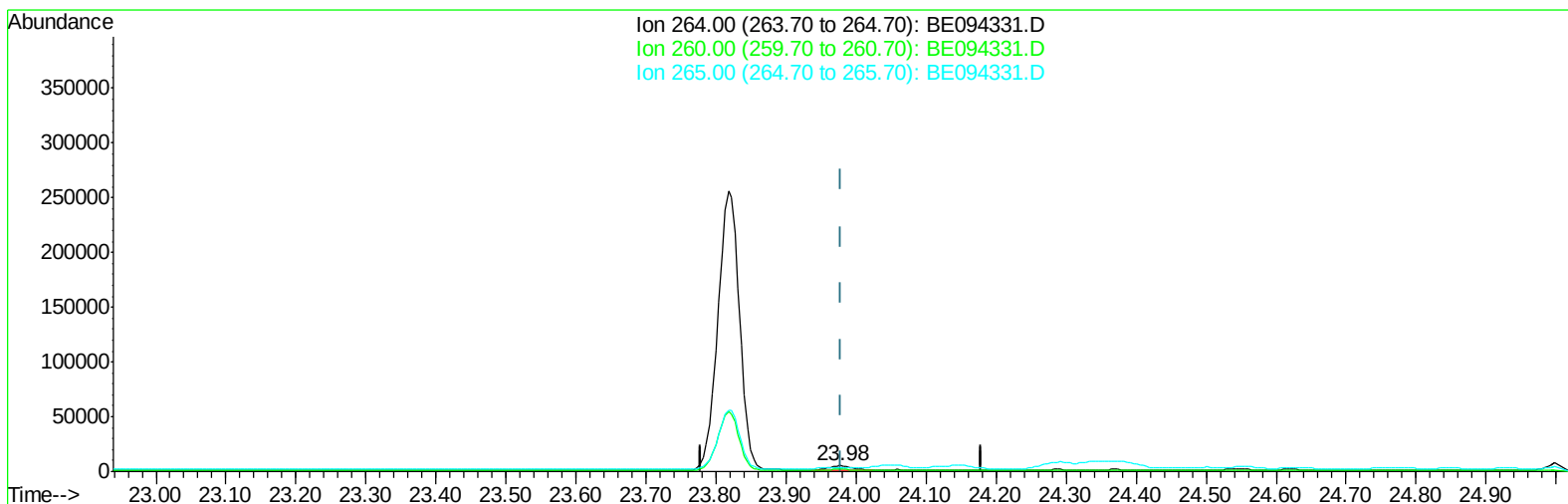
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Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
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Misc :
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Instrument :
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TIC: BE094331.D

(20) Perylene-d12 (I)

23.977min (-0.001) 0.40ng/ul m

response 9778

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	37.67#
265.00	103.50	64.76#
0.00	0.00	0.00

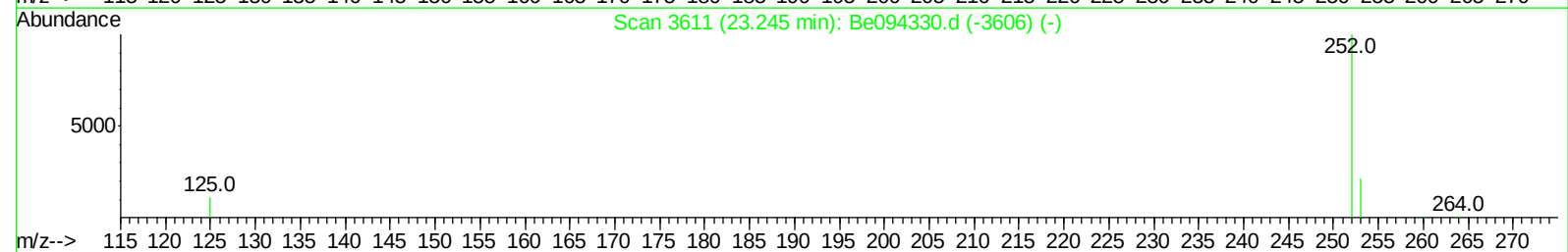
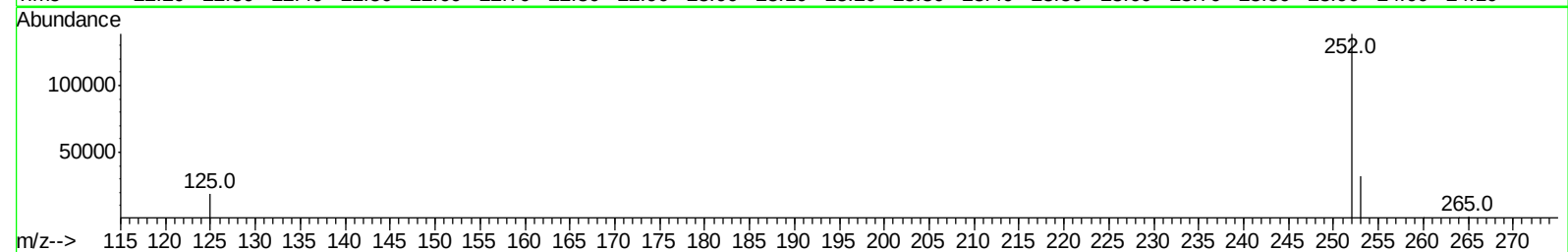
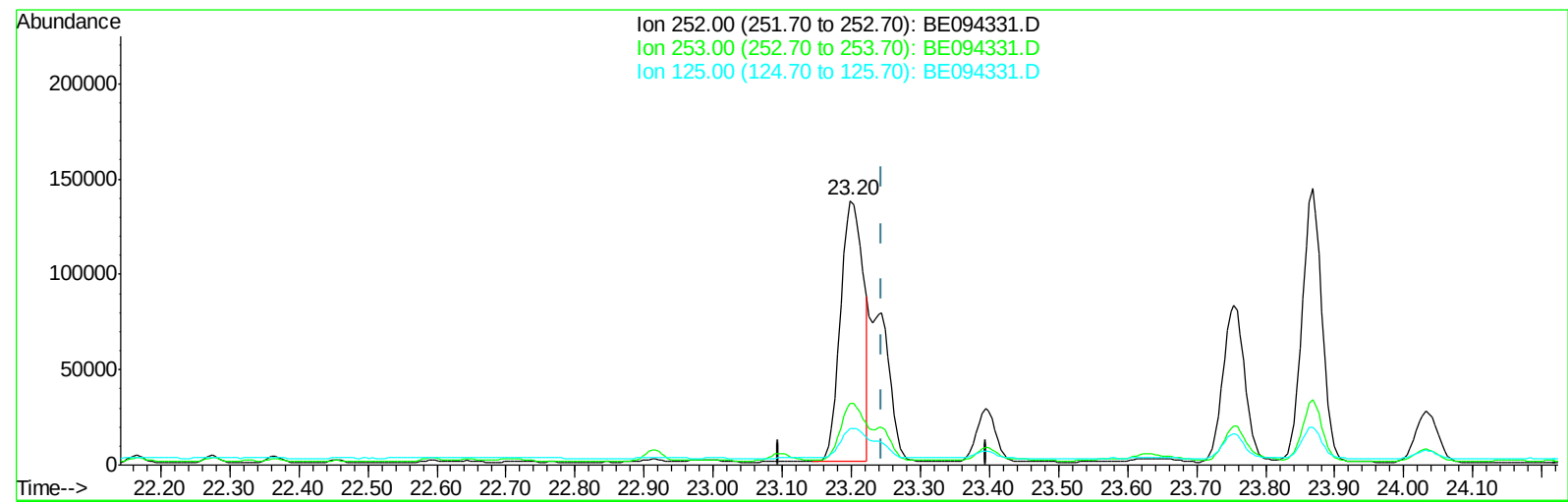
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:53 PM

Quant Time: Oct 14 04:07:17 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: BE094331.D

(22) Benzo(k)fluoranthene

23.199min (-0.047) 10.11ng/ul

response 310271

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.36#
125.00	17.10	13.86
0.00	0.00	0.00

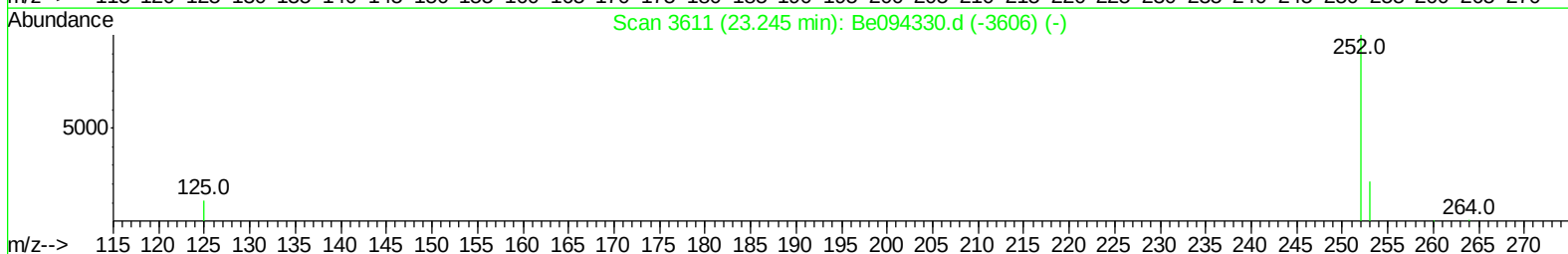
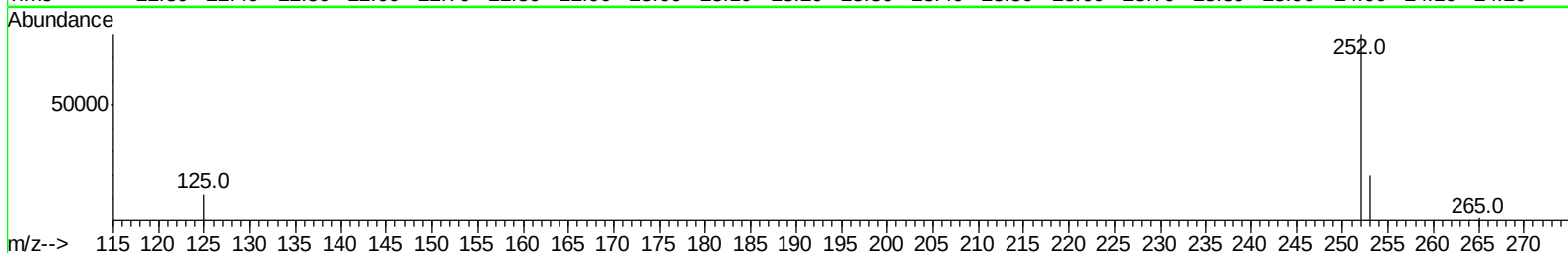
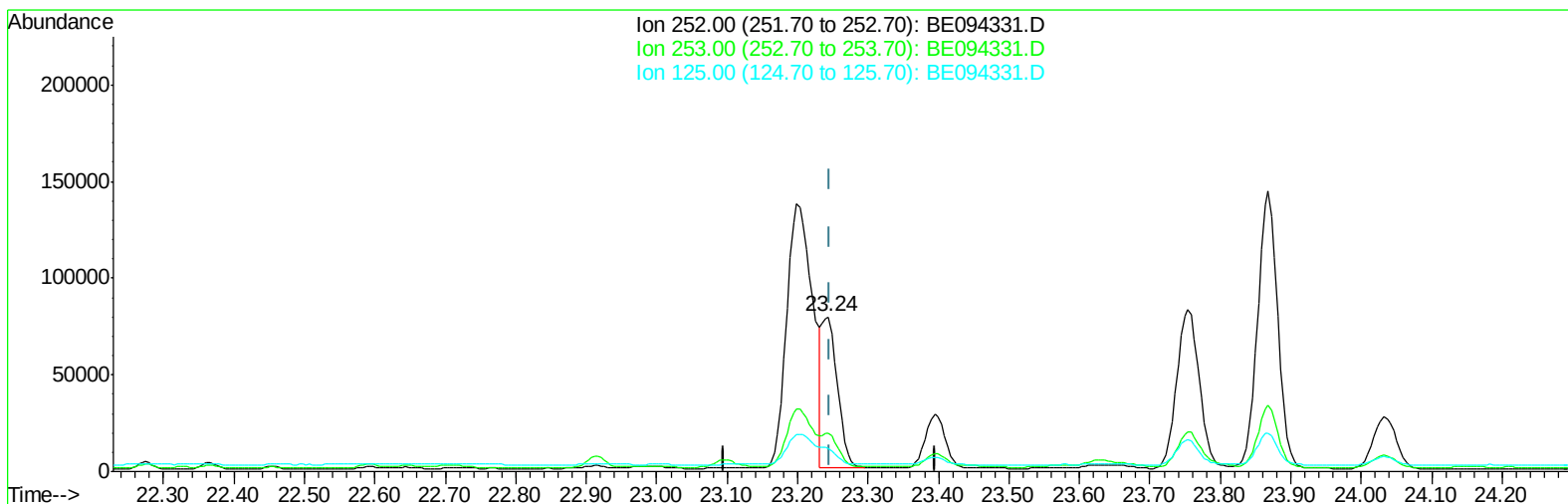
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
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B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 14 04:07:17 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: BE094331.D

(22) Benzo(k)fluoranthene

23.244min (-0.001) 3.96ng/ul m

response 121667

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.91
125.00	17.10	14.90
0.00	0.00	0.00

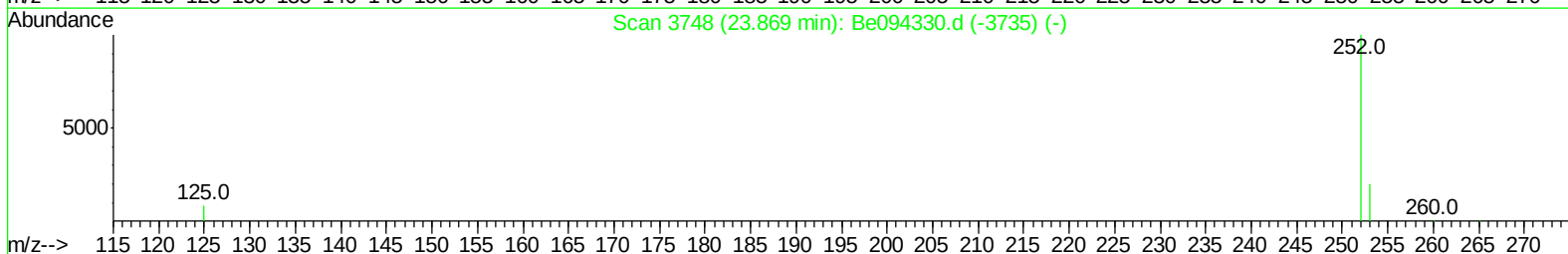
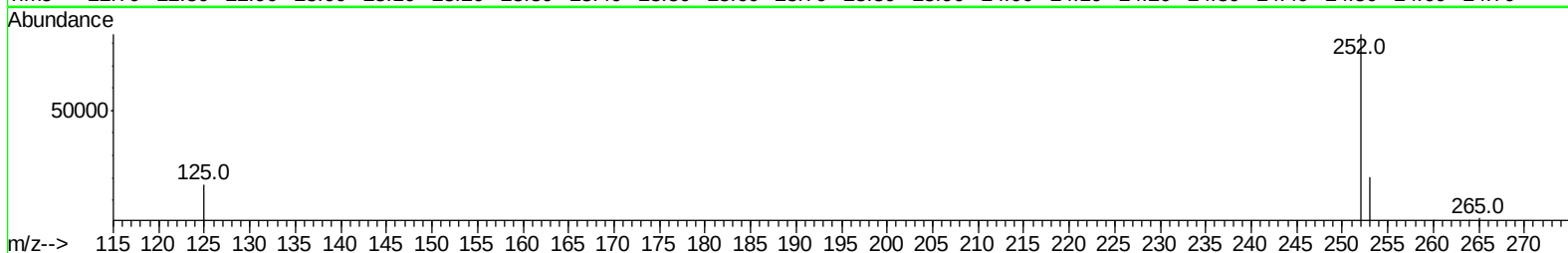
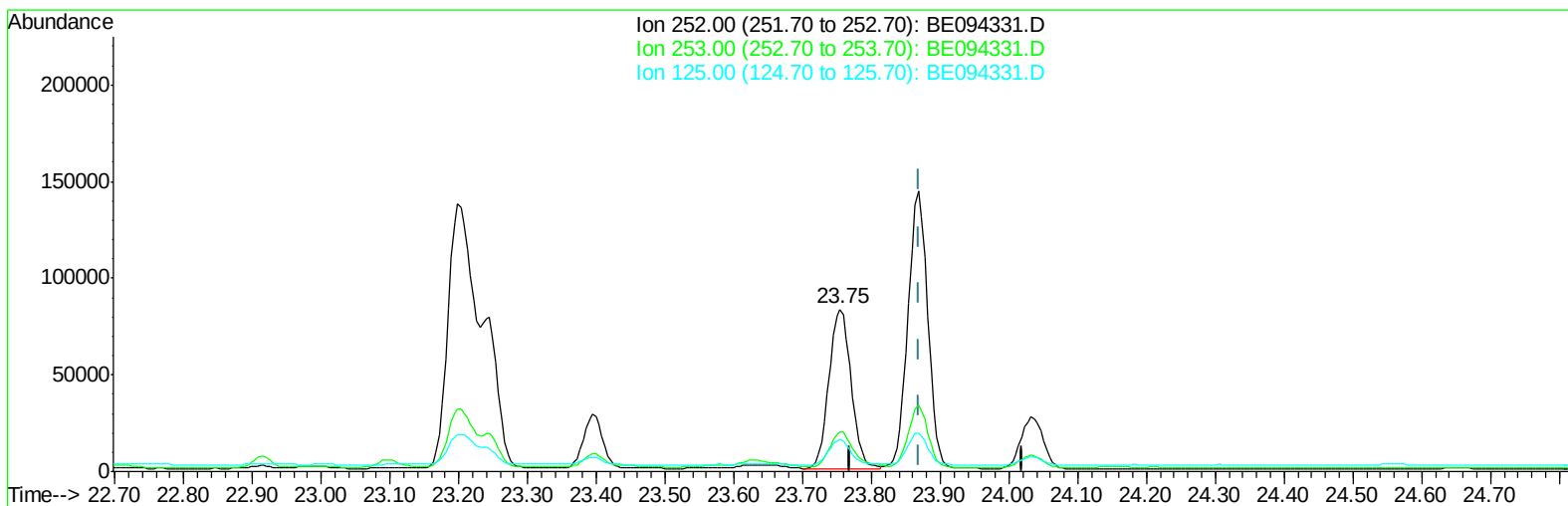
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 14 04:07:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094331.D

(23) Benzo(a)pyrene (C)

23.754min (-0.115) 6.60ng/ul

response 182188

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.01#
125.00	22.60	19.78
0.00	0.00	0.00

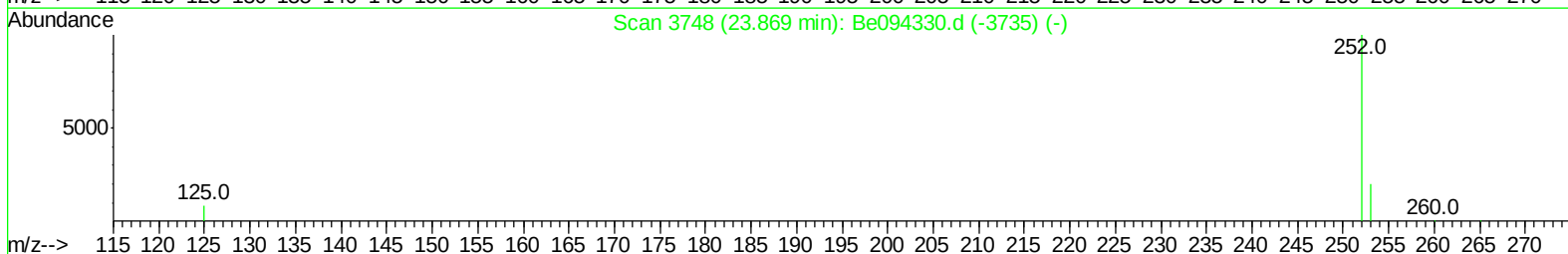
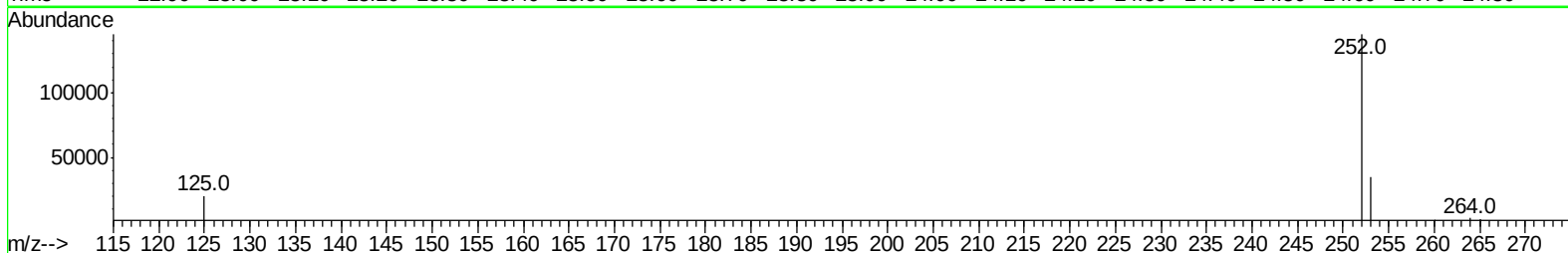
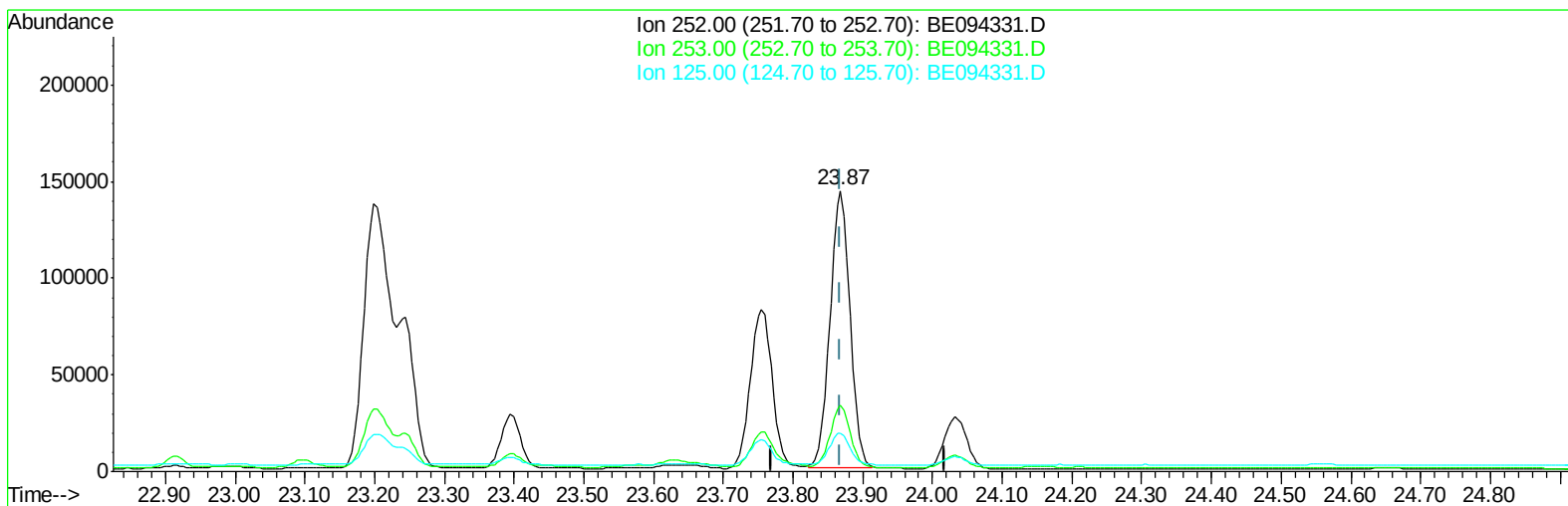
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:53 PM

Quant Time: Oct 14 04:07:17 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: BE094331.D

(23) Benzo(a)pyrene (C)

23.868min (-0.001) 10.23ng/ul m

response 282446

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.81#
125.00	22.60	13.87#
0.00	0.00	0.00

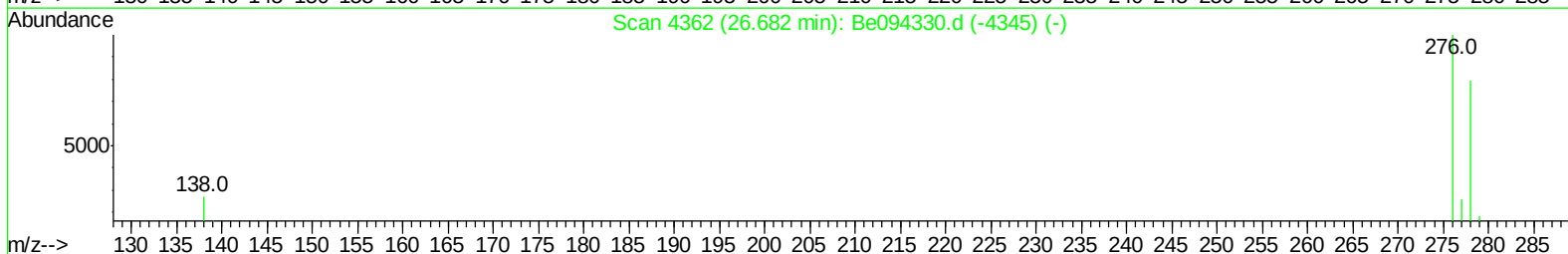
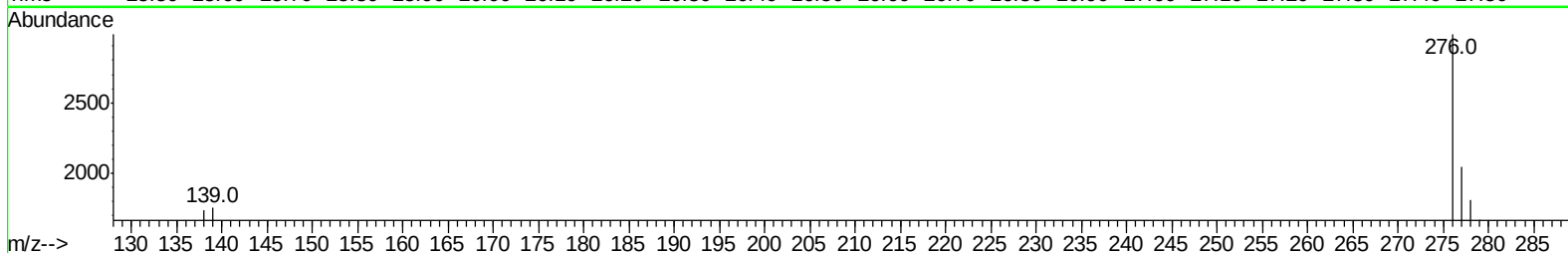
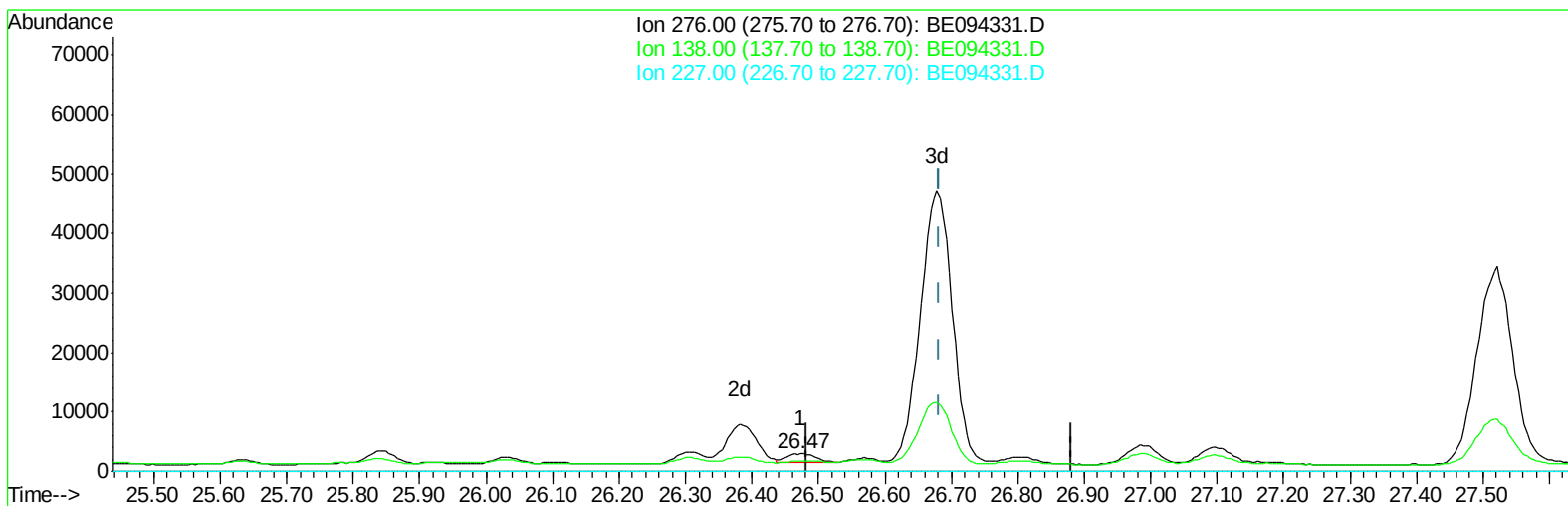
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Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:53 PM

Quant Time: Oct 14 04:07:17 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: BE094331.D

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

26.473min (-0.209) 0.16ng/ul

response 4499

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	27.34#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

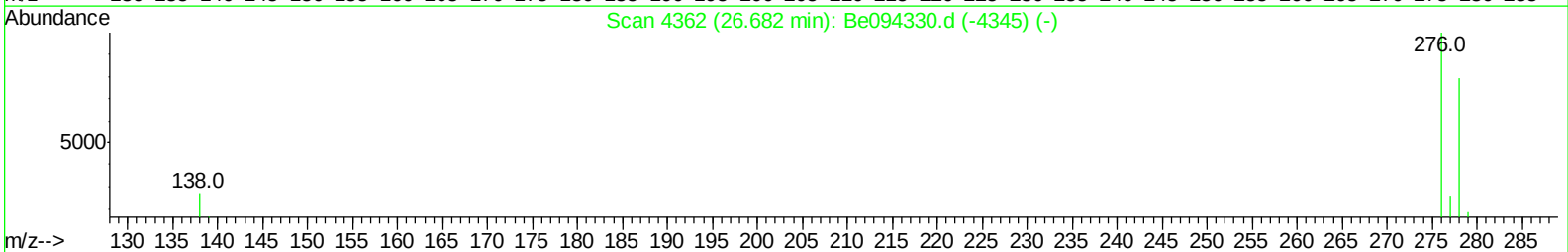
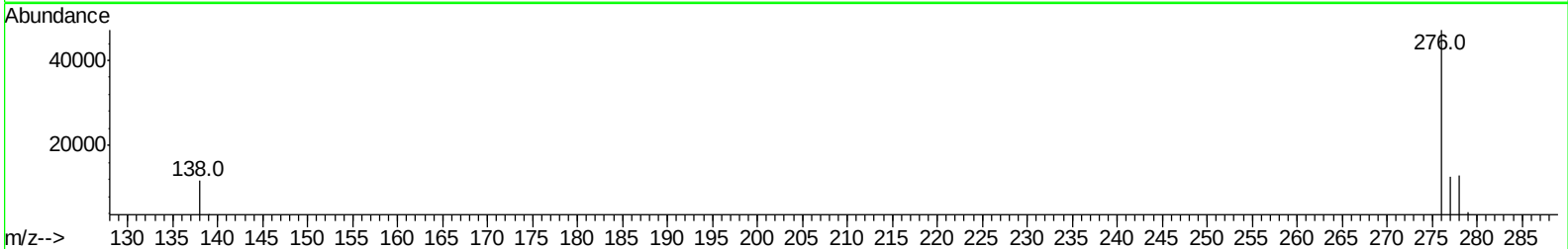
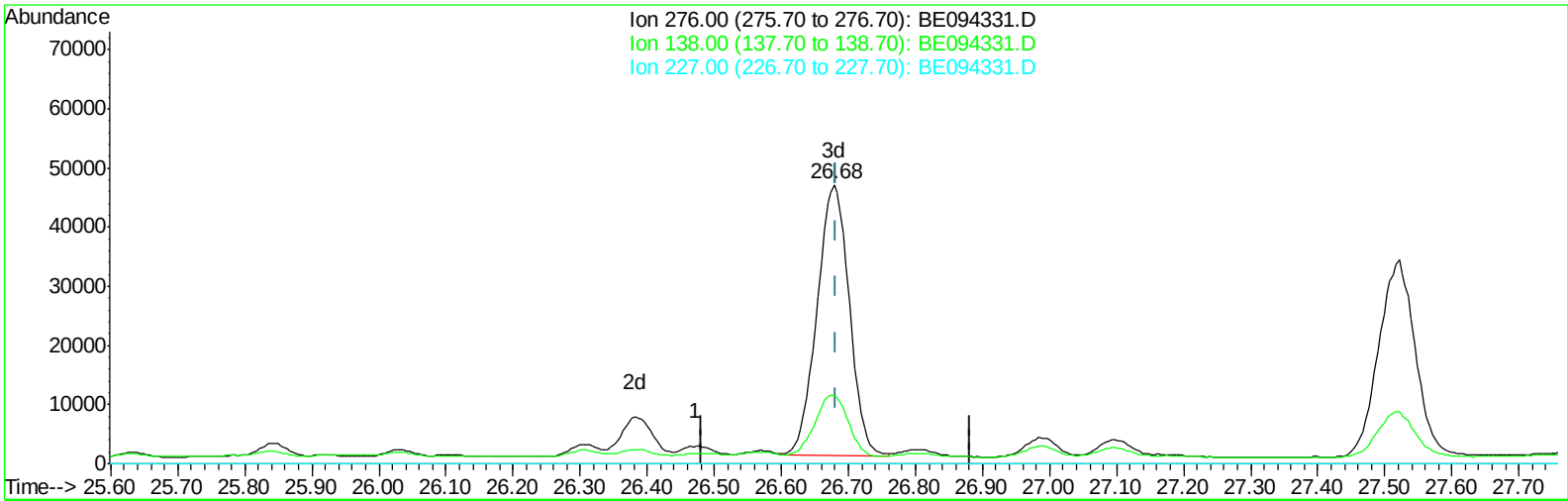
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 Data File : BE094331.D
 Acq On : 13 Oct 2017 20:00
 Operator : SJ/JU
 Sample : I5568-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-51(5-7)-092817

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:22:53 PM

Quant Time: Oct 14 04:07:17 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: BE094331.D

(24) Indeno(1,2,3-cd)pyrene
 26.678min (-0.004) 5.41ng/ul m
 response 152654

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.81#
227.00	10.00	0.00#
0.00	0.00	0.00

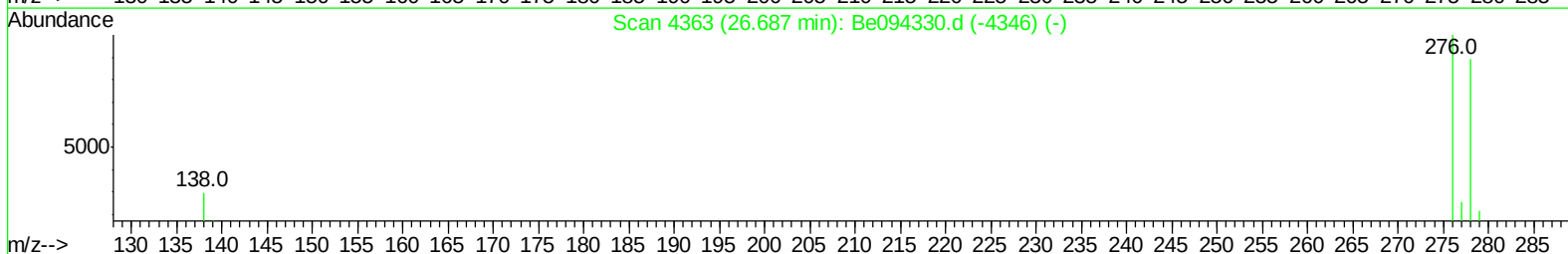
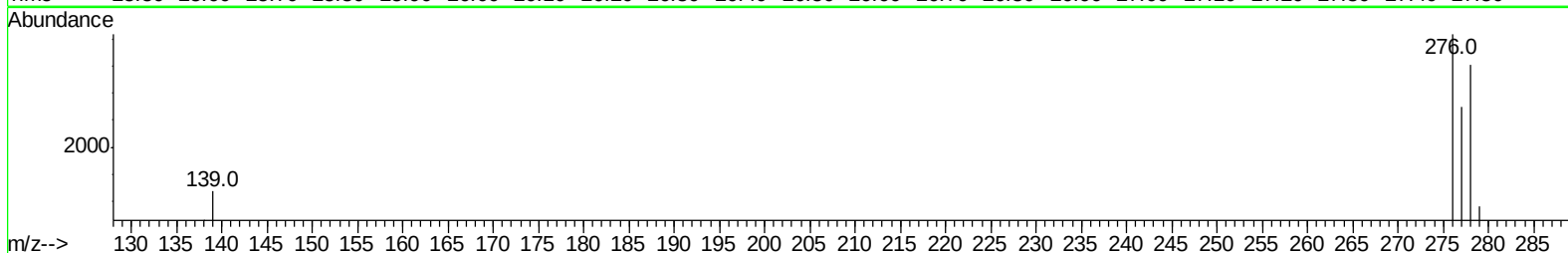
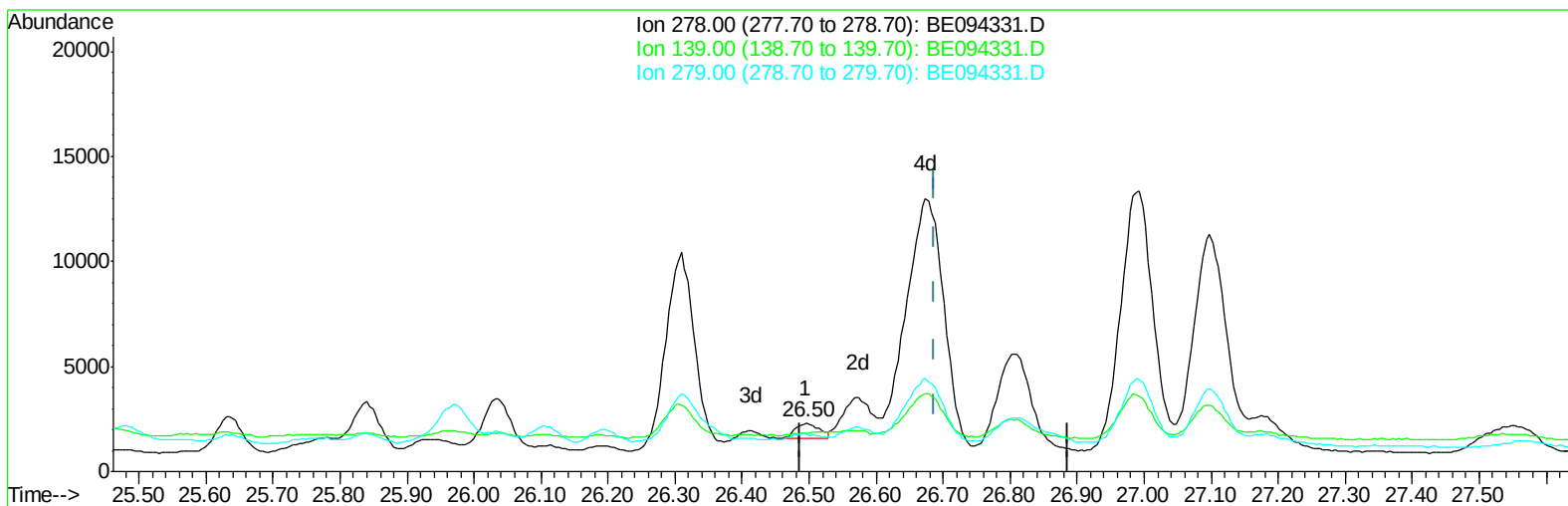
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Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:53 PM

Quant Time: Oct 14 04:07:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Sat Oct 14 03:57:24 2017
Response via : Initial Calibration



TIC: BE094331.D

(25) Dibenzo(a,h)anthracene

26.496min (-0.191) 0.08ng/ul

response 1878

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	79.54#
279.00	32.40	77.20#
0.00	0.00	0.00

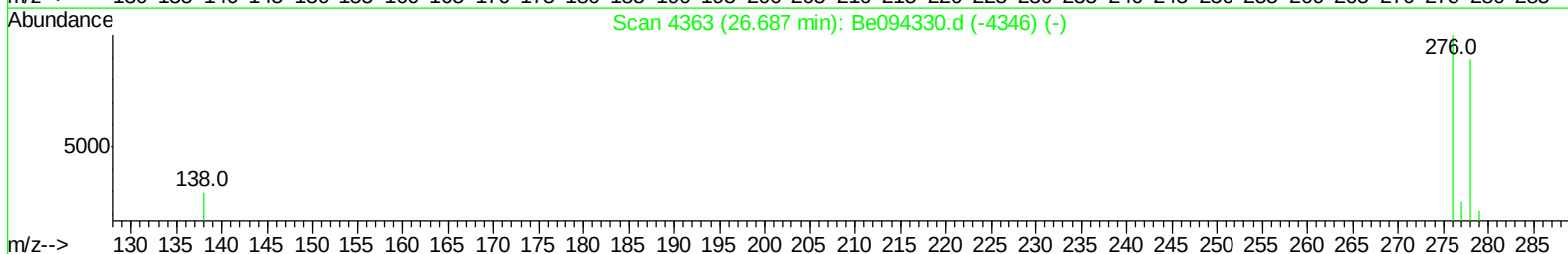
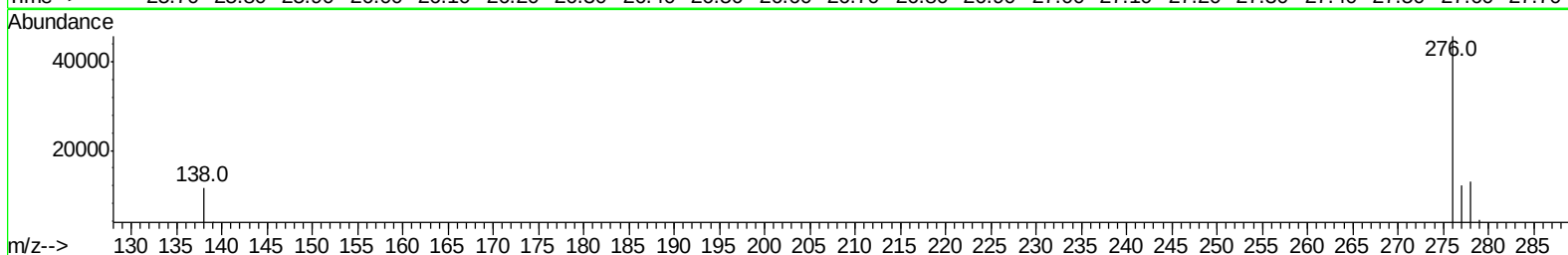
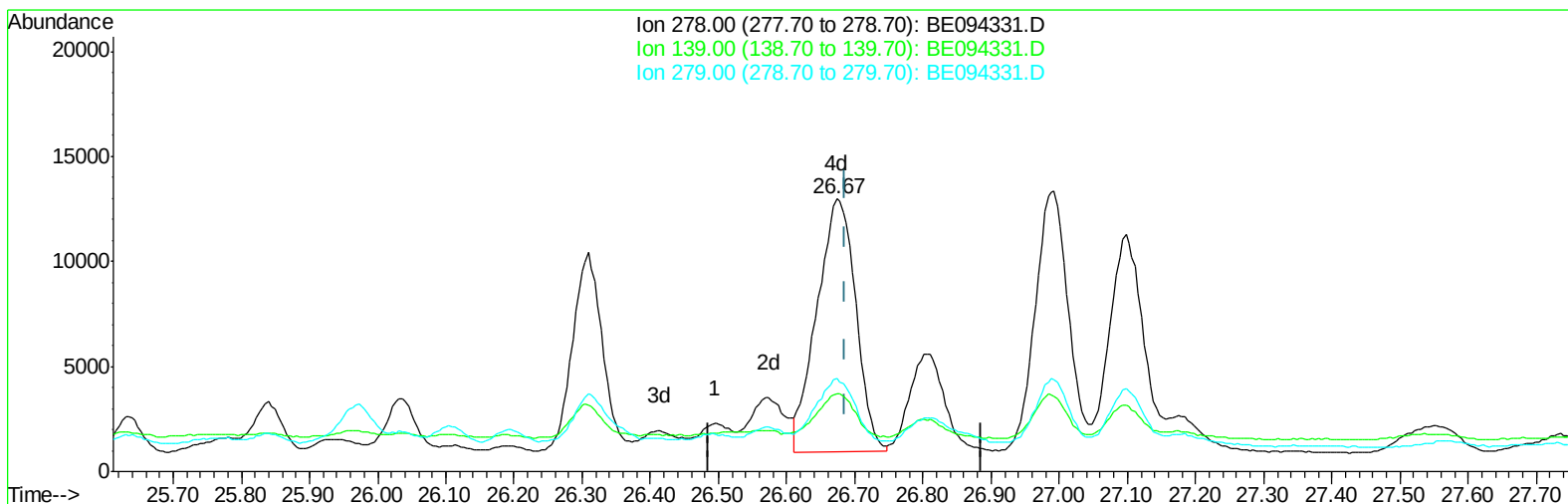
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Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:53 PM

Quant Time: Oct 14 04:07:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Sat Oct 14 03:57:24 2017
Response via : Initial Calibration



TIC: BE094331.D

(25) Dibenzo(a,h)anthracene

26.674min (-0.013) 2.01ng/ul m

response 47544

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	28.56#
279.00	32.40	34.12
0.00	0.00	0.00

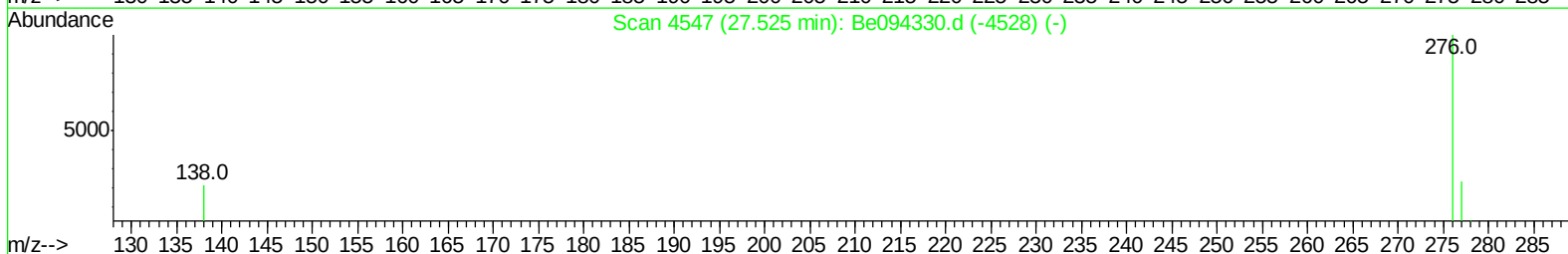
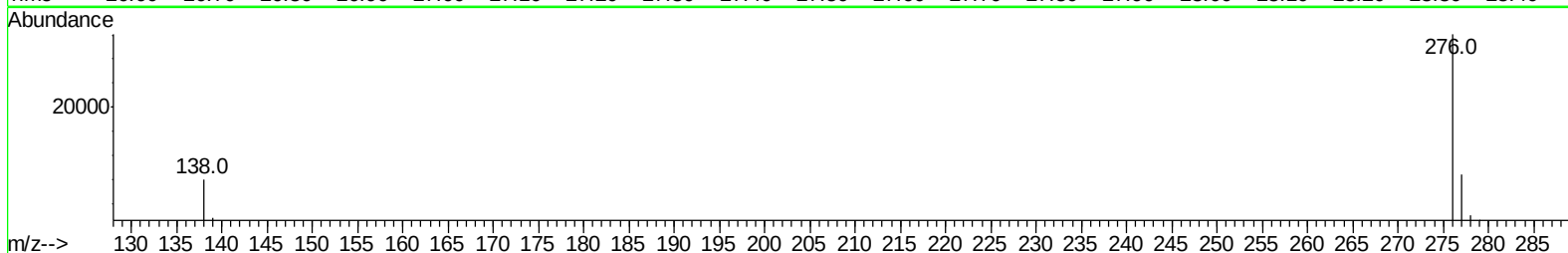
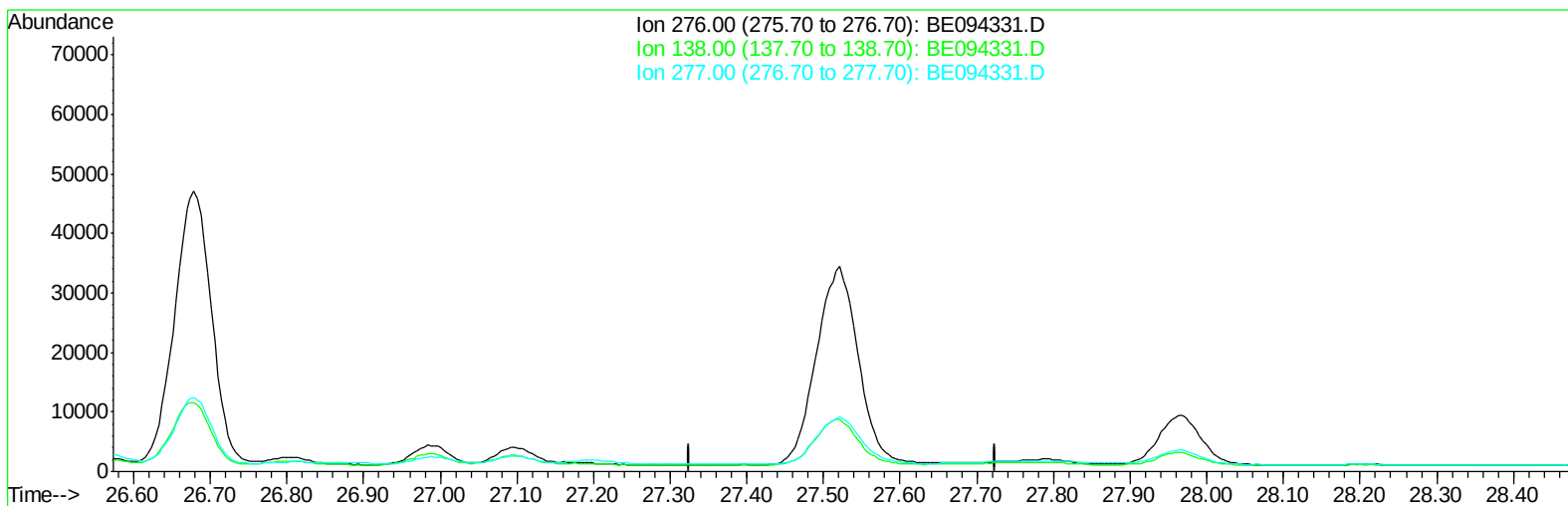
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Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
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B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 14 04:07:17 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE094331.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

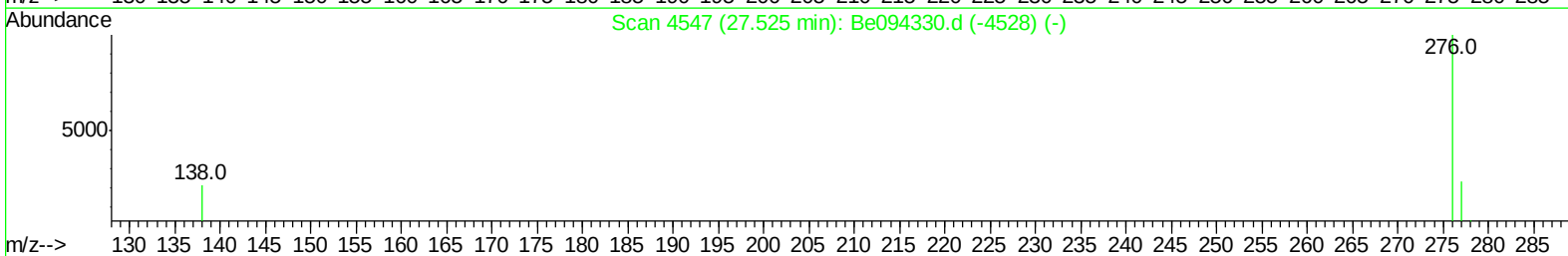
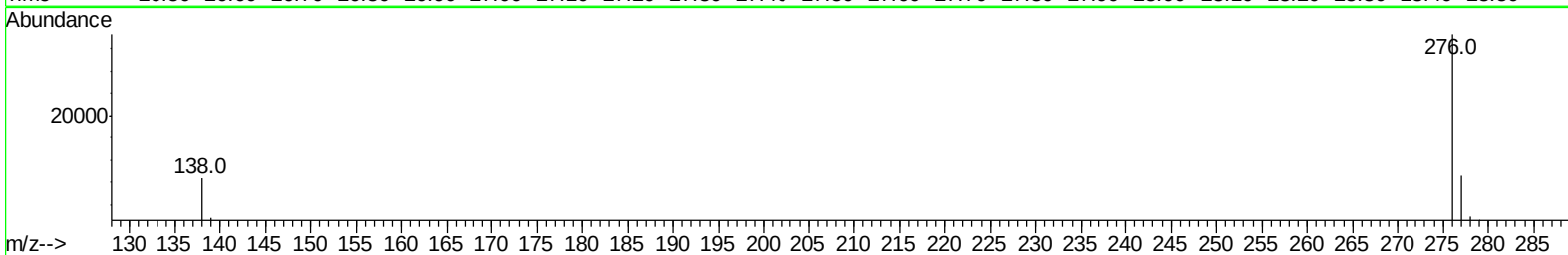
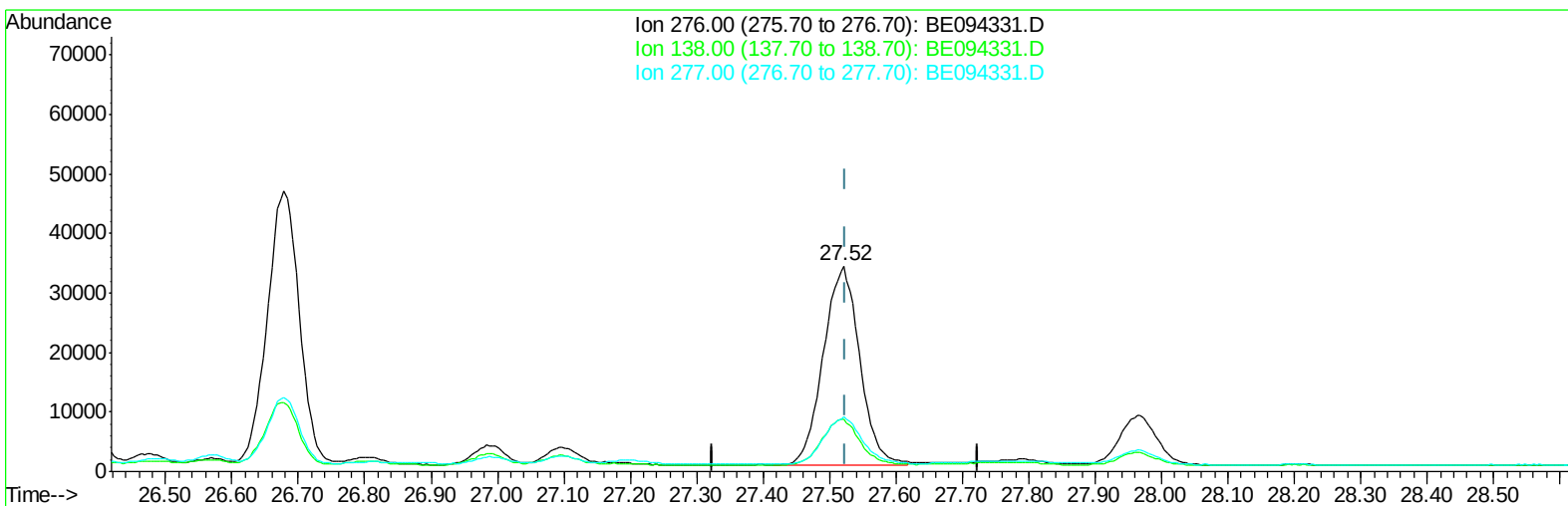
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Data File : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 14 04:07:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094331.D

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

27.521min (-0.004) 5.29ng/ul m

response 128851

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.32
277.00	25.60	26.52
0.00	0.00	0.00

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-51(5-7)-092817

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:22:53 PM

Quant Time: Oct 14 04:10:57 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	1620	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4734	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9651	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9068	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	9778m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3535	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	8093	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	135257	6.996	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	44341	3.535	ng/ul	99
7) Acenaphthylene	14.26	152	45417	2.461	ng/ul	97
8) Acenaphthene	14.60	153	9451	0.622	ng/ul	98
9) Fluorene	15.58	166	11239	0.632	ng/ul	92
12) Phenanthrene	17.31	178	238757	9.467	ng/ul#	89
13) Anthracene	17.40	178	84592	3.449	ng/ul#	89
15) Fluoranthene	19.33	202	629941	19.010	ng/ul	84
17) Pyrene	19.69	202	805750	31.936	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	373390	15.521	ng/ul#	87
19) Chrysene	21.48	228	350670	12.623	ng/ul	98
21) Benzo(b)fluoranthene	23.20	252	331142	12.467	ng/ul	87
22) Benzo(k)fluoranthene	23.24	252	121667m	3.963	ng/ul	
23) Benzo(a)pyrene	23.87	252	282446m	10.233	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.68	276	152654m	5.406	ng/ul	
25) Dibenzo(a,h)anthracene	26.67	278	47544m	2.008	ng/ul	
26) Benzo(a,h,i)perylene	27.52	276	128851m	5.291	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 : BE094331.D
Acq On : 13 Oct 2017 20:00
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(5-7)-092817

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:53 PM

Quant Time: Oct 14 04:10:57 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

