

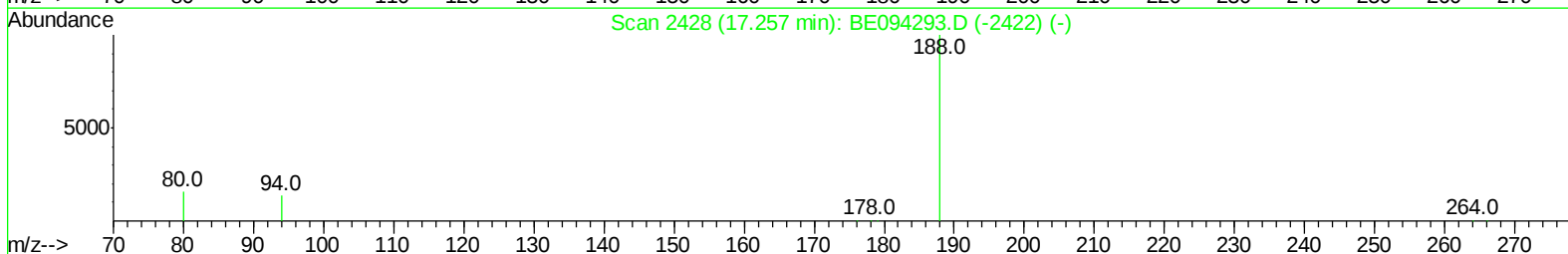
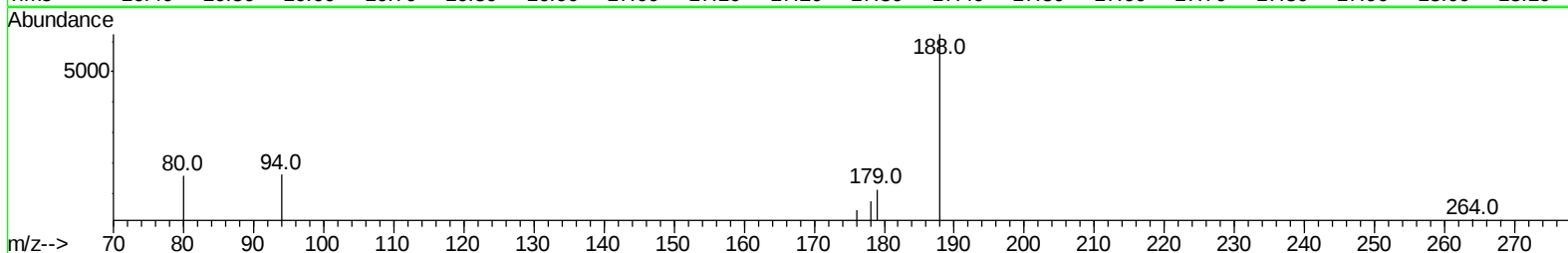
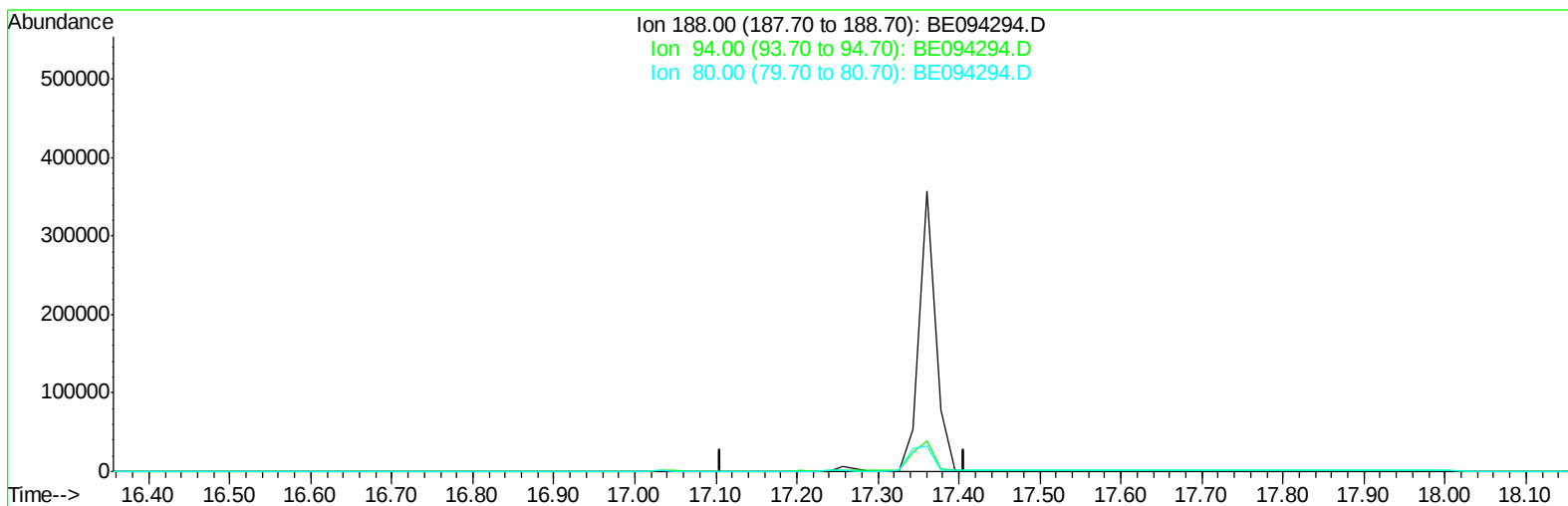
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 08:57:48 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

(10) Phenanthrene-d10 (I)

17.257min (-17.257) 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

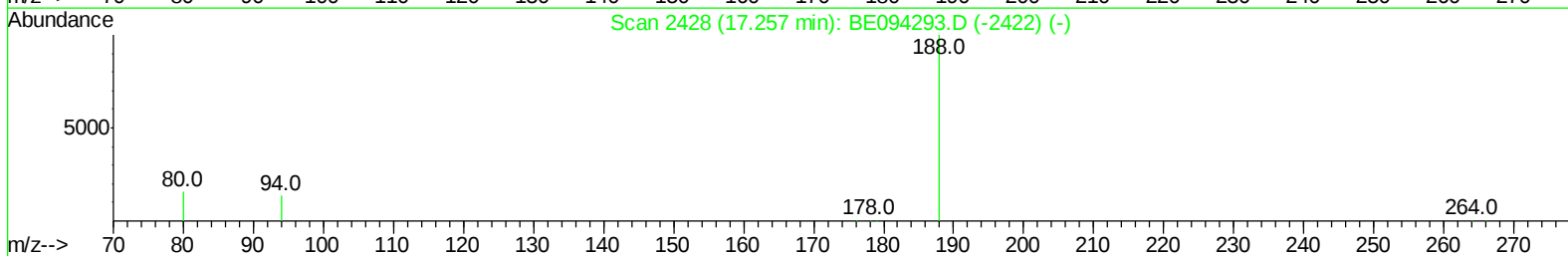
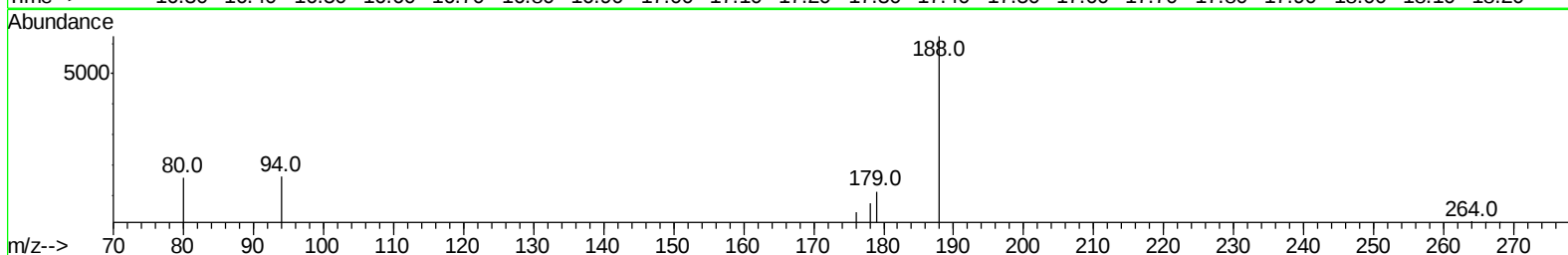
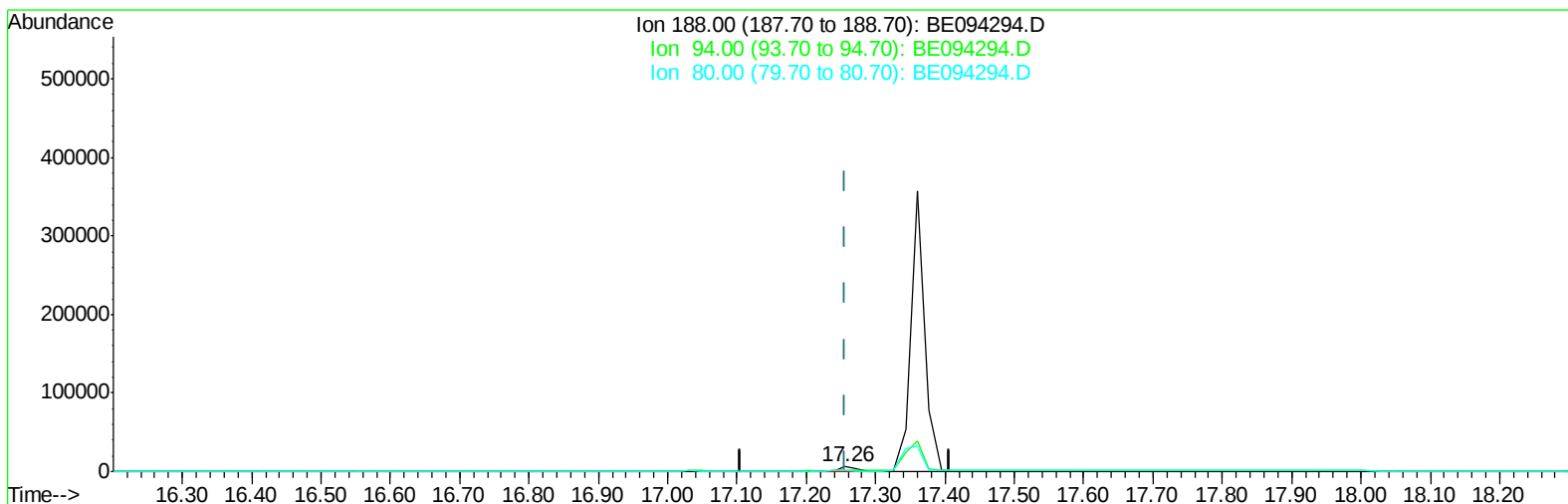
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 08:57:48 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

(10) Phenanthrene-d10 (I)

17.256min (-0.000) 0.40ng/ul m

response 10393

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	25.82#
80.00	11.80	25.21#
0.00	0.00	0.00

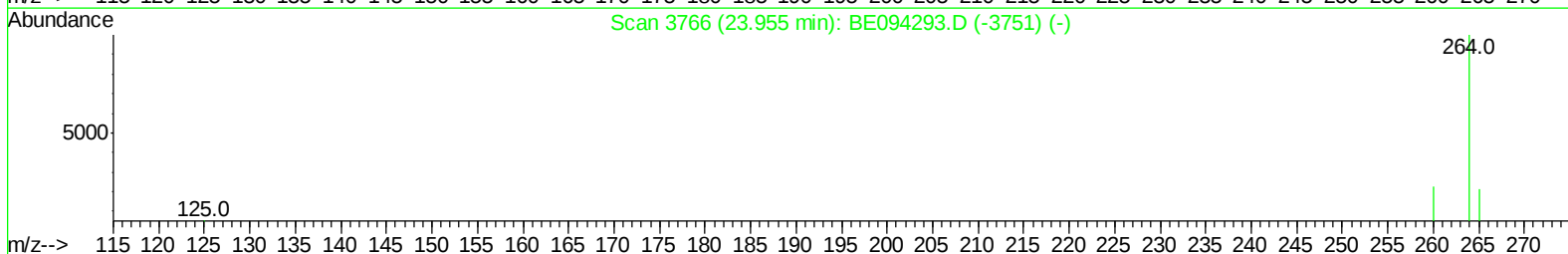
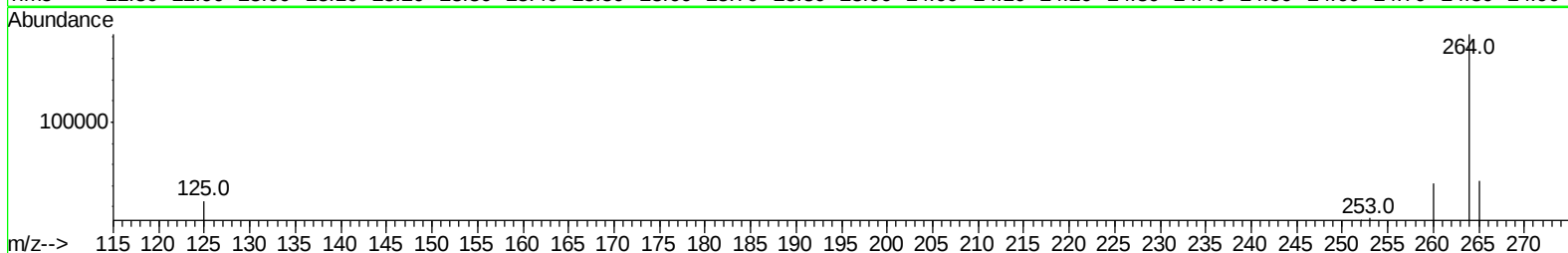
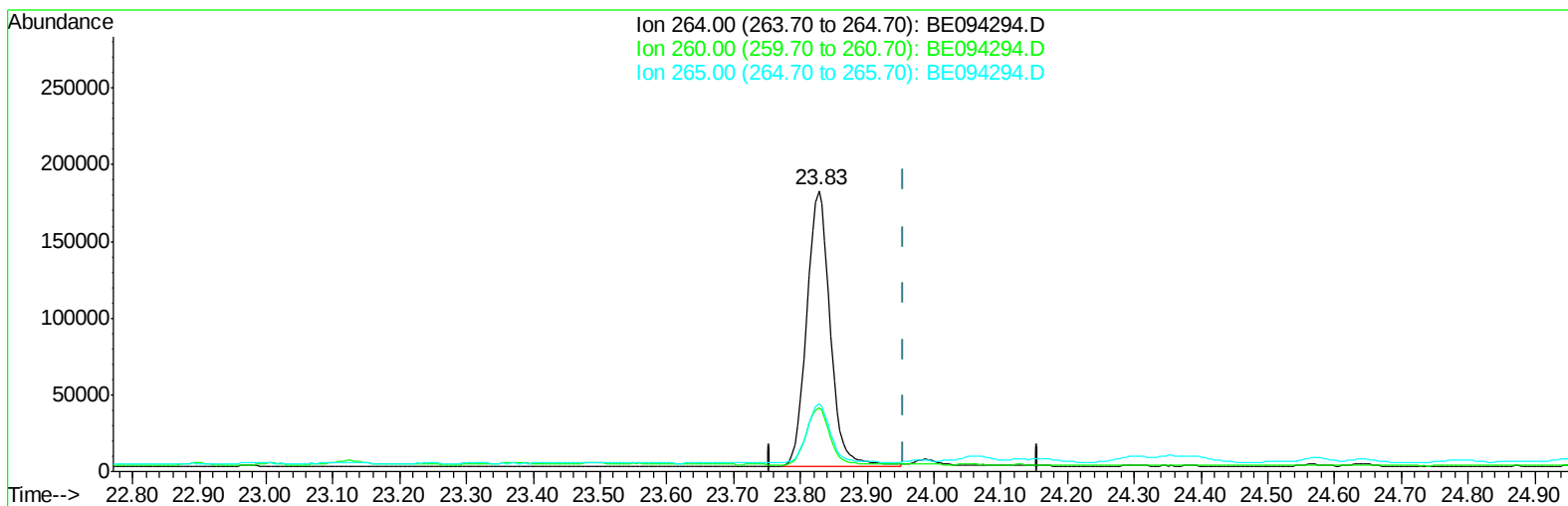
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:01:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

(20) Perylene-d12 (I)

23.828min (-0.128) 0.40ng/ul

response 434584

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.87#
265.00	103.50	24.22#
0.00	0.00	0.00

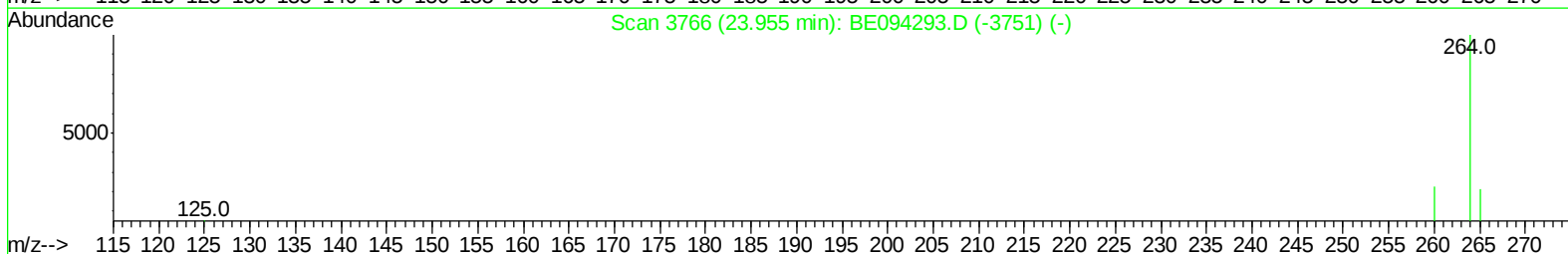
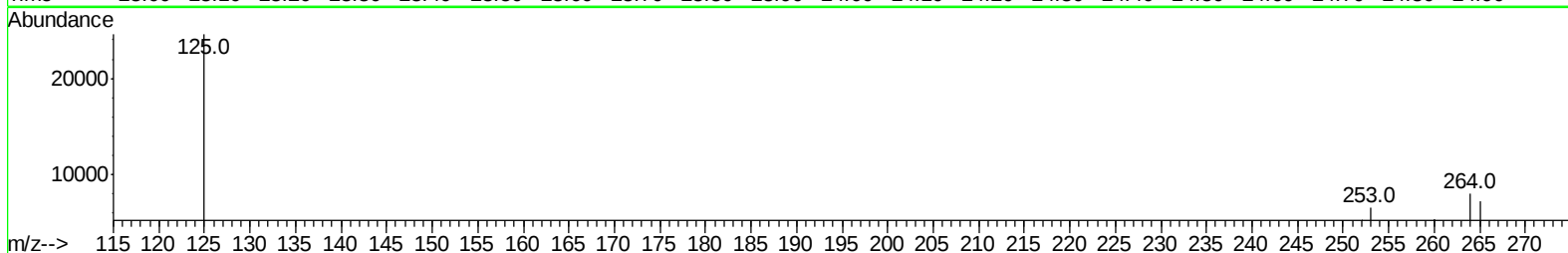
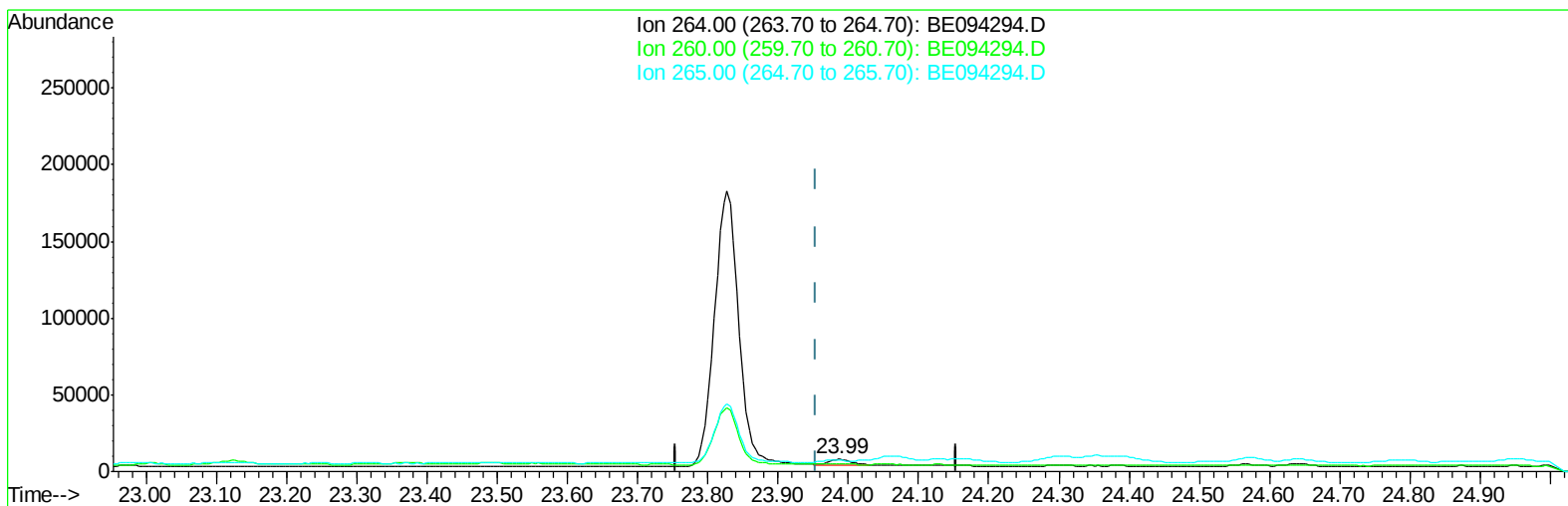
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:01:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

(20) Perylene-d12 (I)

23.987min (+0.032) 0.40ng/ul m

response 9069

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	67.46#
265.00	103.50	90.78
0.00	0.00	0.00

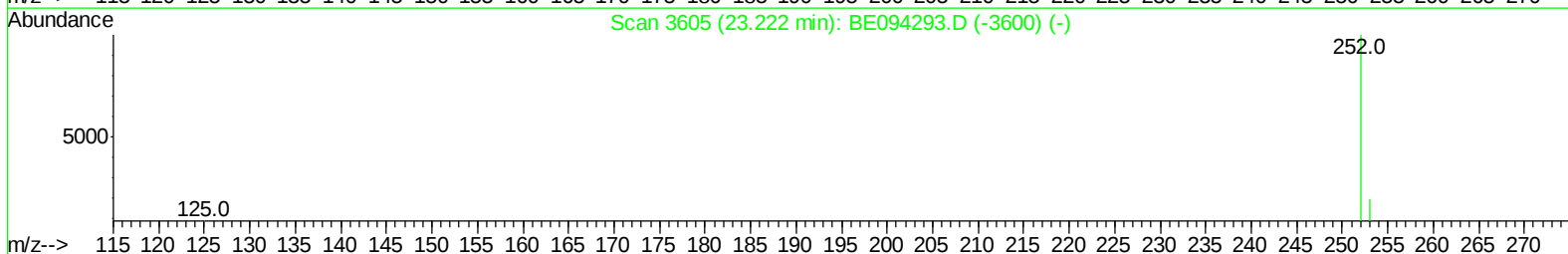
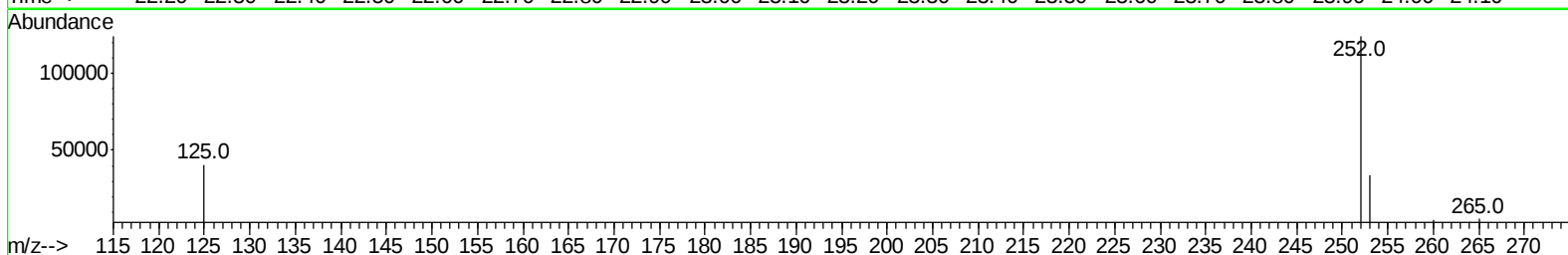
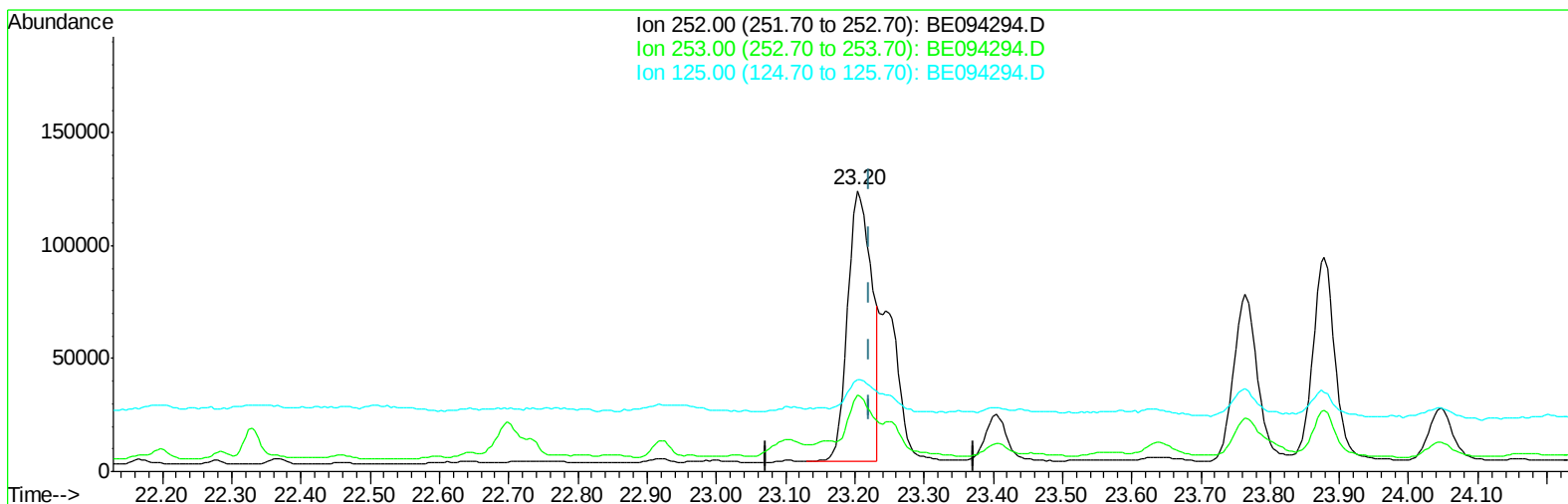
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

(22) Benzo(k)fluoranthene

23.204min (-0.019) 10.05ng/ul

response 286267

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.12
125.00	17.10	32.84#
0.00	0.00	0.00

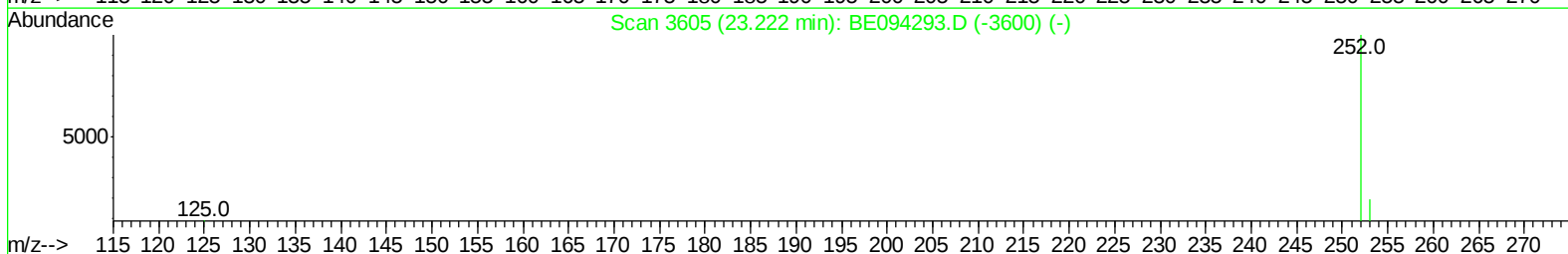
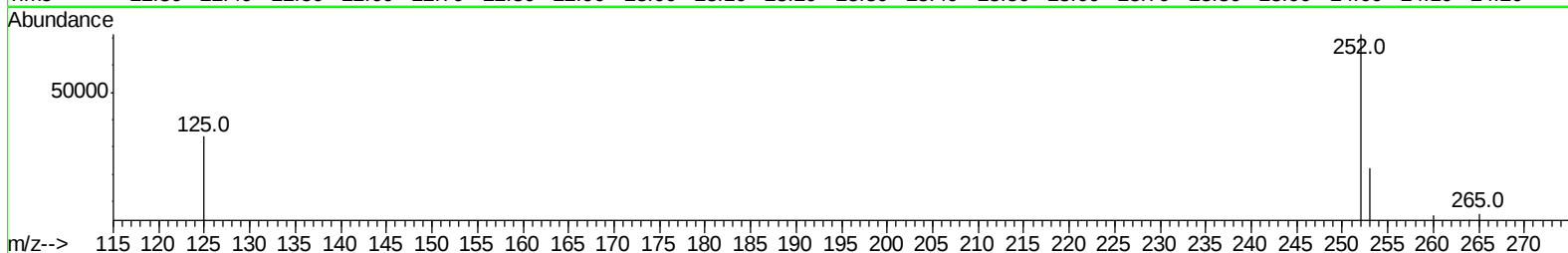
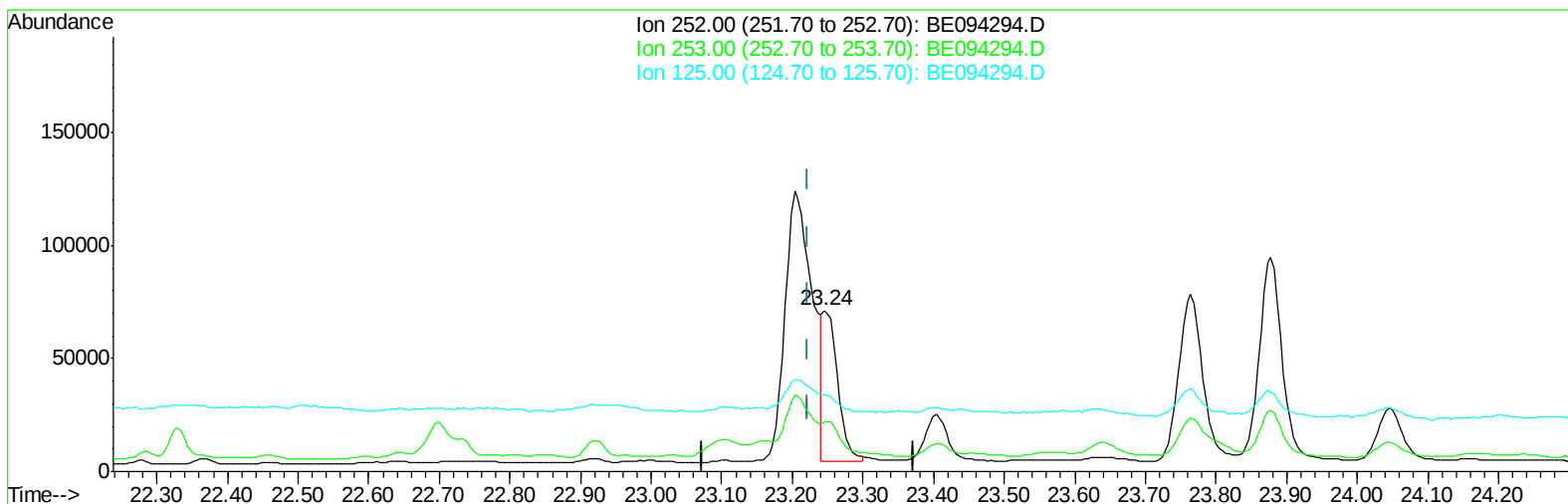
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

(22) Benzo(k)fluoranthene

23.245min (+0.022) 3.44ng/ul m

response 98059

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.90
125.00	17.10	47.54#
0.00	0.00	0.00

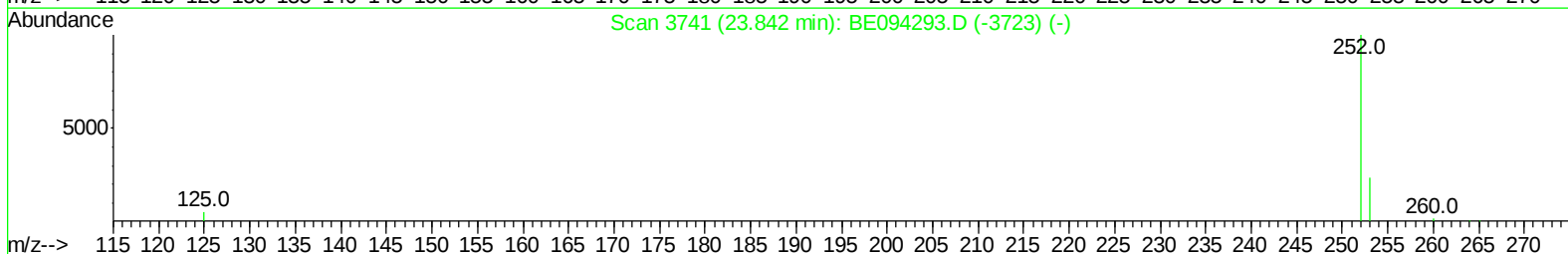
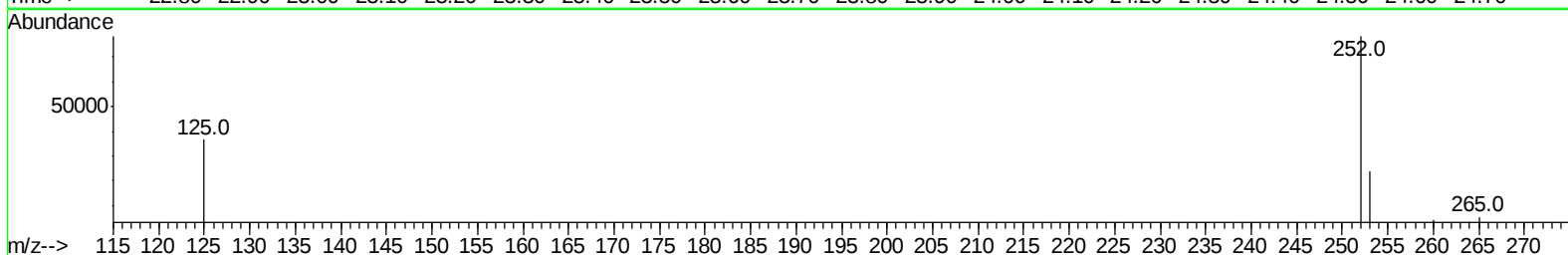
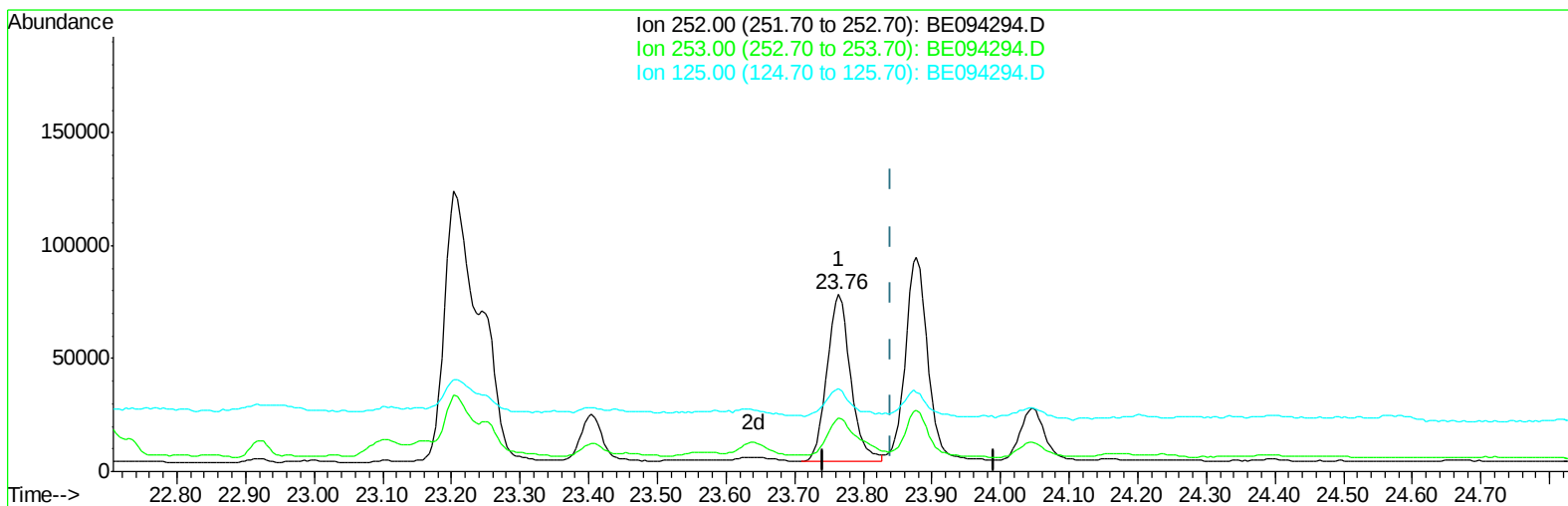
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 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: BE094294.D

(23) Benzo(a)pyrene (C)

23.764min (-0.078) 6.96ng/ul

response 178166

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	30.42
125.00	22.60	46.67#
0.00	0.00	0.00

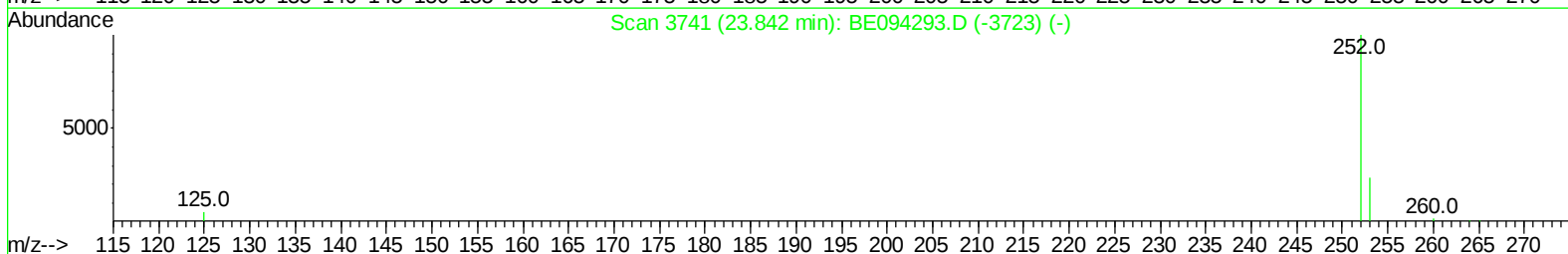
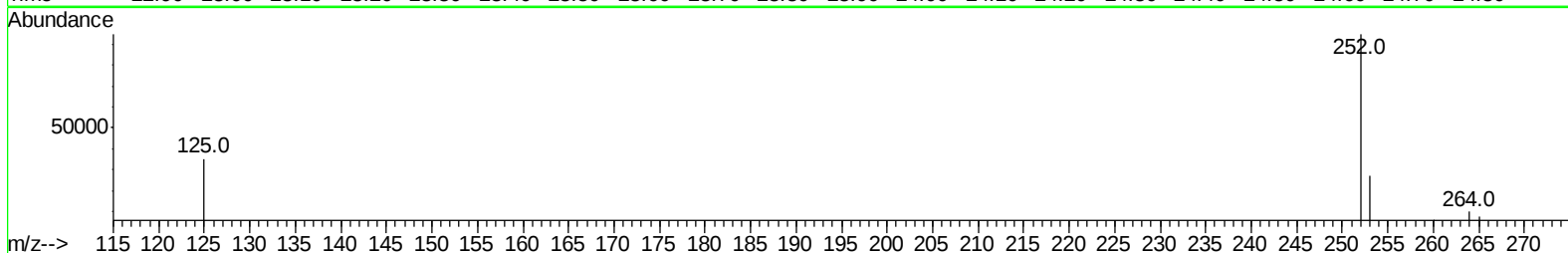
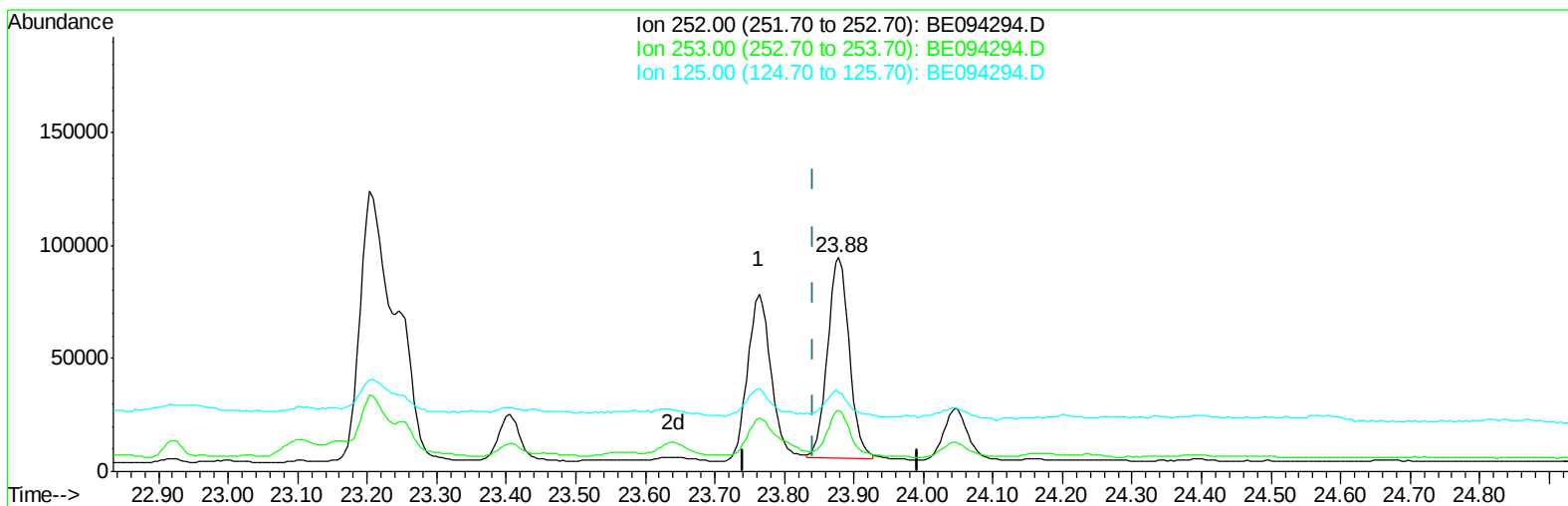
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

(23) Benzo(a)pyrene (C)

23.878min (+0.036) 7.53ng/ul m

response 192706

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.86
125.00	22.60	36.96#
0.00	0.00	0.00

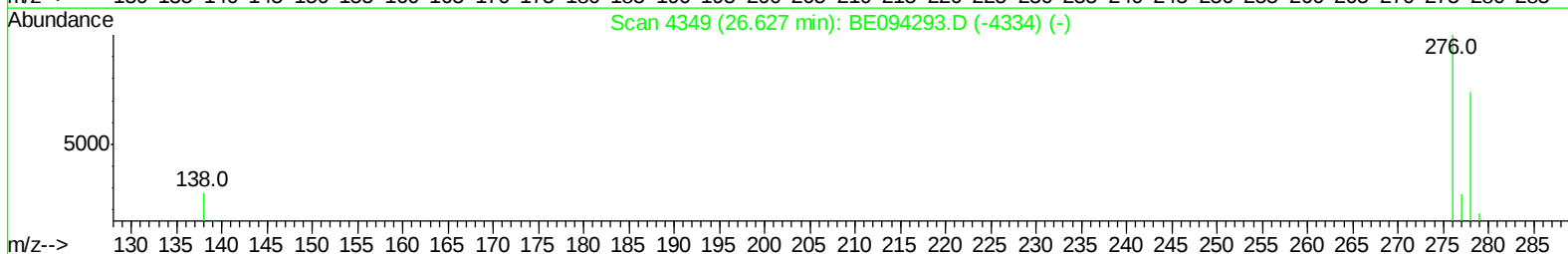
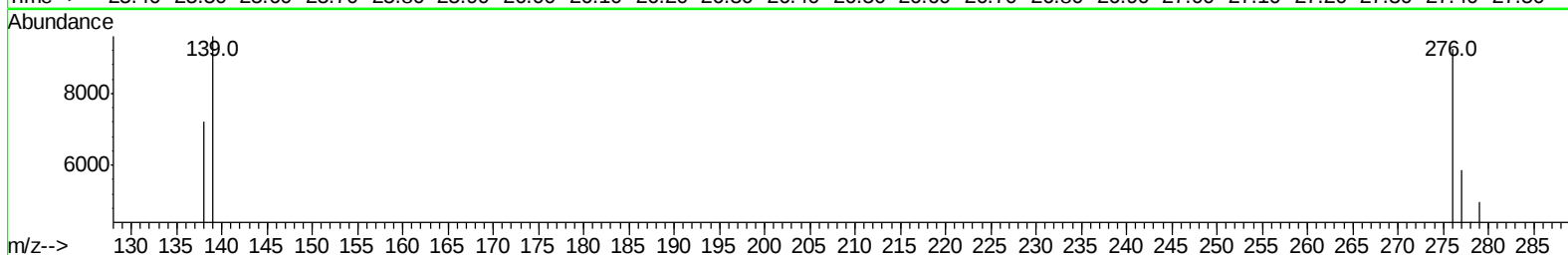
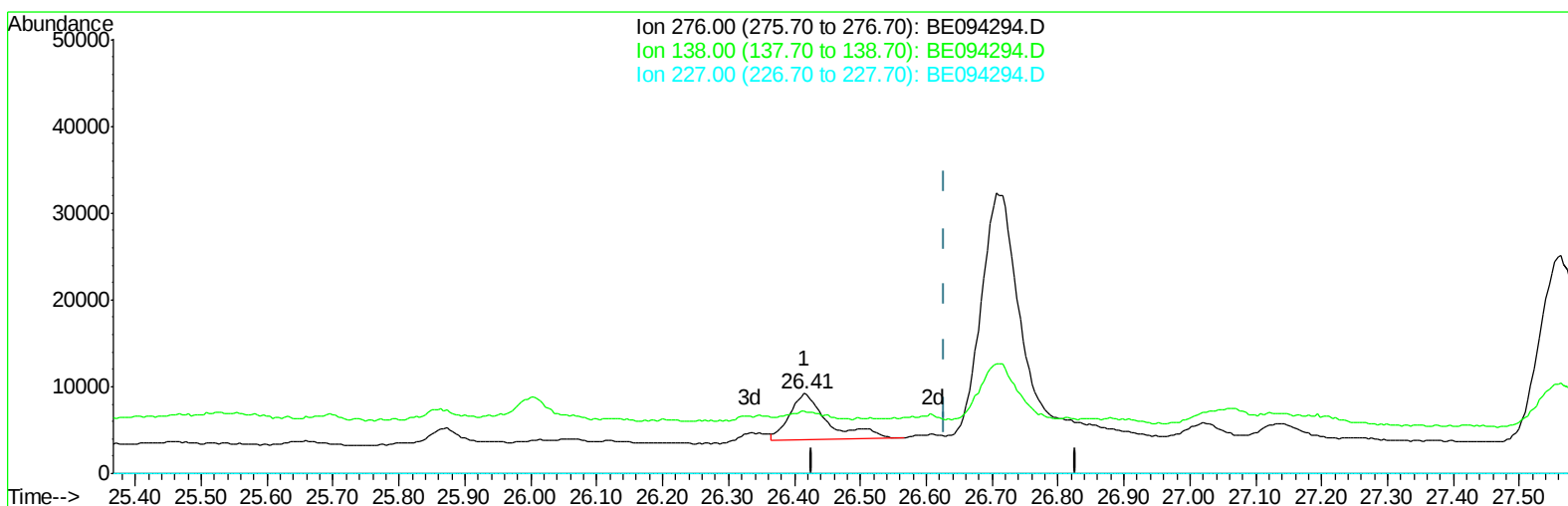
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 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: BE094294.D

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

26.415min (-0.213) 0.83ng/ul

response 21742

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	15.76#
227.00	10.00	0.00#
0.00	0.00	0.00

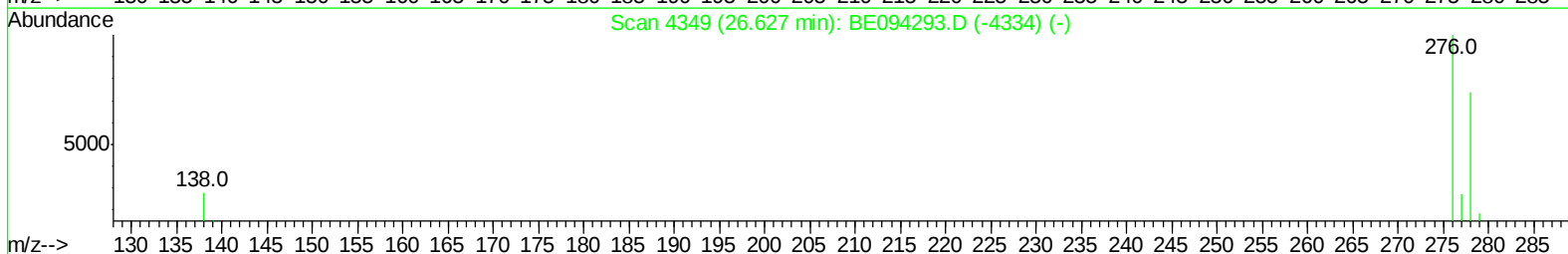
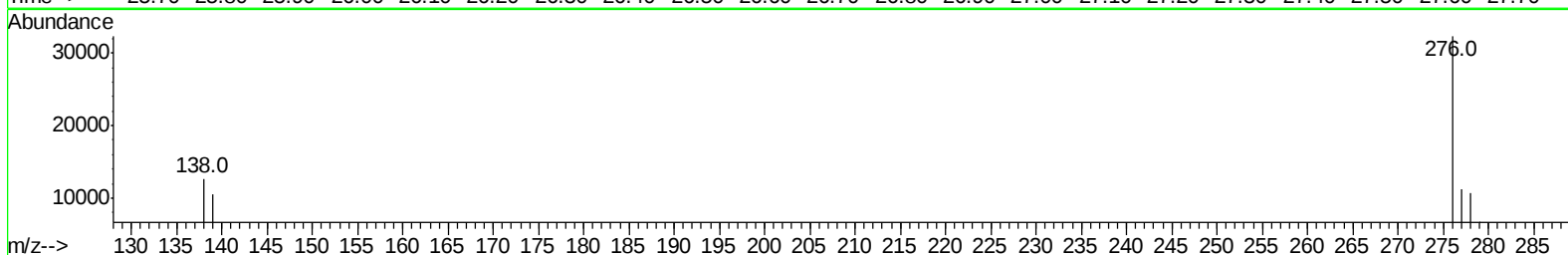
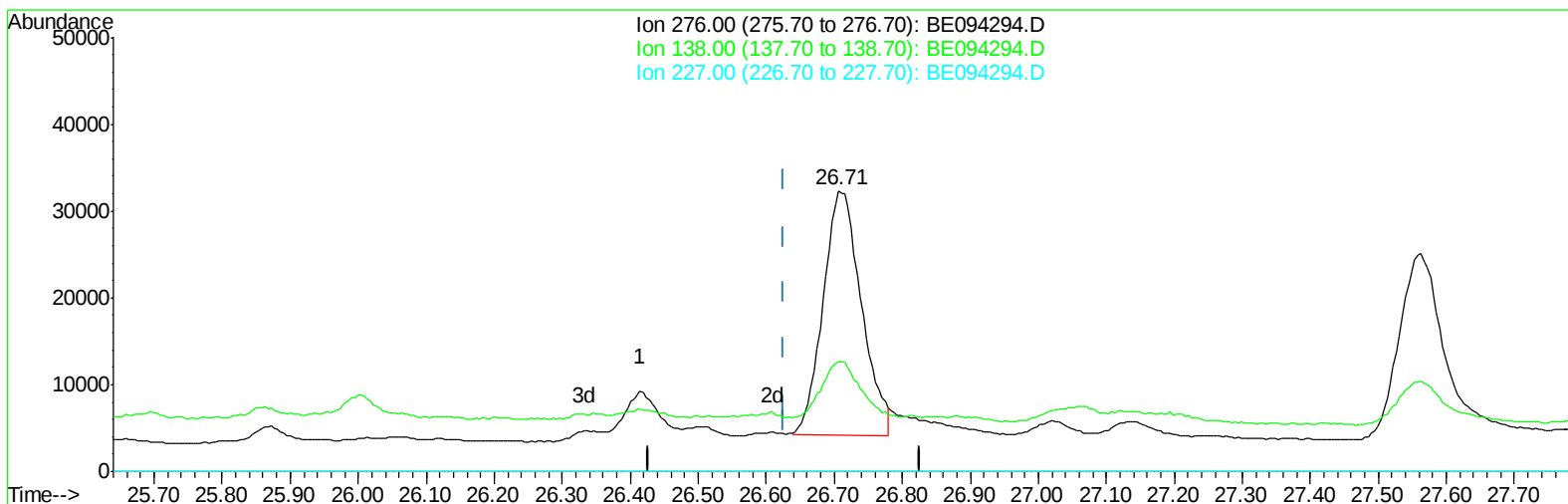
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

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

26.706min (+0.079) 4.21ng/ul m

response 110254

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.11#
227.00	10.00	0.00#
0.00	0.00	0.00

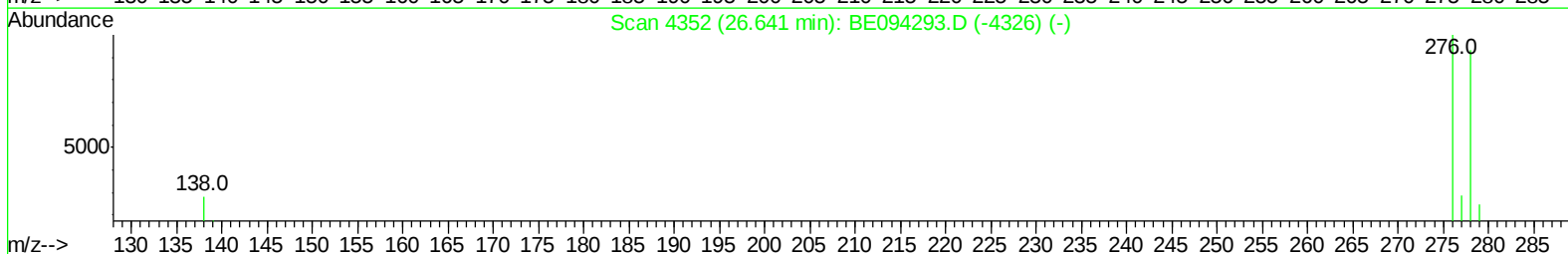
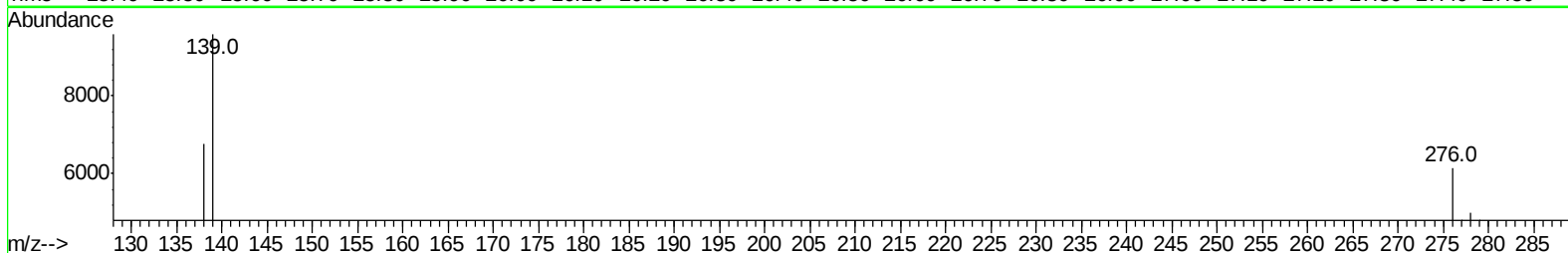
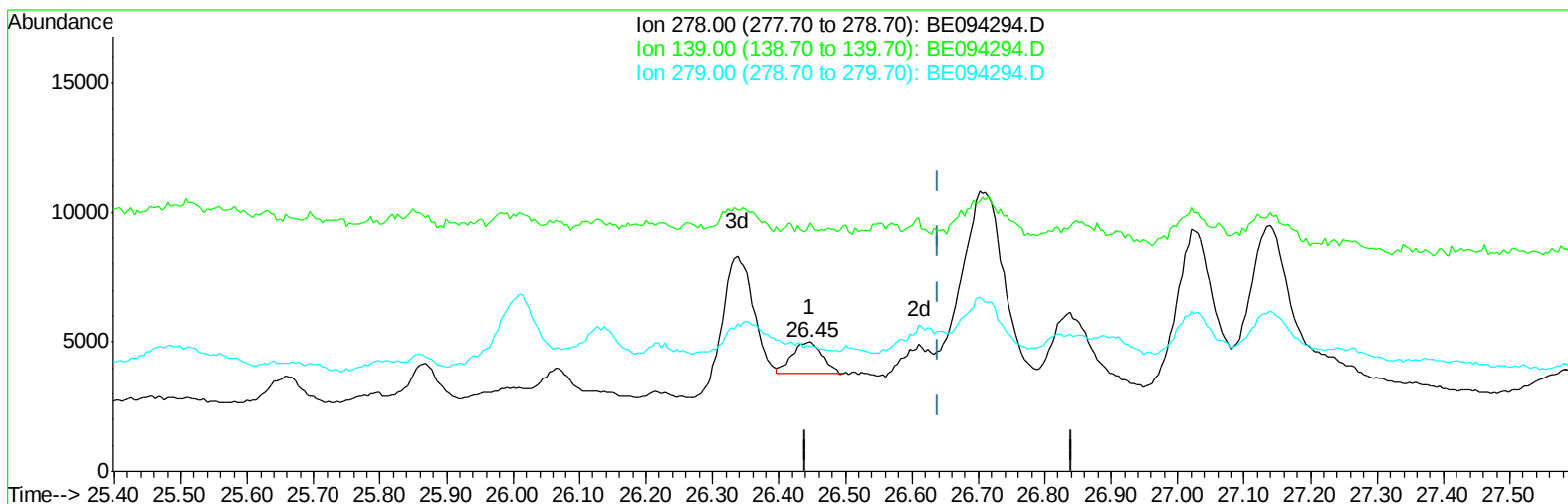
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

(25) Dibenzo(a,h)anthracene

26.446min (-0.195) 0.17ng/ul

response 3835

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	191.91#
279.00	32.40	96.32#
0.00	0.00	0.00

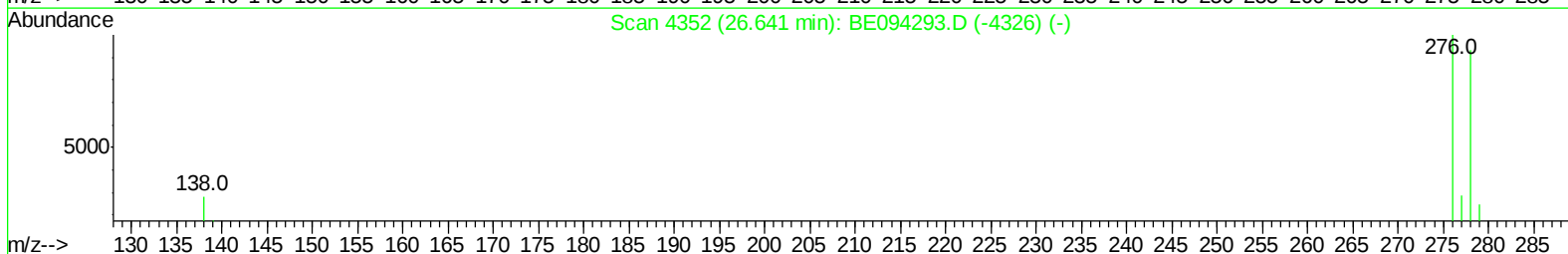
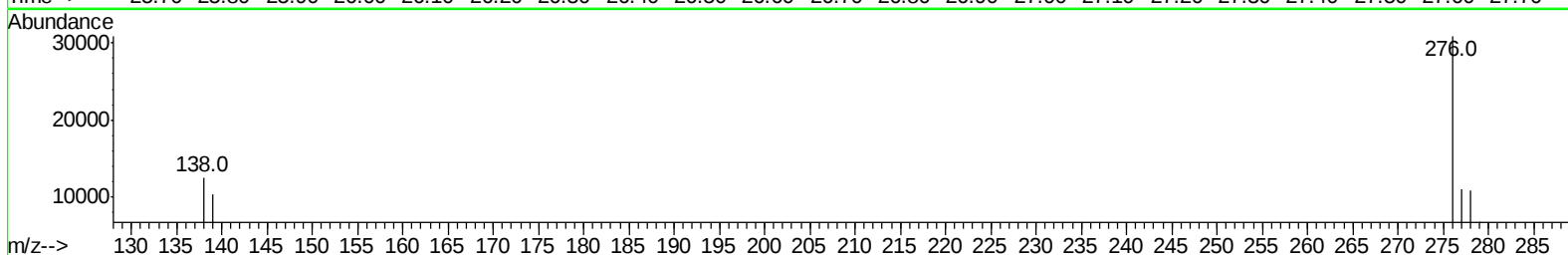
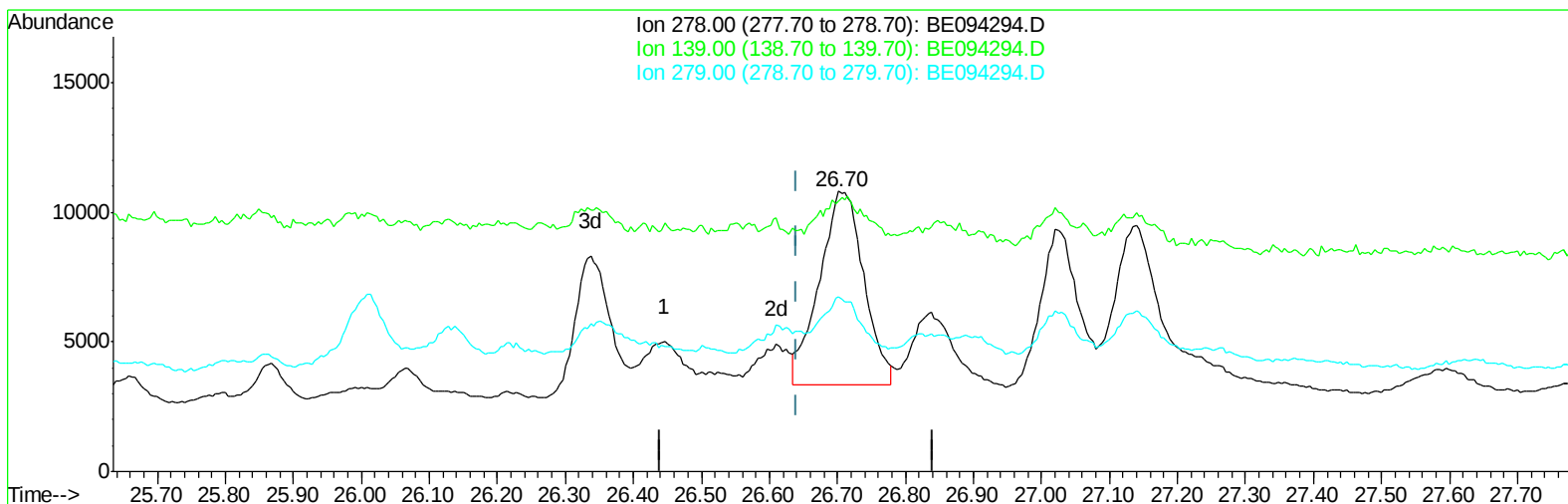
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

(25) Dibenzo(a,h)anthracene

26.702min (+0.061) 1.55ng/ul m

response 34065

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	96.24#
279.00	32.40	62.32#
0.00	0.00	0.00

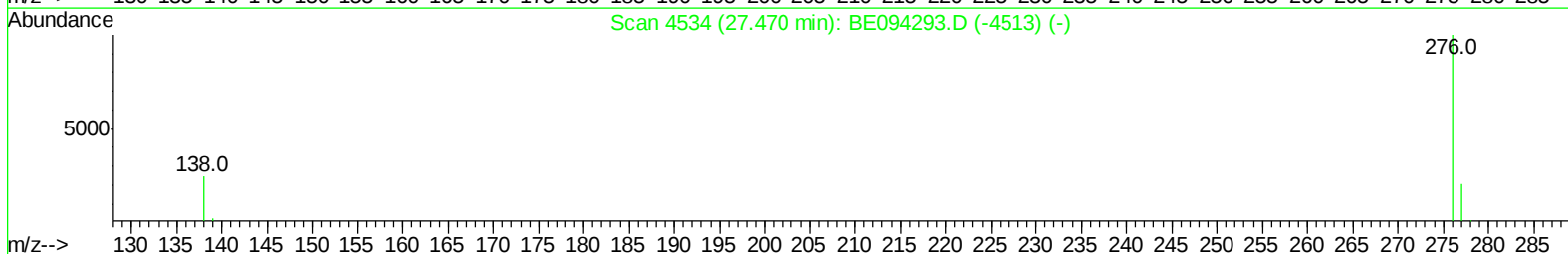
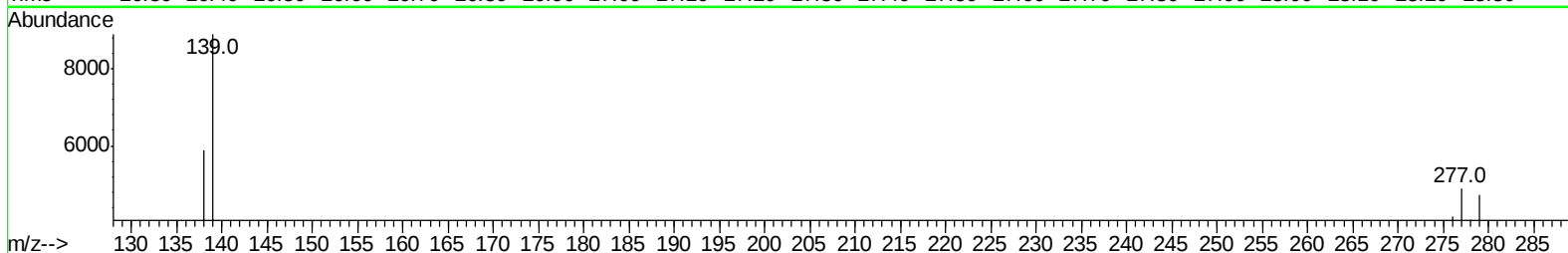
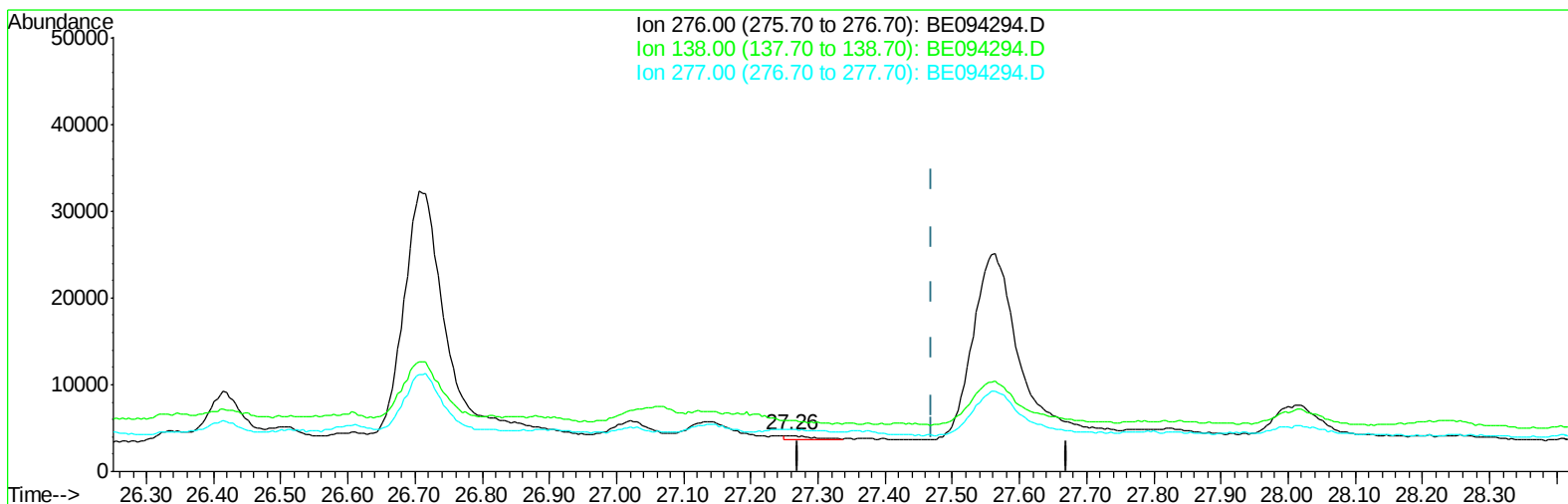
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094294.D

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

27.258min (-0.213) 0.06ng/ul

response 1280

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	141.89#
277.00	25.60	117.99#
0.00	0.00	0.00

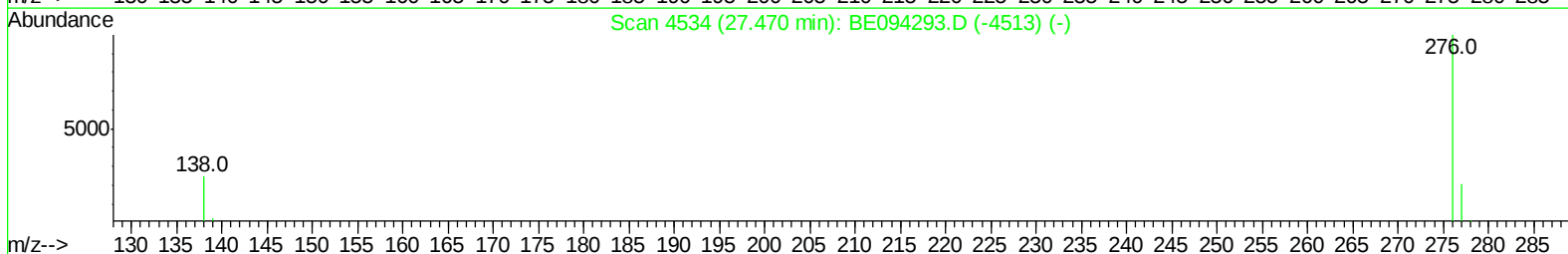
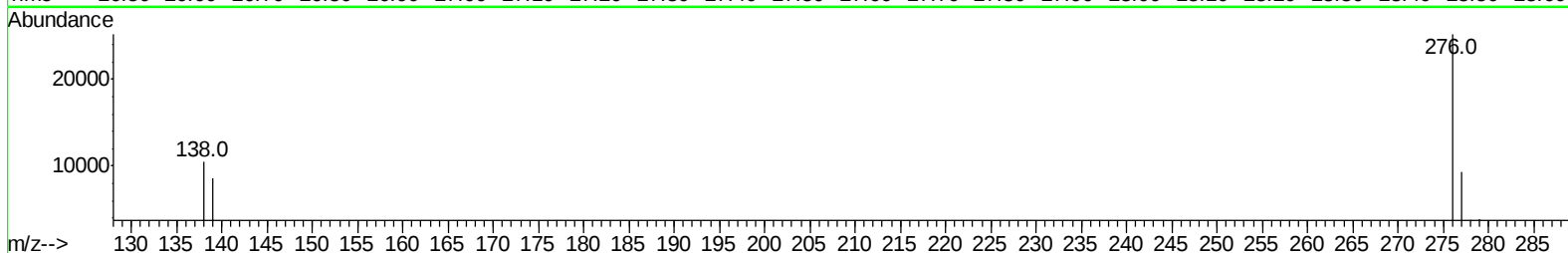
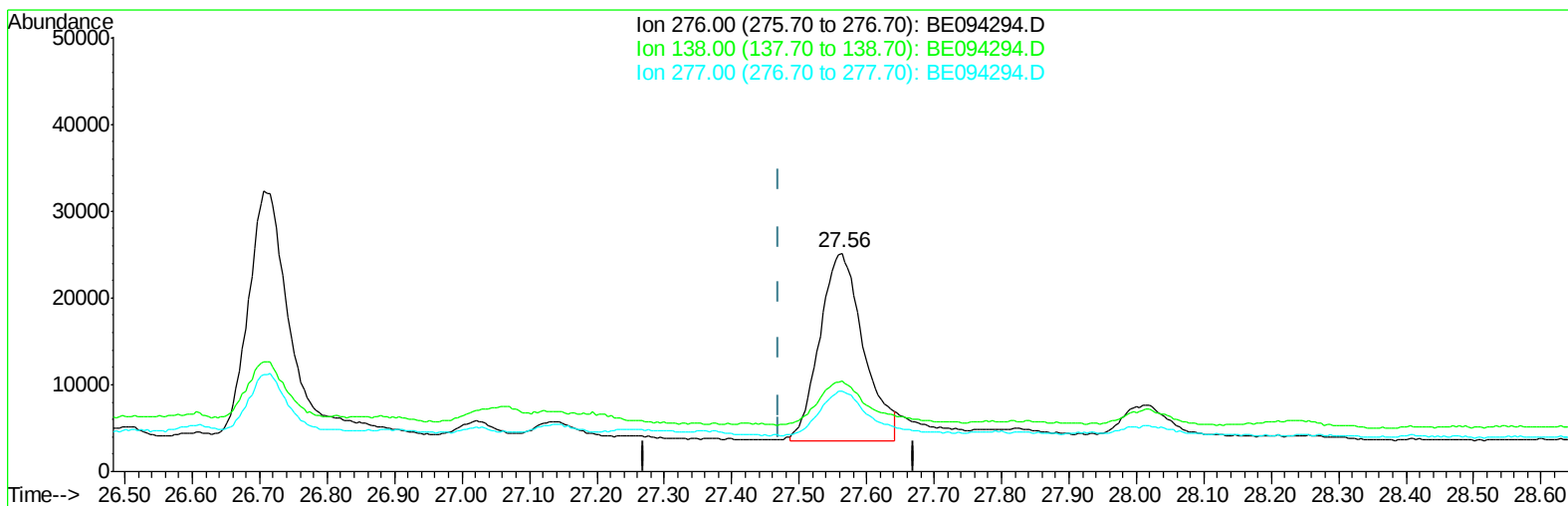
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094294.D
Acq On : 12 Oct 2017 00:11
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:02:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



TIC: BE094294.D

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

27.563min (+0.092) 4.31ng/ul m

response 97339

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	41.65#
277.00	25.60	37.04#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094294.D
 Acq On : 12 Oct 2017 00:11
 Operator : SJ/JU
 Sample : I5490-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-69(1-3)-092717

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:05:53 PM

Quant Time: Oct 12 09:04:18 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1788	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8687	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5229	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10393m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9619	0.40	ng/ul	0.00
20) Perylene-d12	23.99	264	9069m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2955	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	6507	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	37859	1.779	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	12742	0.923	ng/ul	99
7) Acenaphthylene	14.25	152	4774	0.234	ng/ul#	79
8) Acenaphthene	14.59	153	4904	0.292	ng/ul	96
9) Fluorene	15.57	166	12998	0.661	ng/ul	92
11) Pentachlorophenol	16.94	266	299	0.245	ng/ul	93
12) Phenanthrene	17.31	178	206706	7.611	ng/ul	94
13) Anthracene	17.39	178	48583	1.839	ng/ul	96
15) Fluoranthene	19.32	202	412780	11.567	ng/ul	84
17) Pyrene	19.68	202	424935	15.877	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	231746	9.082	ng/ul#	90
19) Chrysene	21.47	228	254424	8.634	ng/ul	93
21) Benzo(b)fluoranthene	23.20	252	286267	11.620	ng/ul	82
22) Benzo(k)fluoranthene	23.24	252	98059m	3.444	ng/ul	
23) Benzo(a)pyrene	23.88	252	192706m	7.528	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.71	276	110254m	4.210	ng/ul	
25) Dibenzo(a,h)anthracene	26.70	278	34065m	1.551	ng/ul	
26) Benzo(g,h,i)perylene	27.56	276	97339m	4.309	ng/ul	

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

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