

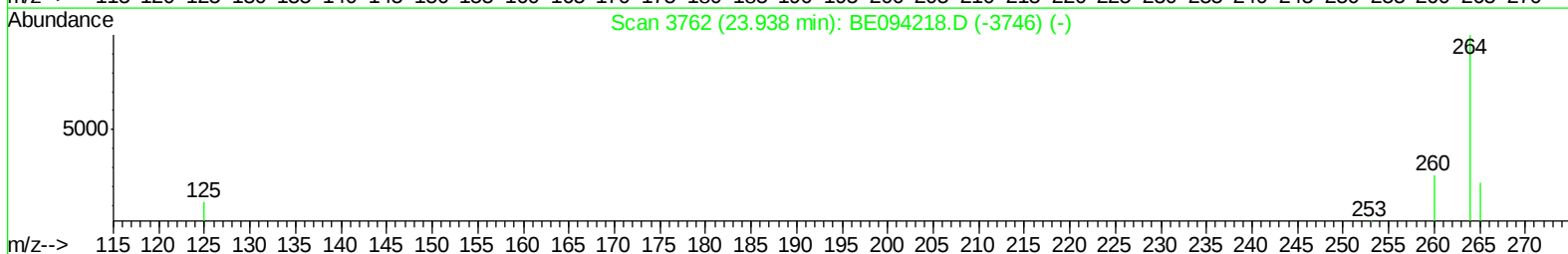
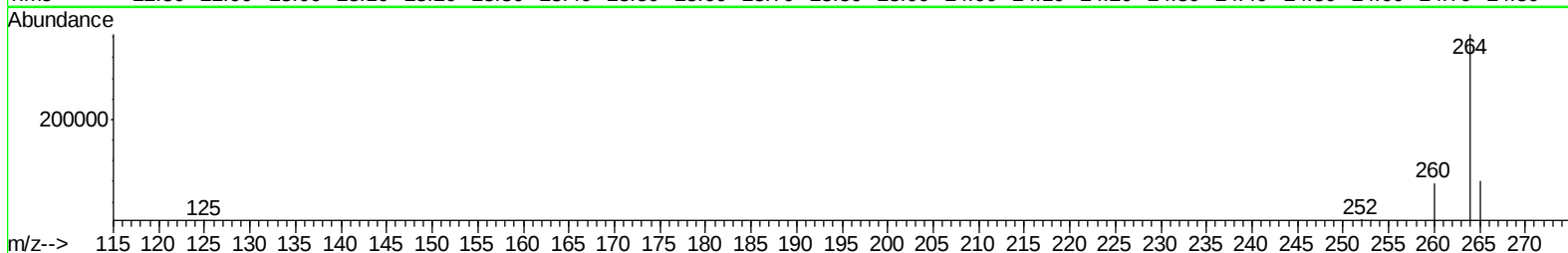
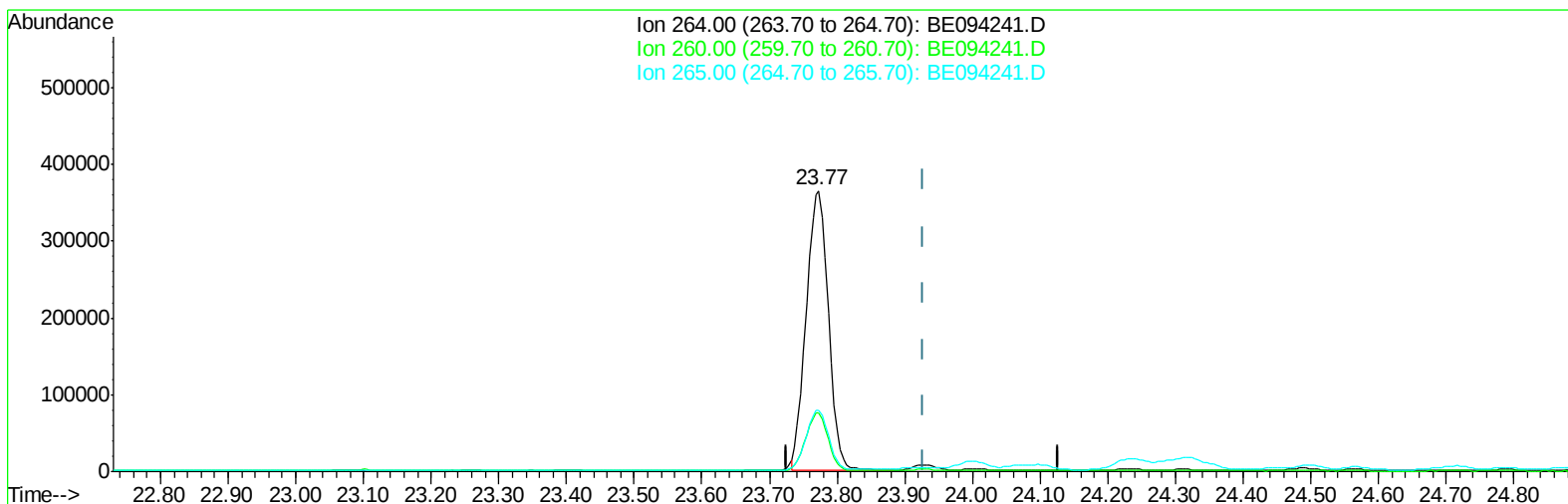
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 08:52:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

(20) Perylene-d12 (I)

23.773min (-0.154) 0.40ng/ul

response 828320

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.83#
265.00	103.50	21.96#
0.00	0.00	0.00

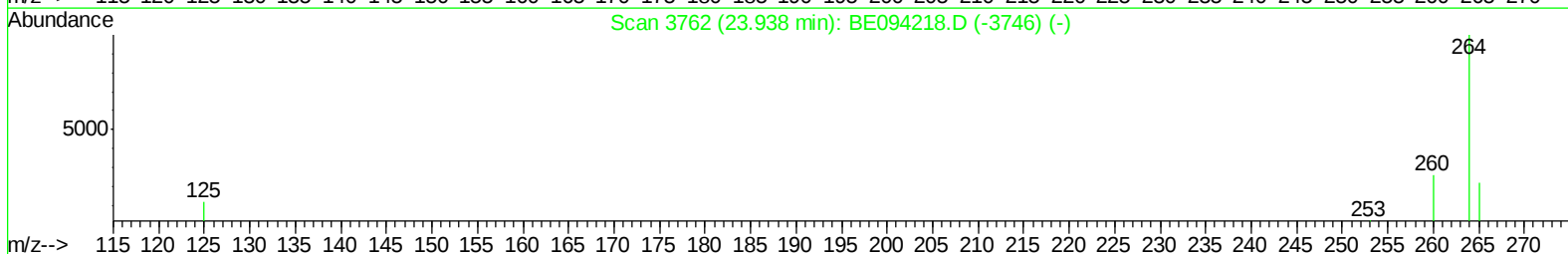
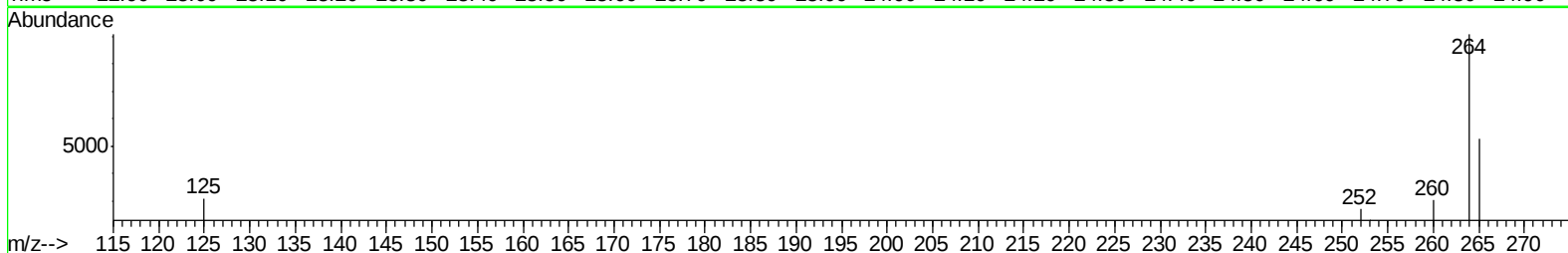
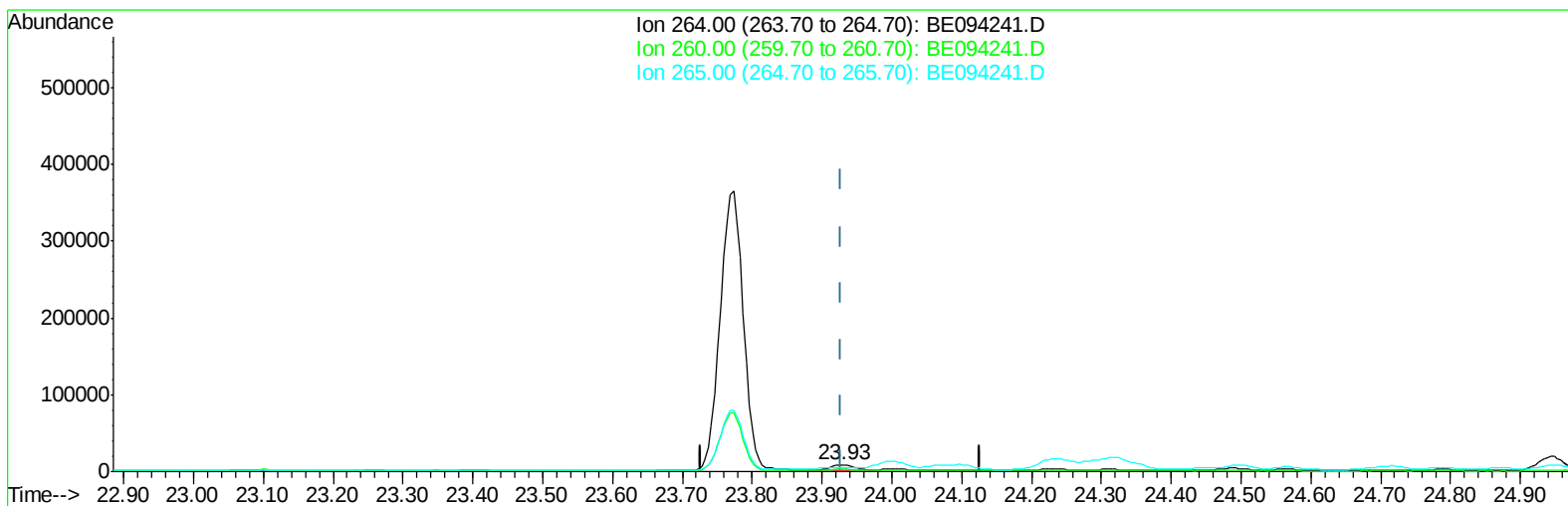
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 08:52:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

(20) Perylene-d12 (I)

23.928min (+0.001) 0.40ng/ul m

response 15868

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	33.31
265.00	103.50	57.80#
0.00	0.00	0.00

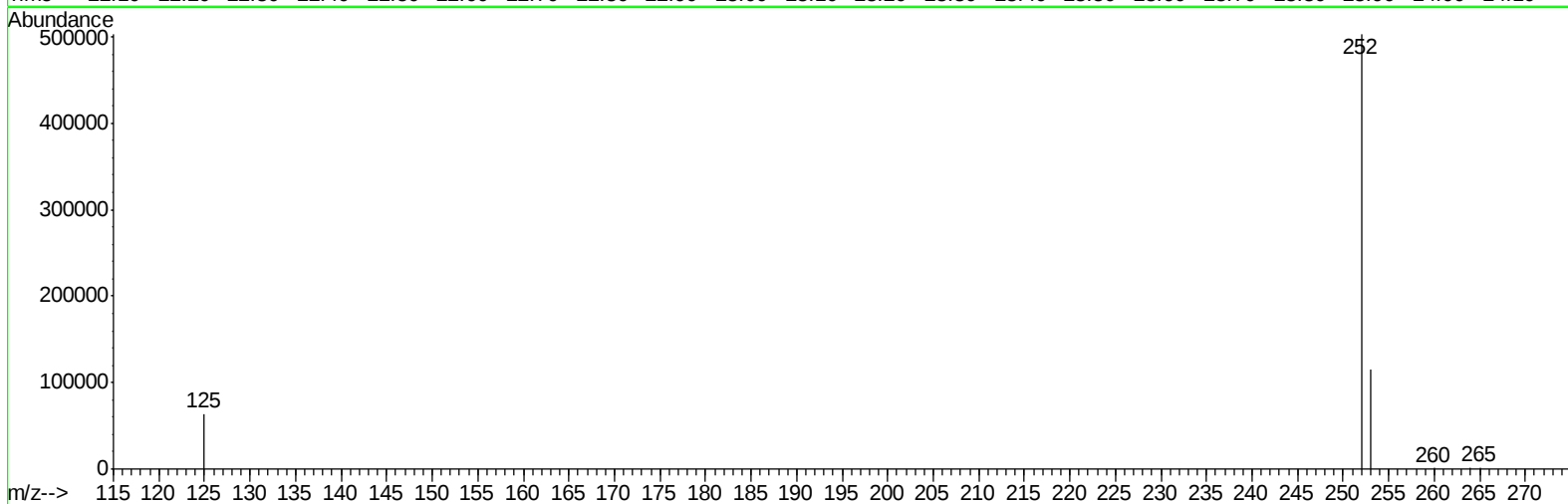
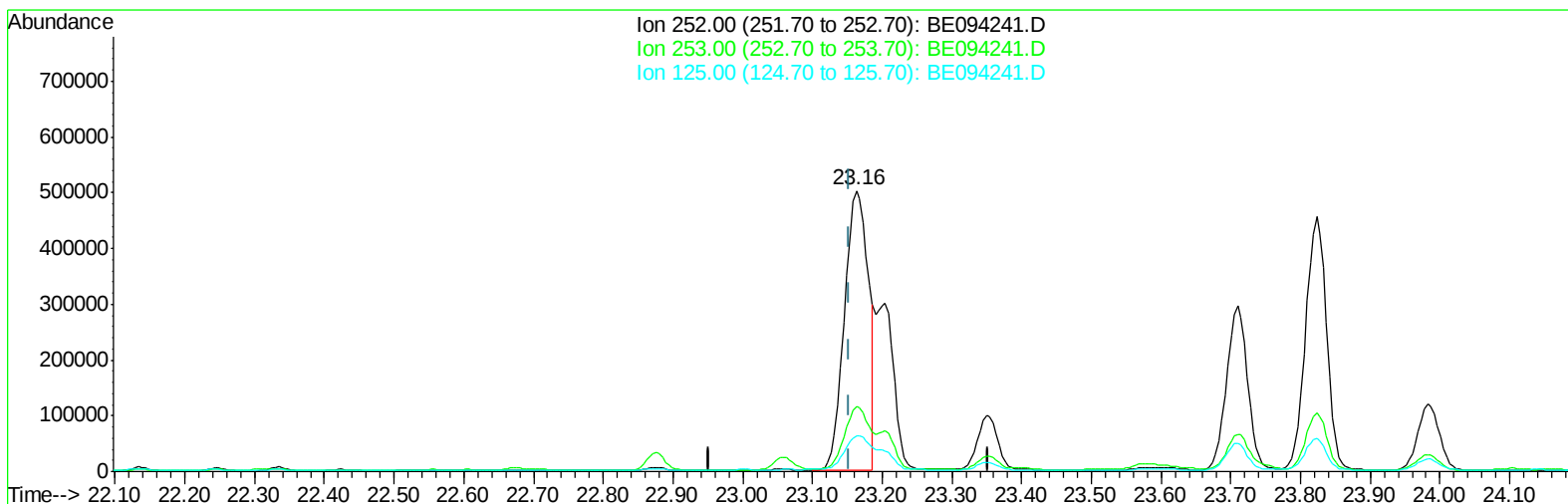
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

(21) Benzo(b)fluoranthene

23.163min (+0.010) 27.80ng/ul

response 1198316

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.03
125.00	17.50	12.66
0.00	0.00	0.00

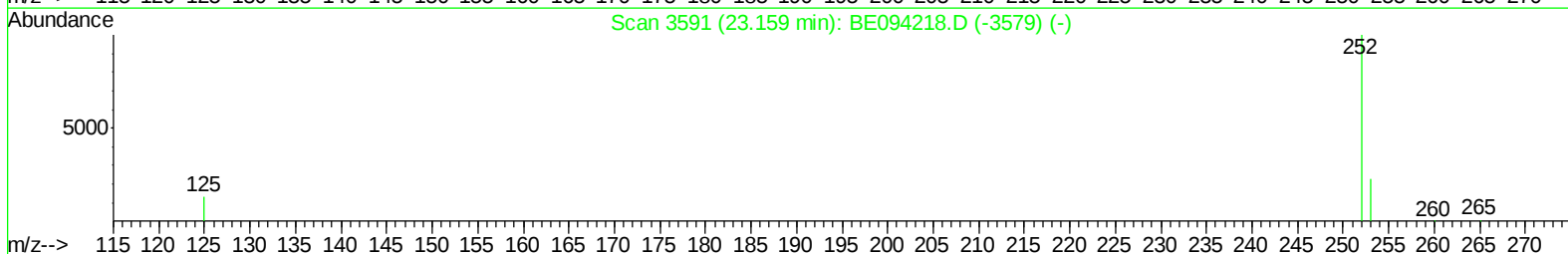
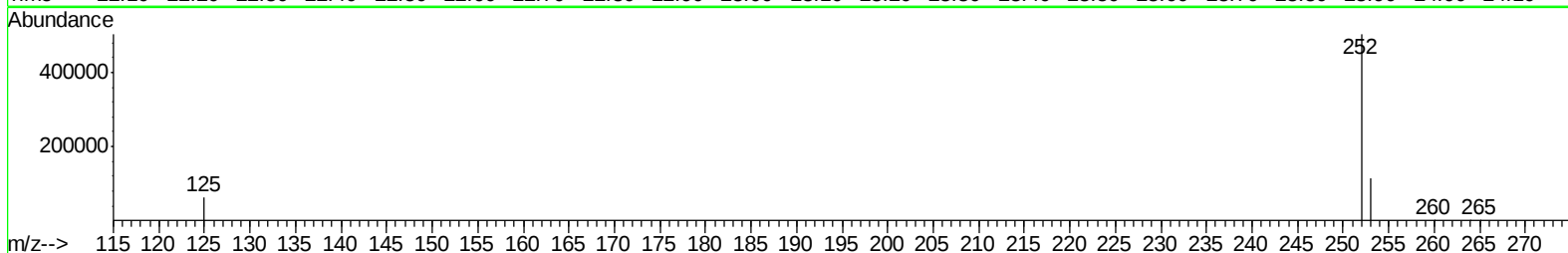
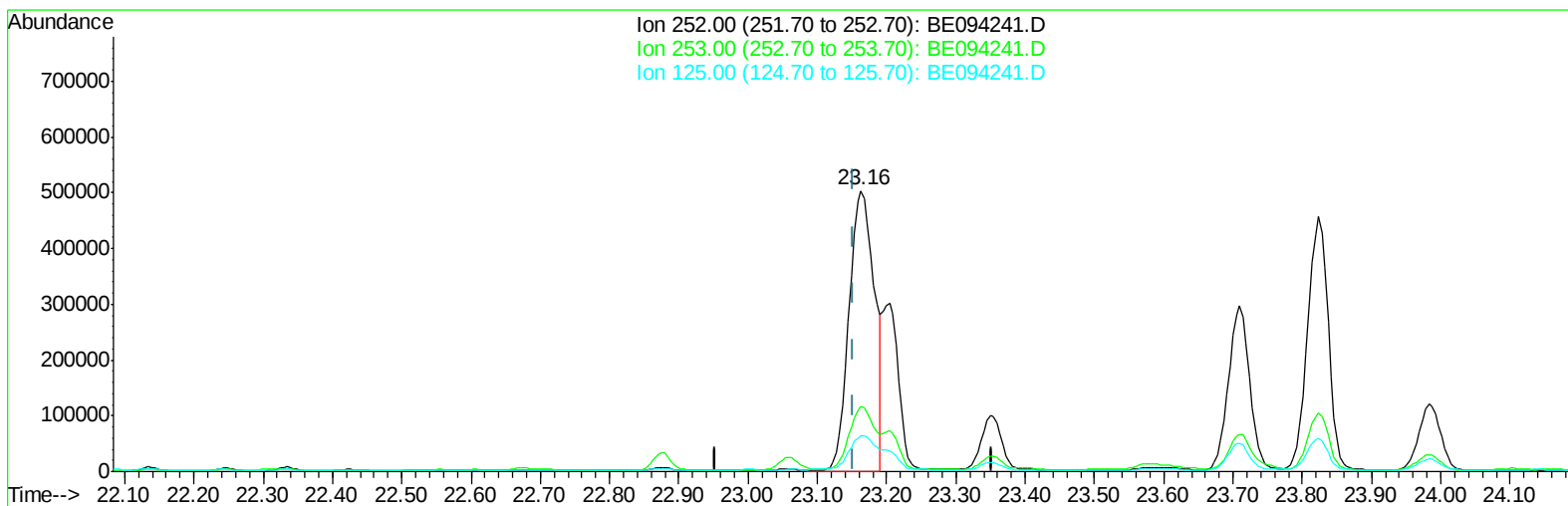
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

(21) Benzo(b)fluoranthene

23.163min (+0.010) 29.87ng/ul m

response 1287429

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.03
125.00	17.50	12.66
0.00	0.00	0.00

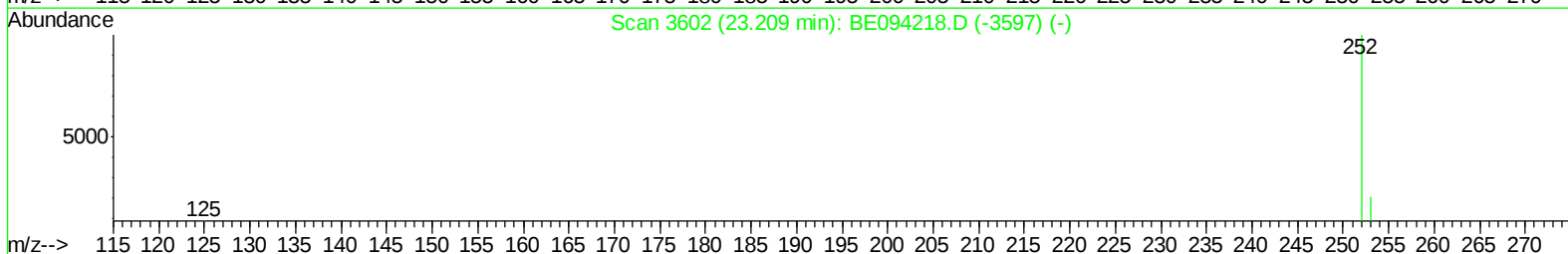
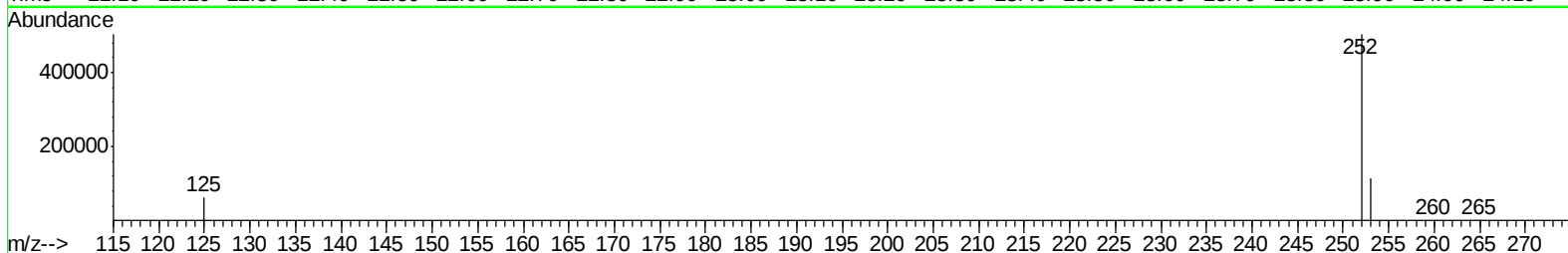
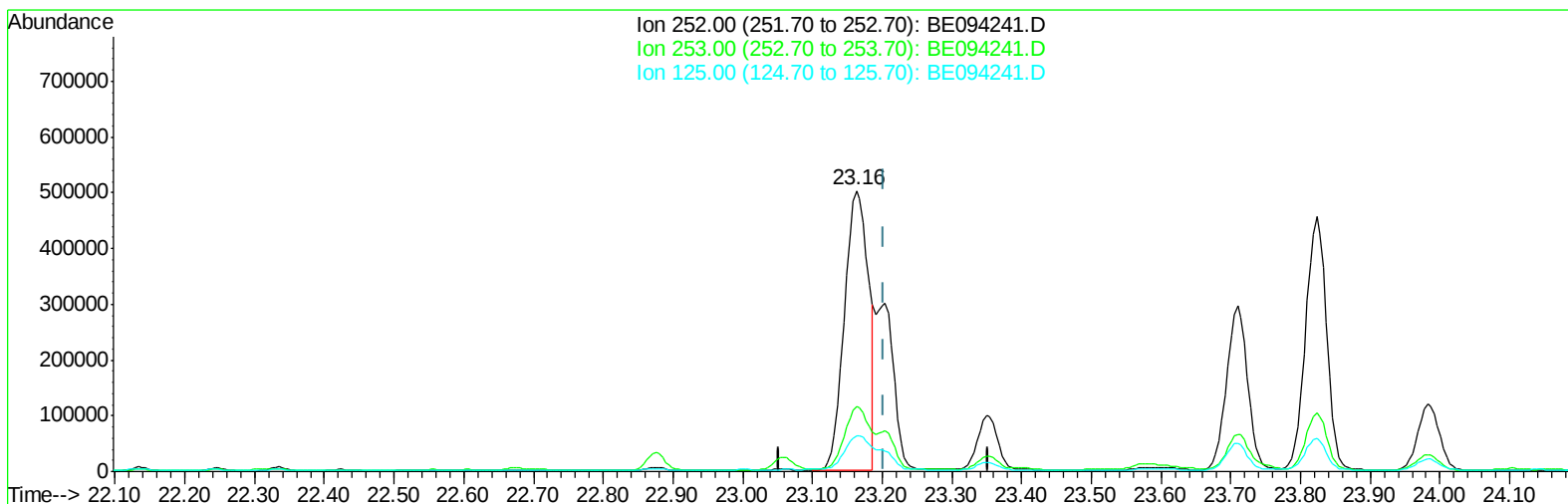
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

(22) Benzo(k)fluoranthene

23.163min (-0.040) 24.05ng/ul

response 1198316

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.03#
125.00	17.10	12.66#
0.00	0.00	0.00

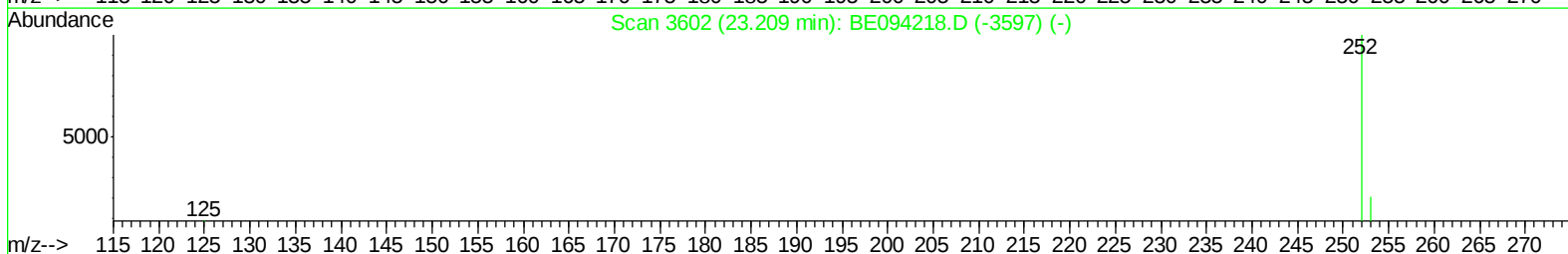
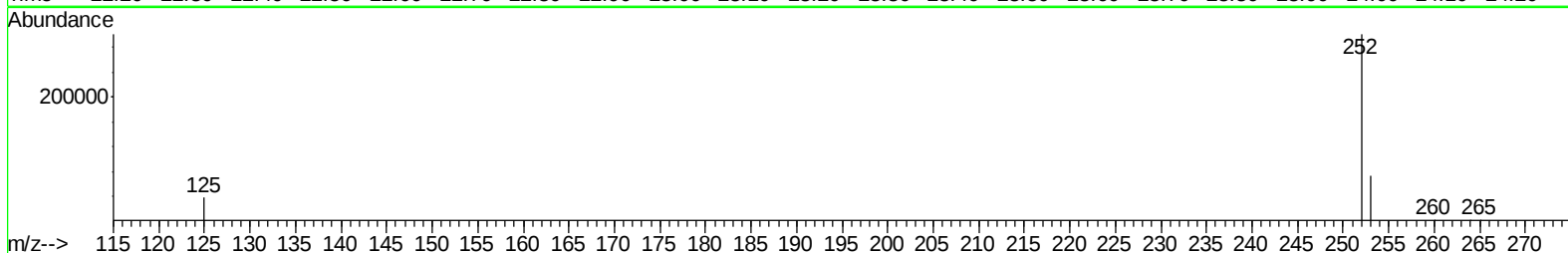
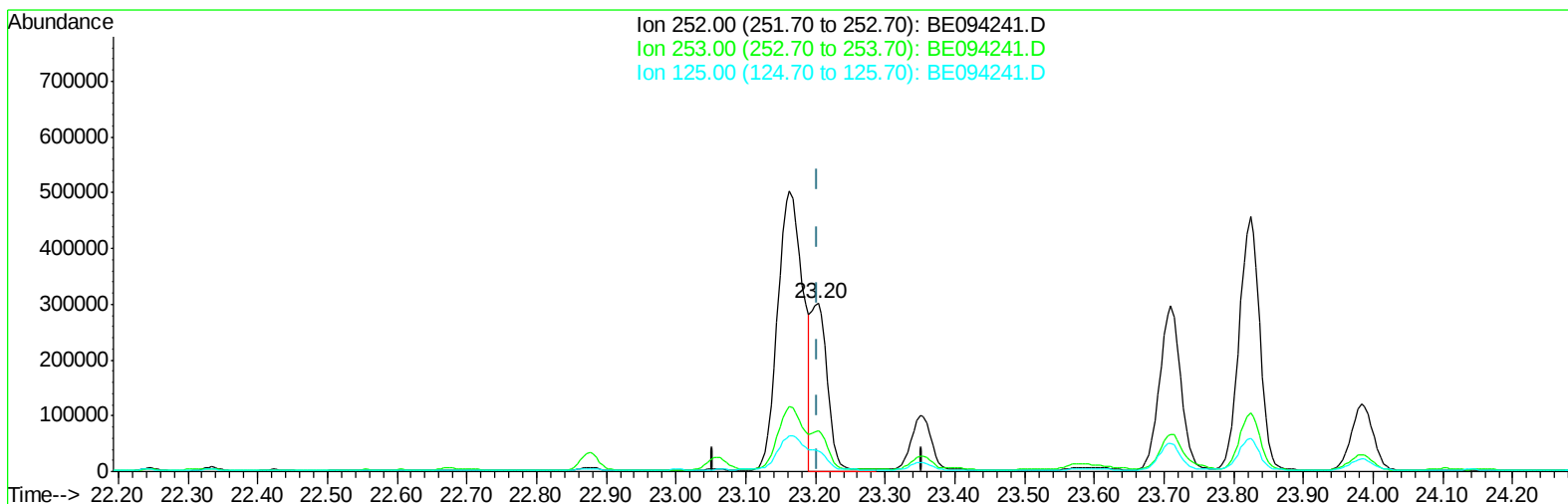
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

(22) Benzo(k)fluoranthene

23.204min (+0.001) 9.86ng/ul m

response 491024

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.24#
125.00	17.10	12.53#
0.00	0.00	0.00

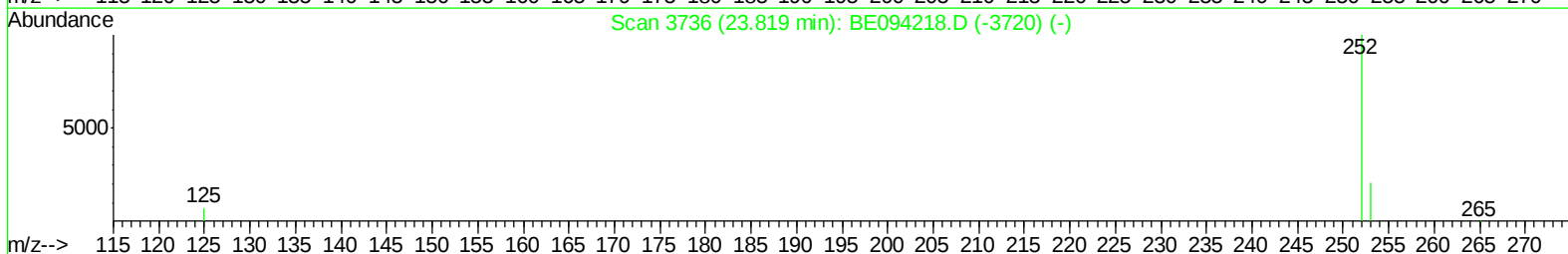
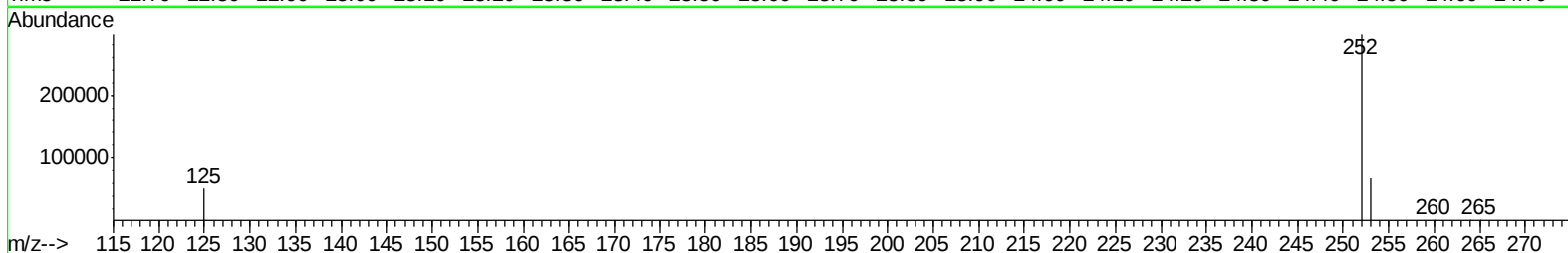
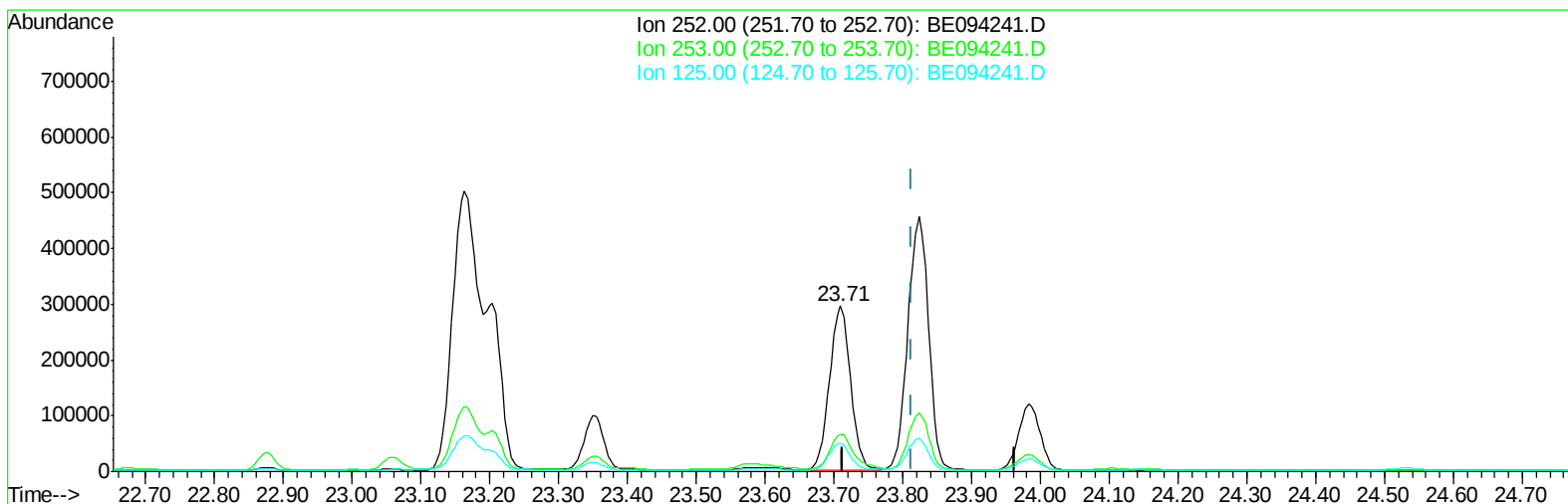
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

(23) Benzo(a)pyrene (C)

23.709min (-0.104) 13.85ng/ul

response 620397

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.72#
125.00	22.60	17.38#
0.00	0.00	0.00

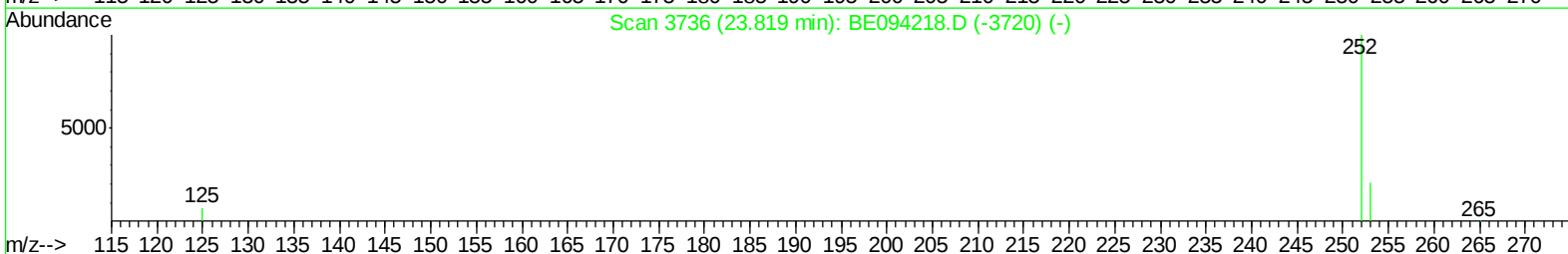
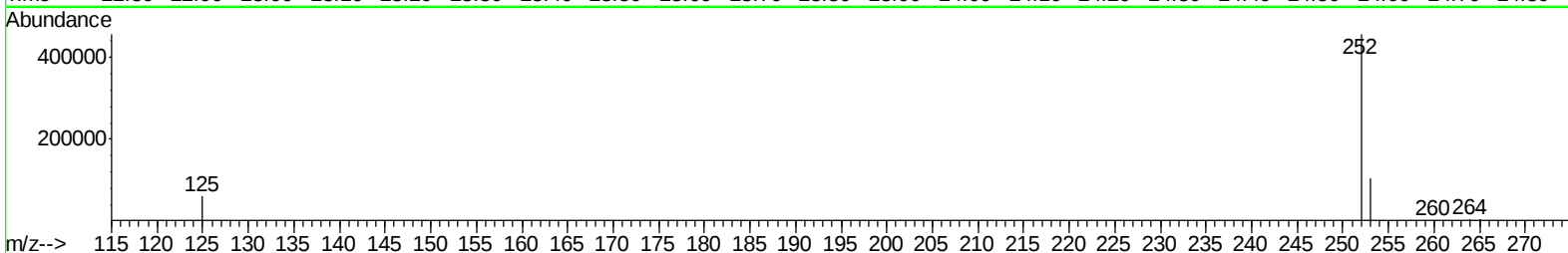
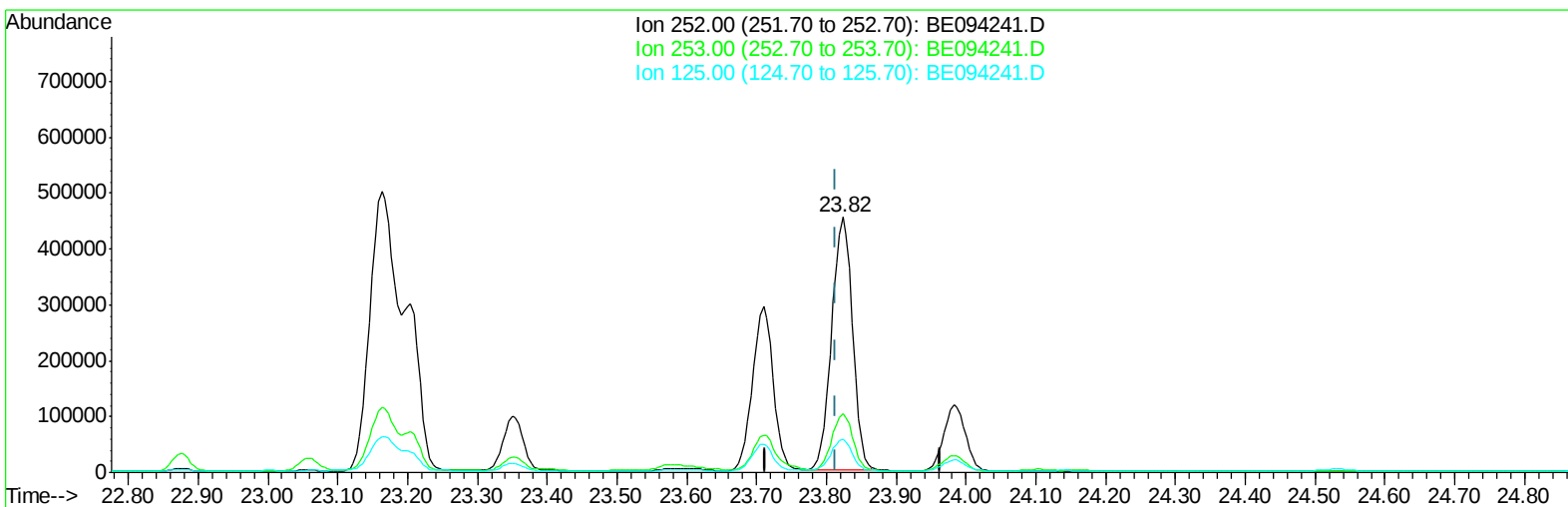
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 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: BE094241.D

(23) Benzo(a)pyrene (C)

23.823min (+0.010) 20.79ng/ul m

response 931203

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.87#
125.00	22.60	13.15#
0.00	0.00	0.00

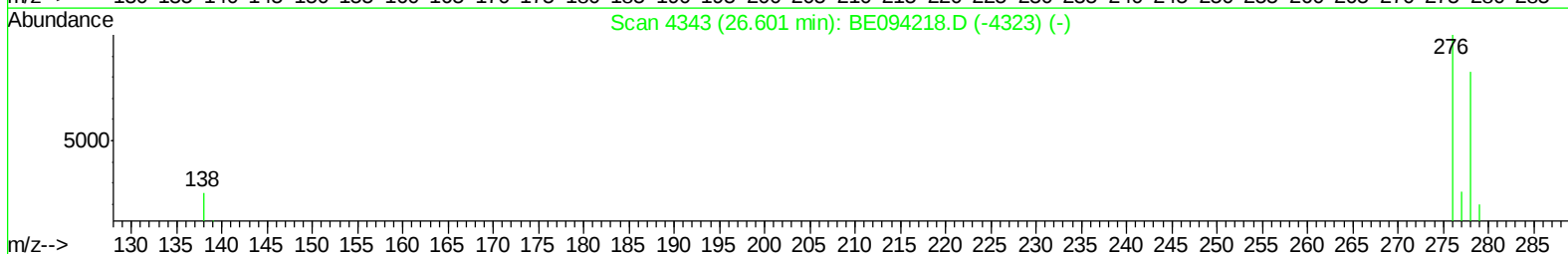
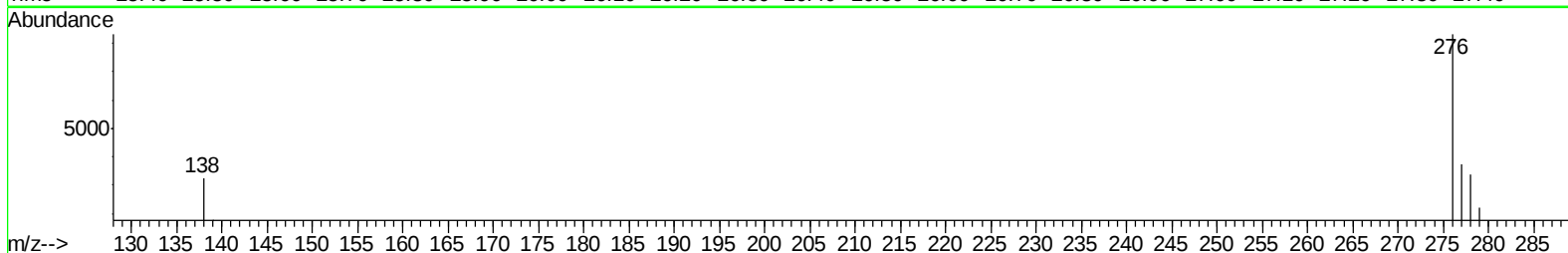
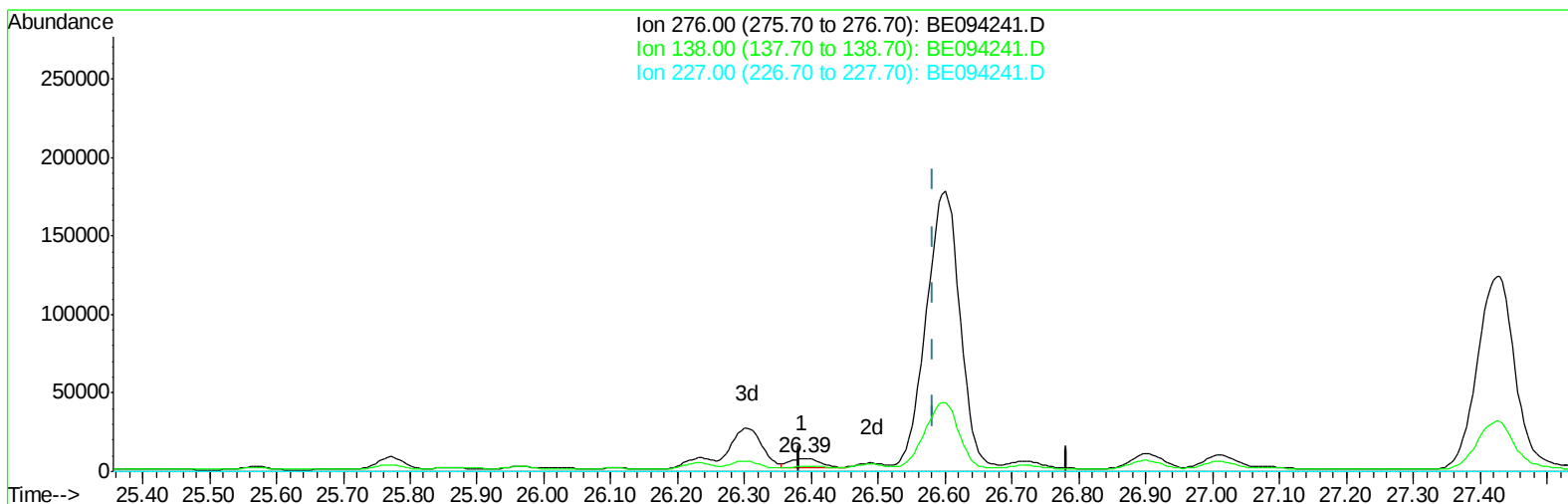
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

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

26.386min (-0.197) 0.37ng/ul

response 16959

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	24.22#
227.00	10.00	0.00#
0.00	0.00	0.00

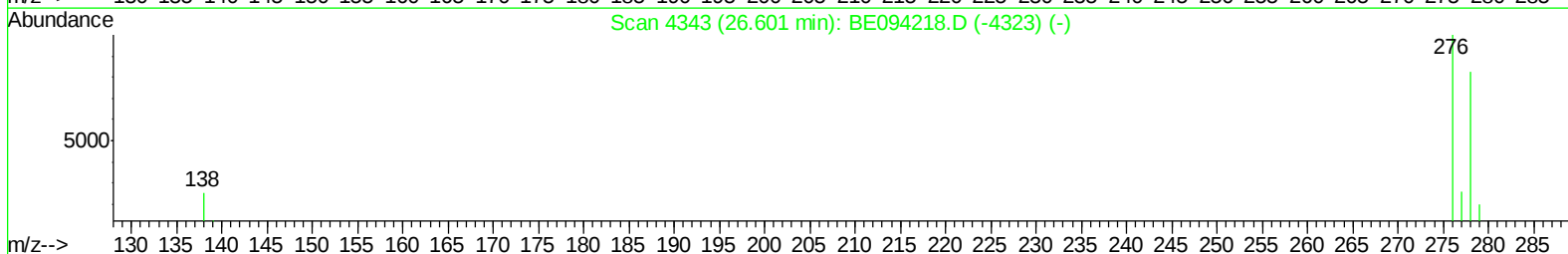
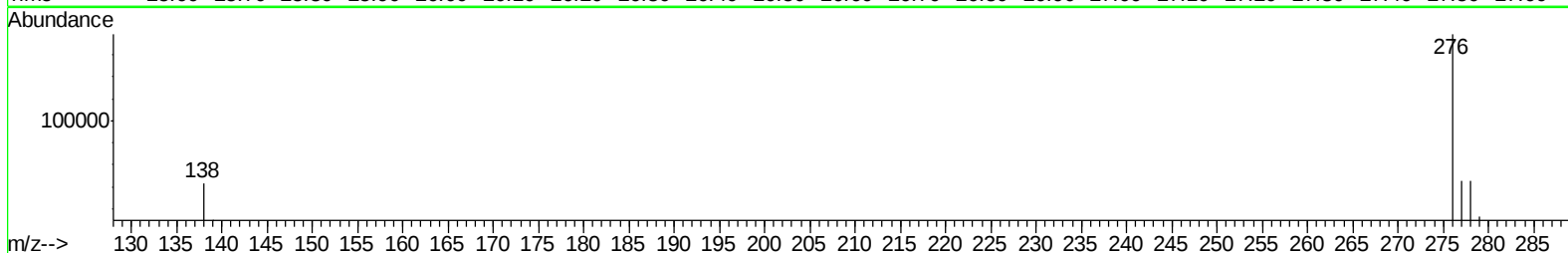
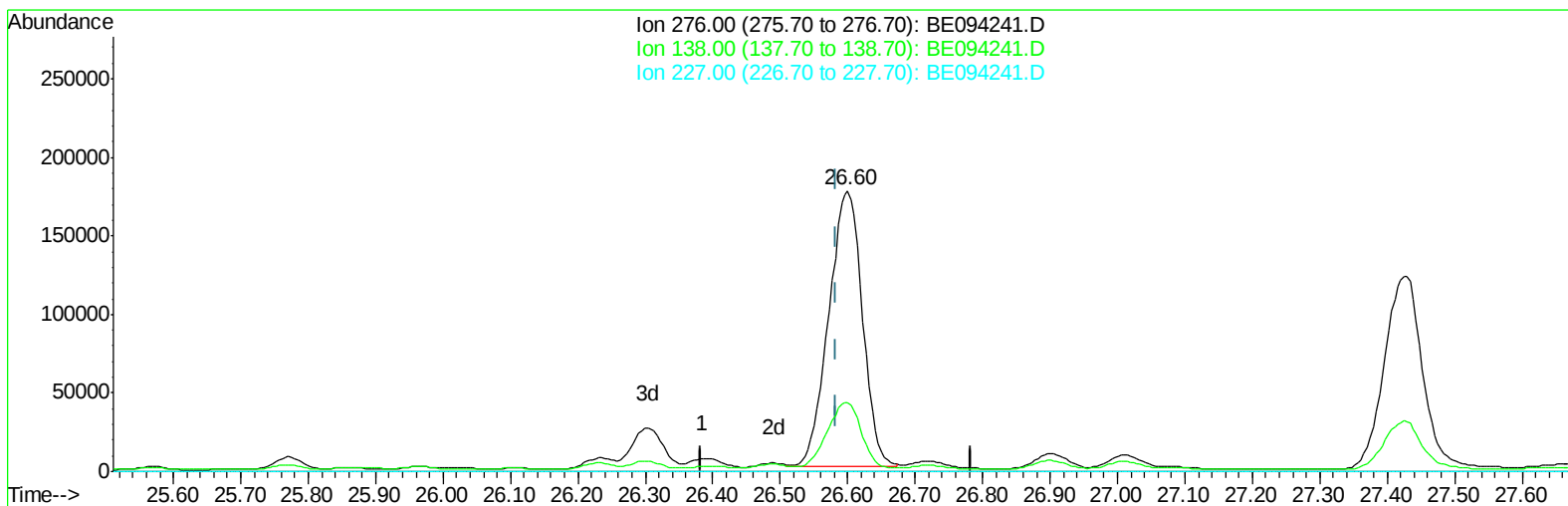
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

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

26.600min (+0.017) 13.34ng/ul m

response 611068

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.67#
227.00	10.00	0.00#
0.00	0.00	0.00

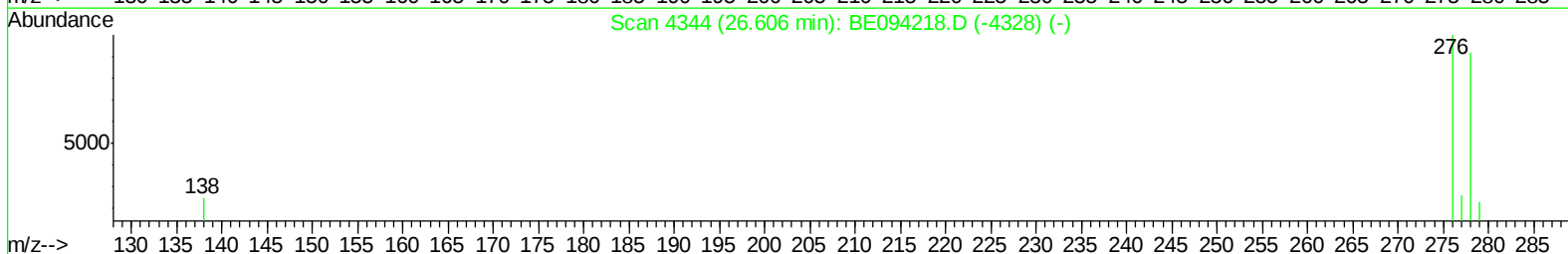
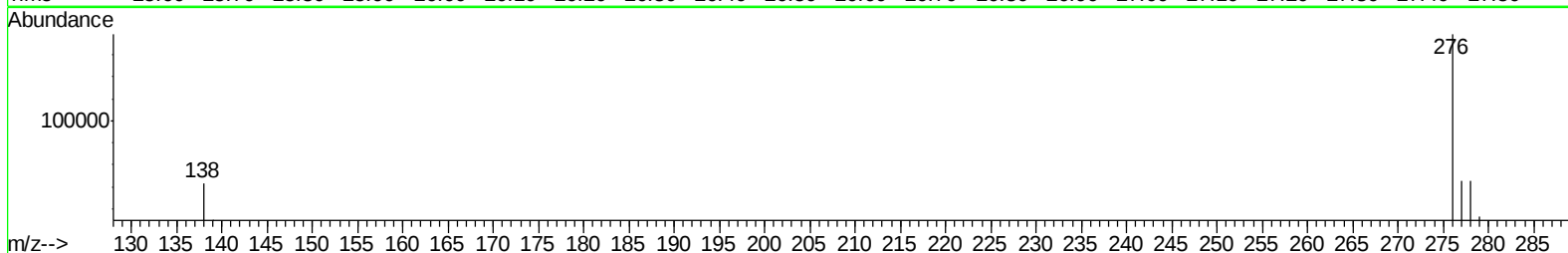
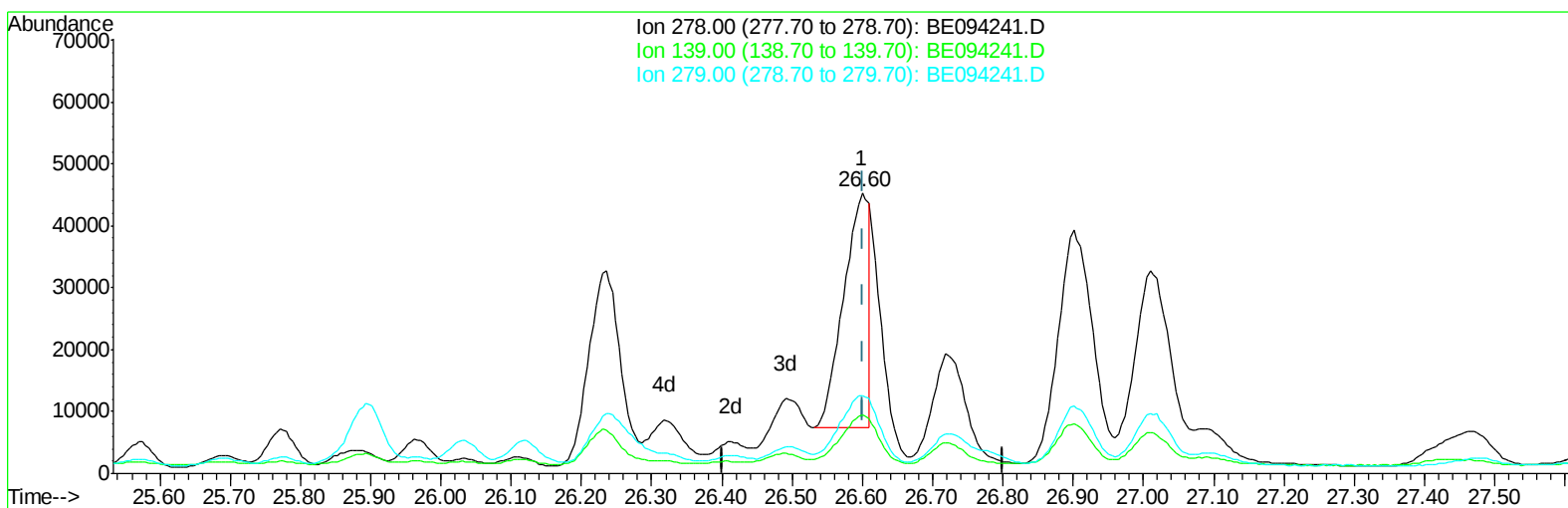
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 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: BE094241.D

(25) Dibenzo(a,h)anthracene

26.600min (-0.001) 2.45ng/ul

response 94136

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.79
279.00	32.40	27.72
0.00	0.00	0.00

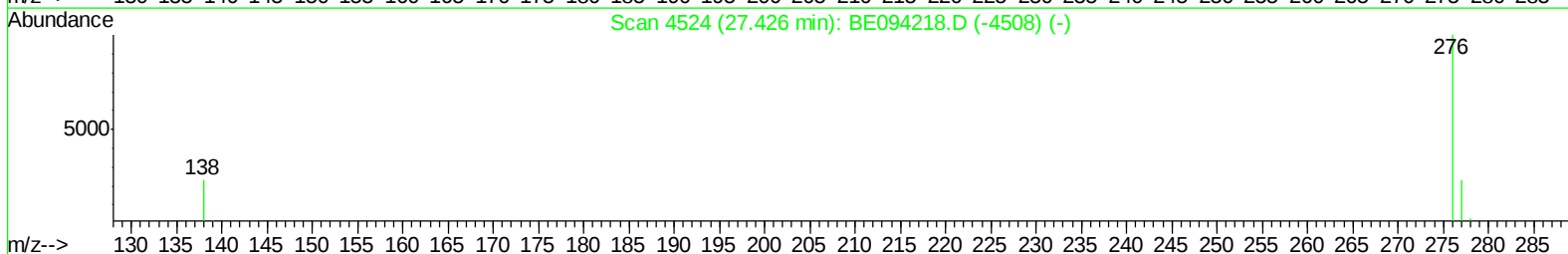
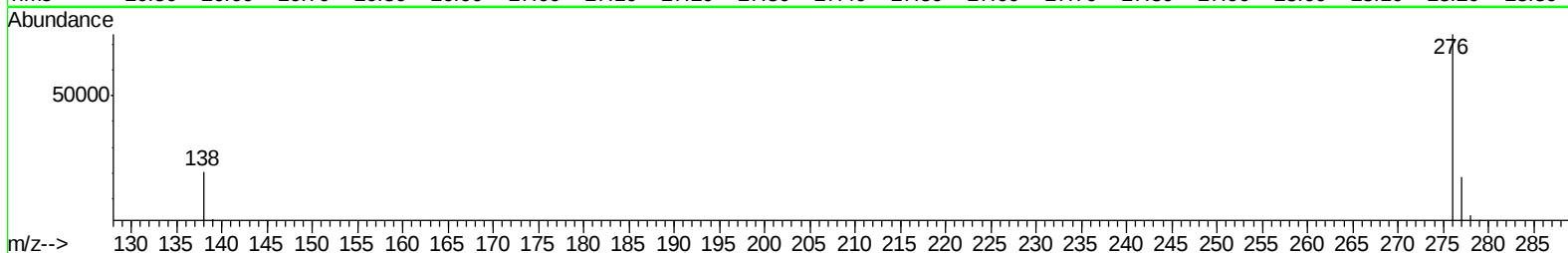
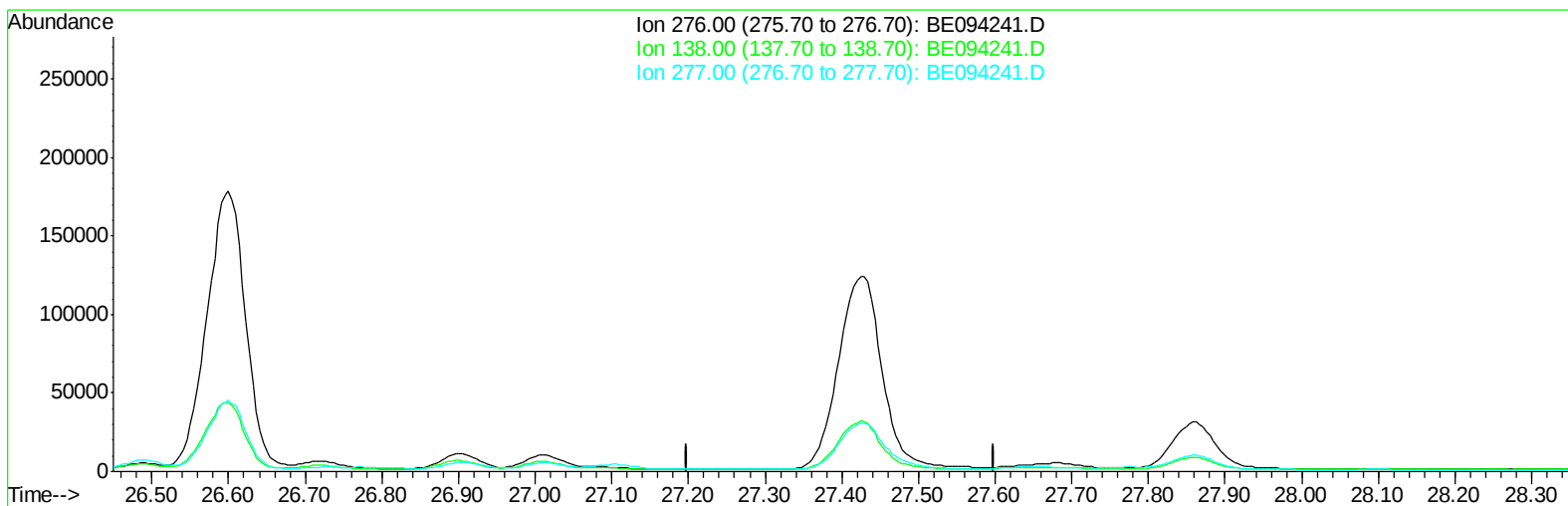
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 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: BE094241.D

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

27.399min (-27.399) 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

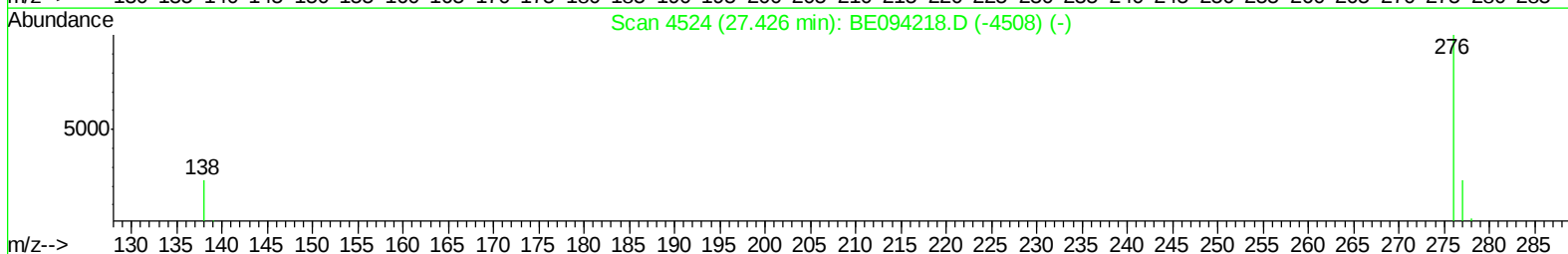
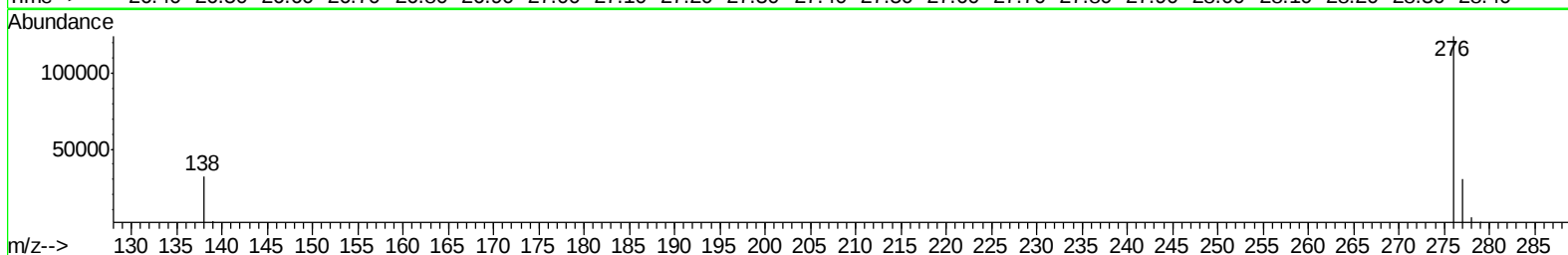
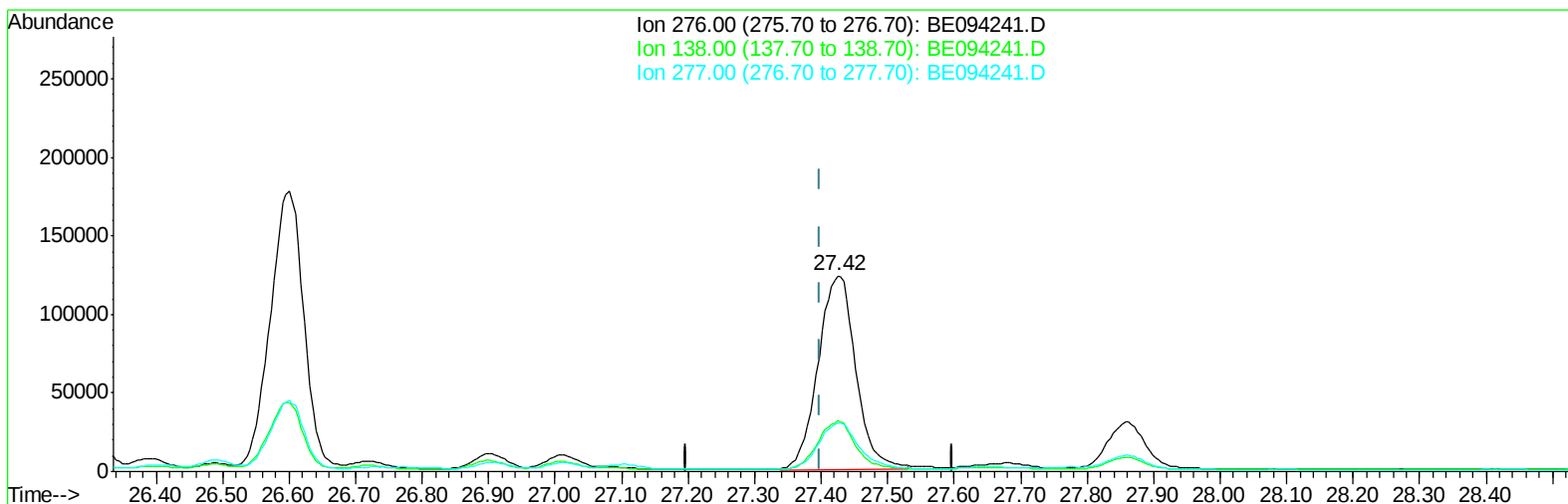
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



TIC: BE094241.D

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

27.425min (+0.026) 12.26ng/ul m

response 484588

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.82
277.00	25.60	24.53
0.00	0.00	0.00

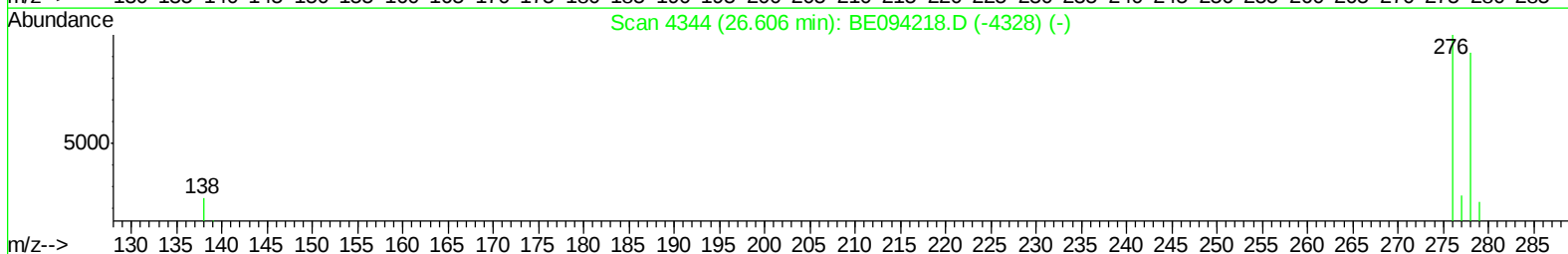
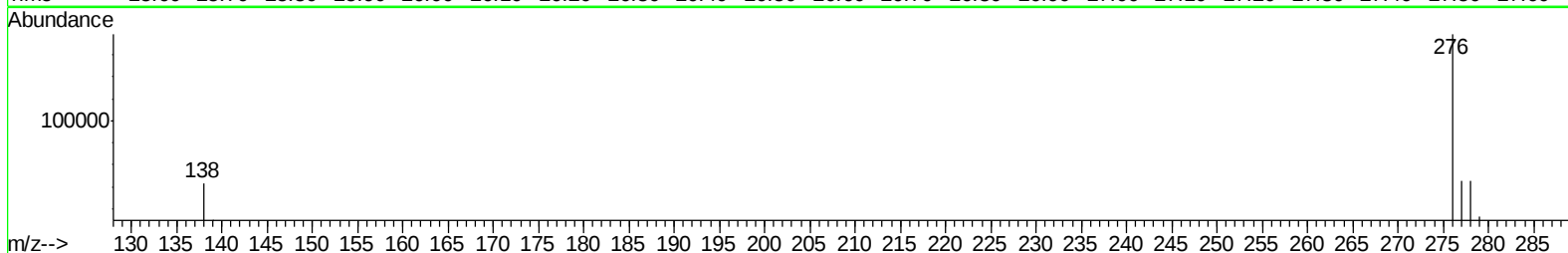
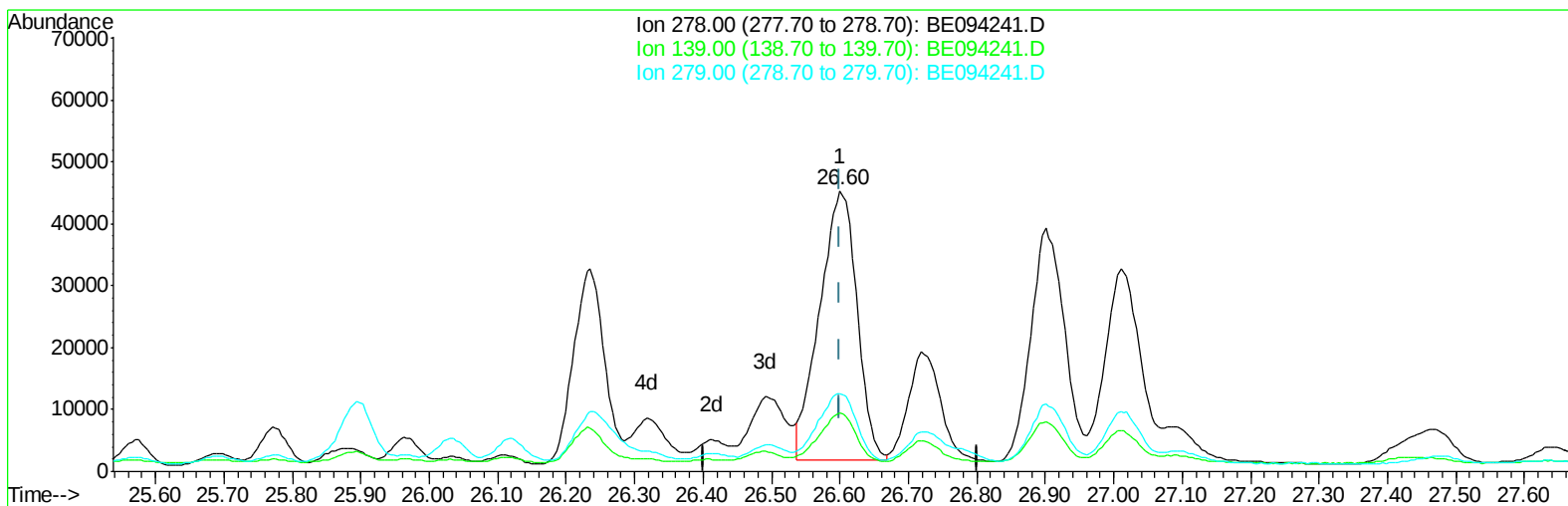
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:46:58 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: BE094241.D

(25) Dibenzo(a,h)anthracene

26.600min (-0.001) 4.28ng/ul m

response 164625

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.79
279.00	32.40	27.72
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094241.D
 Acq On : 10 Oct 2017 3:36
 Operator : SJ/JU
 Sample : I5522-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:57:33 PM

Quant Time: Oct 10 10:53:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2716	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13659	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8112	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	16678	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	15727	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	15868m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4973	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	11357	0.20	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	20665	0.62	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	14915	0.69	ng/ul	98
7) Acenaphthylene	14.23	152	27962	0.88	ng/ul	98
8) Acenaphthene	14.57	153	34799	1.34	ng/ul	97
9) Fluorene	15.56	166	39526	1.30	ng/ul	92
12) Phenanthrene	17.29	178	795337	18.25	ng/ul#	93
13) Anthracene	17.38	178	182953	4.32	ng/ul#	92
15) Fluoranthene	19.30	202	1889521	33.00	ng/ul	84
17) Pyrene	19.67	202	1739366	39.75	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	1022342	24.50	ng/ul#	86
19) Chrysene	21.45	228	976270	20.26	ng/ul	98
21) Benzo(b)fluoranthene	23.16	252	1287429m	29.87	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	491024m	9.86	ng/ul	
23) Benzo(a)pyrene	23.82	252	931203m	20.79	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.60	276	611068m	13.34	ng/ul	
25) Dibenzo(a,h)anthracene	26.60	278	164625m	4.28	ng/ul	
26) Benzo(a,h,i)perylene	27.42	276	484588m	12.26	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
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Operator : SJ/JU
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Misc :
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Manual Integrations
APPROVED

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