

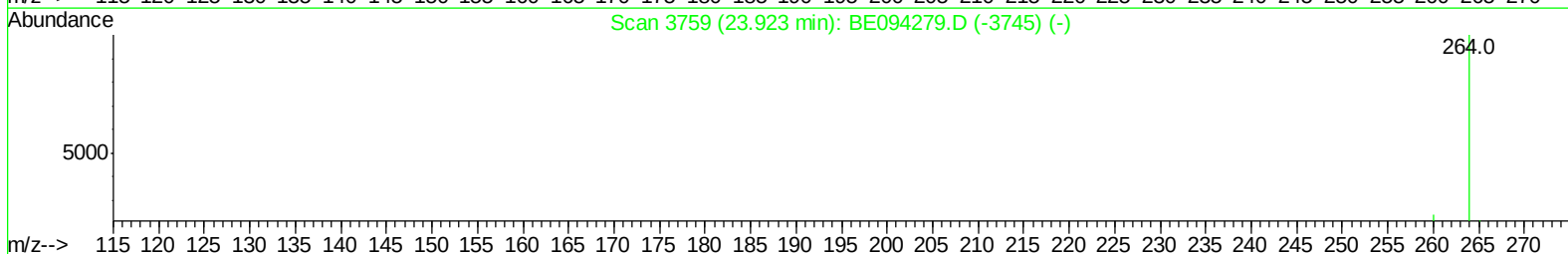
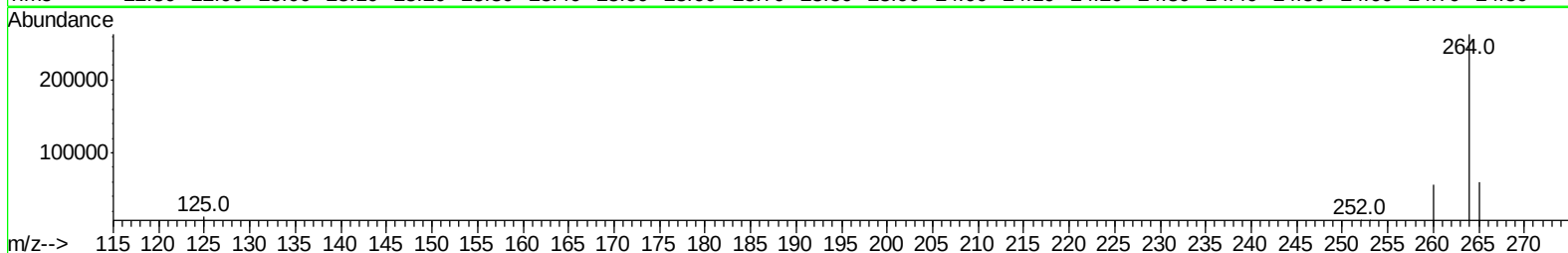
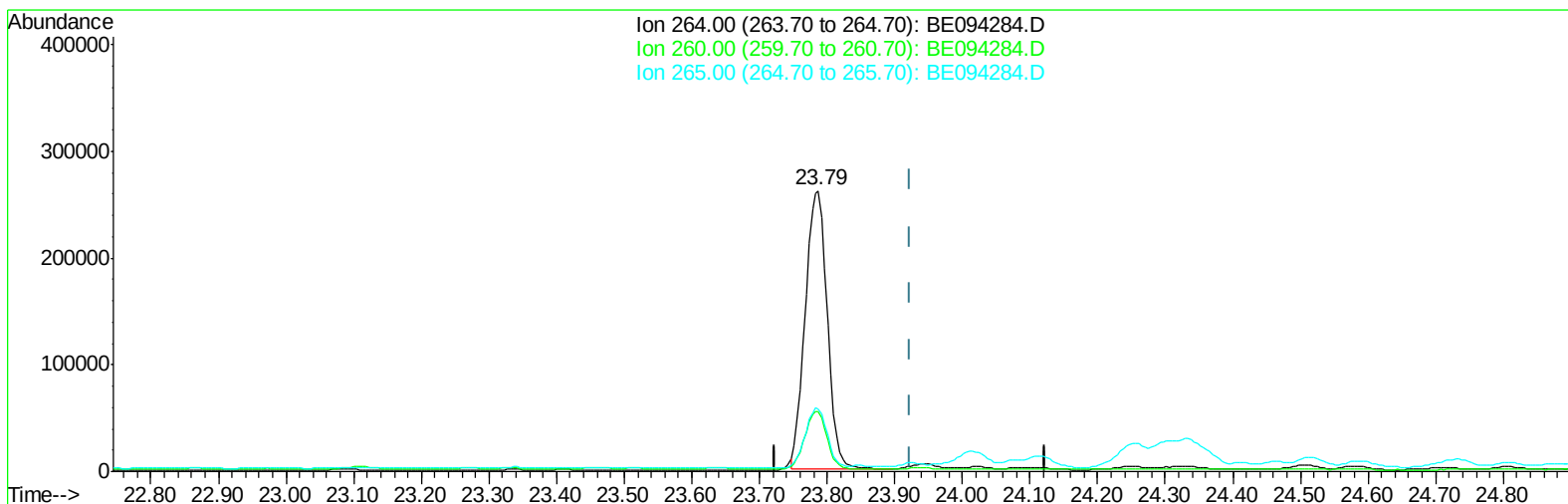
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 07:35:28 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094284.D

(20) Perylene-d12 (I)

23.787min (-0.136) 0.40ng/ul

response 588954

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.40#
265.00	103.50	22.49#
0.00	0.00	0.00

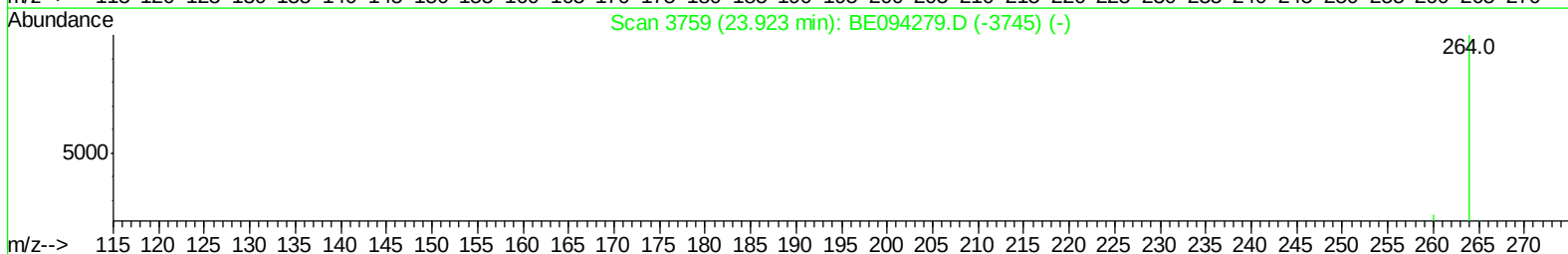
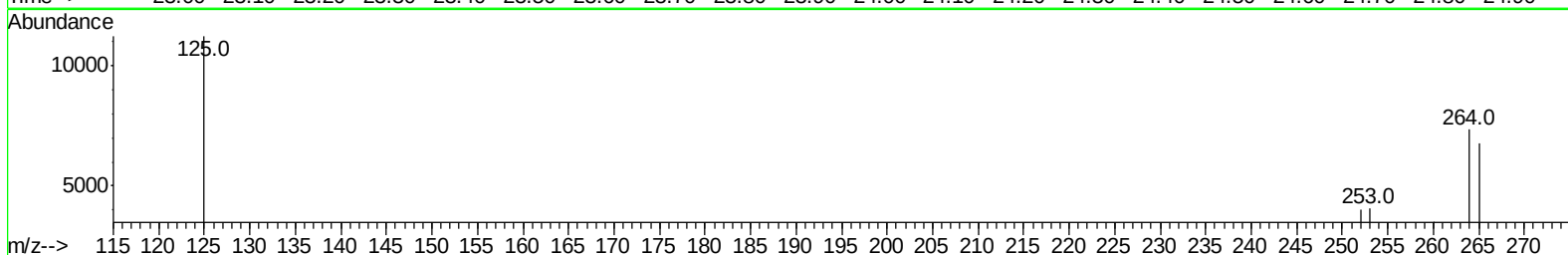
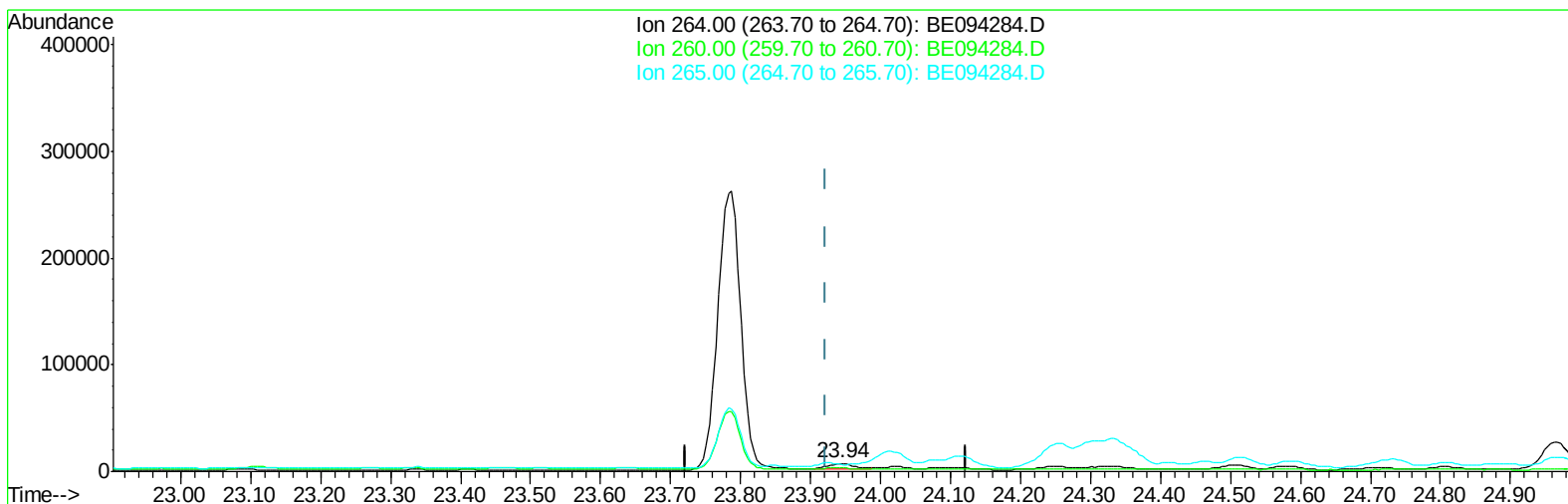
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 07:35:28 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 07:31:23 2017
Response via : Initial Calibration



TIC: BE094284.D

(20) Perylene-d12 (I)

23.942min (+0.019) 0.40ng/ul m

response 14565

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	47.47#
265.00	103.50	92.51
0.00	0.00	0.00

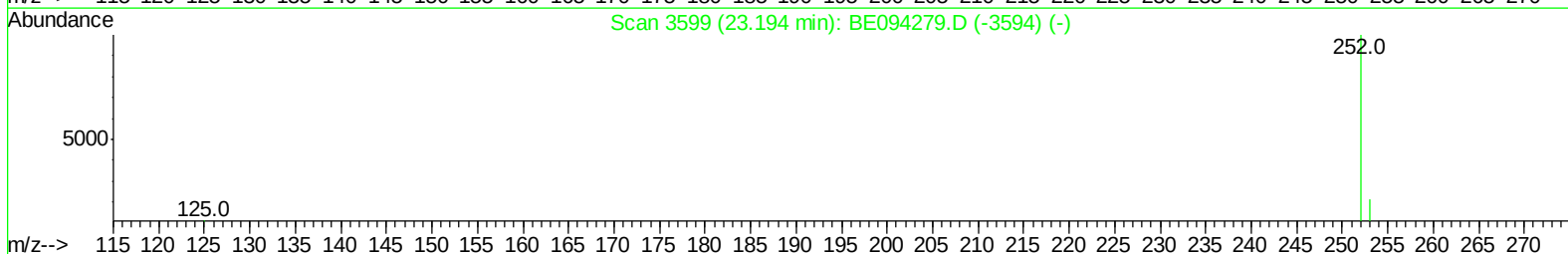
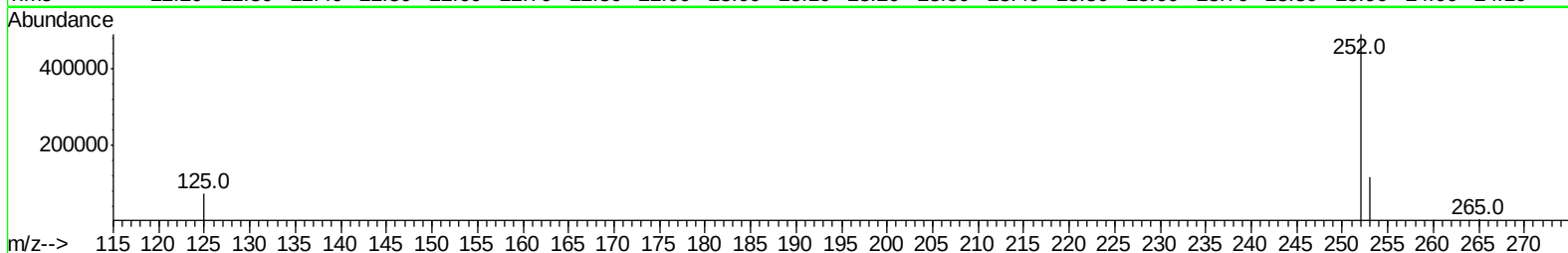
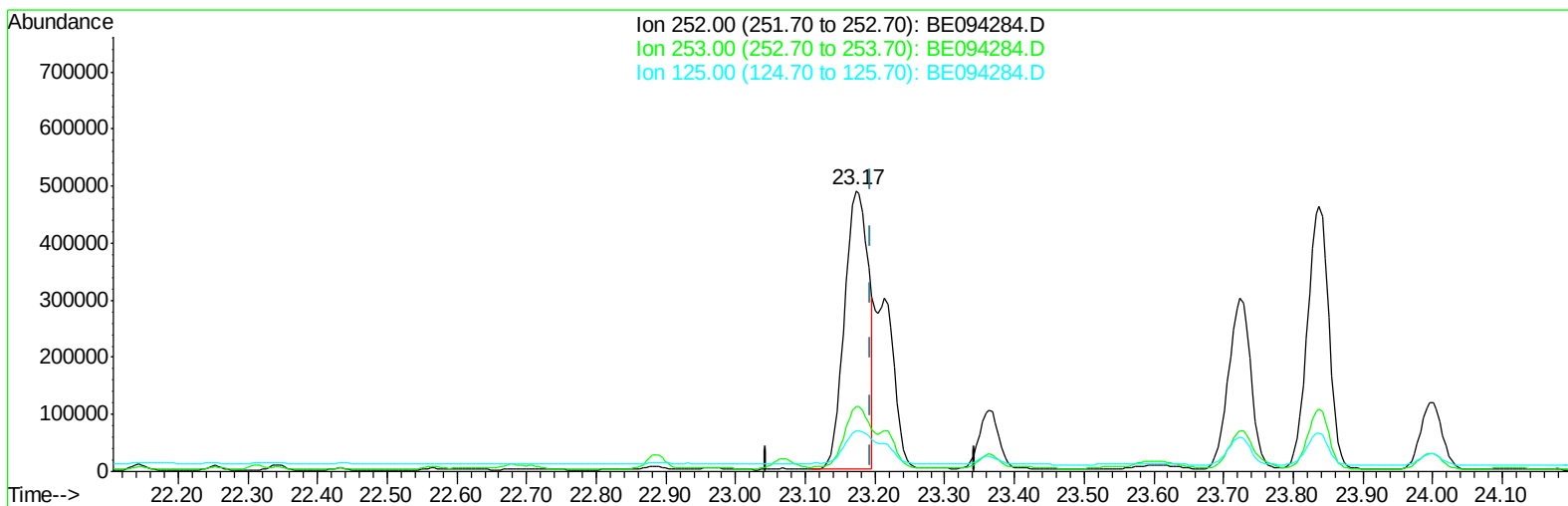
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.D

(22) Benzo(k)fluoranthene

23.172min (-0.022) 25.55ng/ul

response 1168439

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.23#
125.00	17.10	14.38
0.00	0.00	0.00

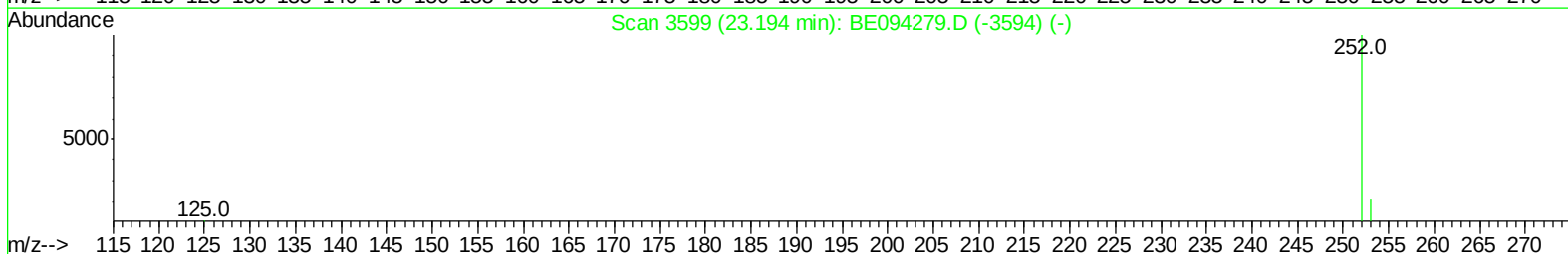
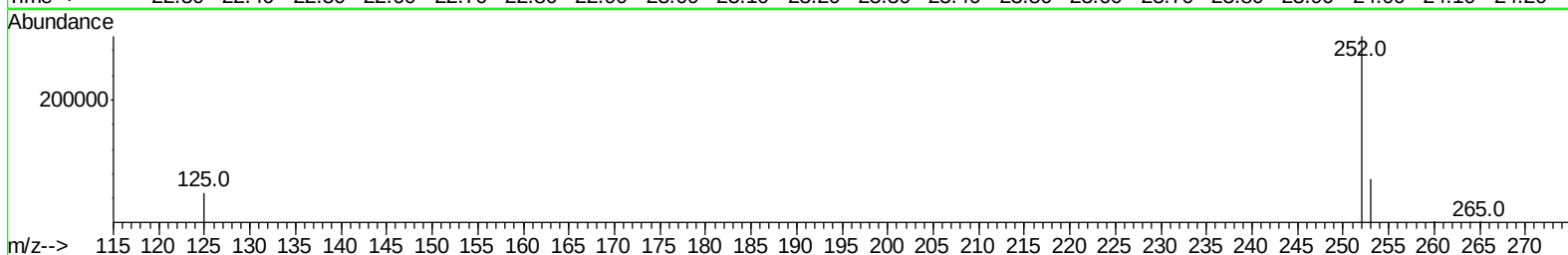
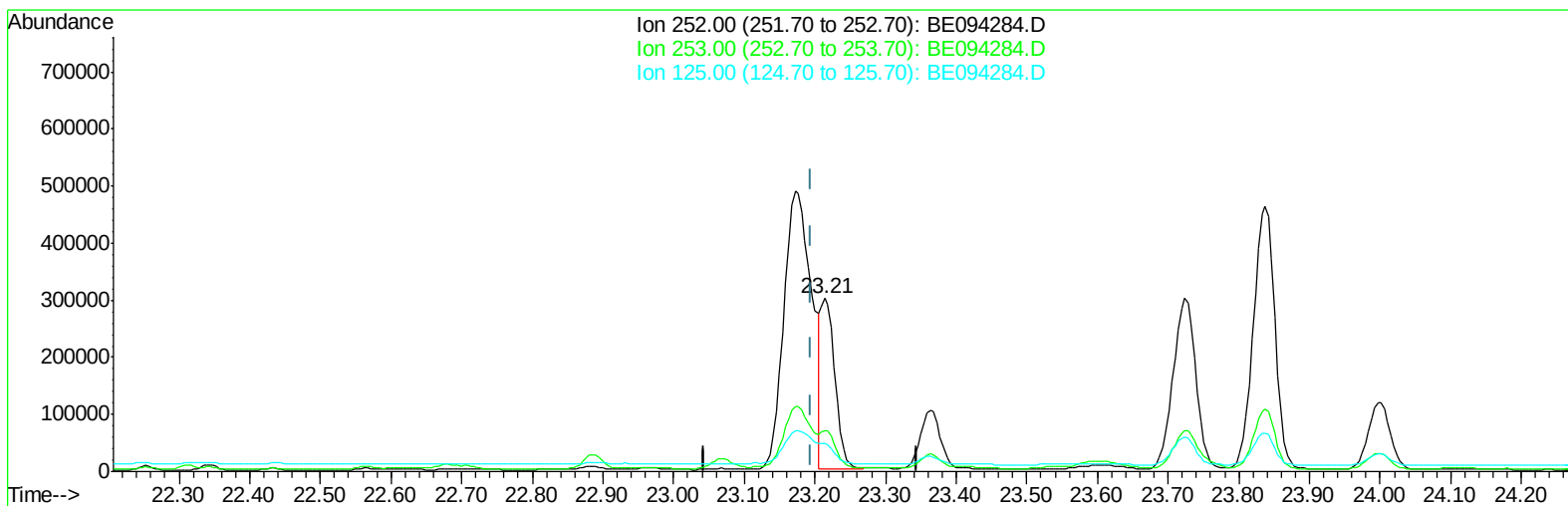
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.D

(22) Benzo(k)fluoranthene

23.213min (+0.019) 9.29ng/ul m

response 424874

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.93#
125.00	17.10	16.29
0.00	0.00	0.00

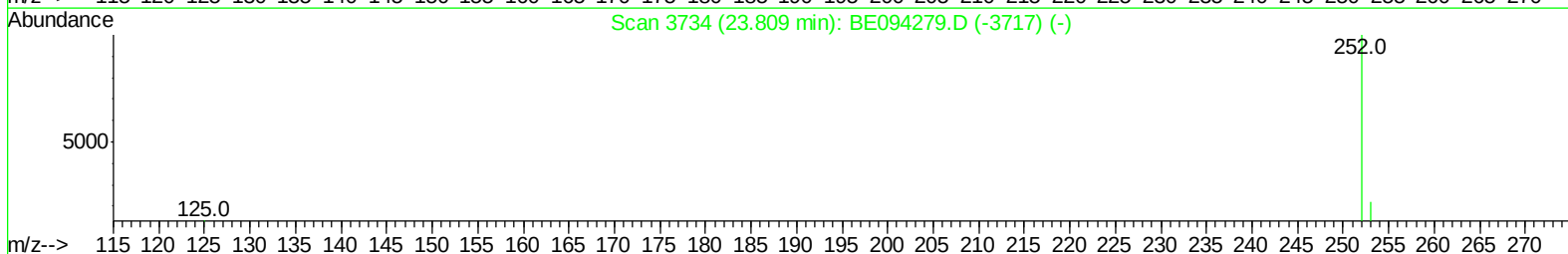
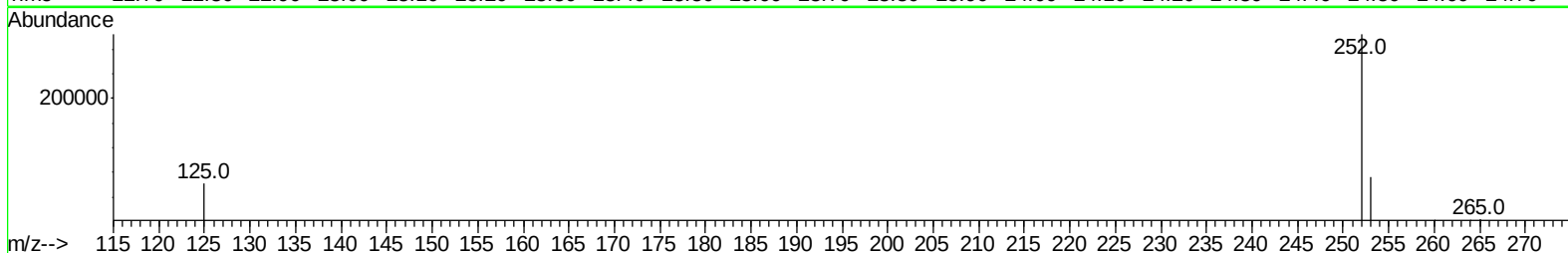
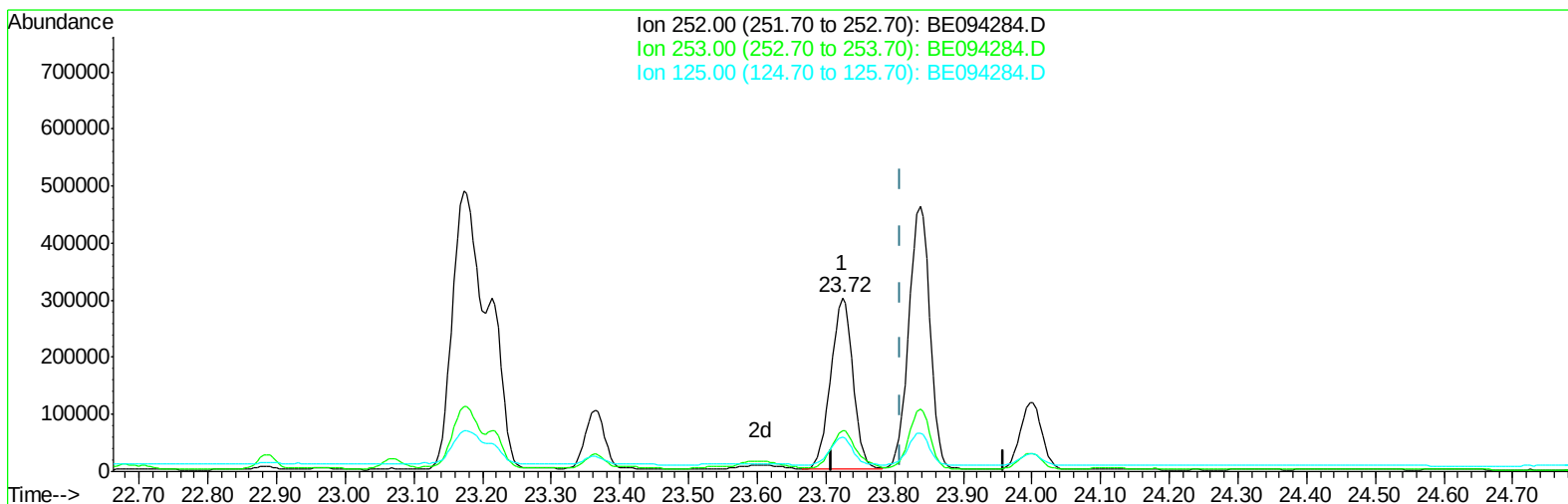
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.D

(23) Benzo(a)pyrene (C)

23.724min (-0.086) 16.50ng/ul

response 678199

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.46#
125.00	22.60	20.14
0.00	0.00	0.00

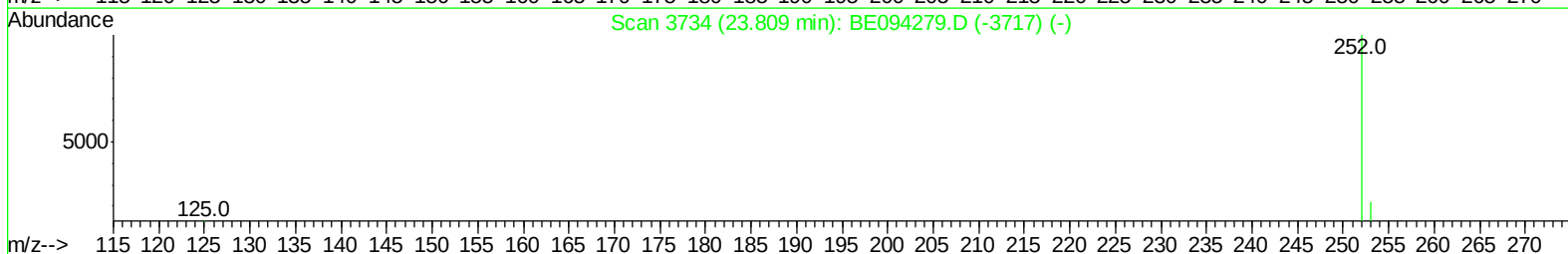
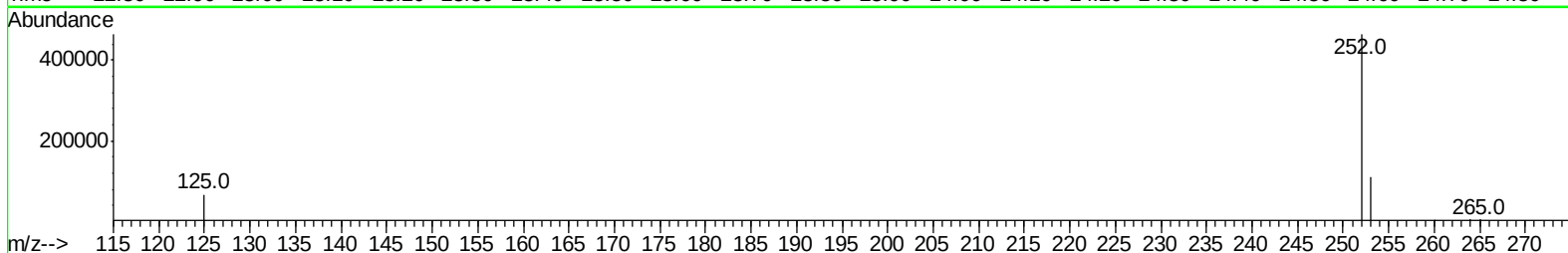
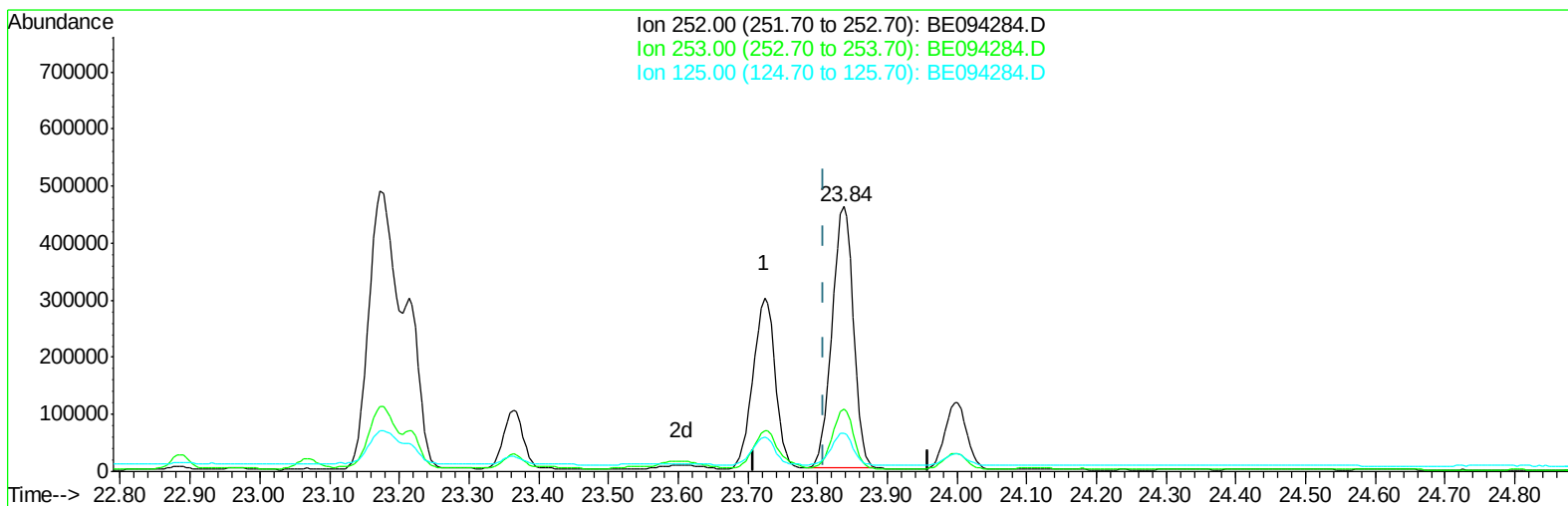
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.D

(23) Benzo(a)pyrene (C)

23.837min (+0.028) 23.57ng/ul m

response 969190

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.50#
125.00	22.60	14.56#
0.00	0.00	0.00

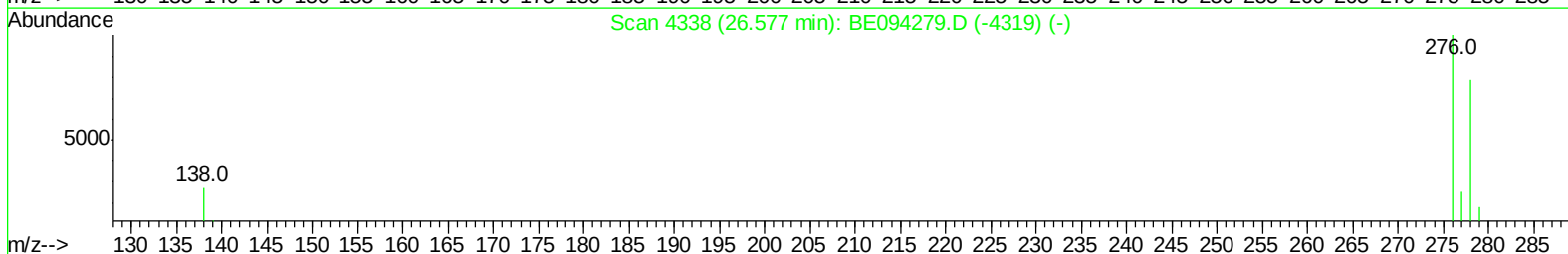
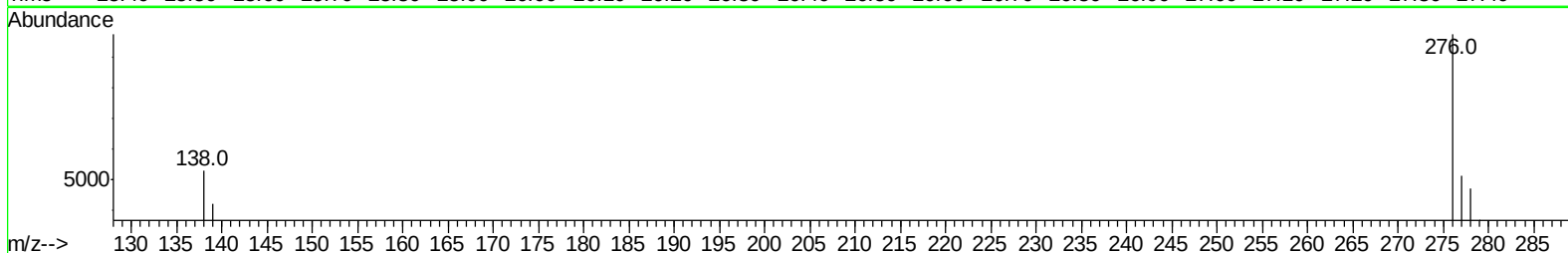
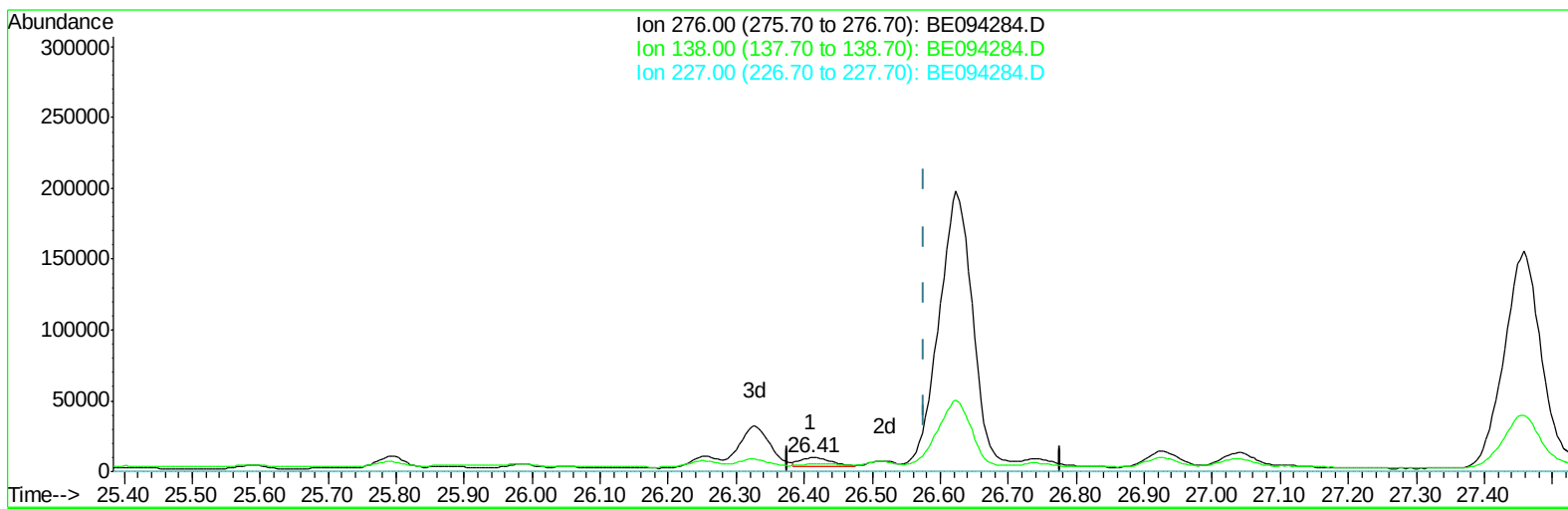
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.D

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

26.409min (-0.168) 0.41ng/ul

response 17317

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	25.47#
227.00	10.00	0.00#
0.00	0.00	0.00

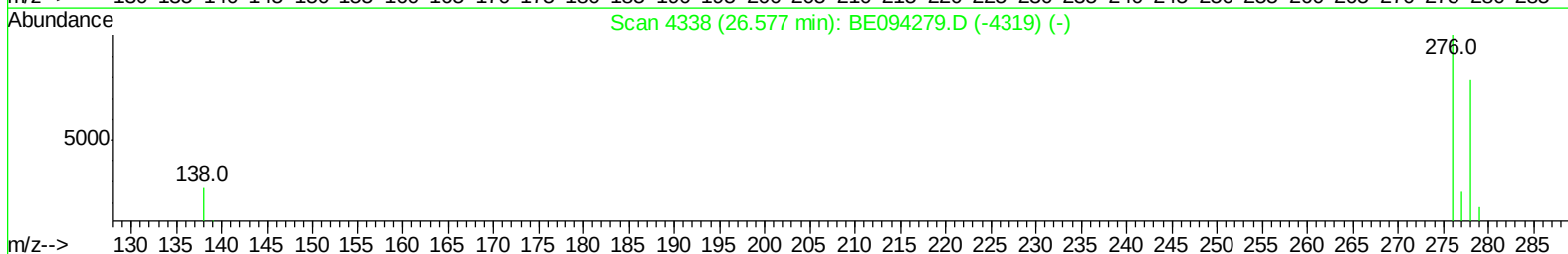
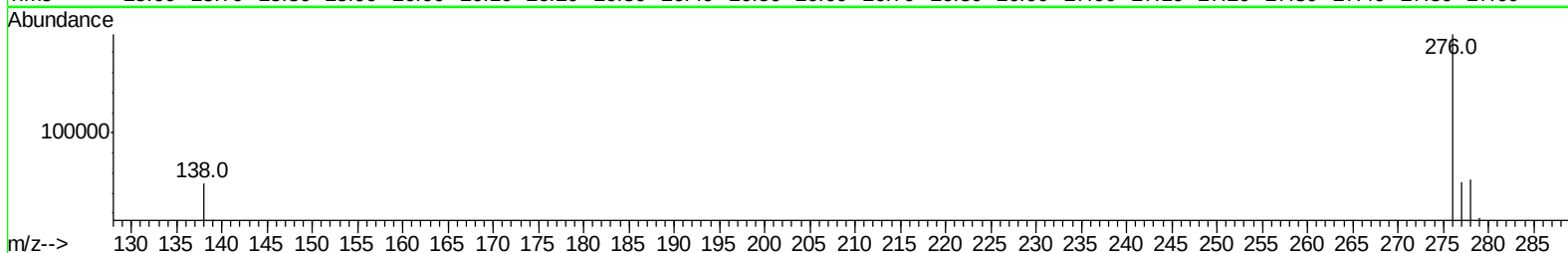
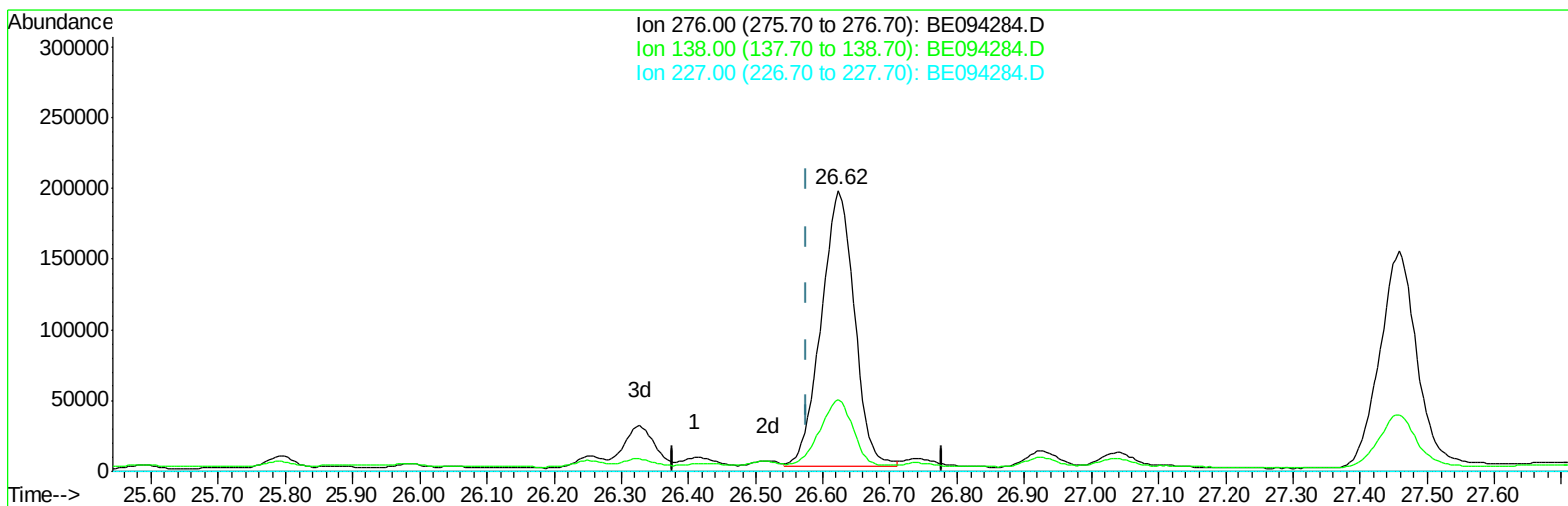
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.D

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

26.623min (+0.046) 15.79ng/ul m

response 664074

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.66#
227.00	10.00	0.00#
0.00	0.00	0.00

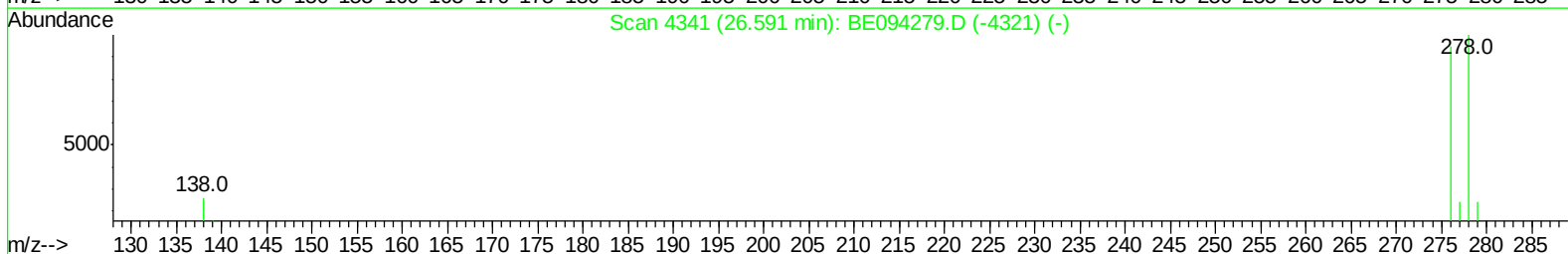
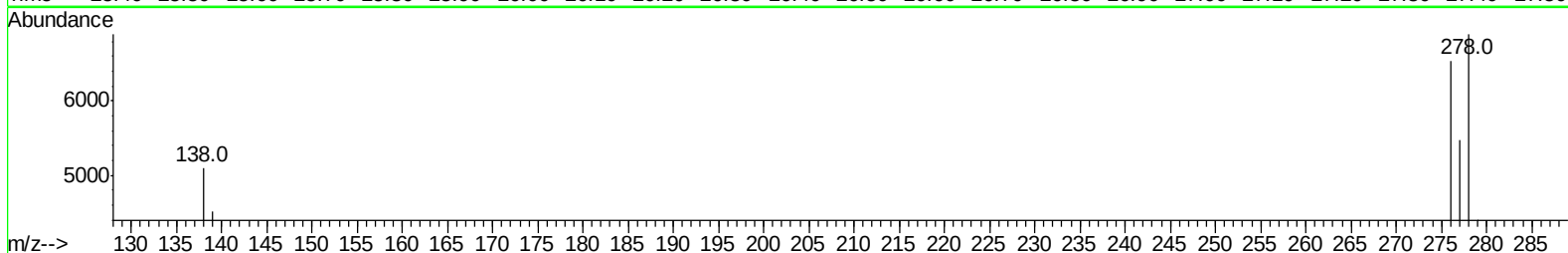
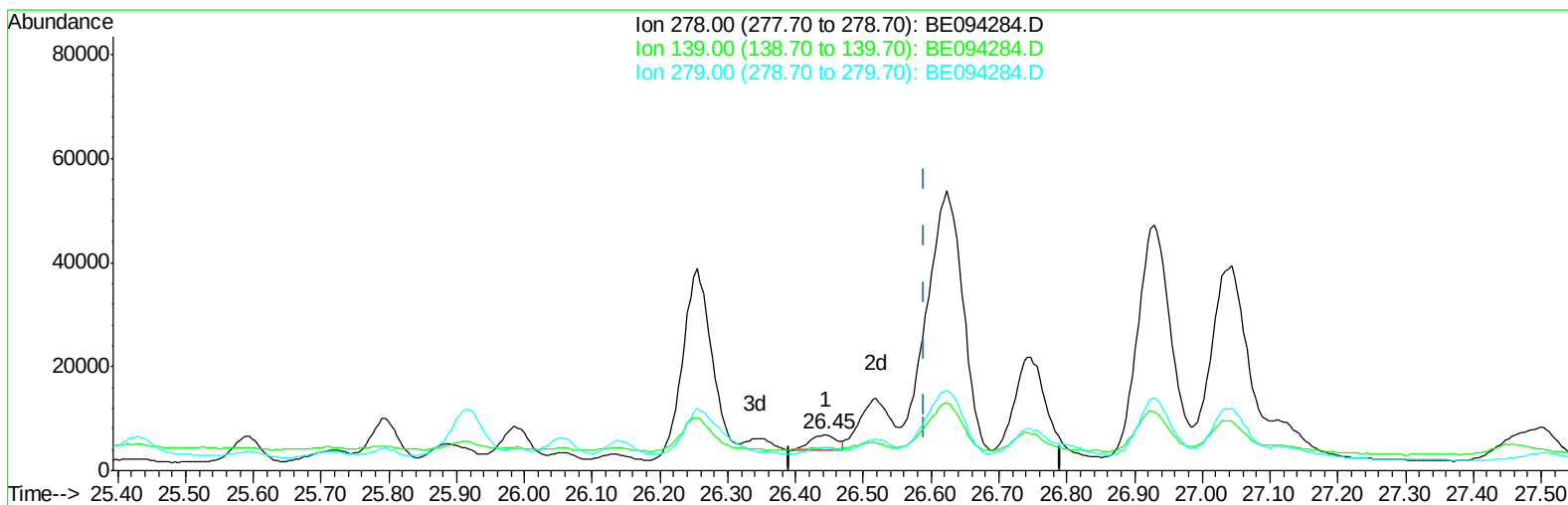
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.D

(25) Dibenzo(a,h)anthracene

26.446min (-0.145) 0.24ng/ul

response 8598

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	65.54#
279.00	32.40	63.67#
0.00	0.00	0.00

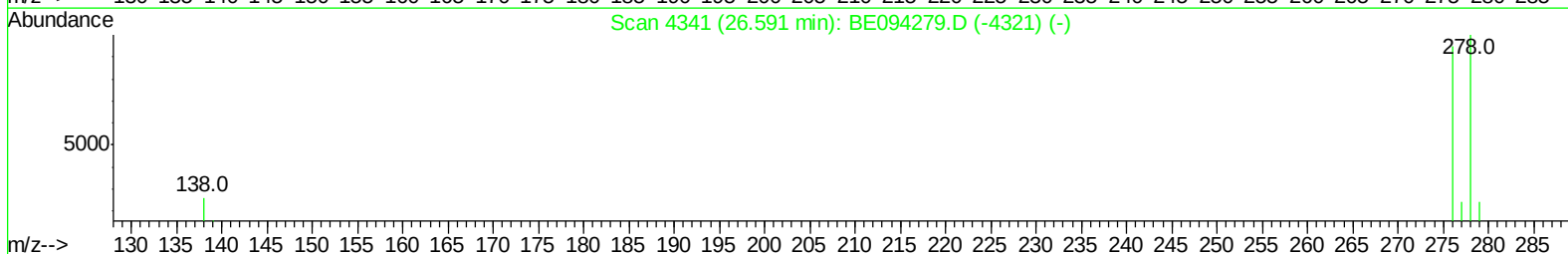
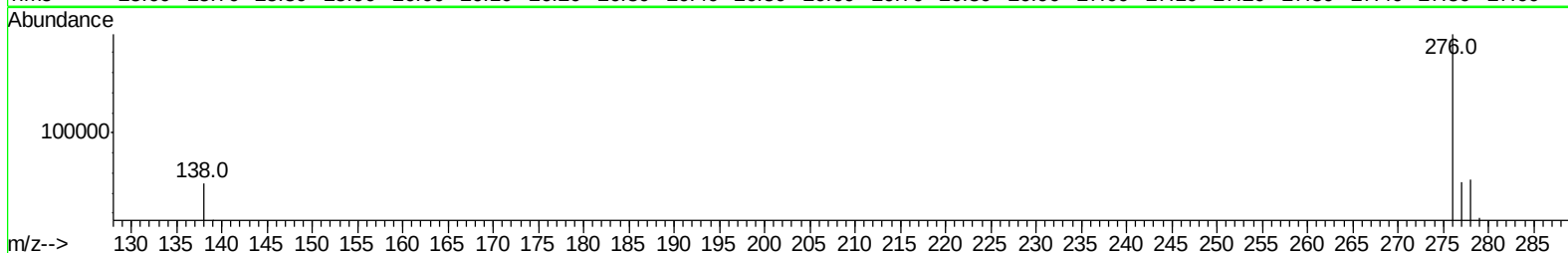
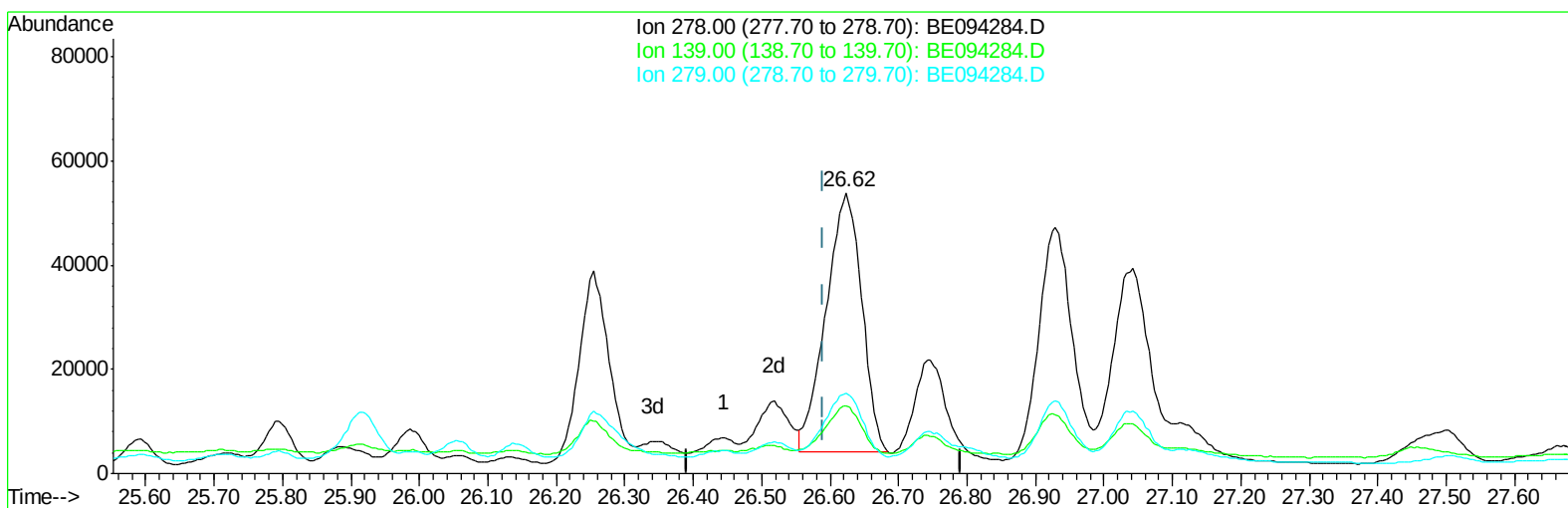
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.D

(25) Dibenzo(a,h)anthracene

26.623min (+0.033) 5.10ng/ul m

response 179756

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	23.95
279.00	32.40	28.86
0.00	0.00	0.00

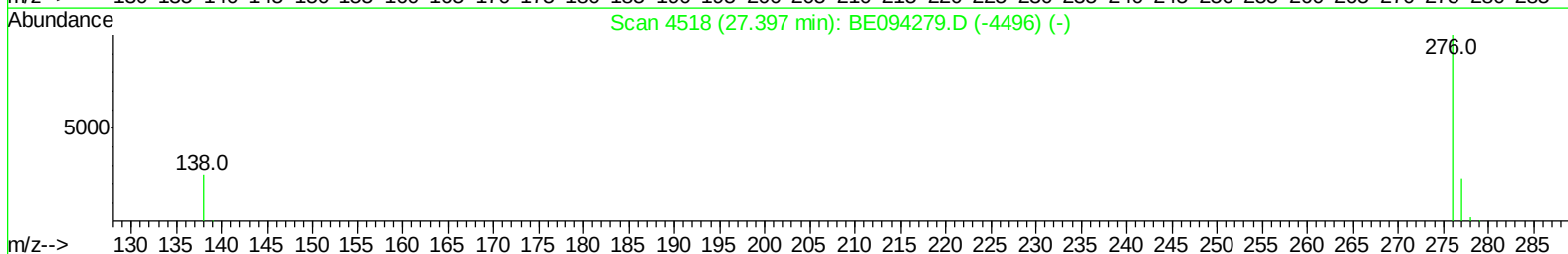
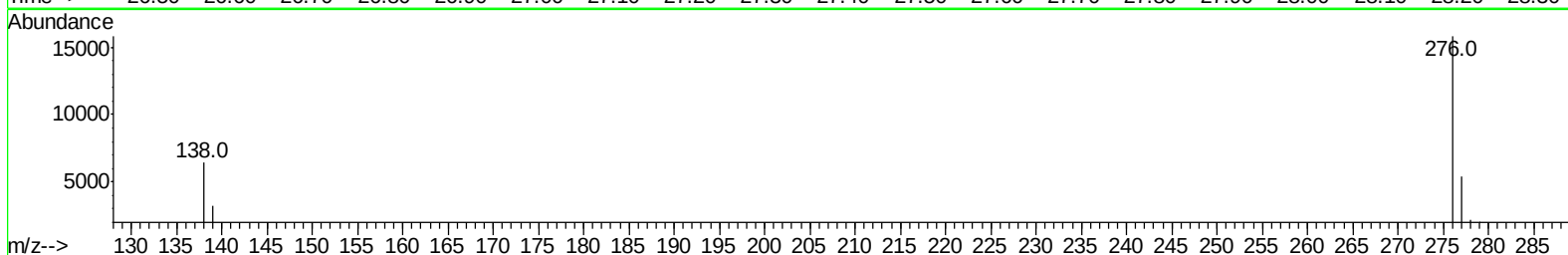
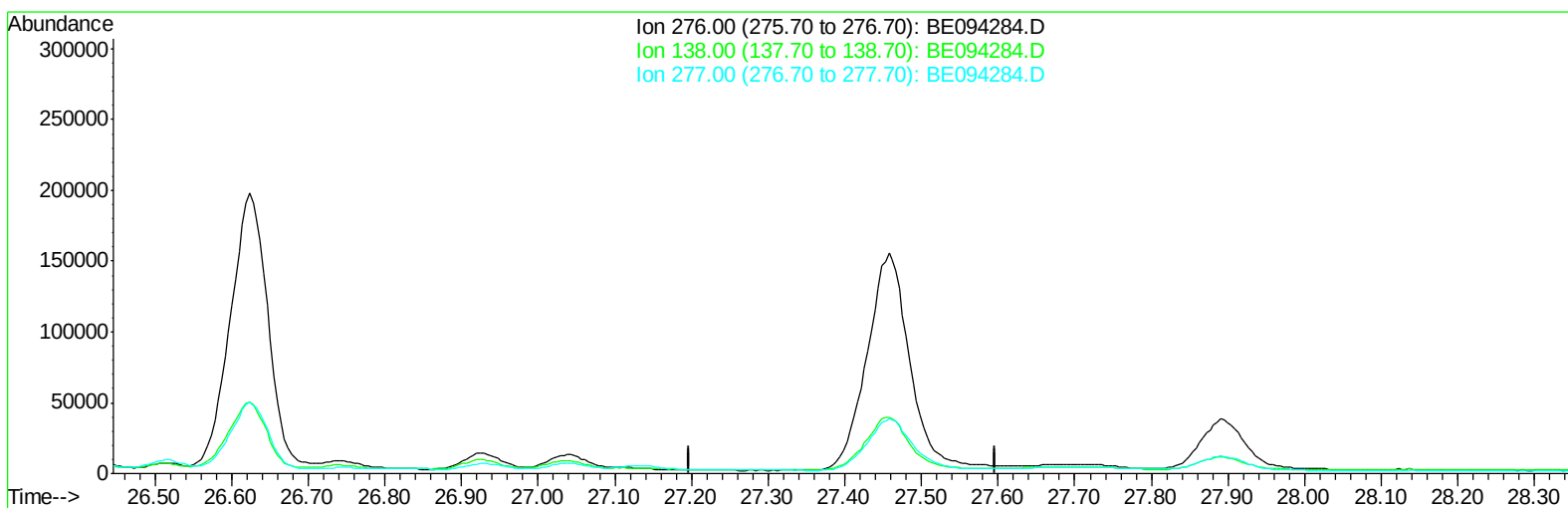
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.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

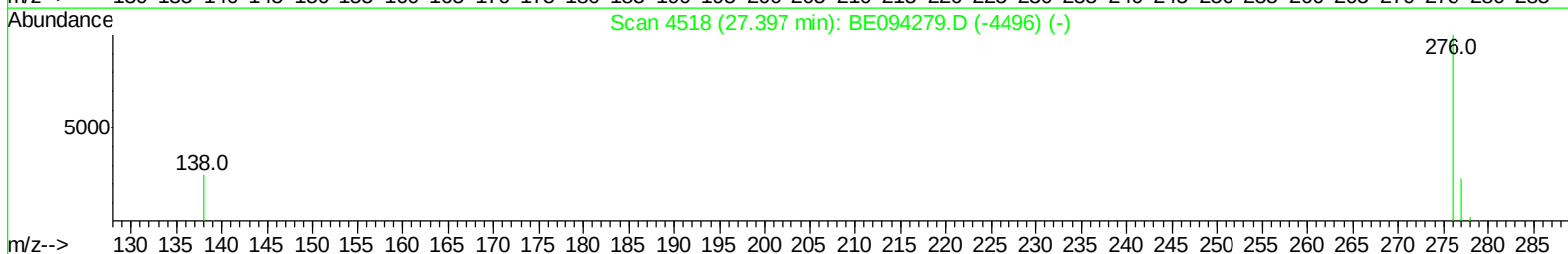
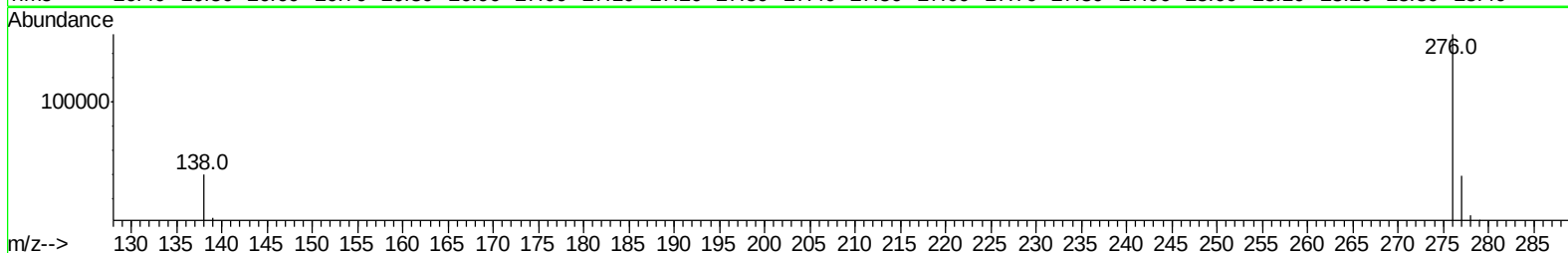
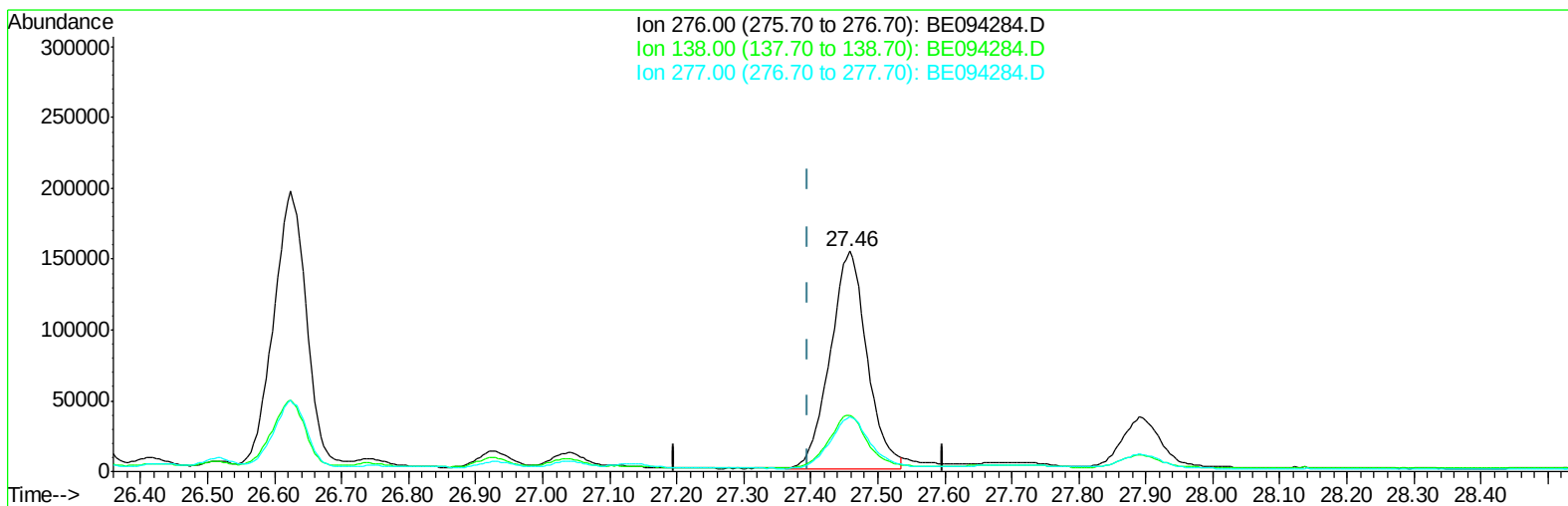
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:20:37 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: BE094284.D

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

27.457min (+0.060) 16.36ng/ul m

response 593553

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.73
277.00	25.60	25.07
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094284.D
 Acq On : 11 Oct 2017 17:58
 Operator : SJ/JU
 Sample : I5490-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-43(5-7)-092617

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:22:39 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	7720	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11703	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8492	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11768	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11125	0.40	ng/ul	0.01
20) Perylene-d12	23.94	264	14565m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4412	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	8582	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	474885	16.567	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	69683	3.747	ng/ul	99
7) Acenaphthylene	14.24	152	39781	1.202	ng/ul#	95
8) Acenaphthene	14.57	153	64077	2.351	ng/ul	97
9) Fluorene	15.56	166	102574	3.214	ng/ul	91
11) Pentachlorophenol	16.93	266	185	0.134	ng/ul#	87
12) Phenanthrene	17.29	178	1133592	36.862	ng/ul#	90
13) Anthracene	17.38	178	313702	10.489	ng/ul#	91
15) Fluoranthene	19.31	202	1934791	47.883	ng/ul	84
17) Pyrene	19.67	202	1953763	63.119	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	1122951	38.049	ng/ul#	88
19) Chrysene	21.46	228	1056587	31.001	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	1244588	31.456	ng/ul	87
22) Benzo(k)fluoranthene	23.21	252	424874m	9.290	ng/ul	
23) Benzo(a)pyrene	23.84	252	969190m	23.573	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.62	276	664074m	15.789	ng/ul	
25) Dibenzo(a,h)anthracene	26.62	278	179756m	5.095	ng/ul	
26) Benzo(g,h,i)perylene	27.46	276	593553m	16.361	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:36 PM

Quant Time: Oct 12 08:22:39 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

