

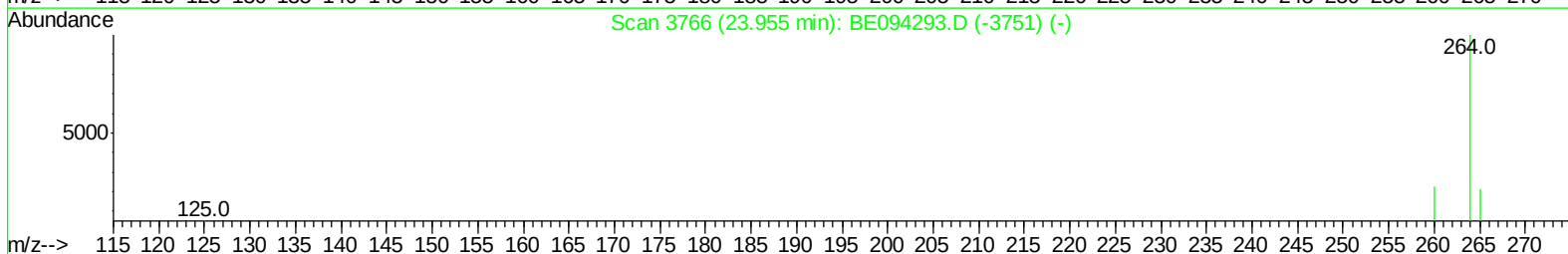
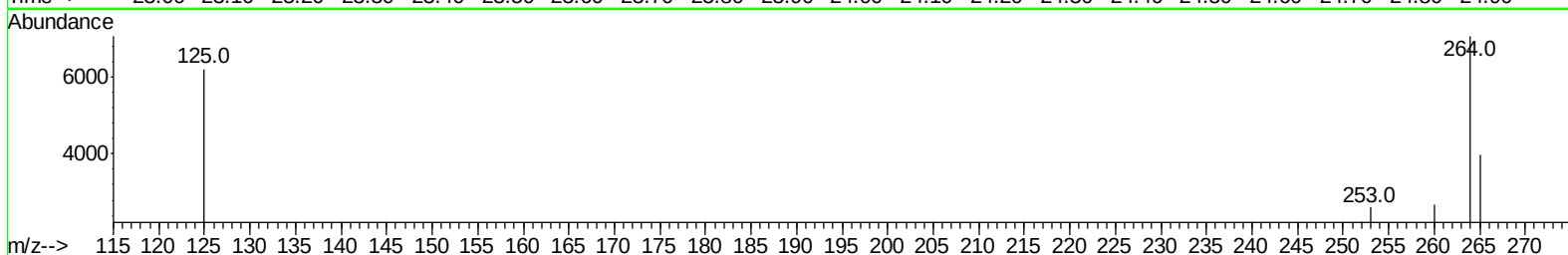
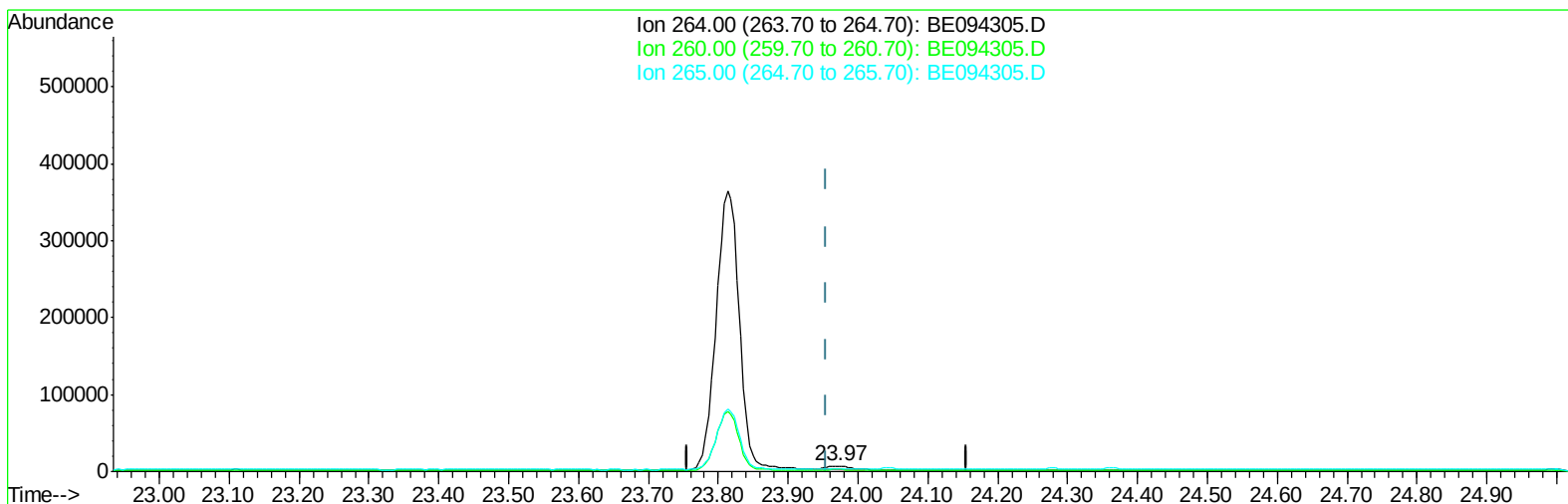
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

(20) Perylene-d12 (I)

23.972min (+0.017) 0.40ng/ul m

response 11953

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	37.93#
265.00	103.50	56.31#
0.00	0.00	0.00

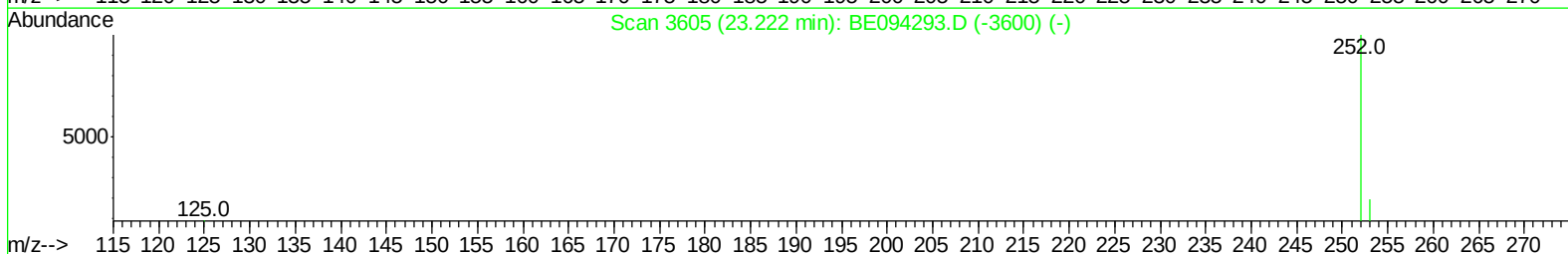
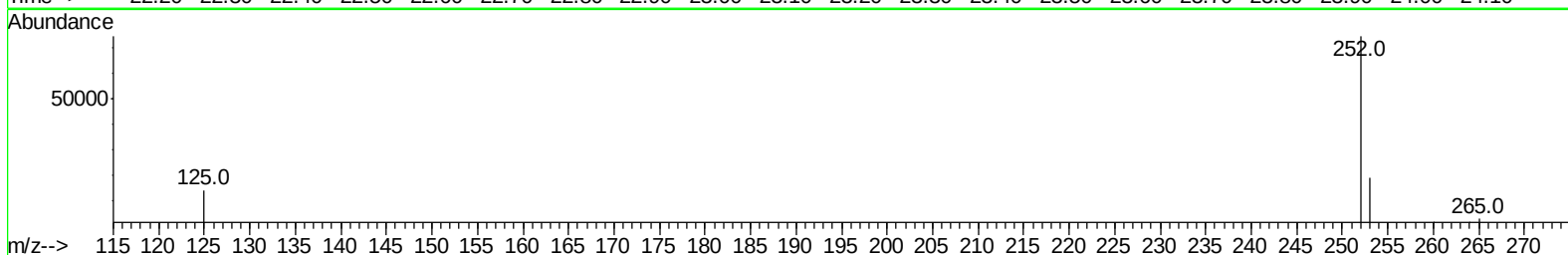
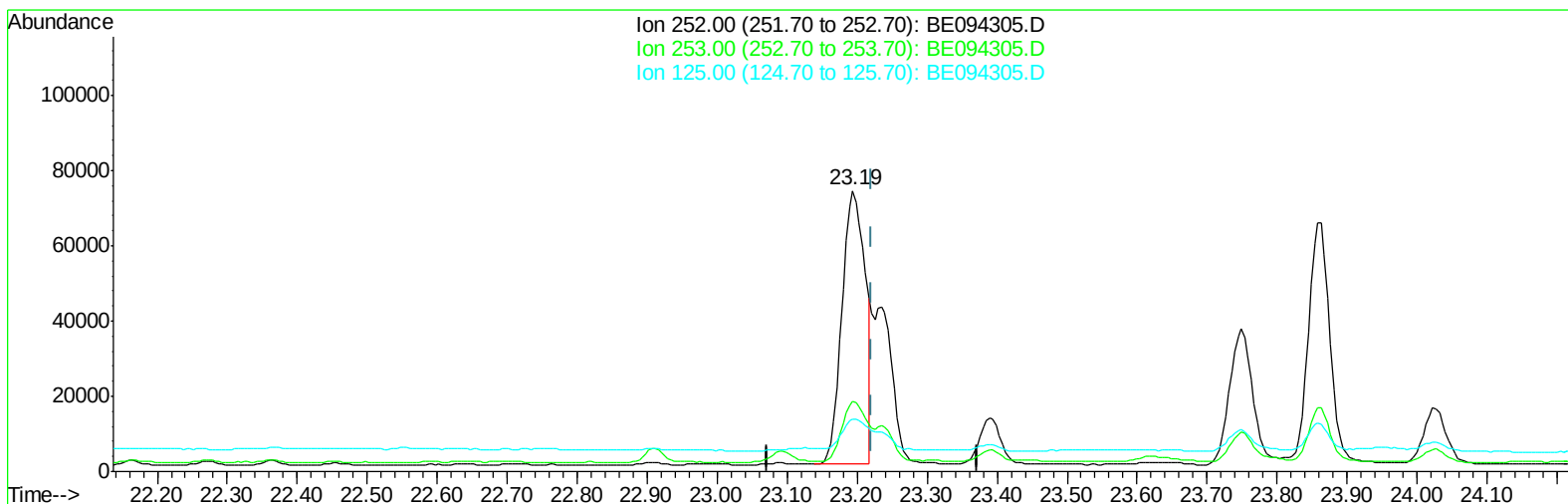
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

(22) Benzo(k)fluoranthene
23.194min (-0.028) 4.43ng/ul
response 166340

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.14
125.00	17.10	18.73
0.00	0.00	0.00

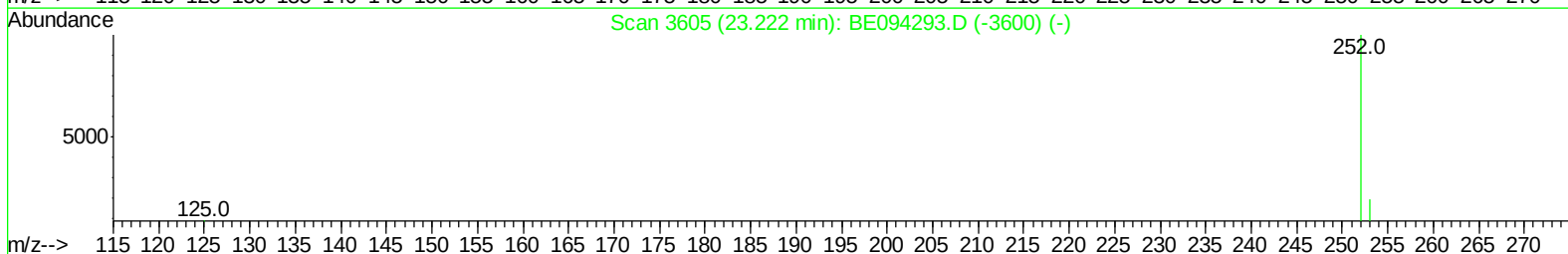
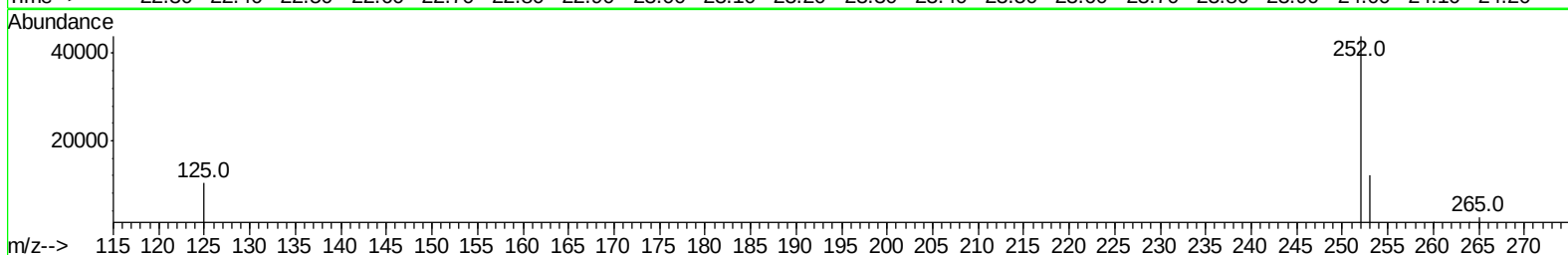
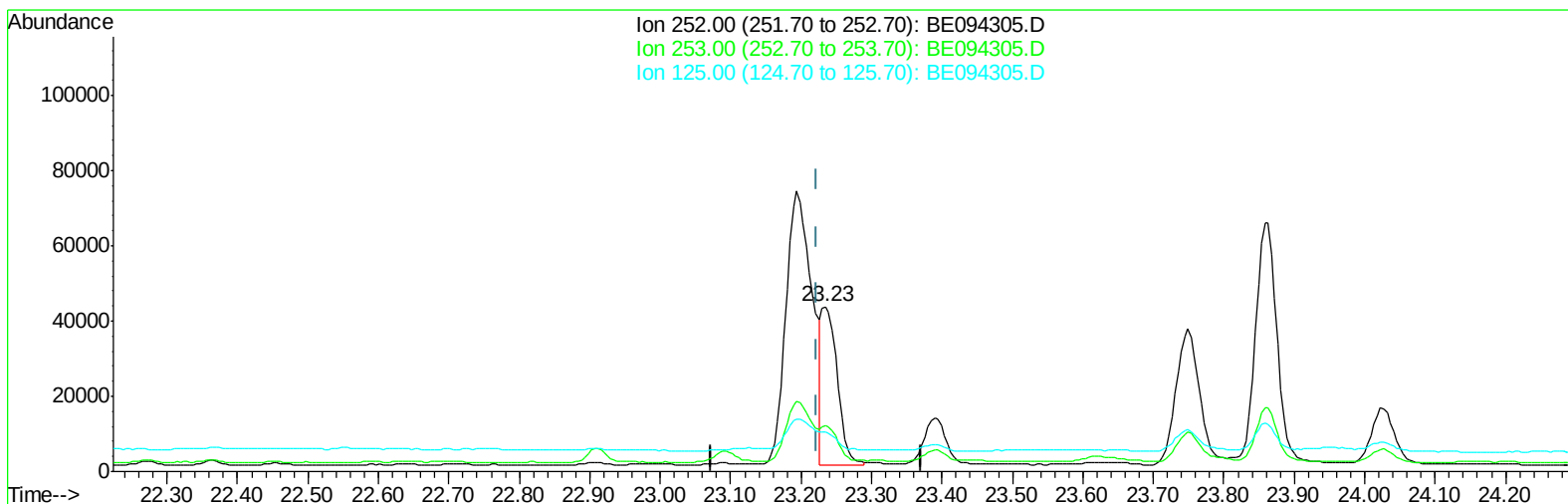
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

(22) Benzo(k)fluoranthene

23.235min (+0.012) 1.75ng/ul m

response 65731

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.66
125.00	17.10	23.69#
0.00	0.00	0.00

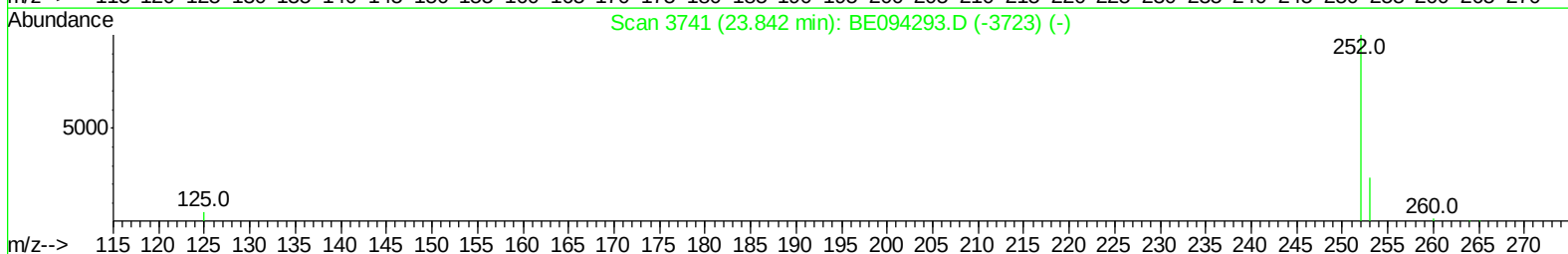
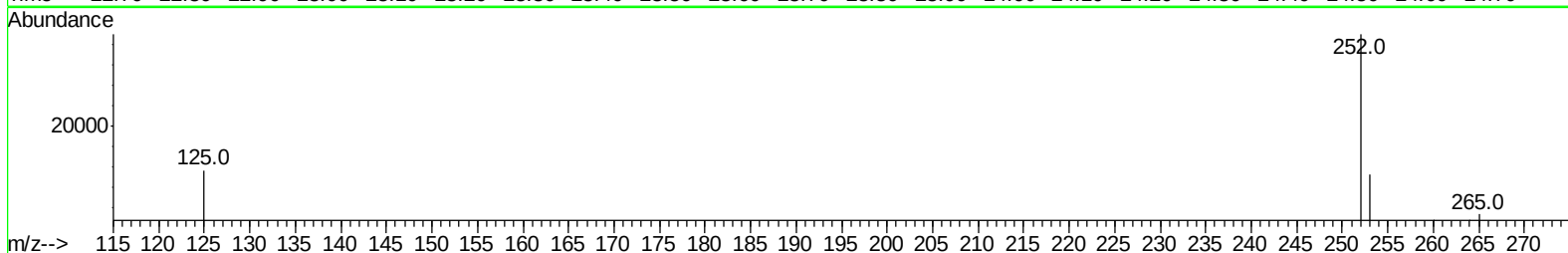
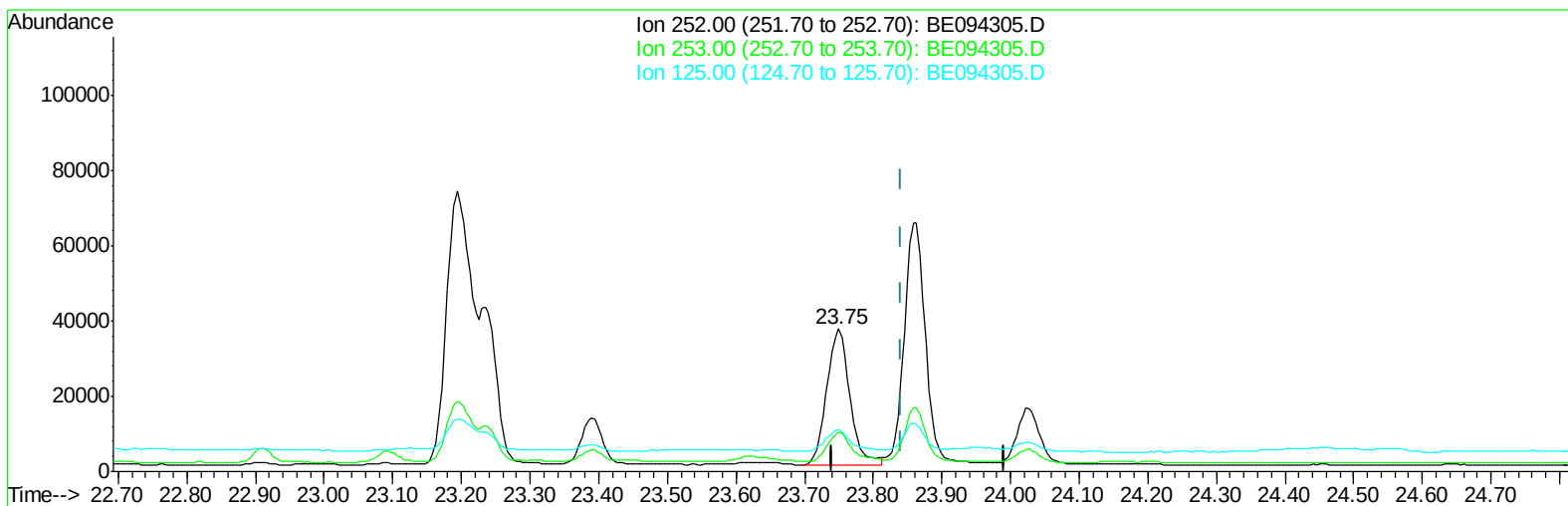
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

(23) Benzo(a)pyrene (C)

23.749min (-0.092) 2.50ng/ul

response 84439

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.42#
125.00	22.60	29.53#
0.00	0.00	0.00

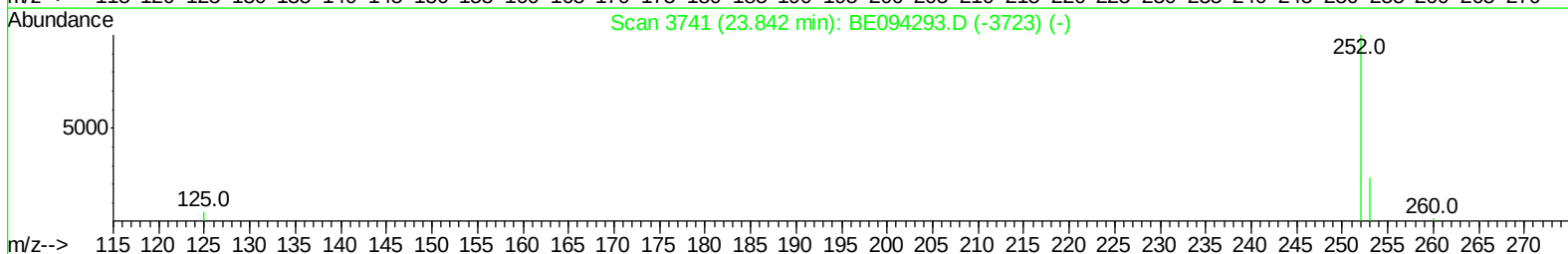
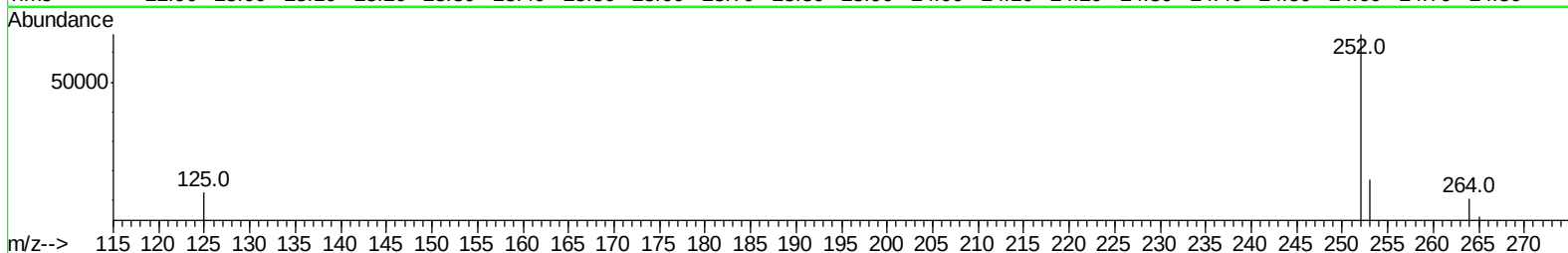
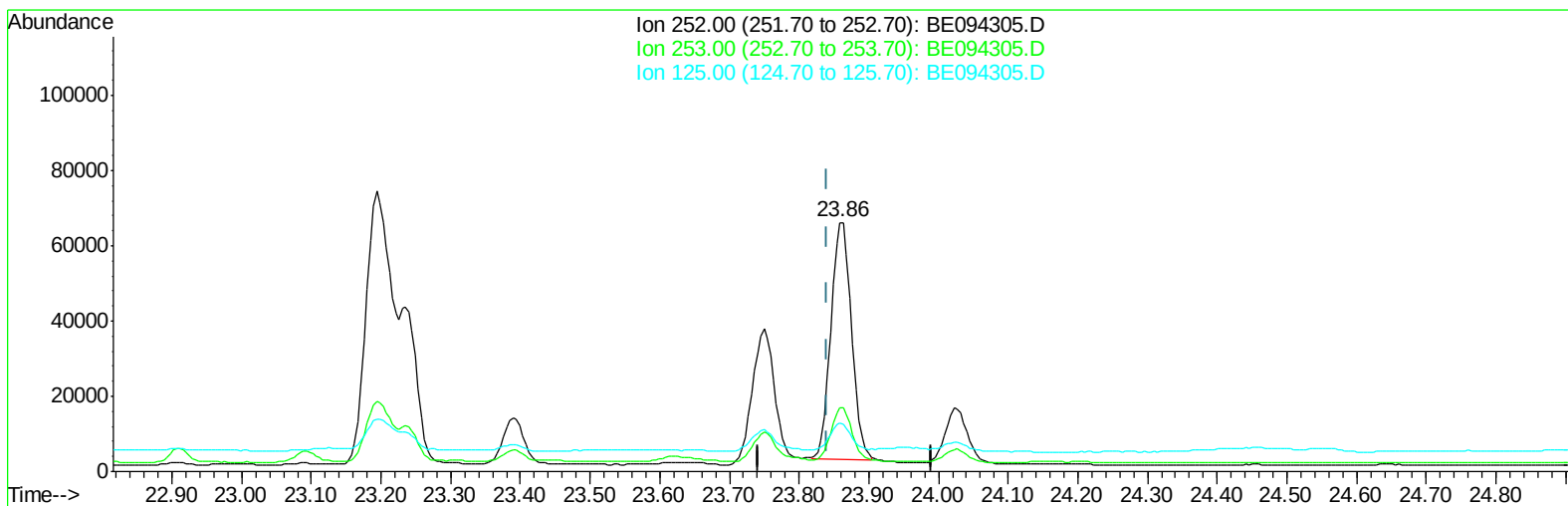
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

(23) Benzo(a)pyrene (C)

23.859min (+0.017) 3.83ng/ul m

response 129336

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	25.49#
125.00	22.60	19.58
0.00	0.00	0.00

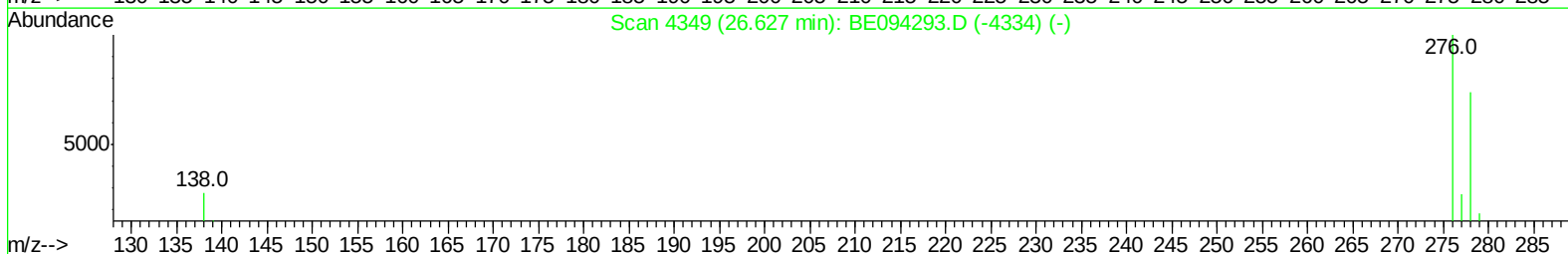
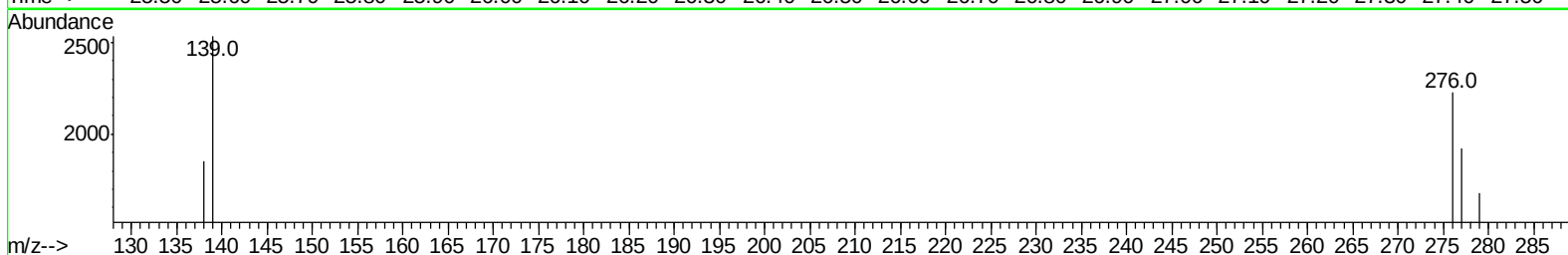
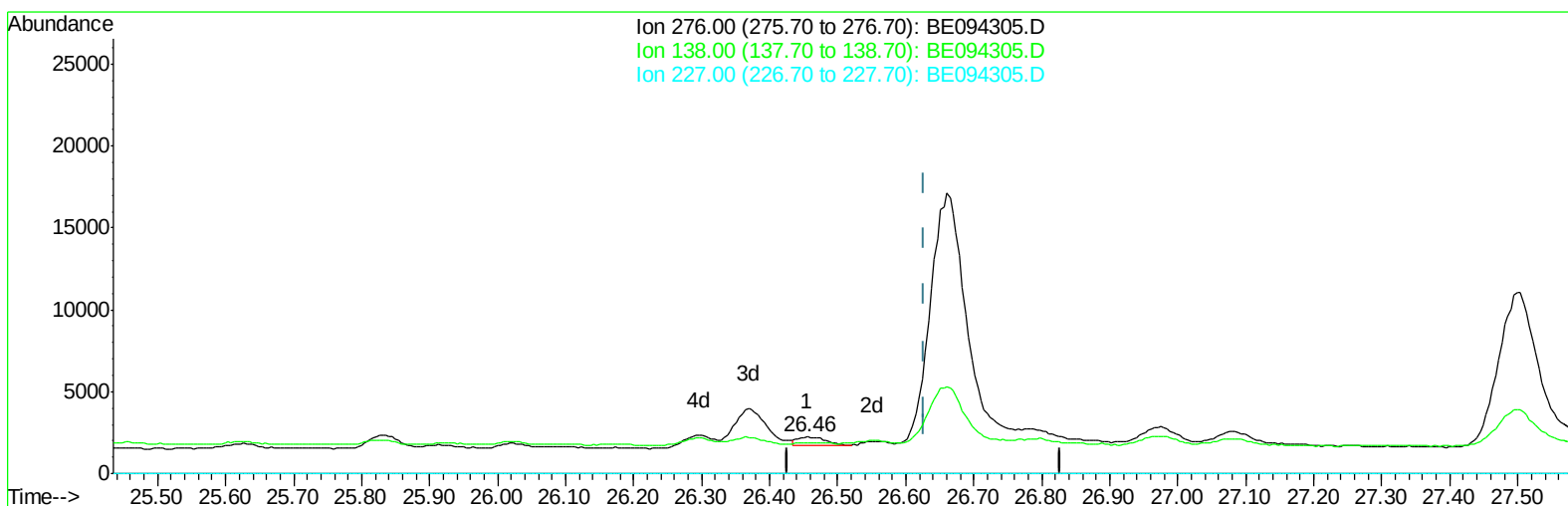
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094305.D

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

26.456min (-0.172) 0.04ng/ul

response 1440

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

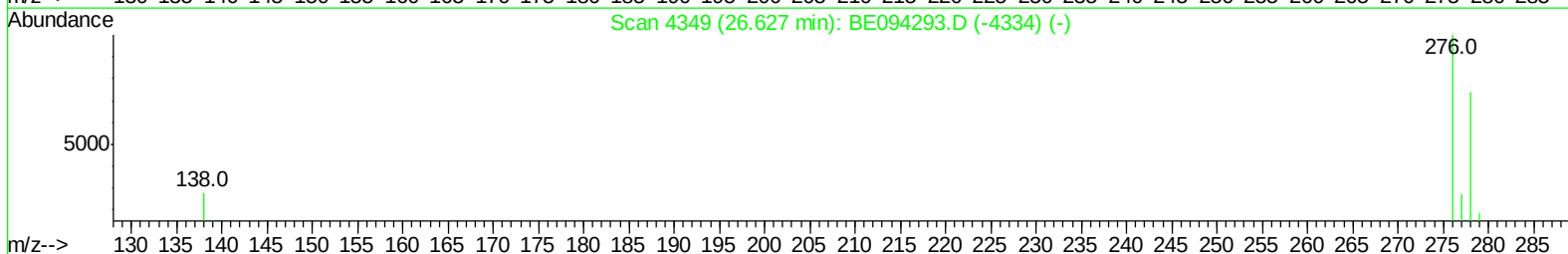
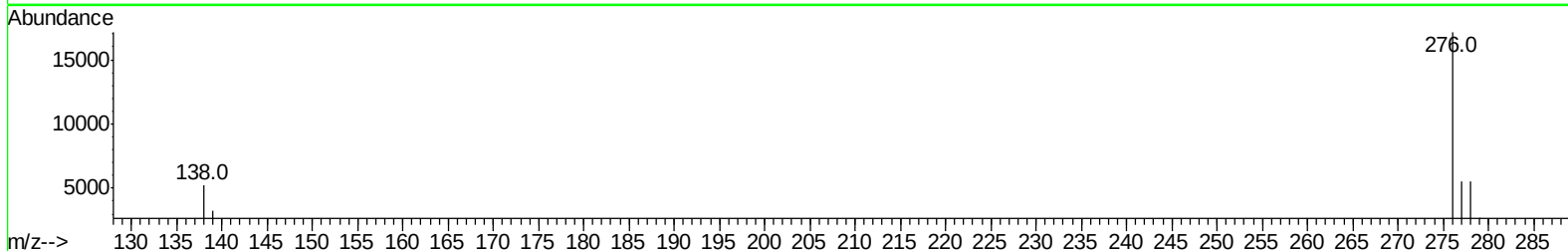
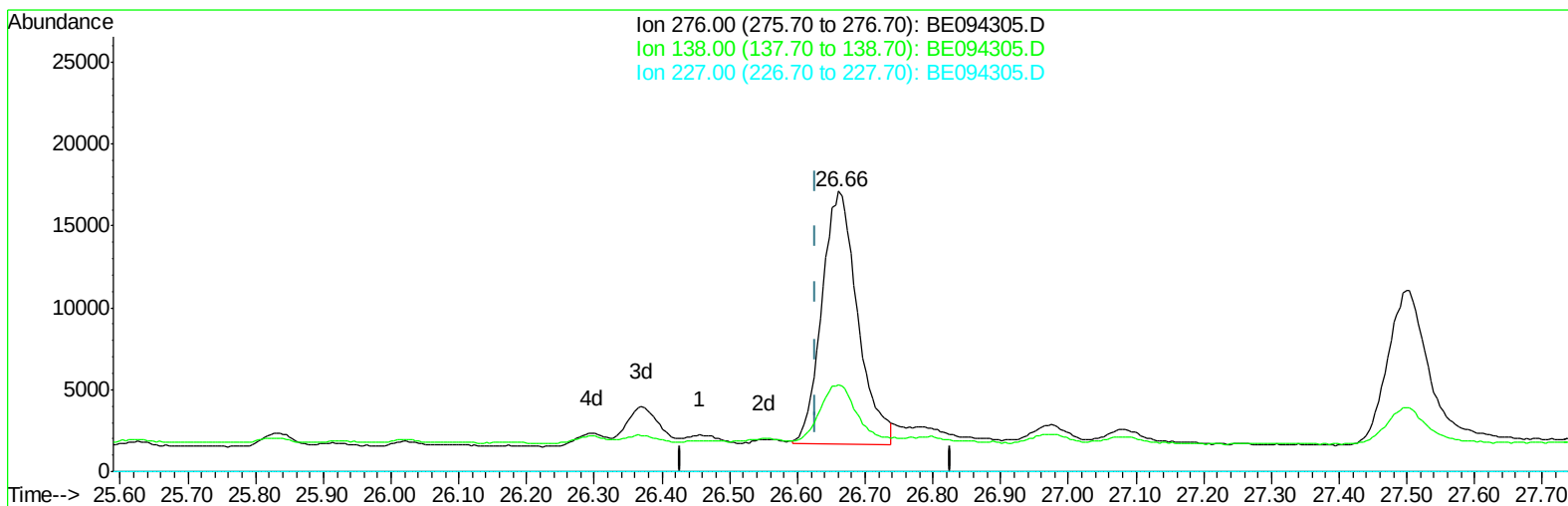
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

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

26.661min (+0.033) 1.64ng/ul m

response 56611

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

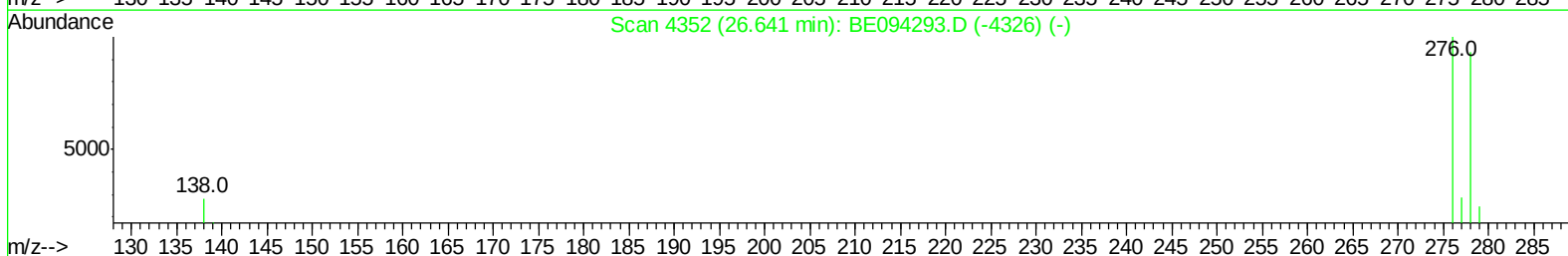
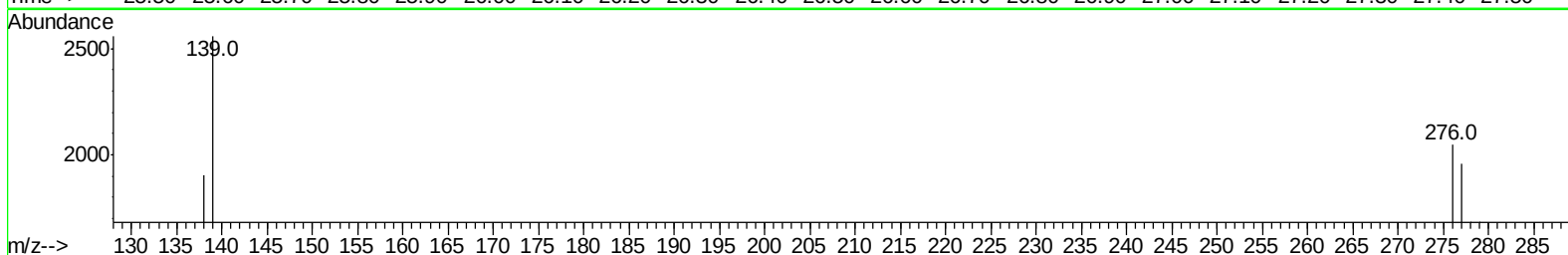
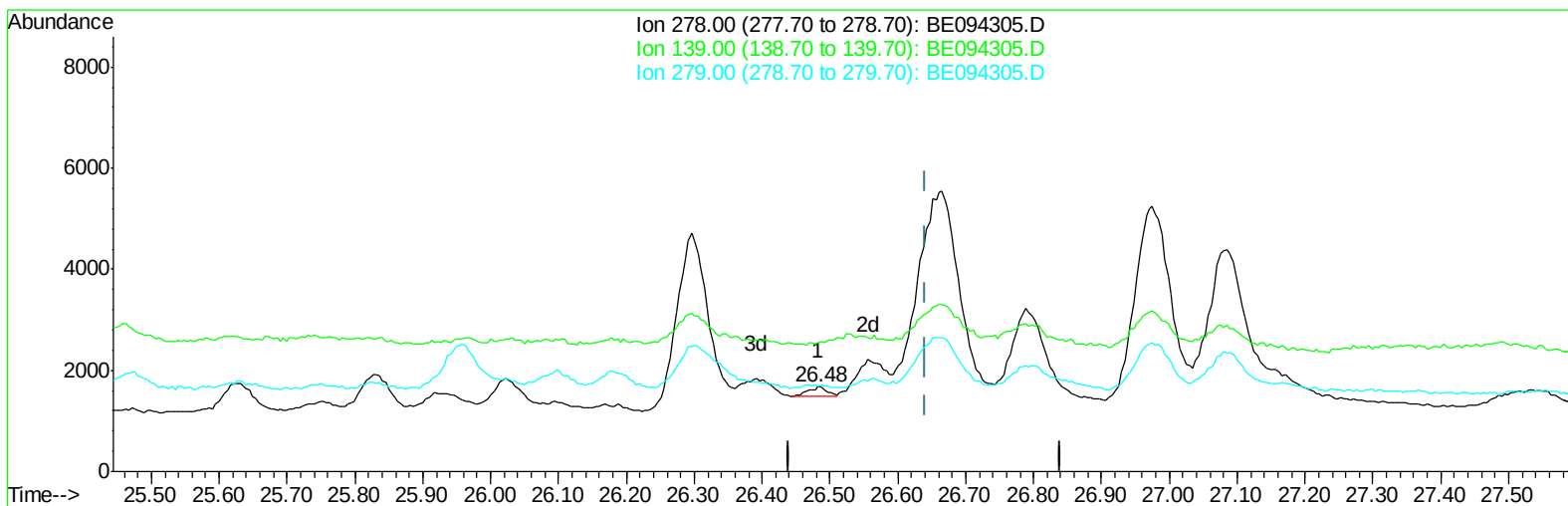
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

(25) Dibenzo(a,h)anthracene

26.483min (-0.158) 0.01ng/ul

response 345

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	152.08#
279.00	32.40	100.00#
0.00	0.00	0.00

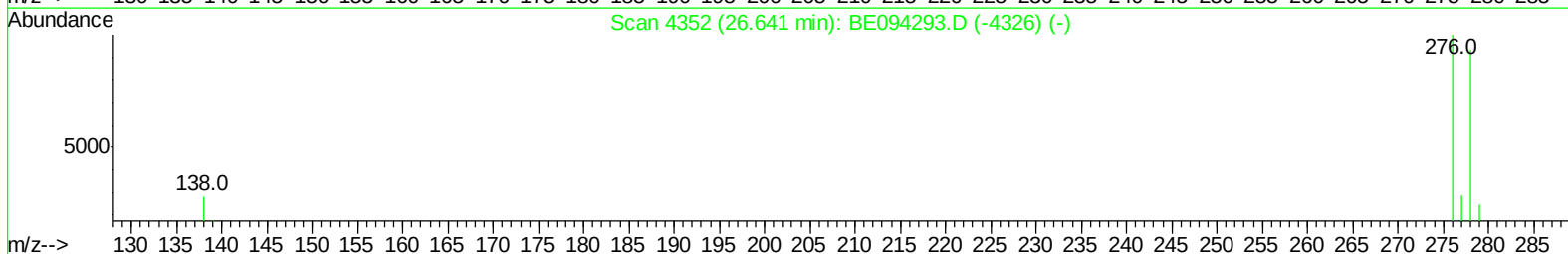
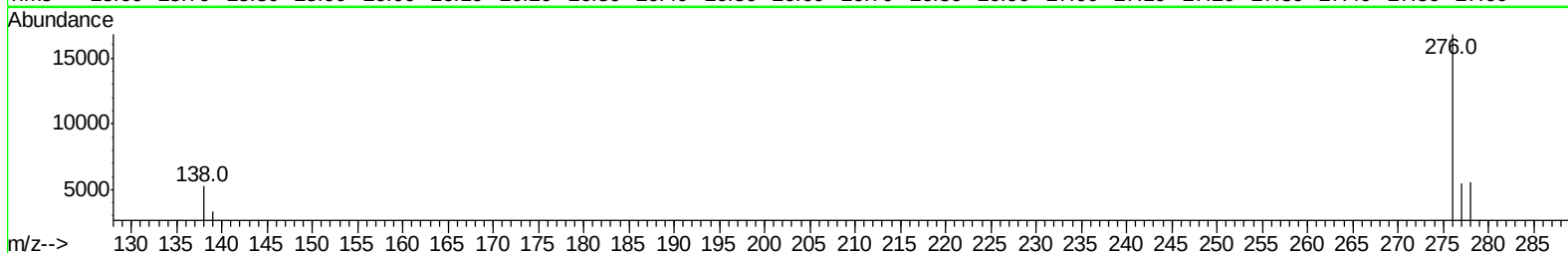
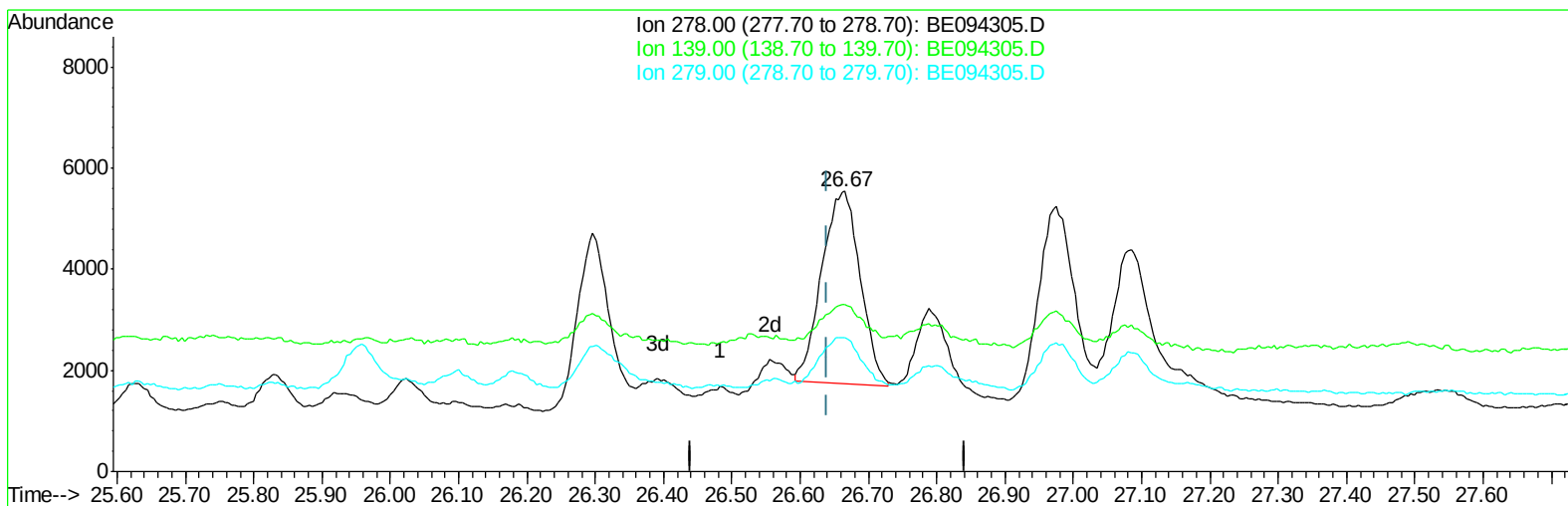
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

(25) Dibenzo(a,h)anthracene

26.665min (+0.024) 0.51ng/ul m

response 14844

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	59.49#
279.00	32.40	47.81#
0.00	0.00	0.00

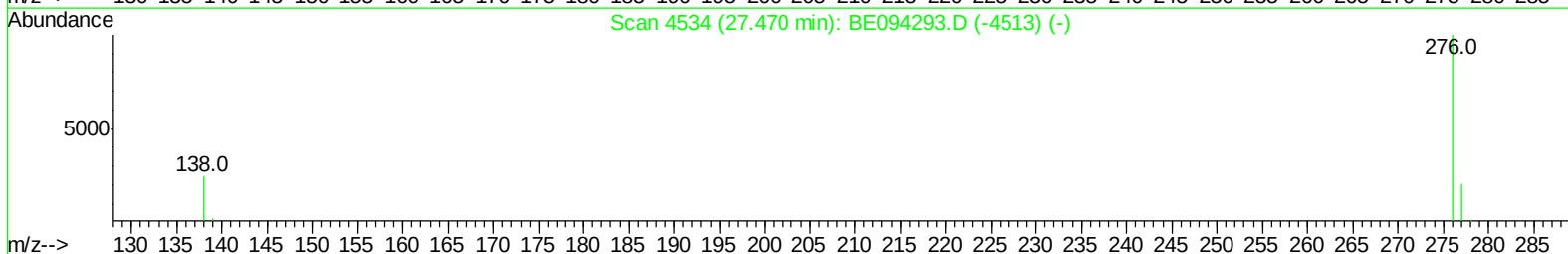
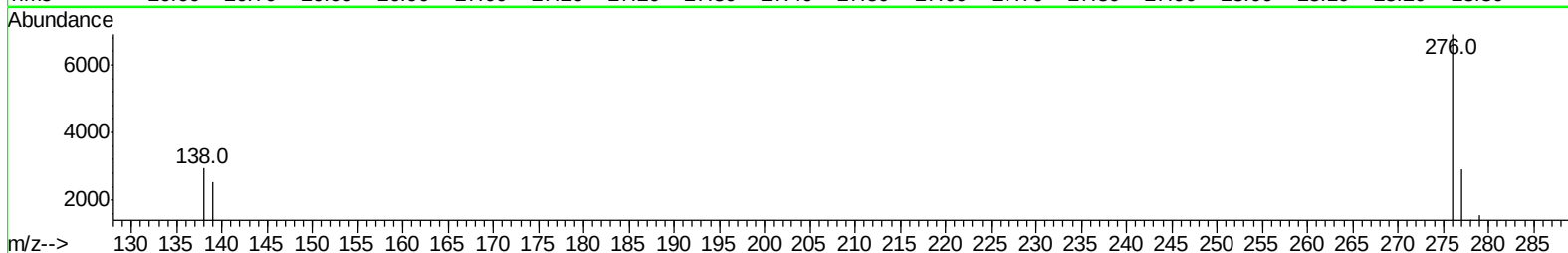
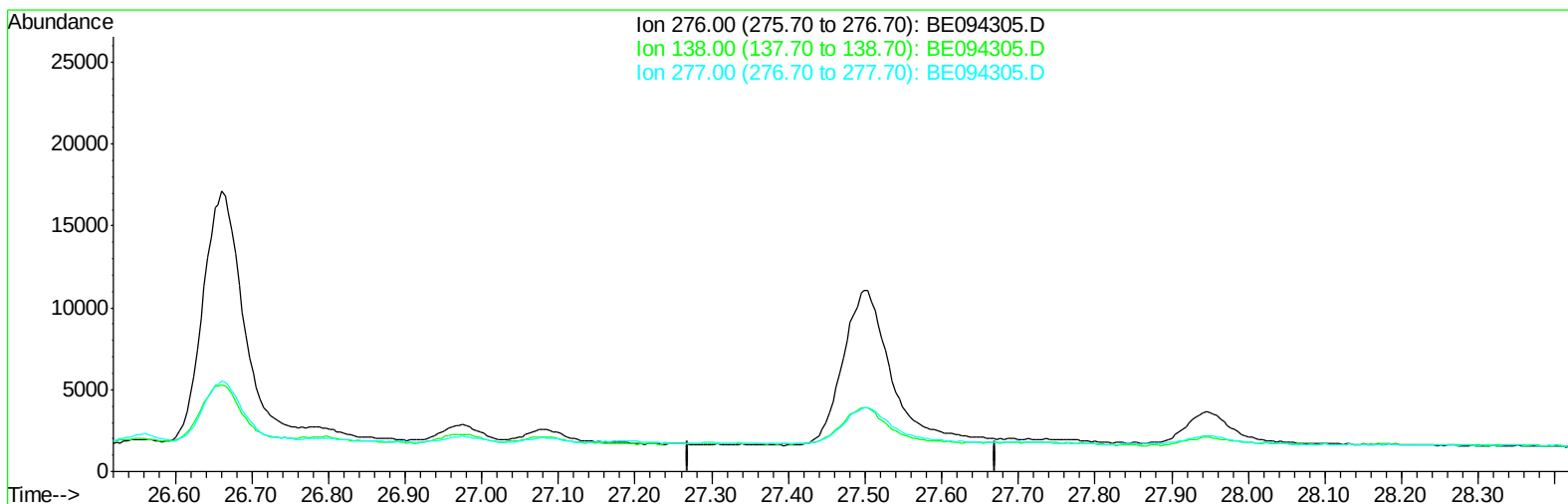
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

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

27.470min (-27.470) 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

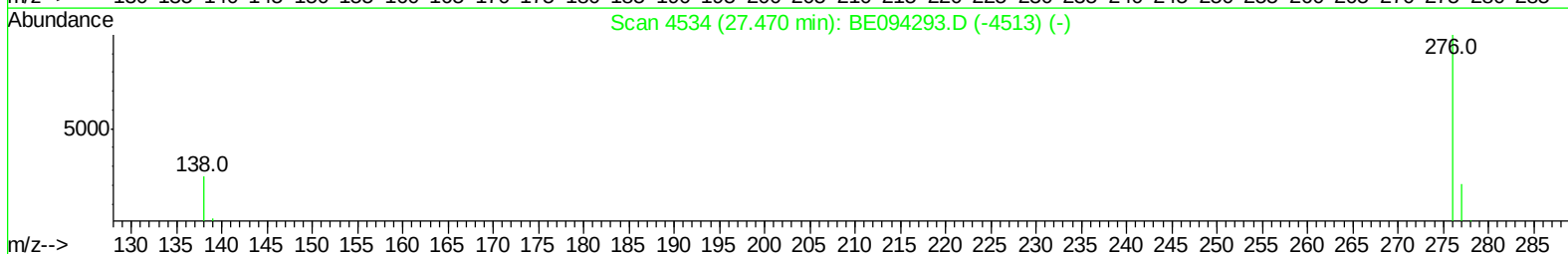
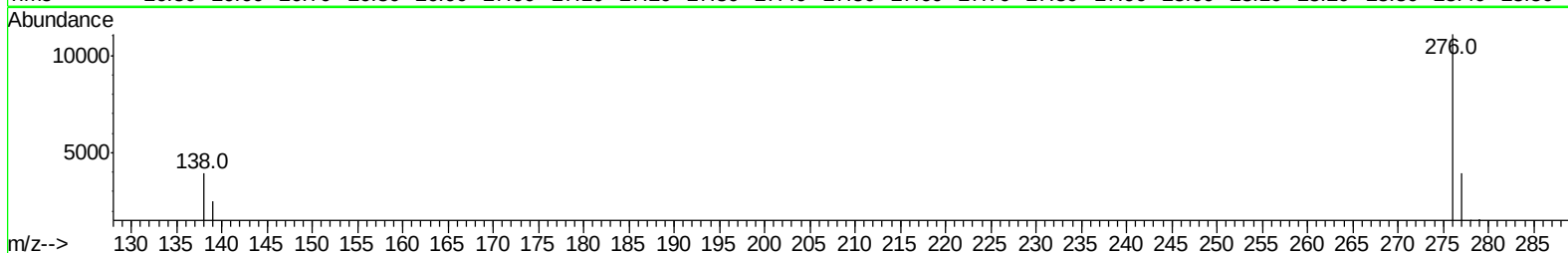
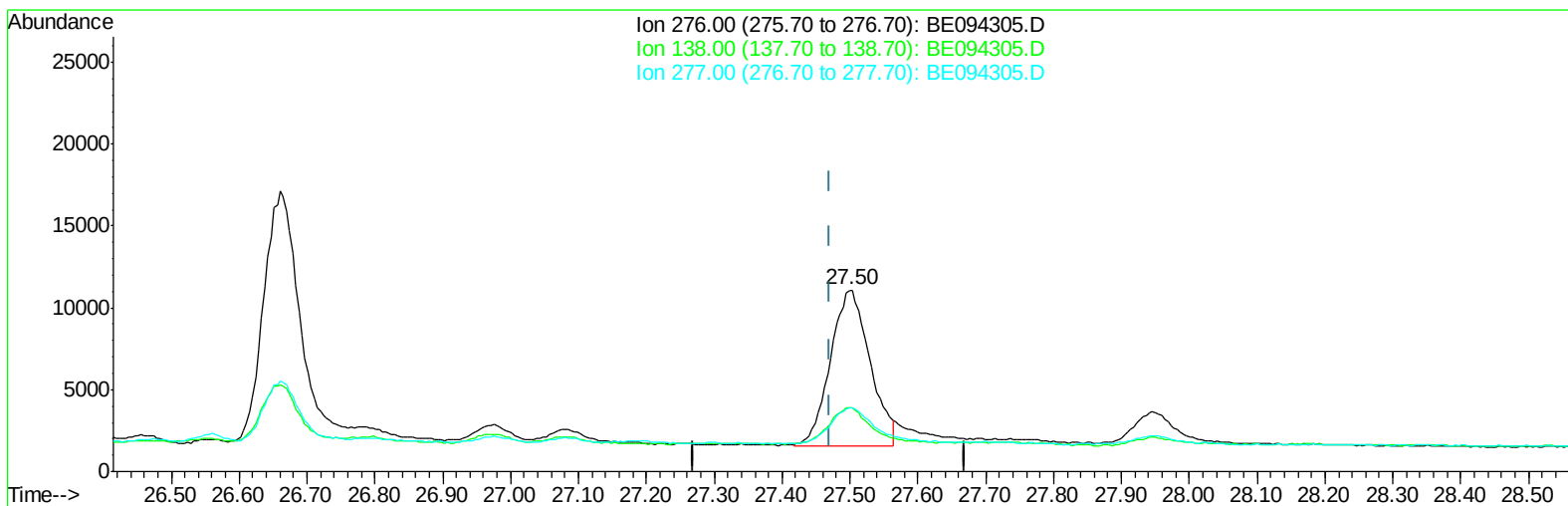
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 2017
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Response via : Initial Calibration



TIC: BE094305.D

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

27.499min (+0.029) 1.30ng/ul m

response 38592

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	35.47#
277.00	25.60	35.47#
0.00	0.00	0.00

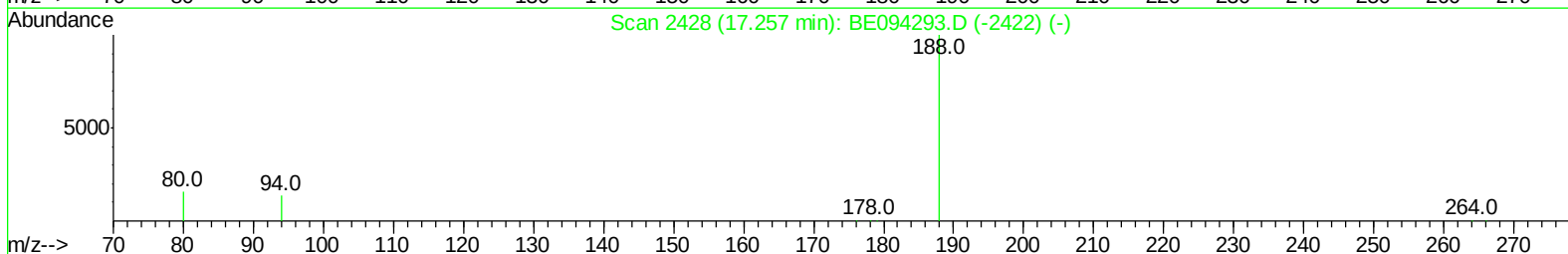
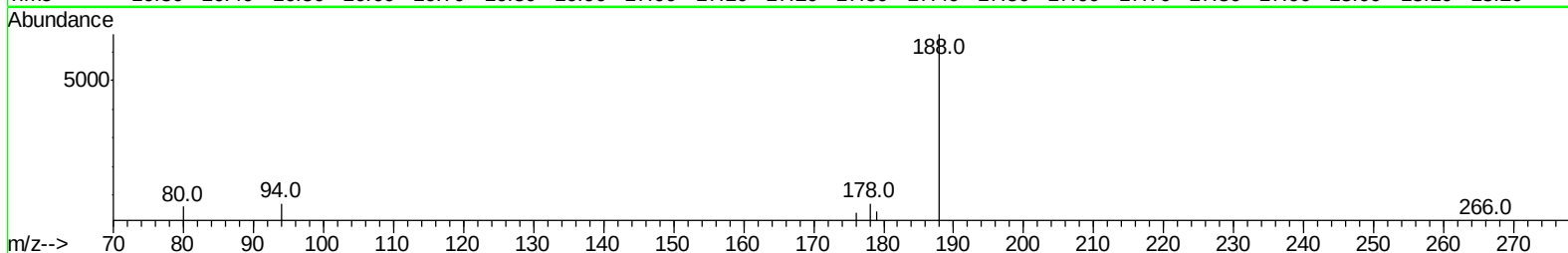
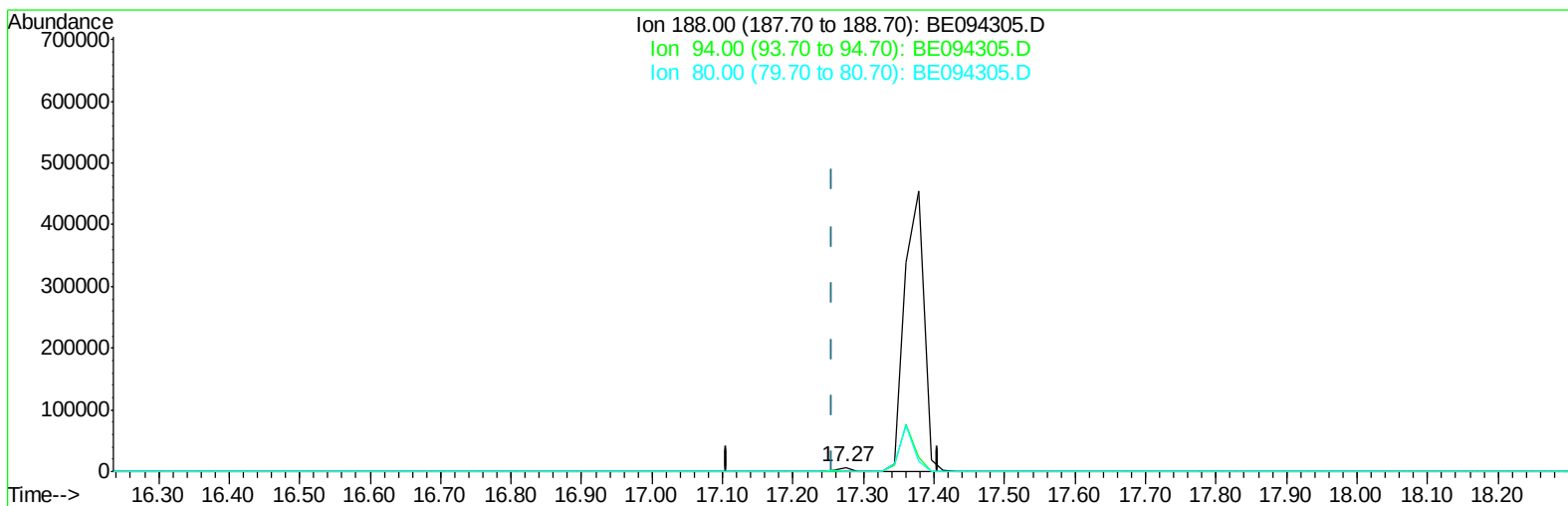
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 08:59:38 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: BE094305.D

(10) Phenanthrene-d10 (I)

17.274min (+0.018) 0.40ng/ul m

response 10796

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.99
80.00	11.80	9.14#
0.00	0.00	0.00

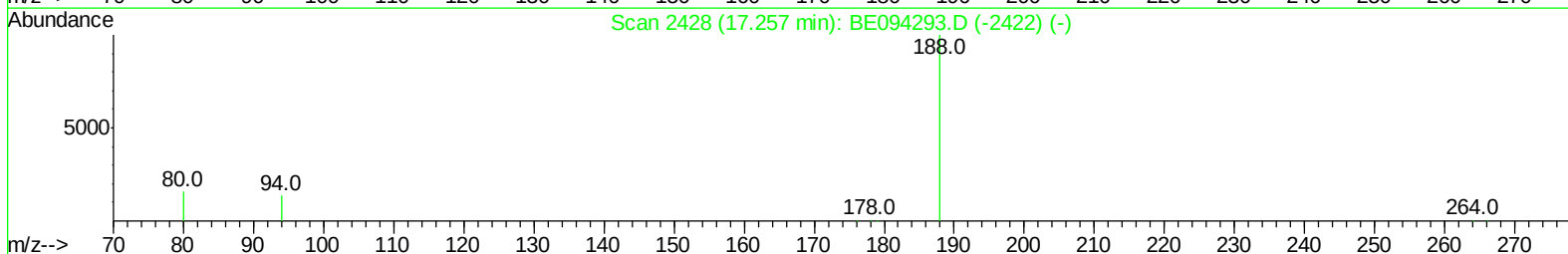
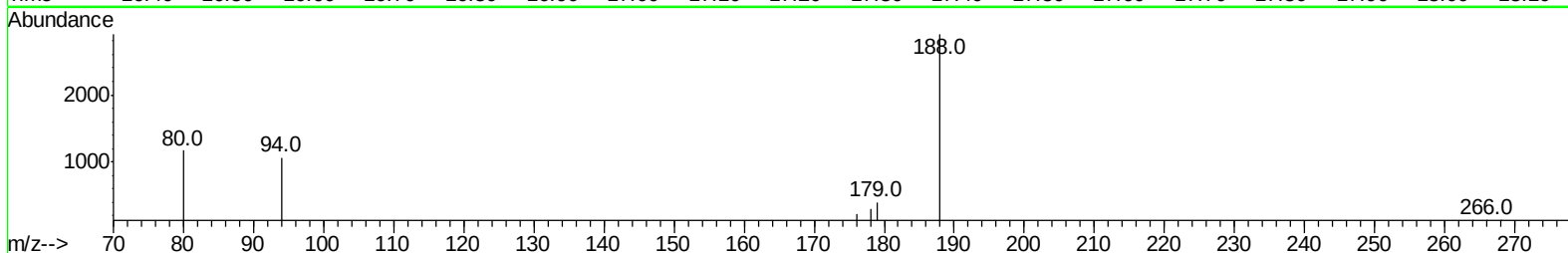
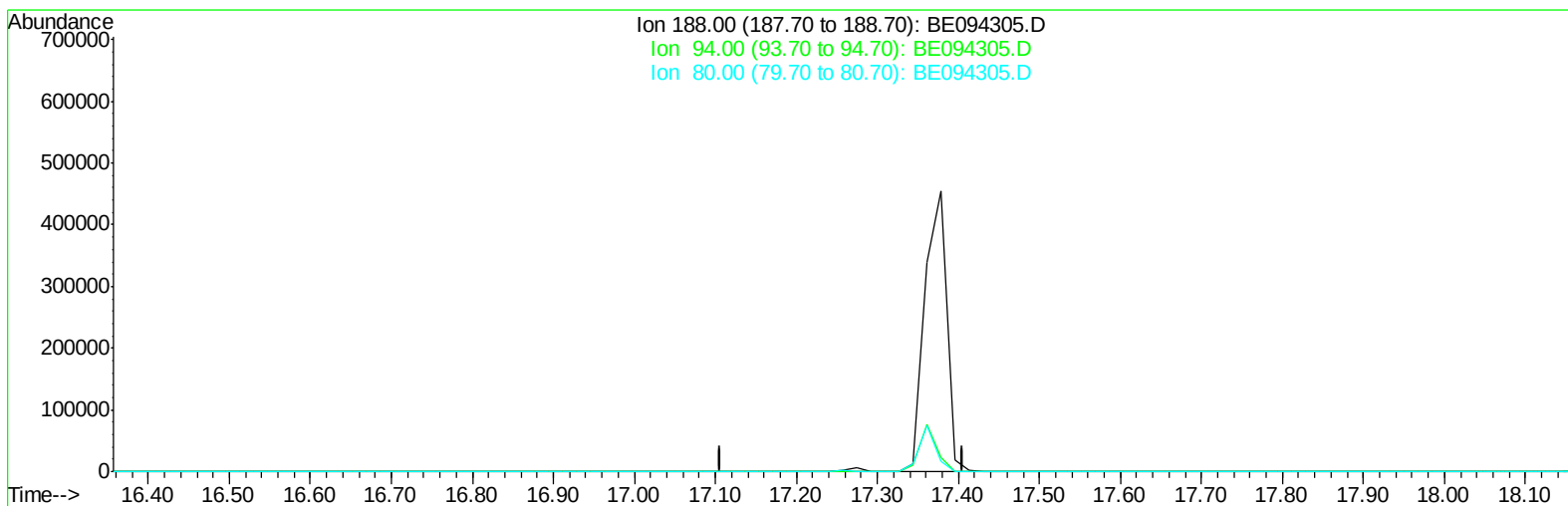
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 08:59:38 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: BE094305.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

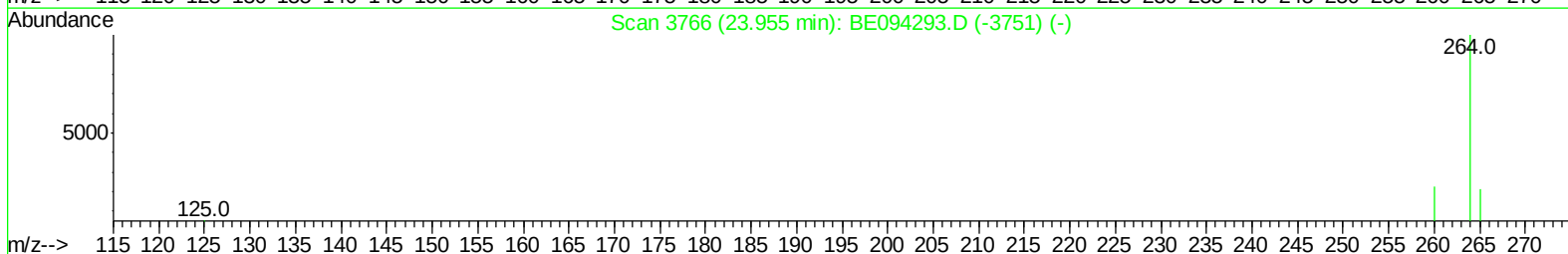
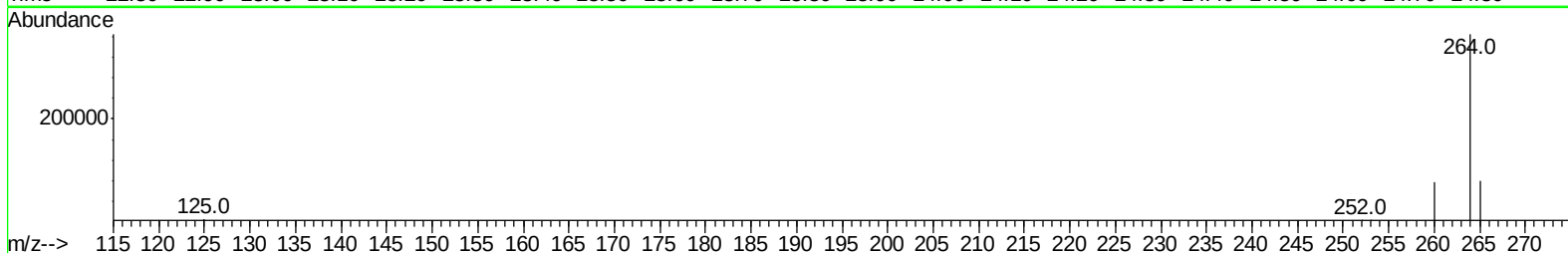
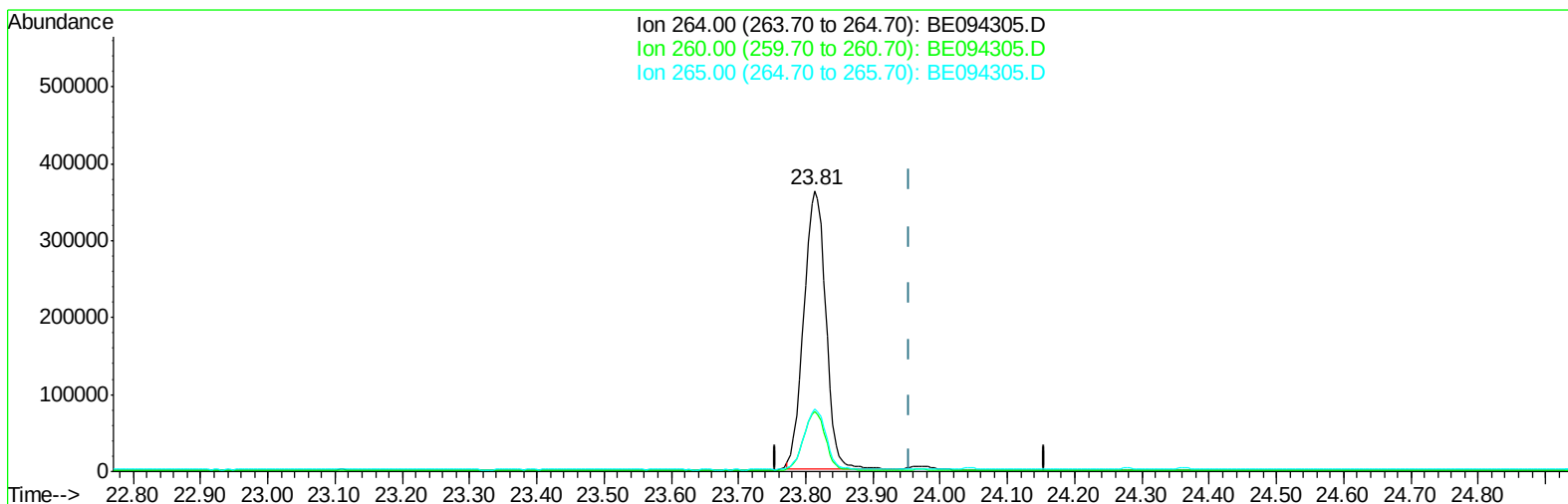
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:39:22 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: BE094305.D

(20) Perylene-d12 (I)

23.813min (-0.142) 0.40ng/ul

response 816427

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.32#
265.00	103.50	22.08#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094305.D
 Acq On : 12 Oct 2017 6:56
 Operator : SJ/JU
 Sample : I5550-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF1

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:41:59 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5257	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10796m	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9687	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11953m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4809	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	11534	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	17223	0.773	ng/ul#	91
5) 2-Methylnaphthalene	12.37	142	6875	0.476	ng/ul	98
7) Acenaphthylene	14.26	152	2299	0.112	ng/ul#	81
8) Acenaphthene	14.60	153	17188	1.019	ng/ul	99
9) Fluorene	15.58	166	25999	1.316	ng/ul	92
12) Phenanthrene	17.31	178	425160	15.070	ng/ul#	89
13) Anthracene	17.40	178	104981	3.826	ng/ul#	88
15) Fluoranthene	19.33	202	479476	12.935	ng/ul	84
17) Pyrene	19.69	202	408274	15.148	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	209108	8.137	ng/ul#	86
19) Chrysene	21.47	228	178180	6.004	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	166340	5.123	ng/ul	91
22) Benzo(k)fluoranthene	23.23	252	65731m	1.751	ng/ul	
23) Benzo(a)pyrene	23.86	252	129336m	3.833	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.66	276	56611m	1.640	ng/ul	
25) Dibenzo(a,h)anthracene	26.67	278	14844m	0.513	ng/ul	
26) Benzo(a,h,i)perylene	27.50	276	38592m	1.296	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094305.D
Acq On : 12 Oct 2017 6:56
Operator : SJ/JU
Sample : I5550-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

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