

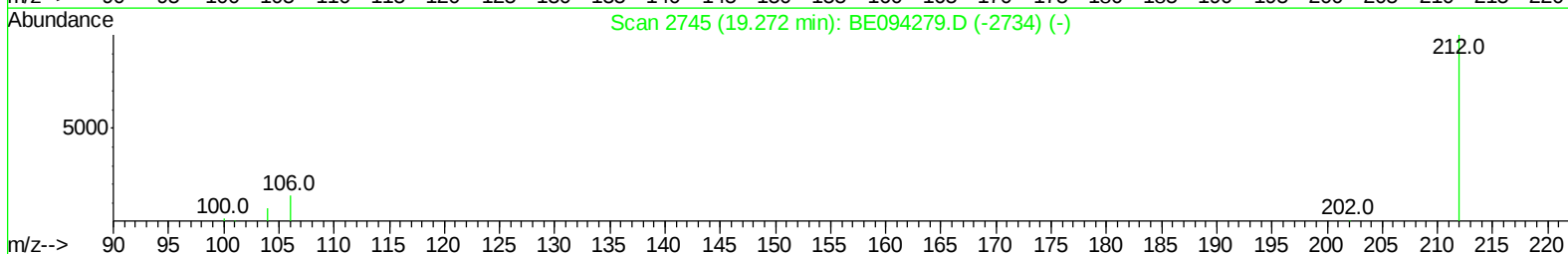
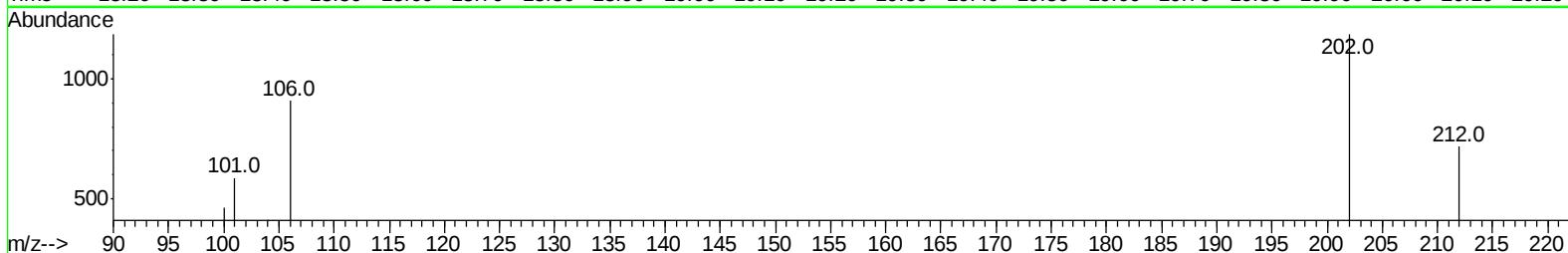
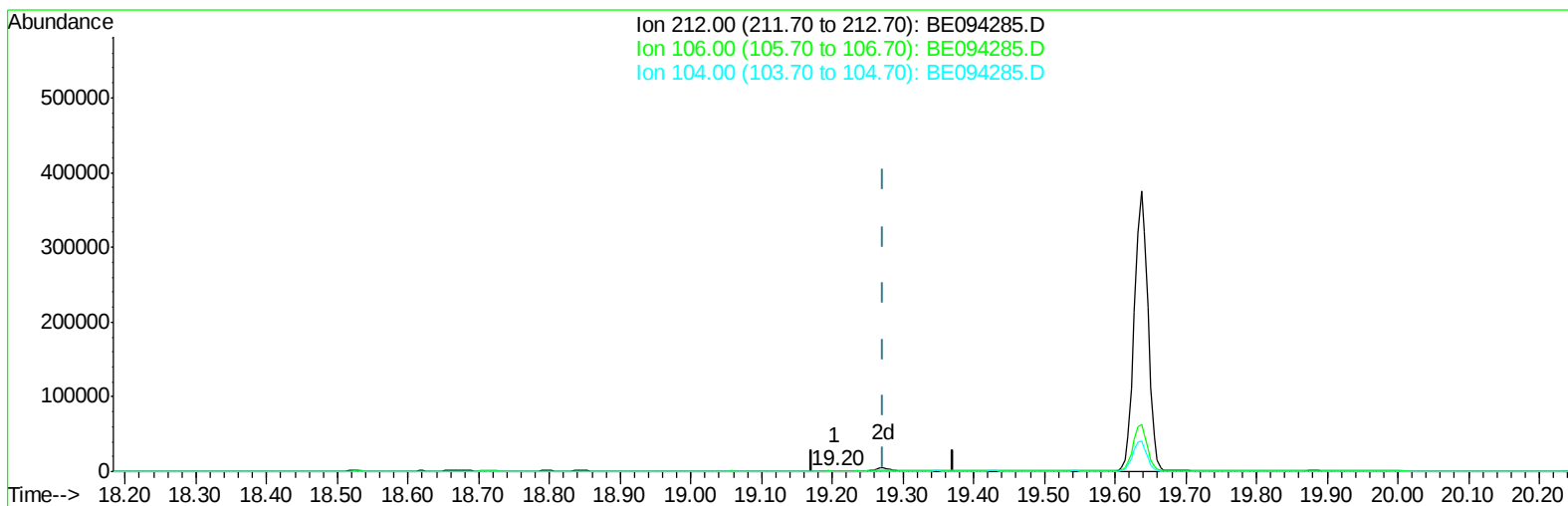
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 07:35:38 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

(14) Fluoranthene-d10 (SURR)

19.204min (-0.068) 0.01ng/ul

response 350

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	20.57
104.00	15.60	17.14
0.00	0.00	0.00

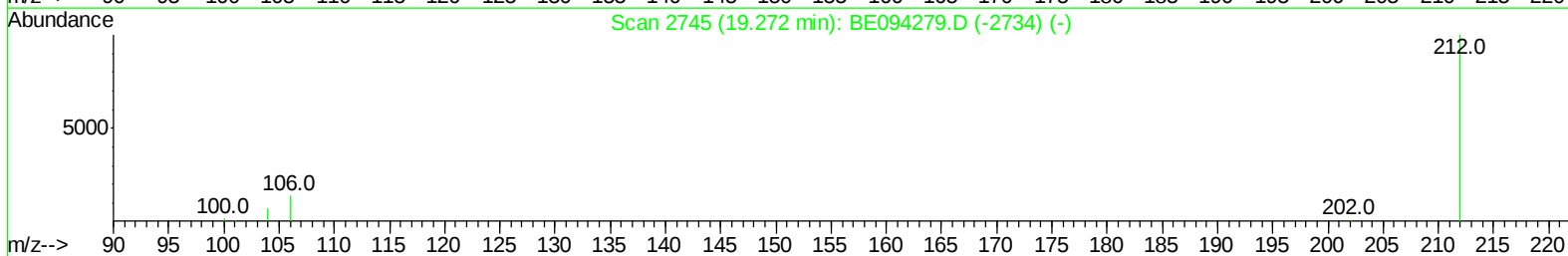
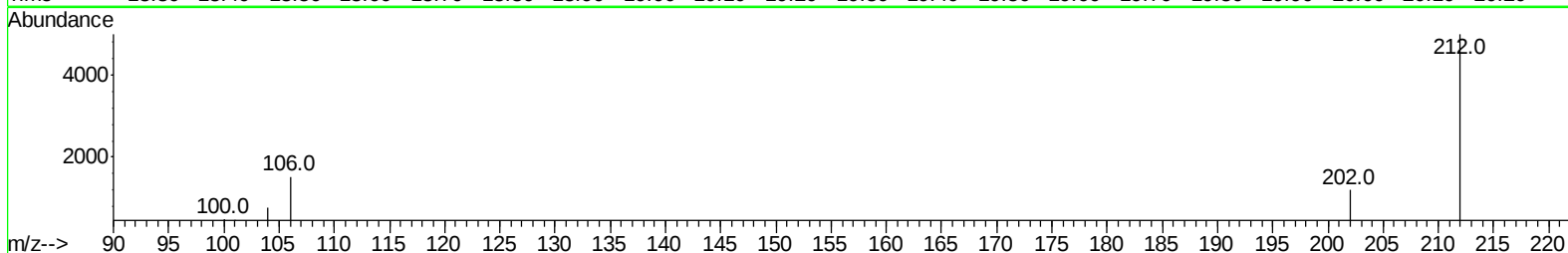
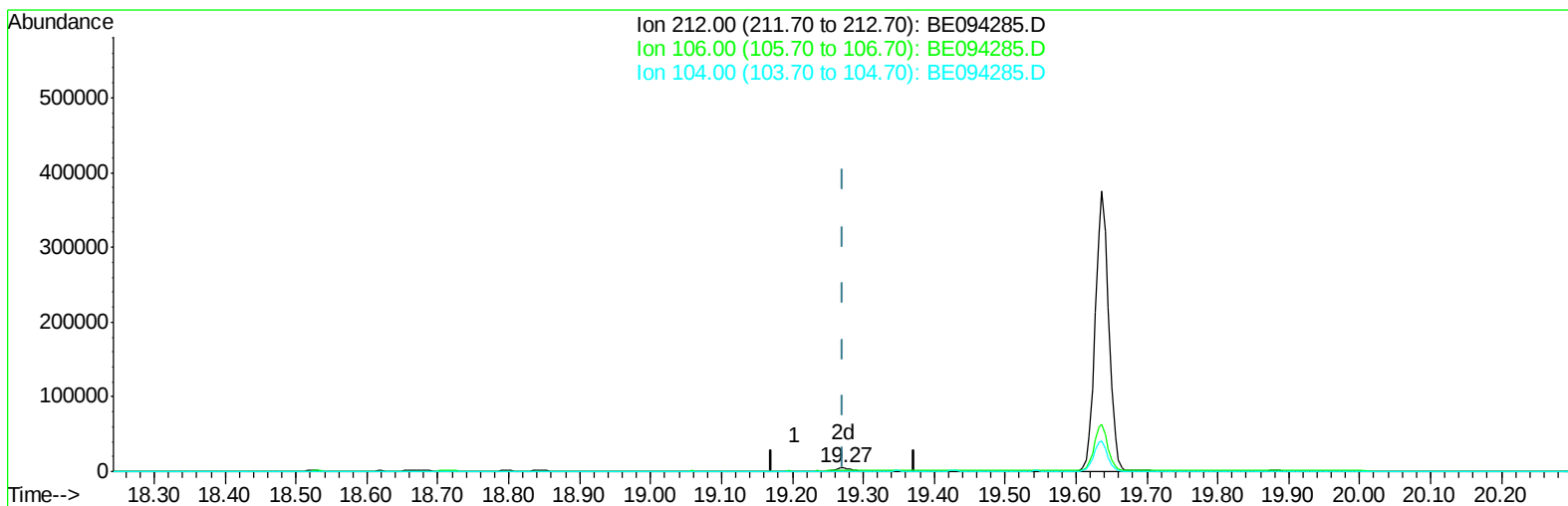
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 07:35:38 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

(14) Fluoranthene-d10 (SURR)

19.272min (+0.000) 0.17ng/ul m

response 6263

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	1.15#
104.00	15.60	0.96#
0.00	0.00	0.00

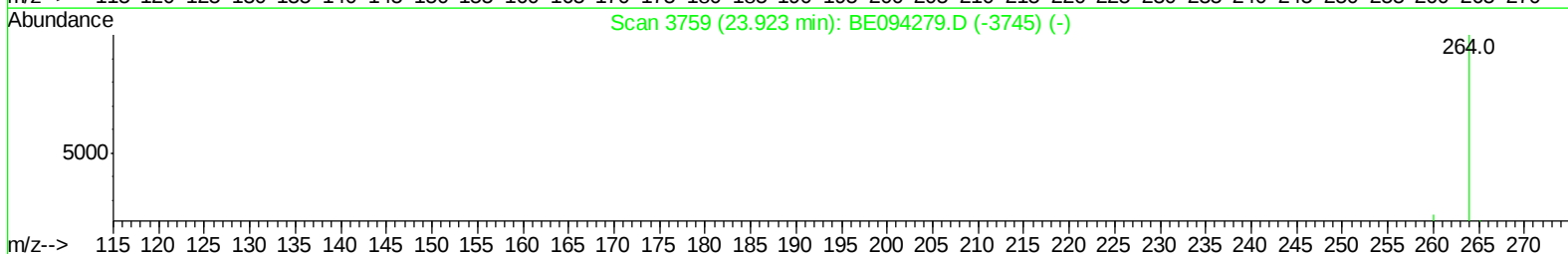
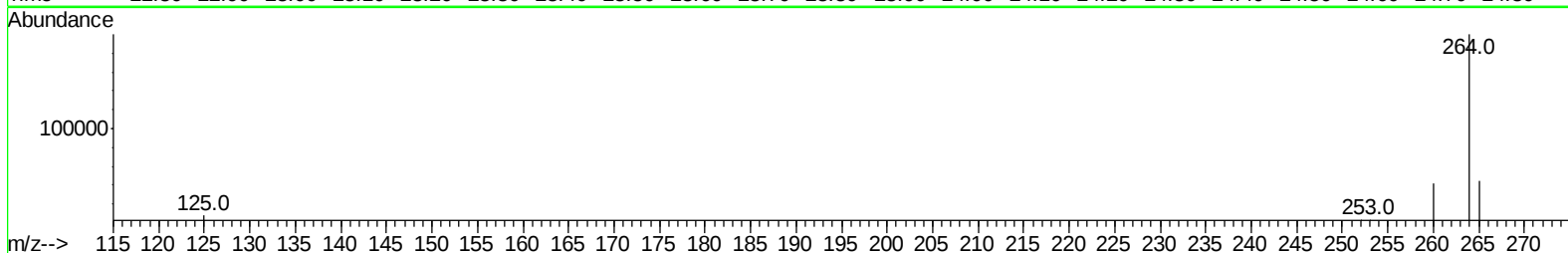
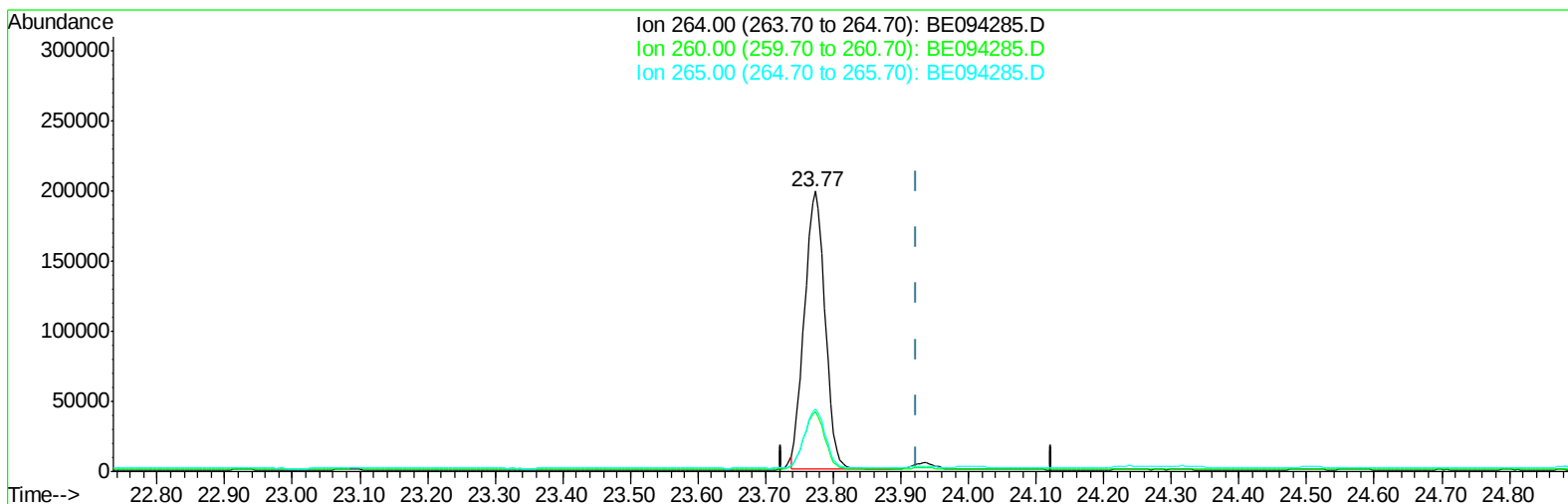
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:24:44 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

(20) Perylene-d12 (I)

23.774min (-0.149) 0.40ng/ul

response 420850

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.28#
265.00	103.50	22.36#
0.00	0.00	0.00

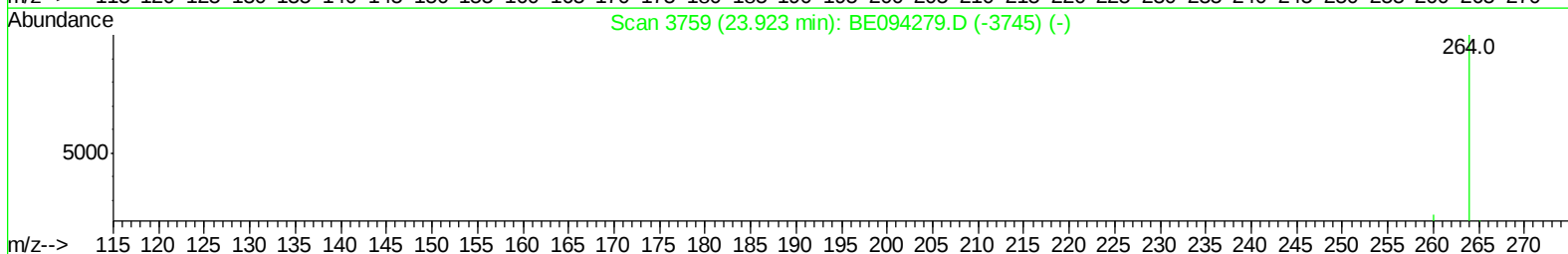
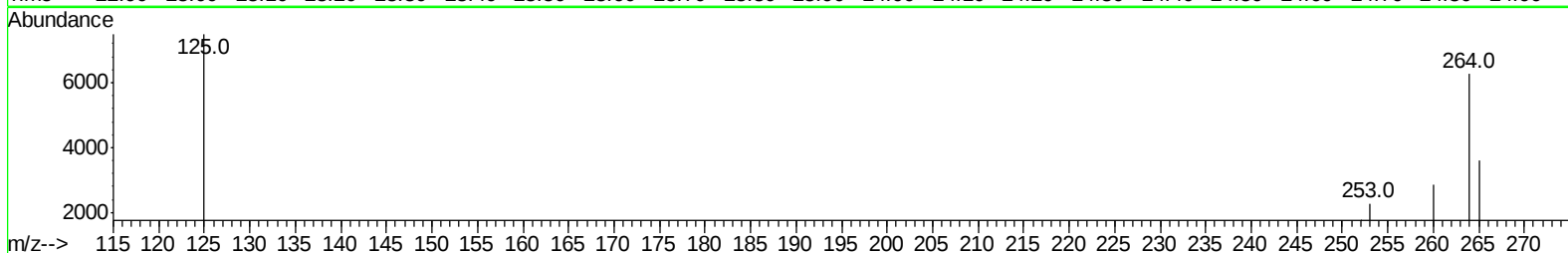
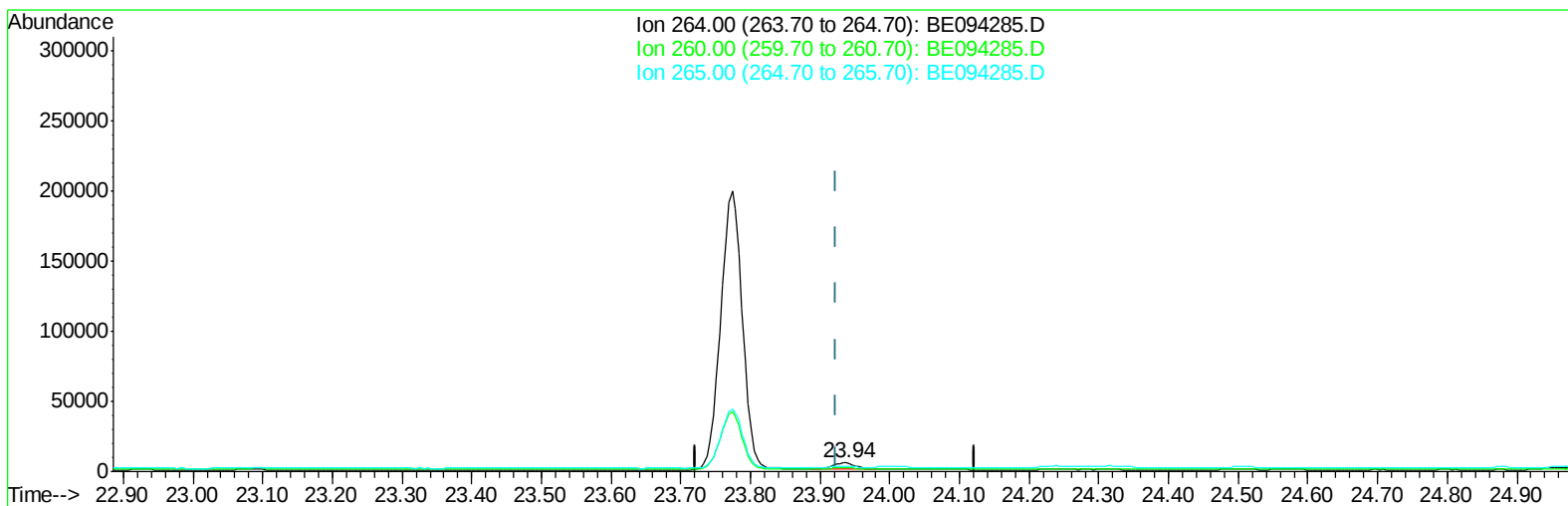
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:24:44 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

(20) Perylene-d12 (I)

23.938min (+0.014) 0.40ng/ul m

response 10648

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	45.22#
265.00	103.50	57.33#
0.00	0.00	0.00

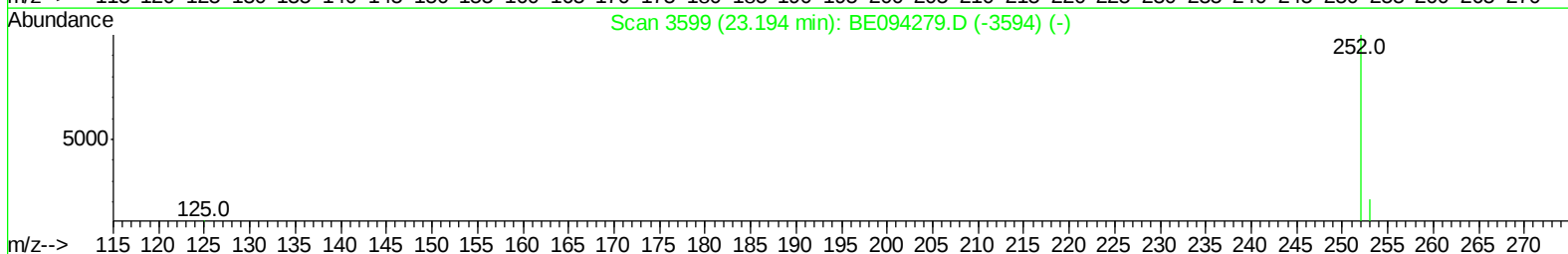
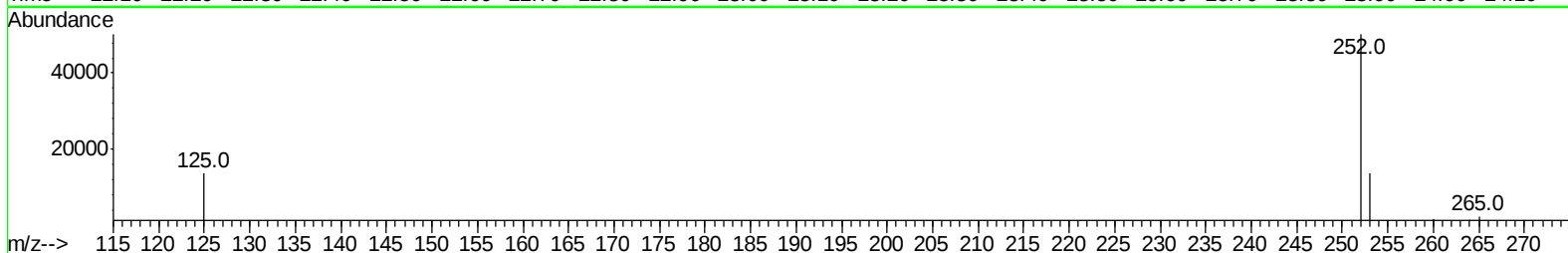
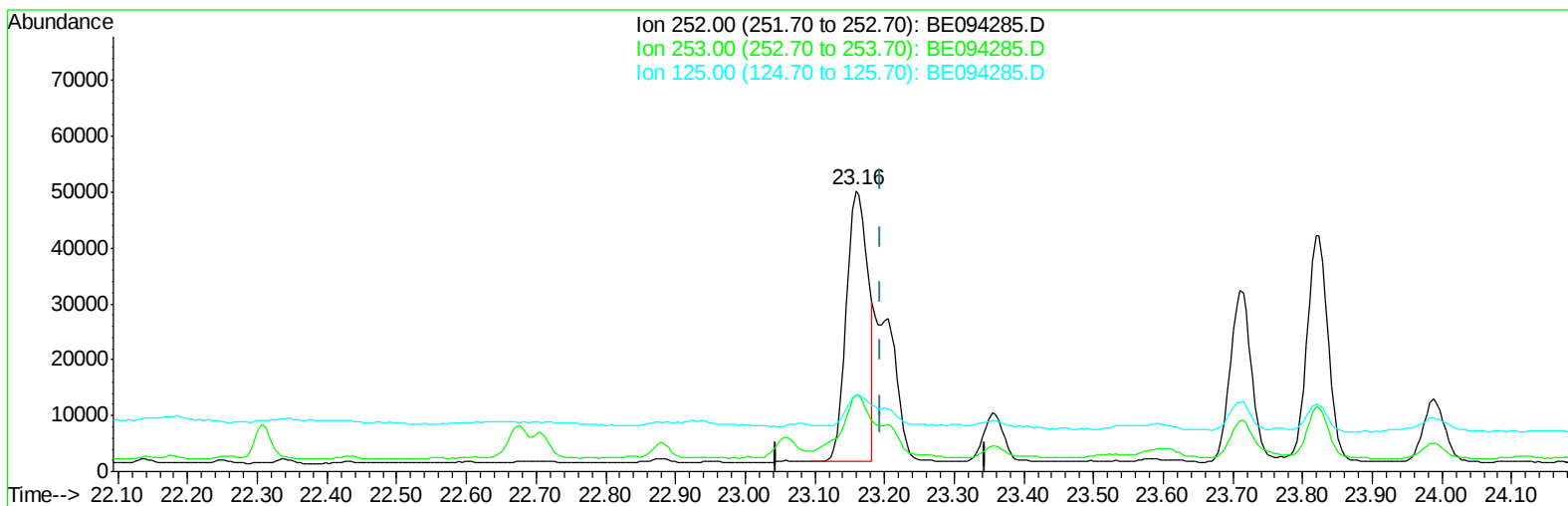
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:25:27 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

(22) Benzo(k)fluoranthene
23.159min (-0.036) 3.15ng/ul
response 105360

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.31
125.00	17.10	27.45#
0.00	0.00	0.00

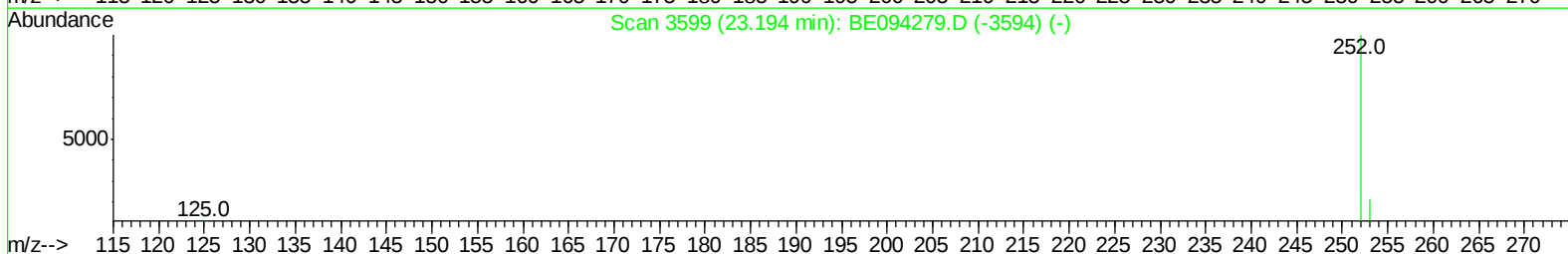
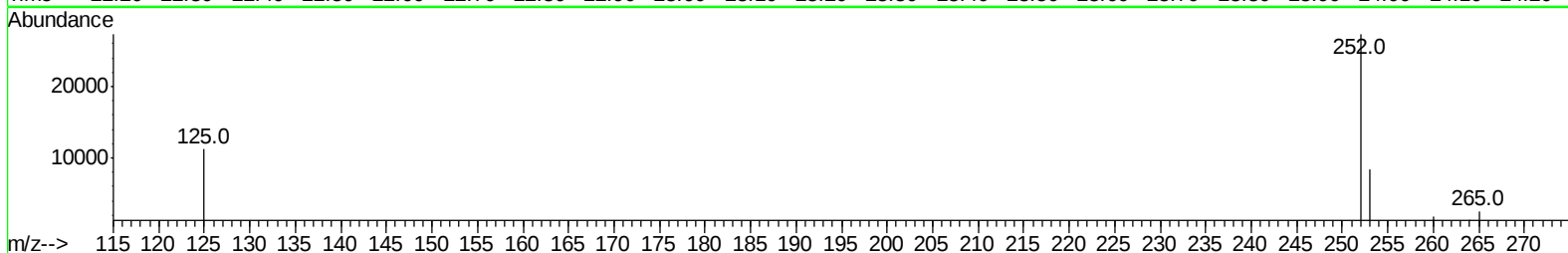
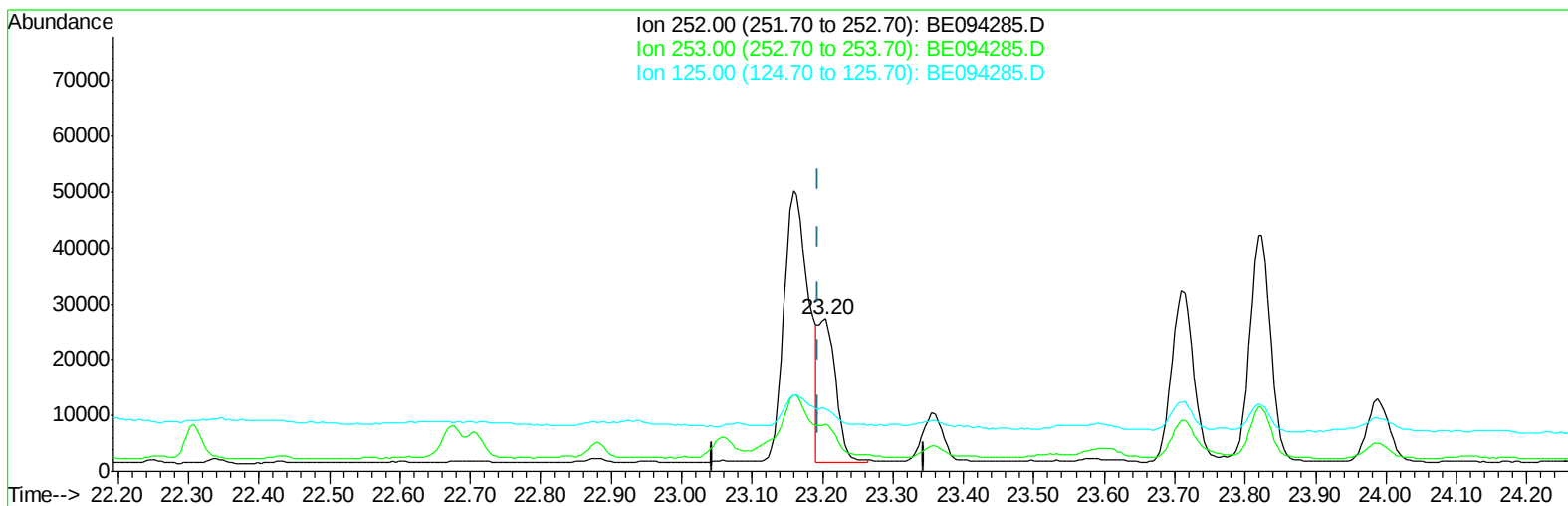
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:25:27 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

(22) Benzo(k)fluoranthene

23.204min (+0.010) 1.29ng/ul m

response 43113

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.84
125.00	17.10	40.95#
0.00	0.00	0.00

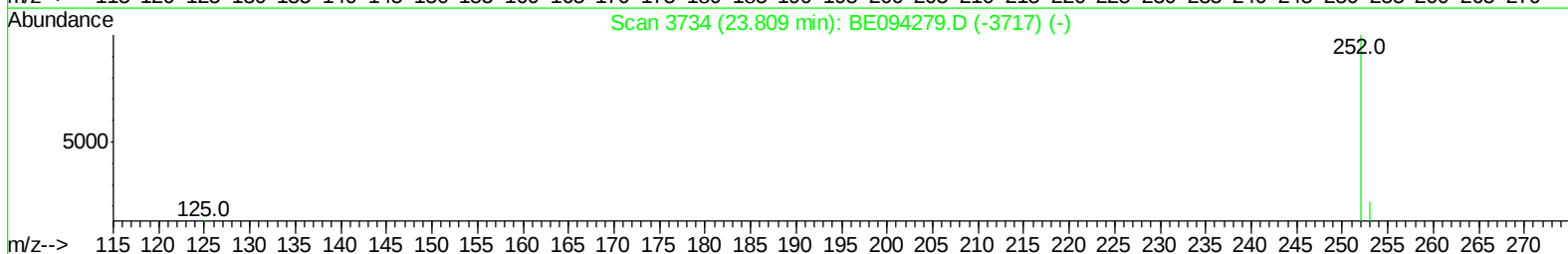
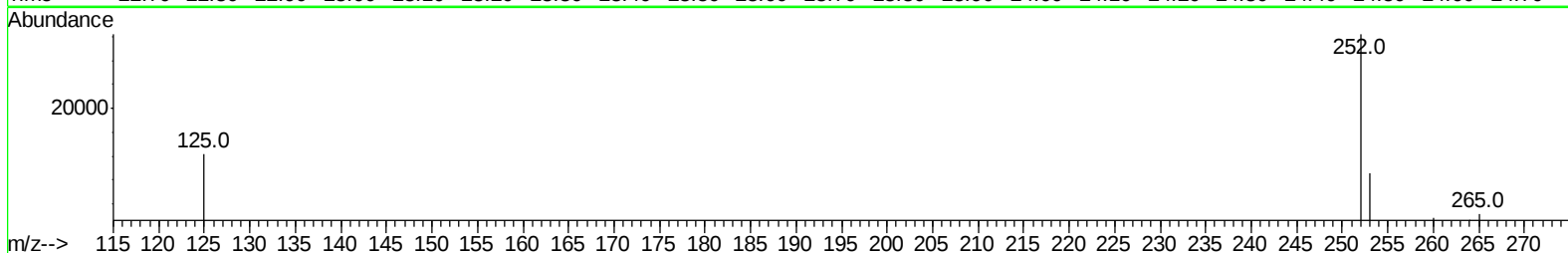
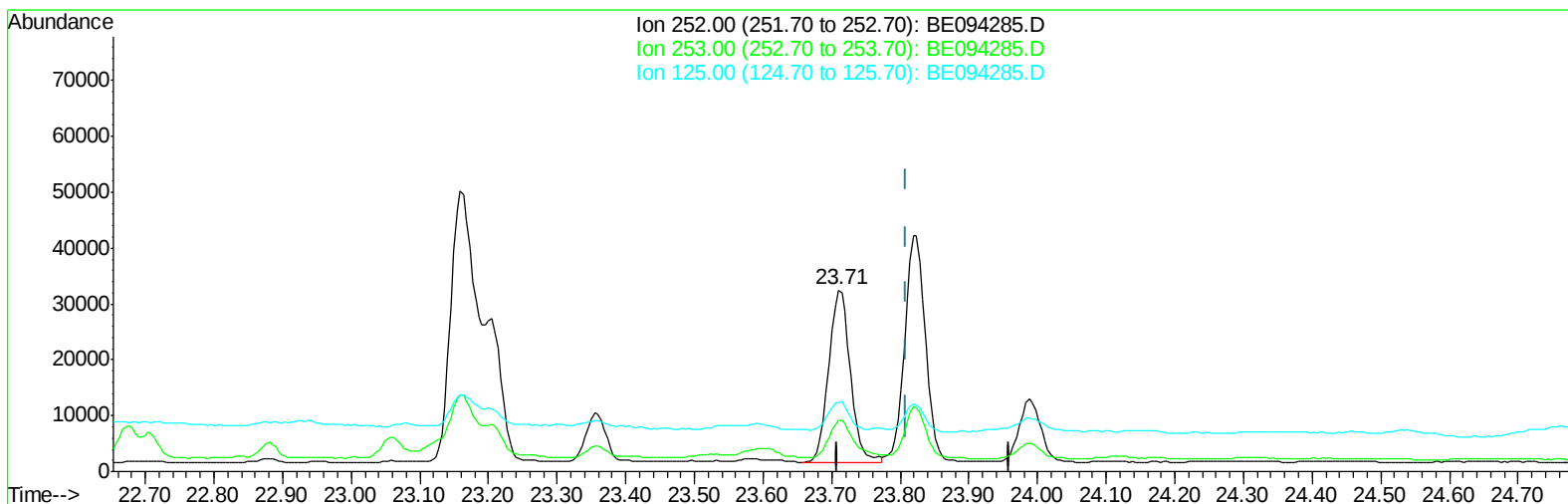
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:25:27 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

(23) Benzo(a)pyrene (C)

23.710min (-0.099) 2.27ng/ul

response 68084

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.26#
125.00	22.60	38.39#
0.00	0.00	0.00

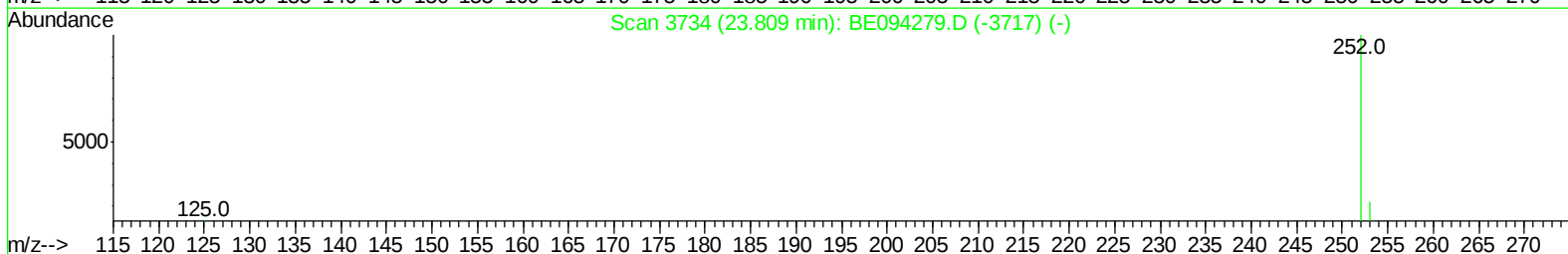
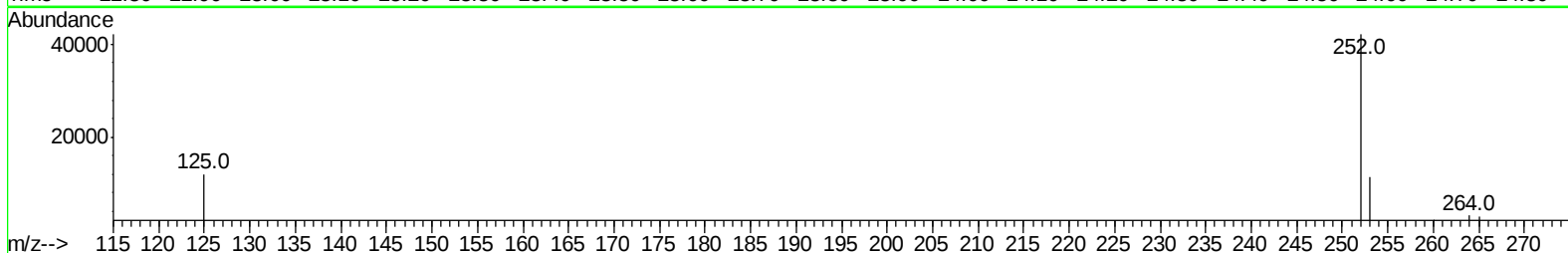
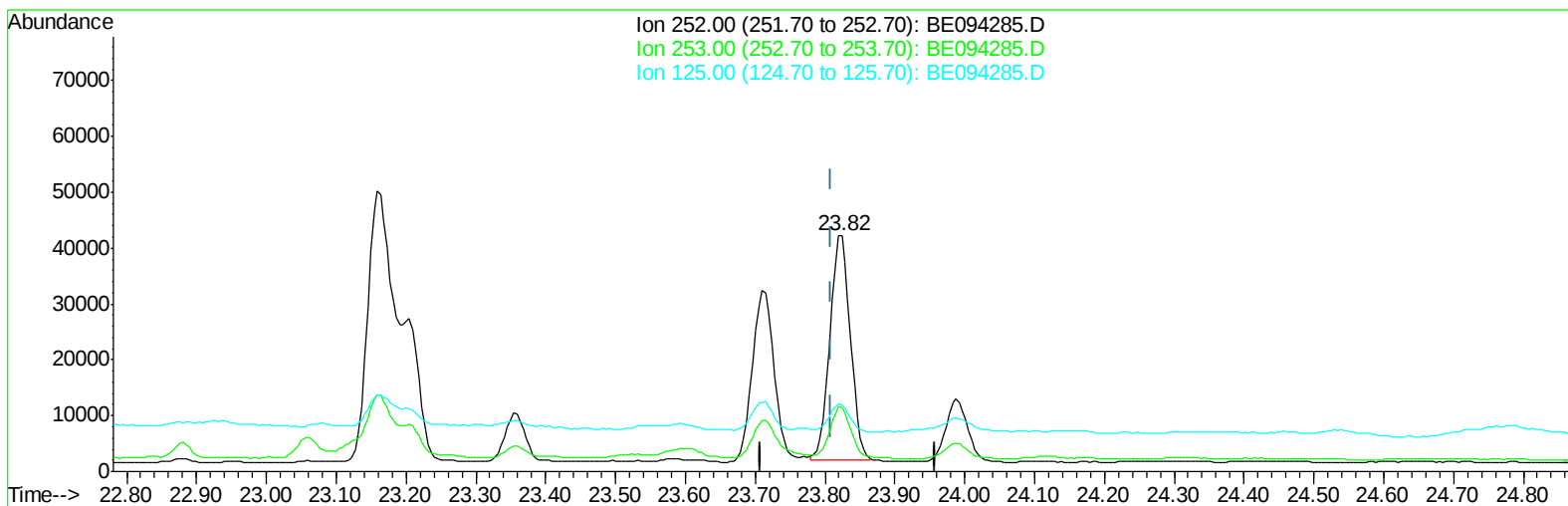
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:25:27 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

(23) Benzo(a)pyrene (C)

23.824min (+0.014) 2.76ng/ul m

response 82858

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.21#
125.00	22.60	28.27#
0.00	0.00	0.00

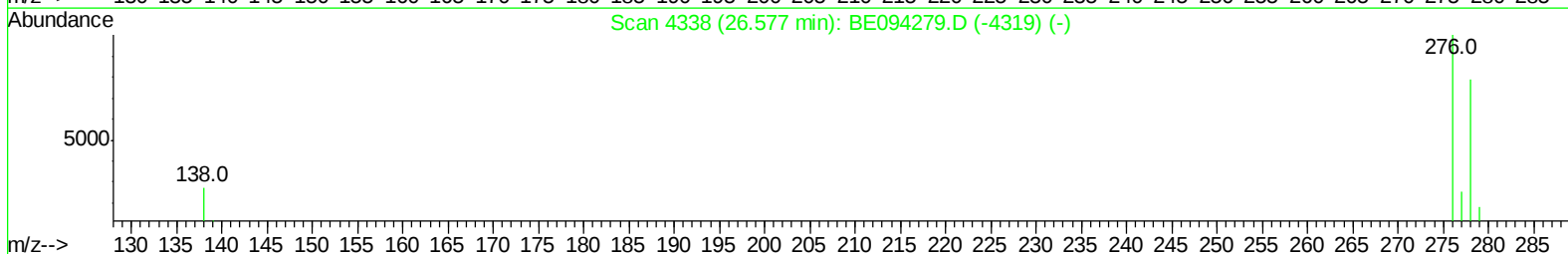
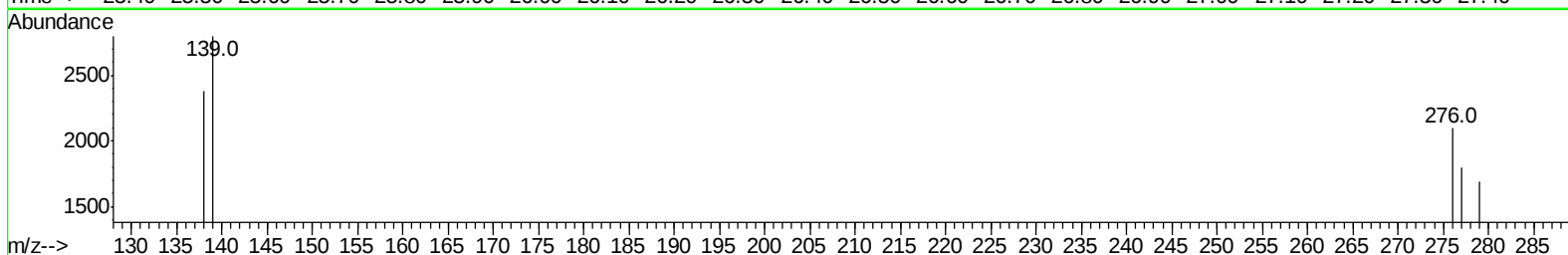
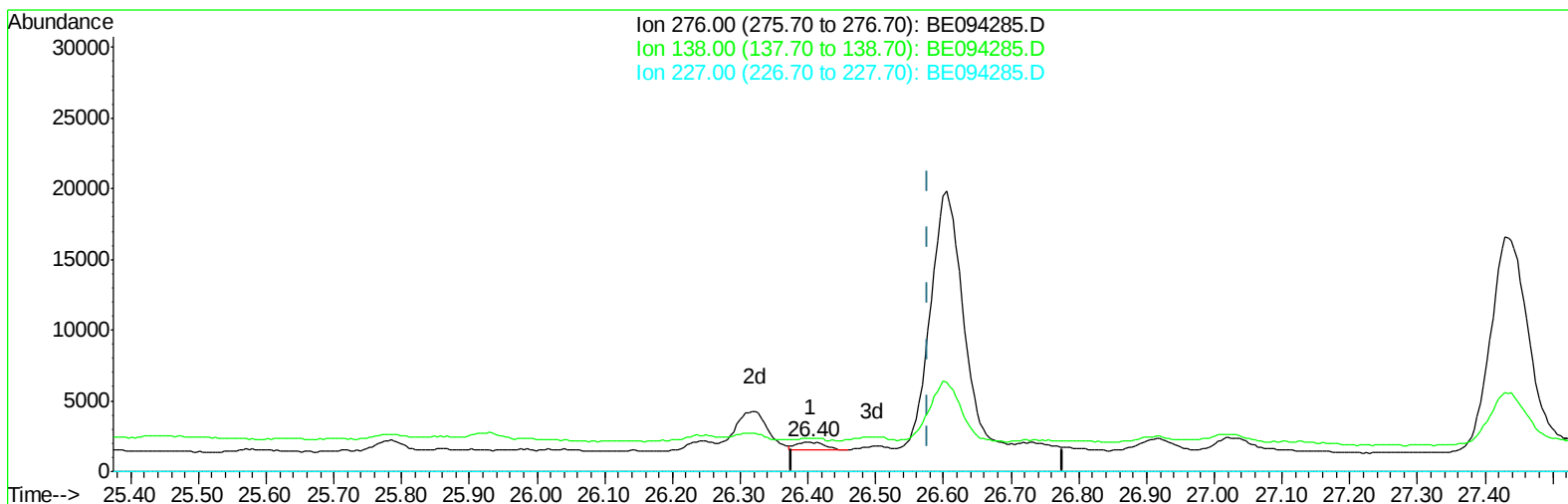
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:25:27 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

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

26.404min (-0.173) 0.06ng/ul

response 1703

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	30.71
227.00	10.00	0.00#
0.00	0.00	0.00

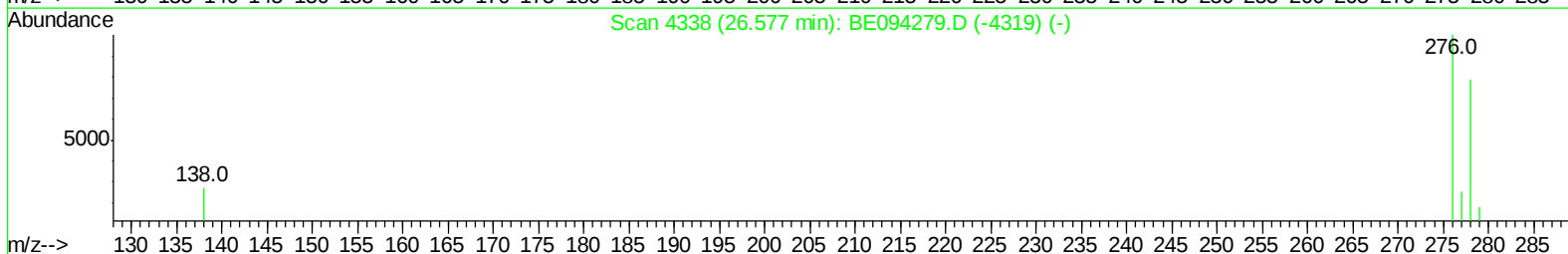
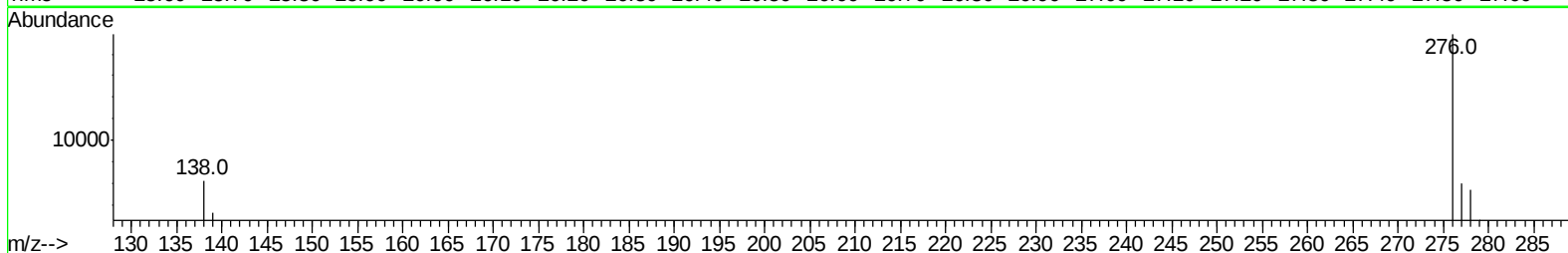
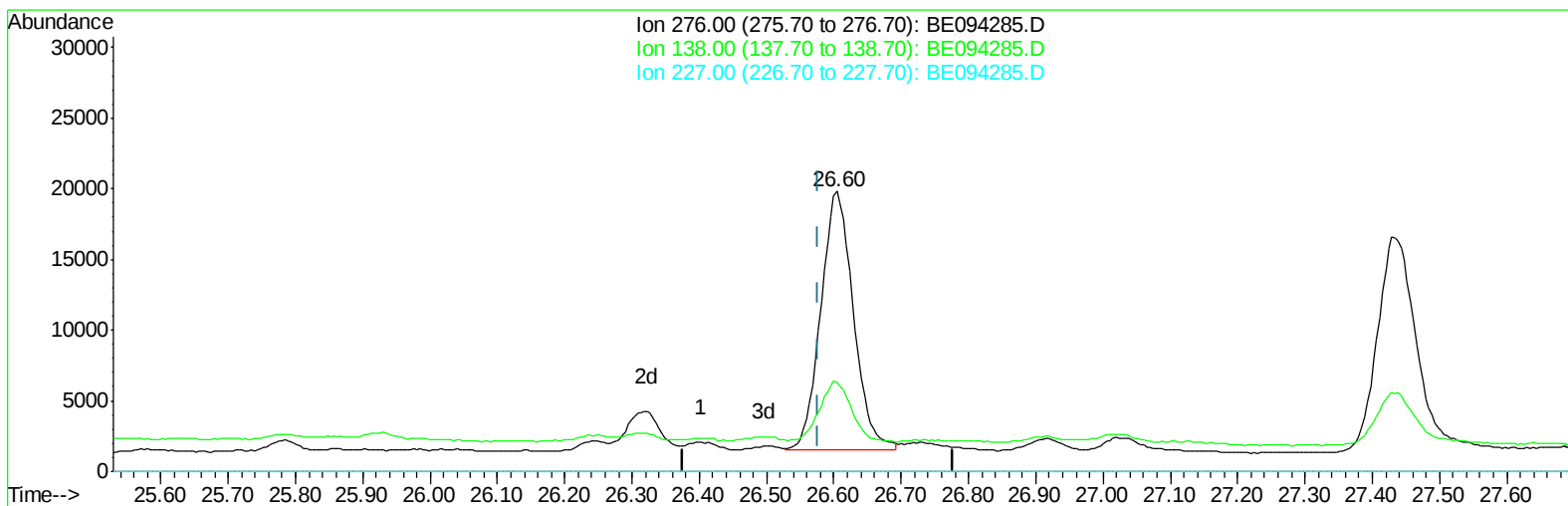
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:25:27 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

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

26.605min (+0.027) 2.00ng/ul m

response 61412

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.85#
227.00	10.00	0.00#
0.00	0.00	0.00

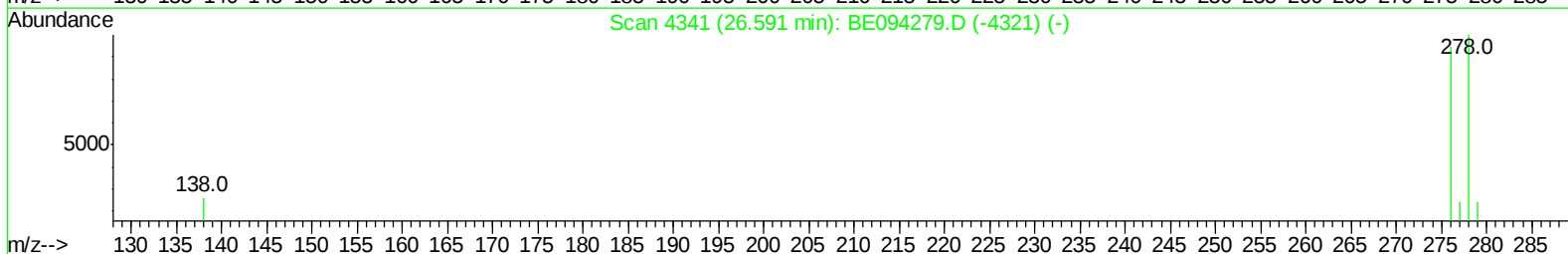
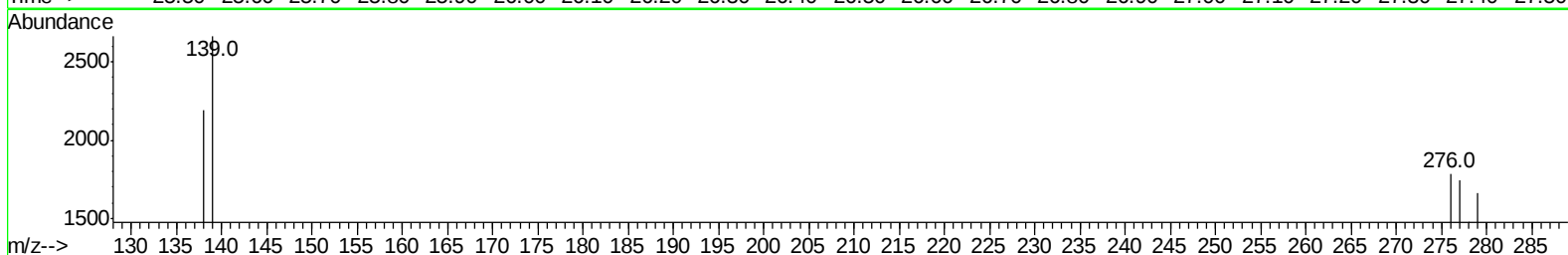
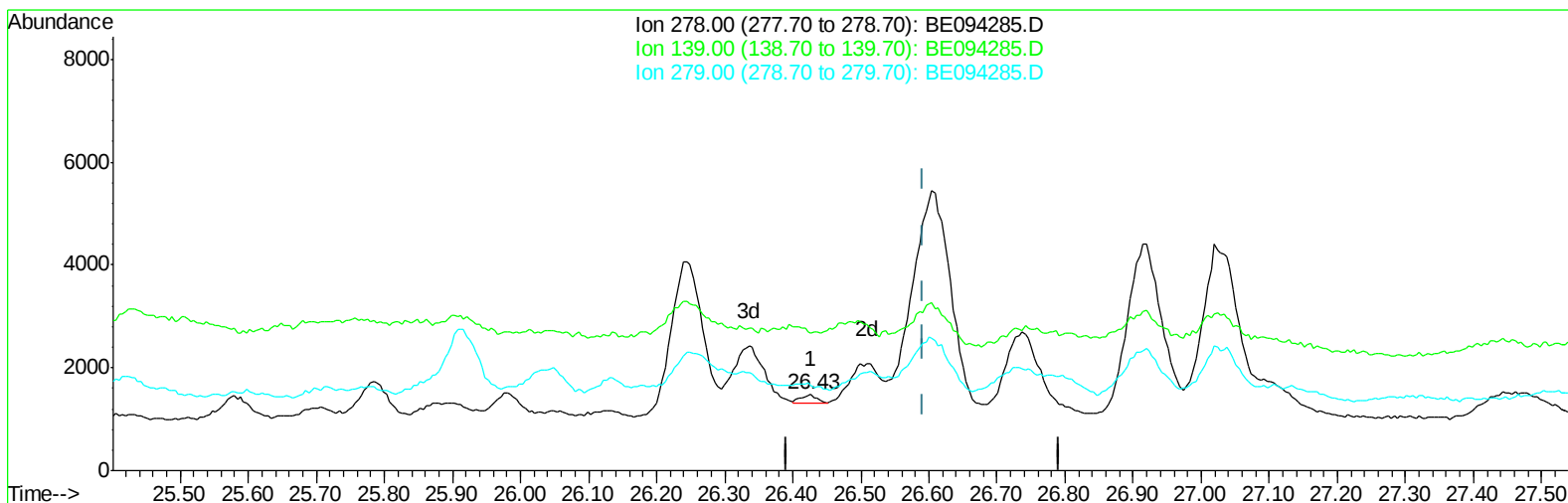
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094285.D
 Acq On : 11 Oct 2017 18:36
 Operator : SJ/JU
 Sample : I5490-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-70(0-1)-092717

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:25:27 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 07:31:23 2017
 Response via : Initial Calibration



TIC: BE094285.D

(25) Dibenzo(a,h)anthracene

26.427min (-0.164) 0.01ng/ul

response 265

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	180.35#
279.00	32.40	112.53#
0.00	0.00	0.00

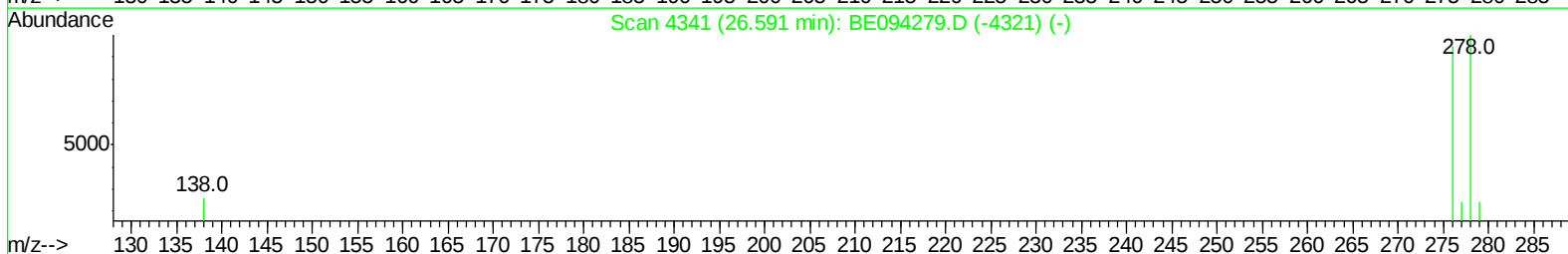
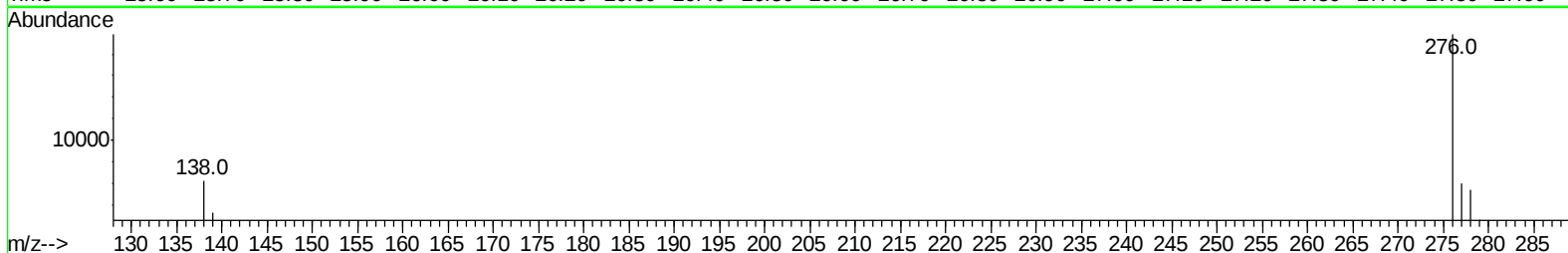
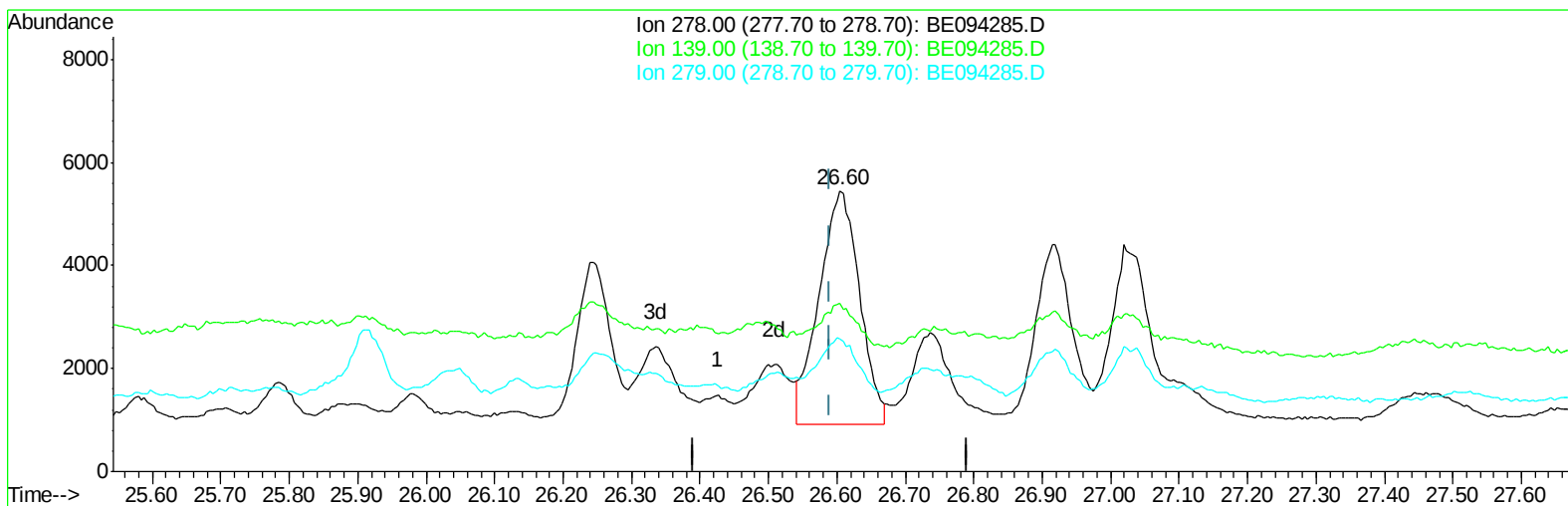
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:25:27 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: BE094285.D

(25) Dibenzo(a,h)anthracene

26.605min (+0.014) 0.72ng/ul m

response 18522

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	59.79#
279.00	32.40	47.10#
0.00	0.00	0.00

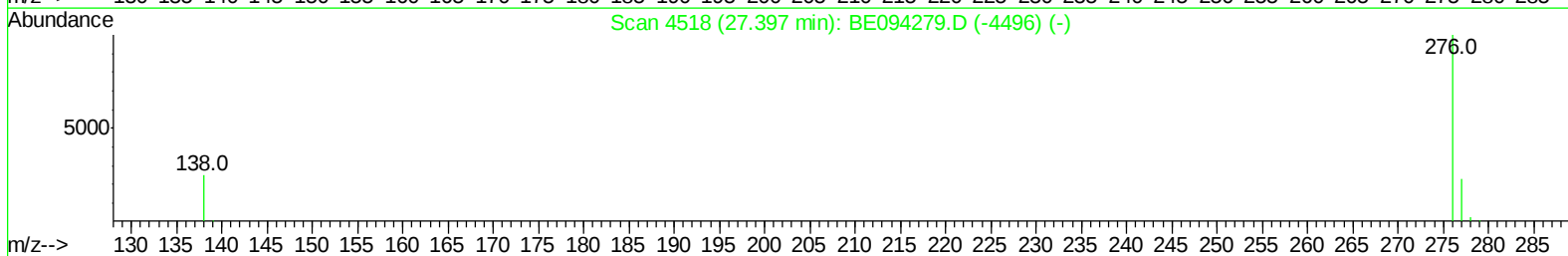
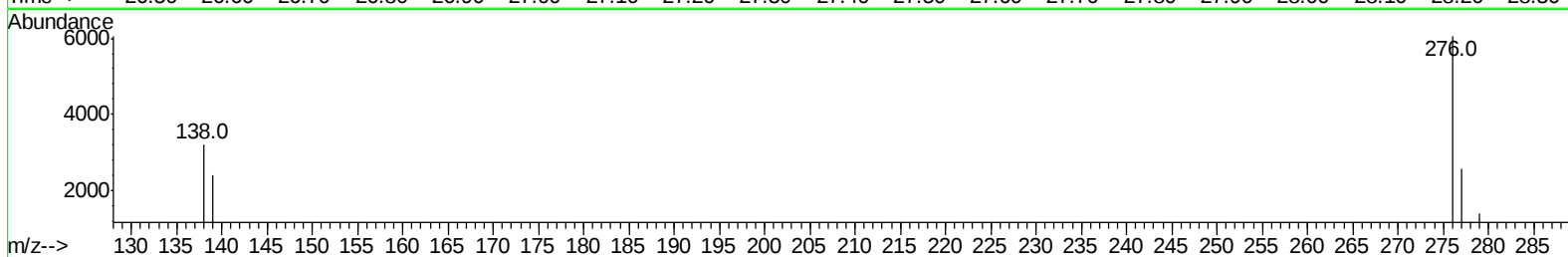
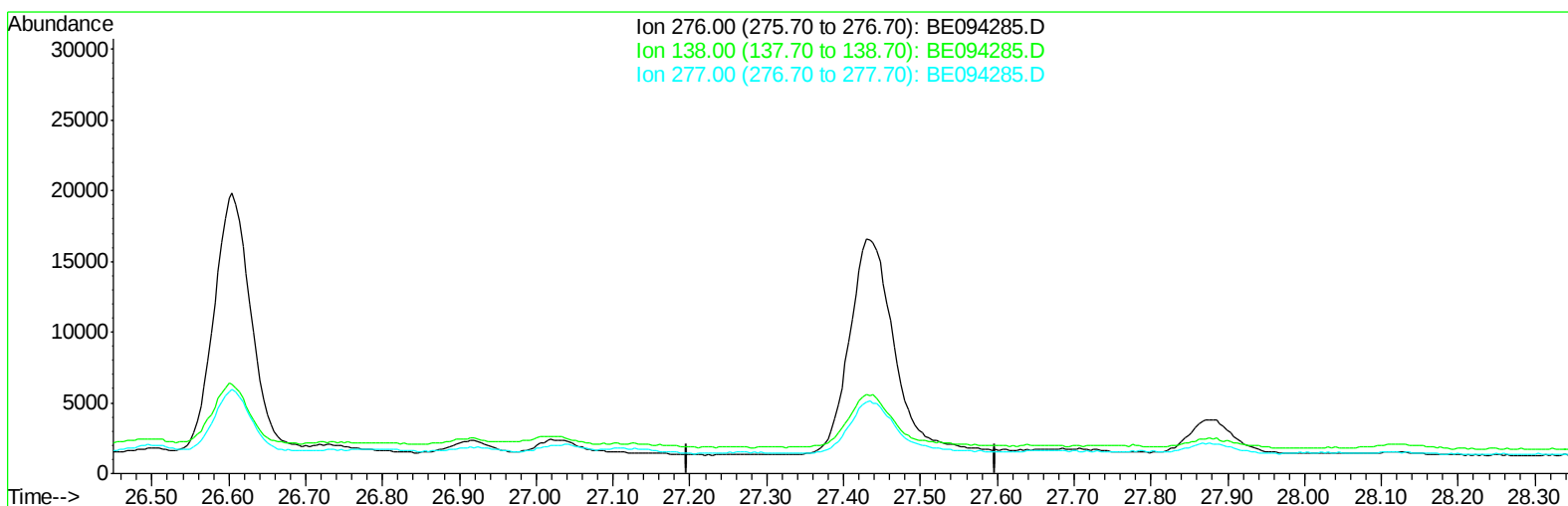
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 12 08:25:27 2017
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TIC: BE094285.D

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

27.397min (-27.397) 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

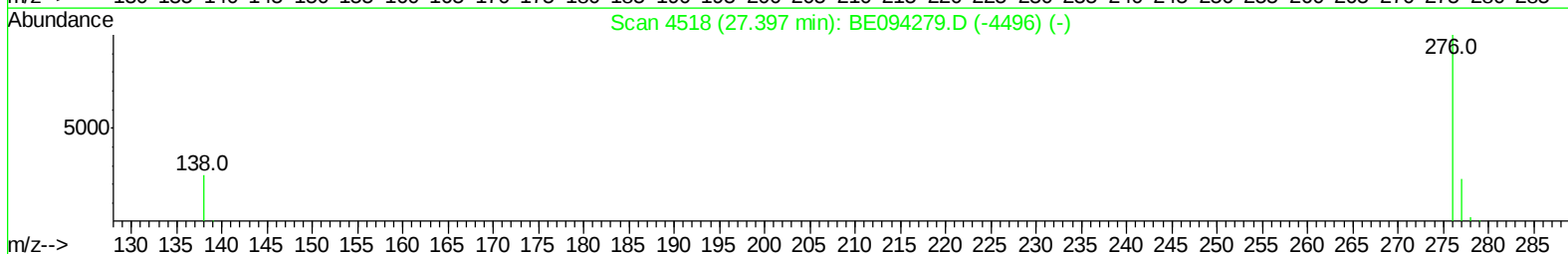
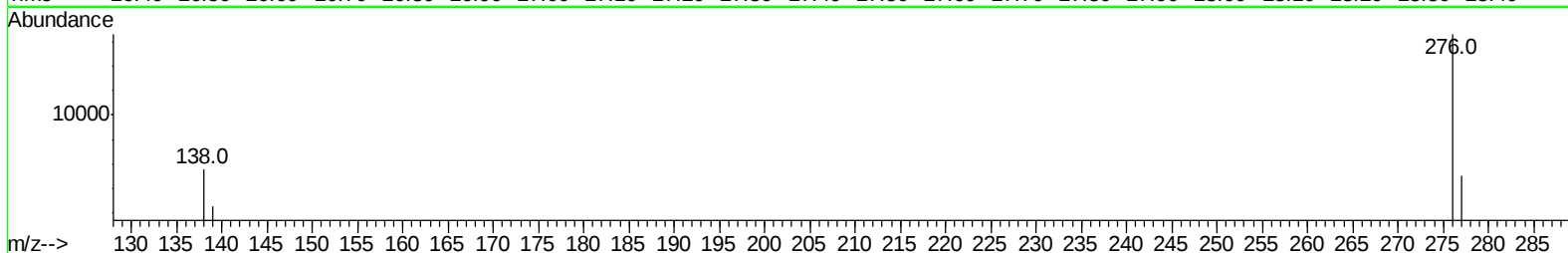
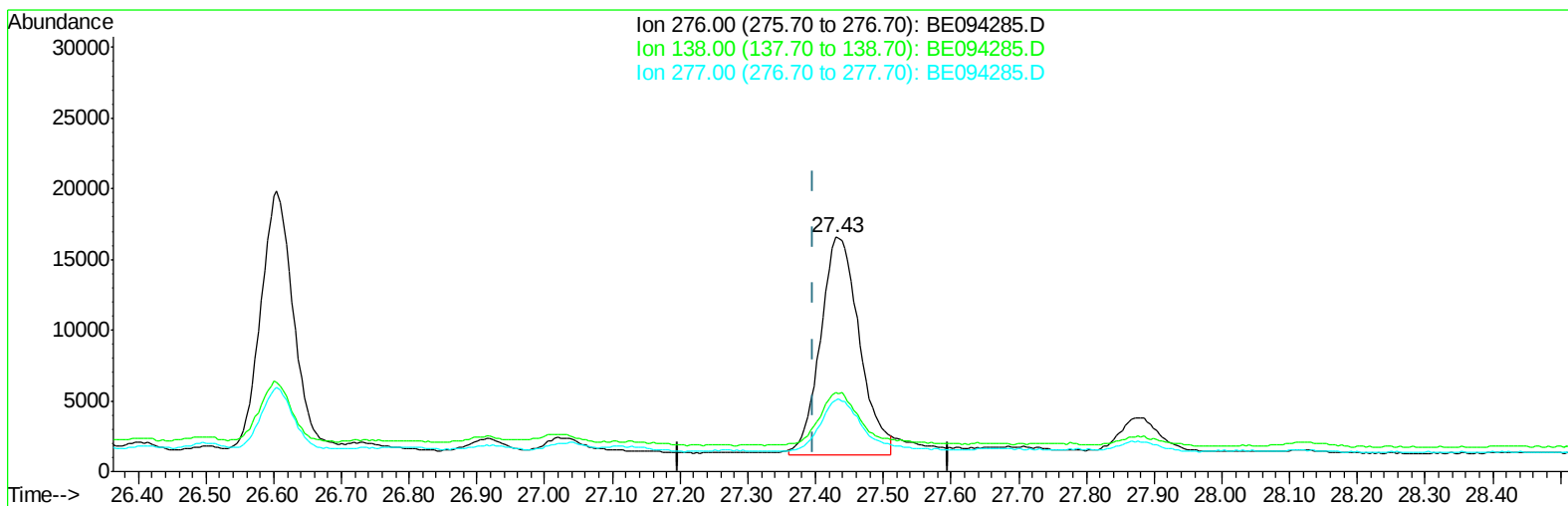
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:25:27 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094285.D

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

27.429min (+0.032) 2.31ng/ul m

response 61206

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	33.78#
277.00	25.60	30.38
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094285.D
 Acq On : 11 Oct 2017 18:36
 Operator : SJ/JU
 Sample : I5490-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-70(0-1)-092717

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:27:44 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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1825	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9299	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5430	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11070	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	11536	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	10648m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2669	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	6263m	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	6116	0.269	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	2870	0.194	ng/ul	99
7) Acenaphthylene	14.24	152	6647	0.314	ng/ul	98
8) Acenaphthene	14.57	153	3618	0.208	ng/ul	97
9) Fluorene	15.57	166	4967	0.243	ng/ul	93
12) Phenanthrene	17.29	178	90931	3.143	ng/ul#	92
13) Anthracene	17.38	178	23764	0.845	ng/ul#	93
15) Fluoranthene	19.30	202	179524	4.723	ng/ul	84
17) Pyrene	19.66	202	165567	5.158	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	89910	2.938	ng/ul#	88
19) Chrysene	21.45	228	88575	2.506	ng/ul	93
21) Benzo(b)fluoranthene	23.16	252	112426	3.887	ng/ul	86
22) Benzo(k)fluoranthene	23.20	252	43113m	1.289	ng/ul	
23) Benzo(a)pyrene	23.82	252	82858m	2.757	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.60	276	61412m	1.997	ng/ul	
25) Dibenzo(a,h)anthracene	26.60	278	18522m	0.718	ng/ul	
26) Benzo(a,h,i)perylene	27.43	276	61206m	2.308	ng/ul	

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

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