

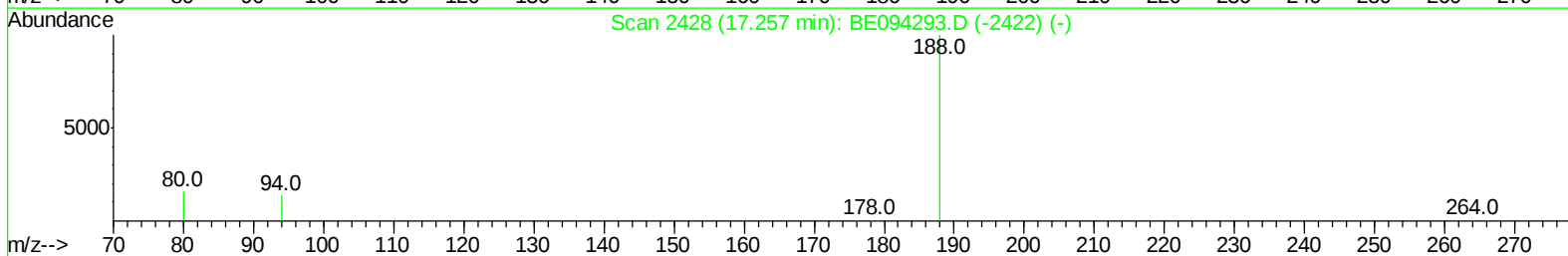
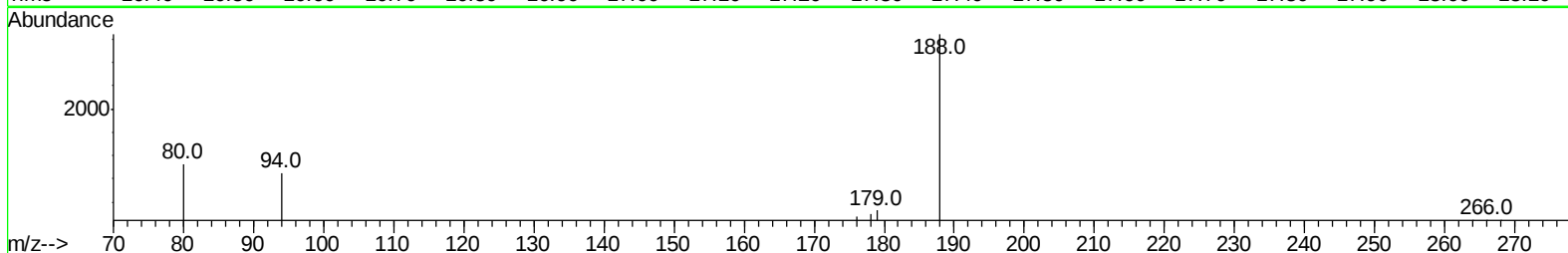
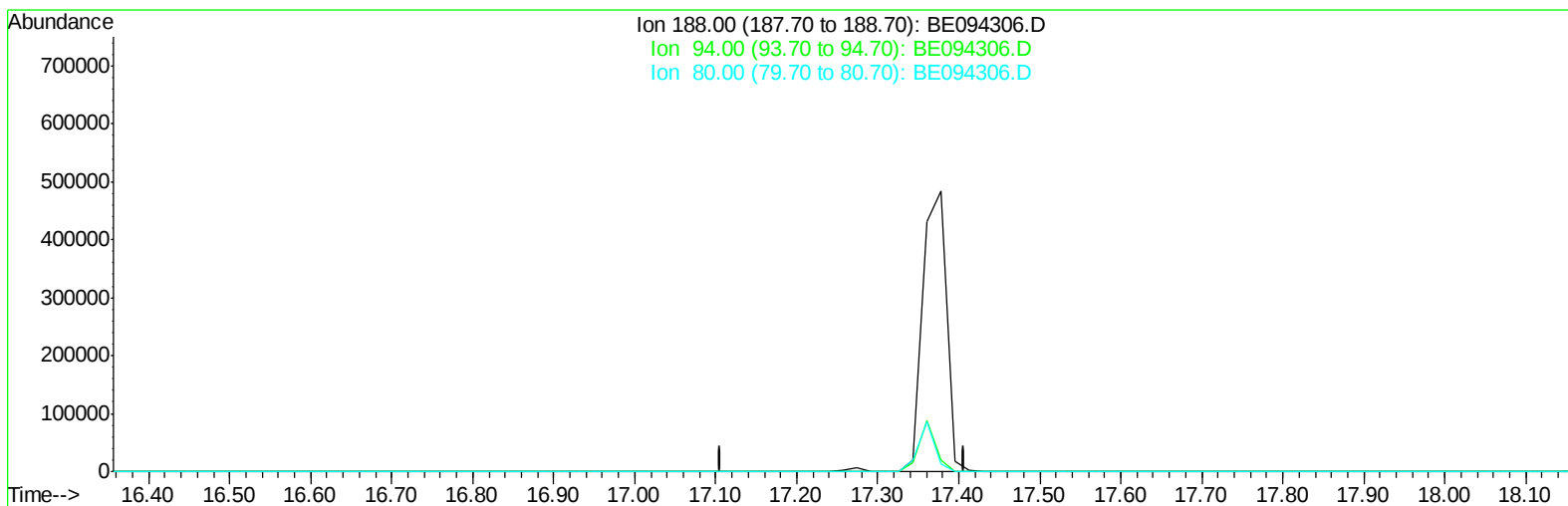
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 08:59:49 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: BE094306.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

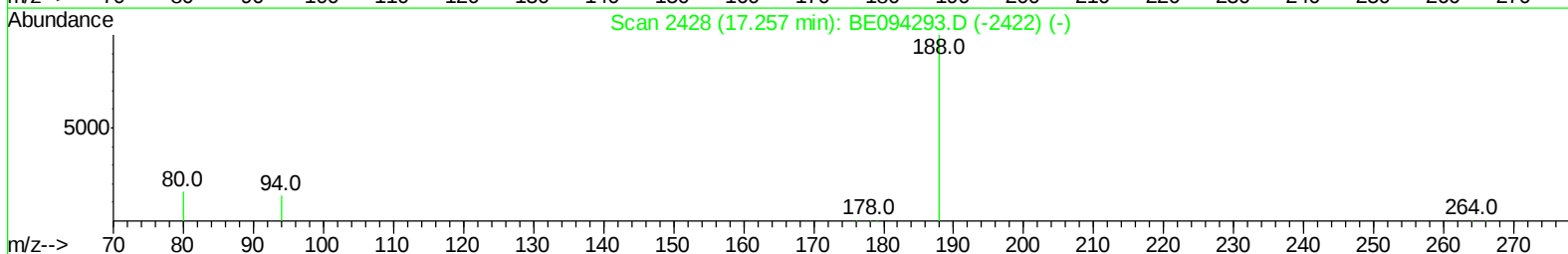
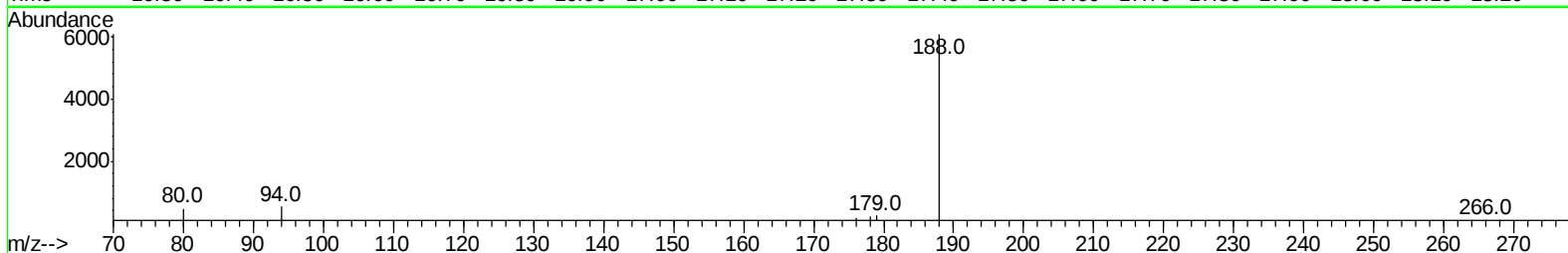
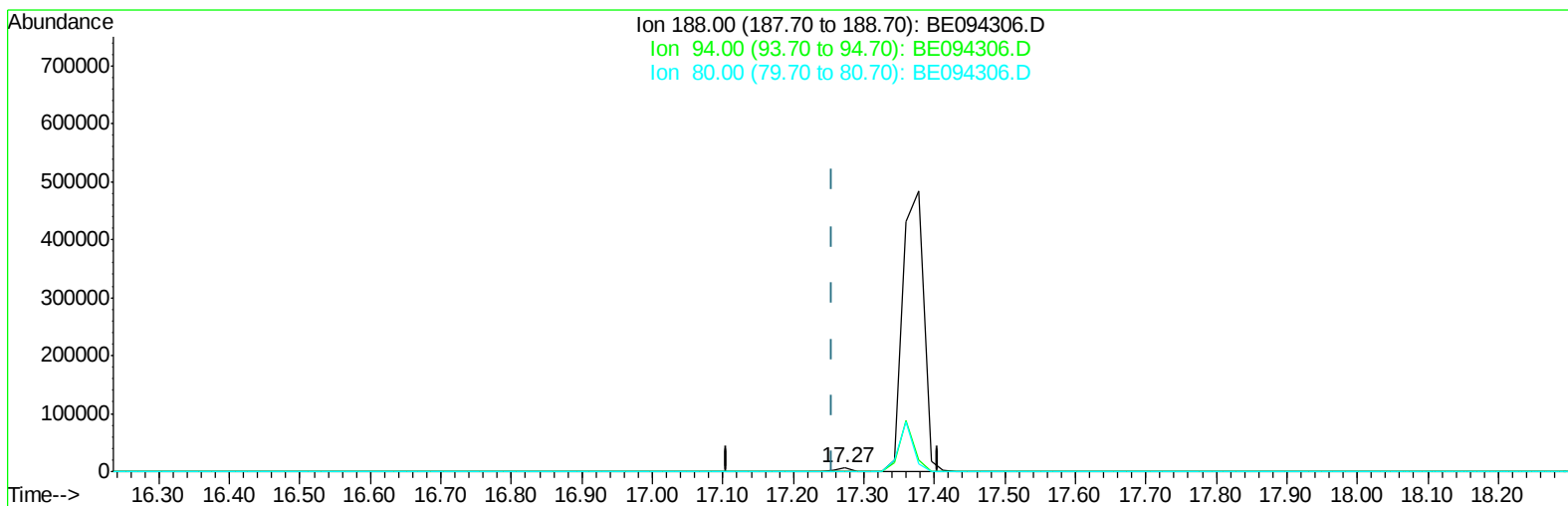
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 08:59:49 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: BE094306.D

(10) Phenanthrene-d10 (I)

17.274min (+0.017) 0.40ng/ul m

response 10655

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.71#
80.00	11.80	7.86#
0.00	0.00	0.00

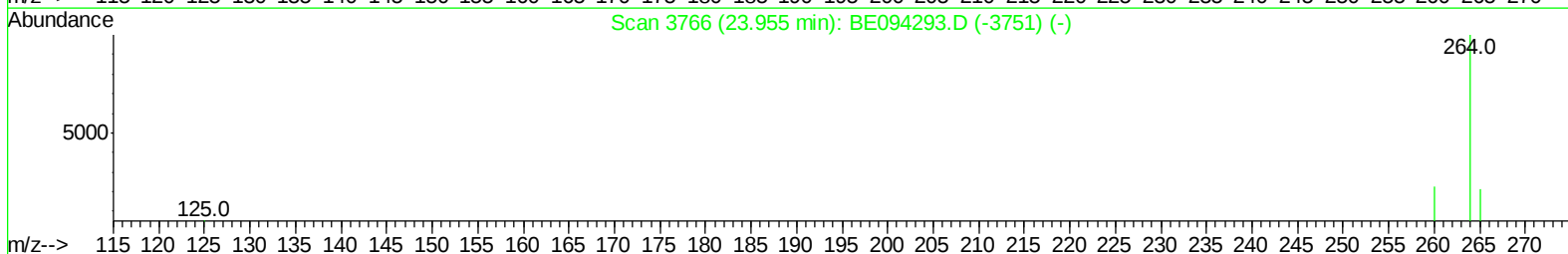
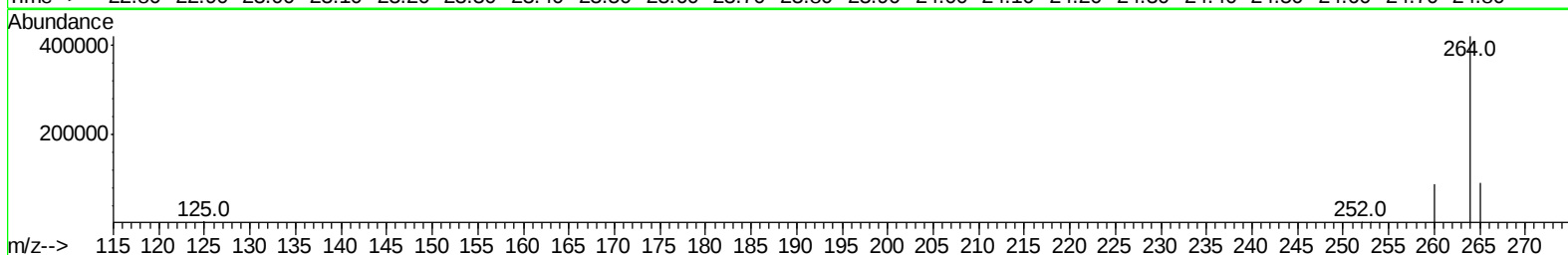
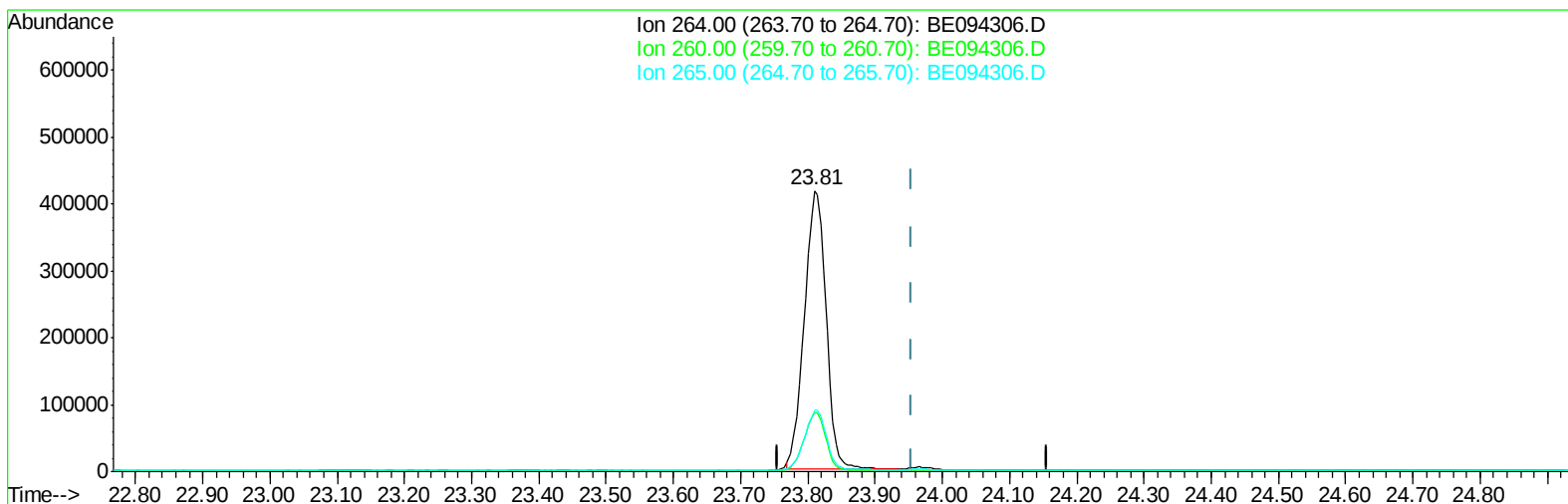
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:43:24 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: BE094306.D

(20) Perylene-d12 (I)

23.810min (-0.145) 0.40ng/ul

response 933399

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.15#
265.00	103.50	21.87#
0.00	0.00	0.00

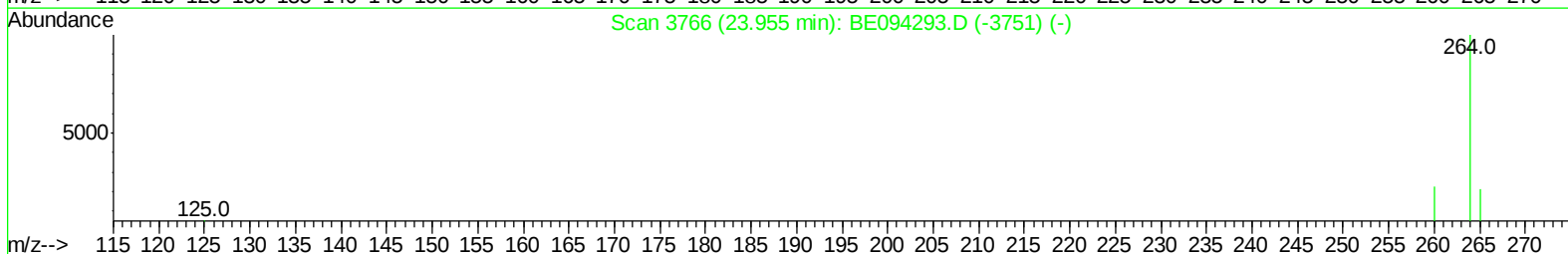
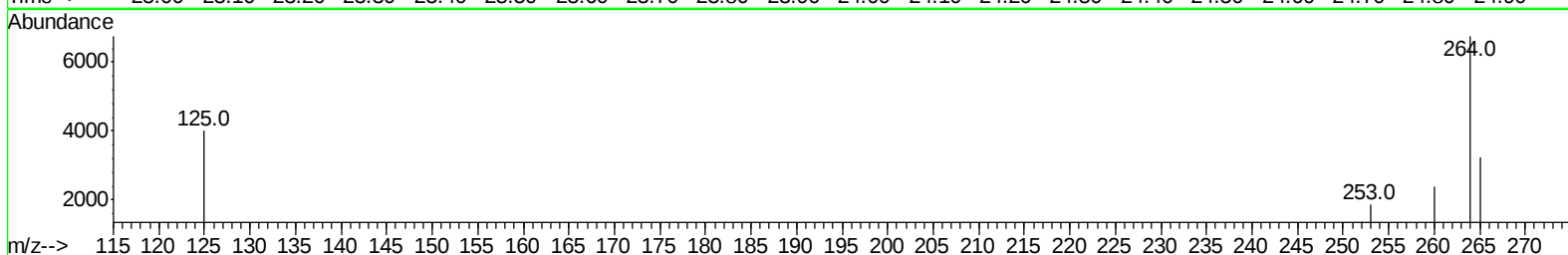
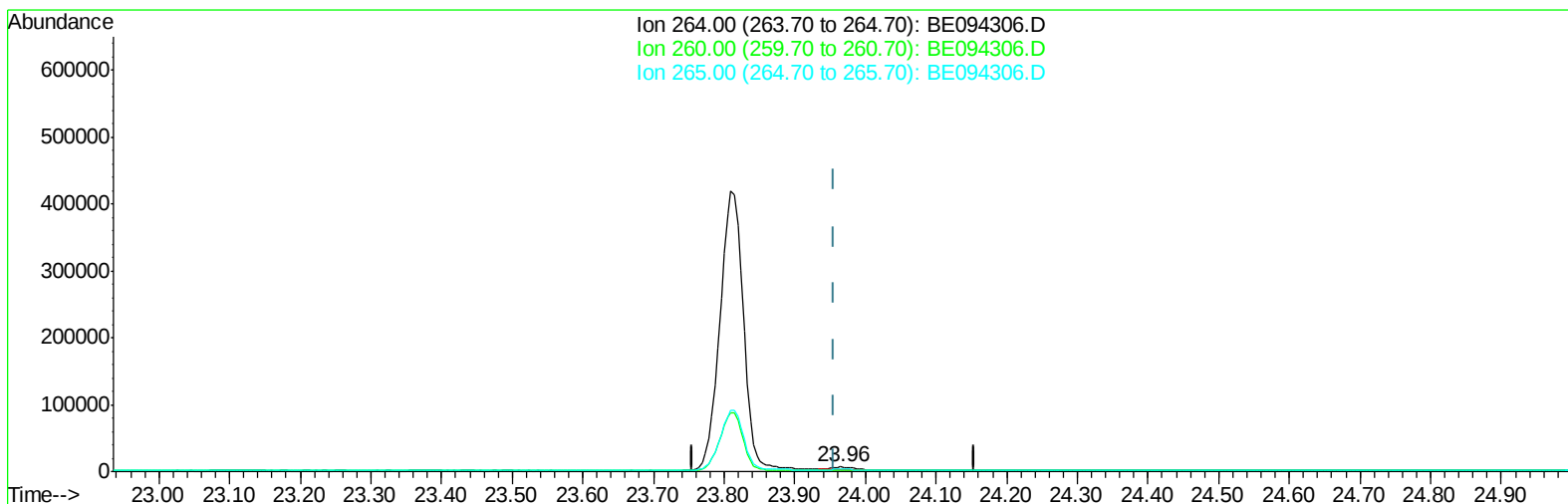
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:43:24 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: BE094306.D

(20) Perylene-d12 (I)

23.965min (+0.009) 0.40ng/ul m

response 11165

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	35.32
265.00	103.50	48.02#
0.00	0.00	0.00

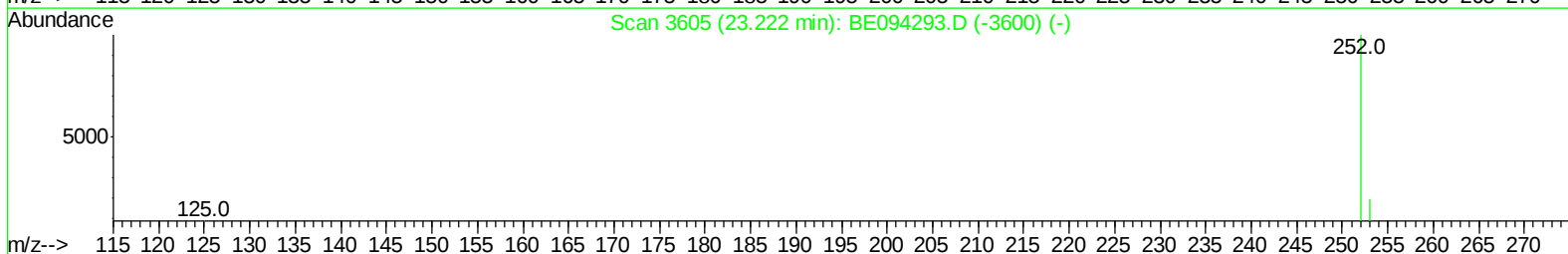
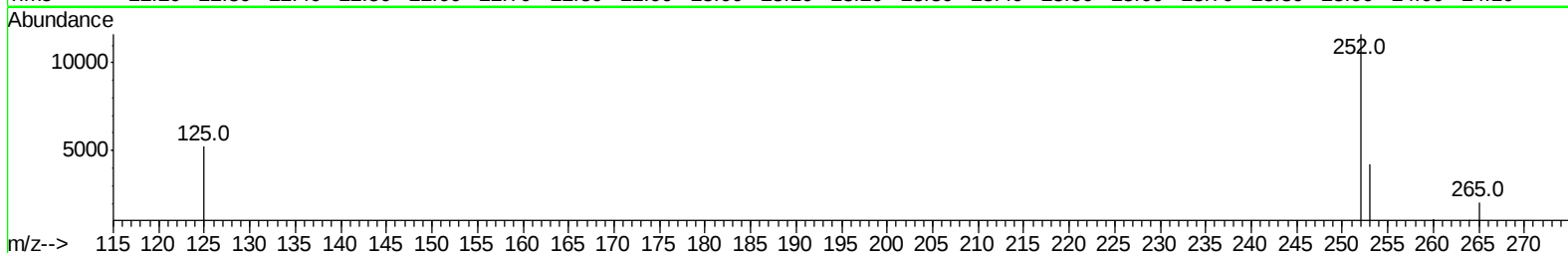
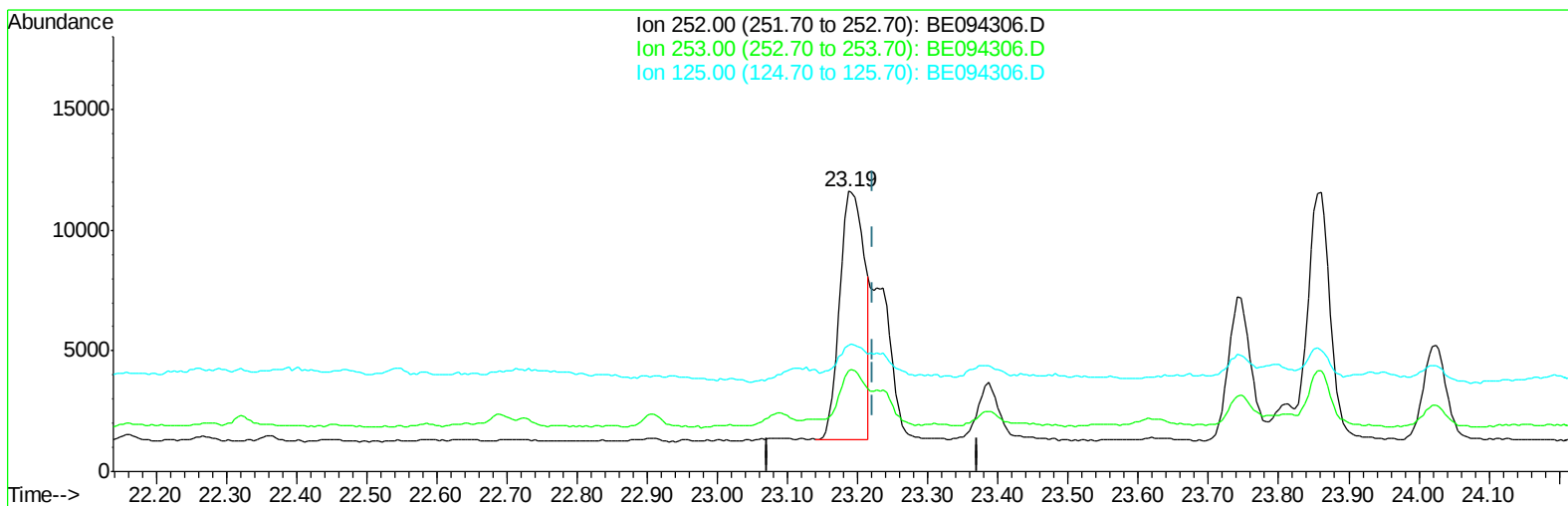
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:44:07 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: BE094306.D

(22) Benzo(k)fluoranthene

23.186min (-0.036) 0.71ng/ul

response 24735

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	36.13
125.00	17.10	45.03#
0.00	0.00	0.00

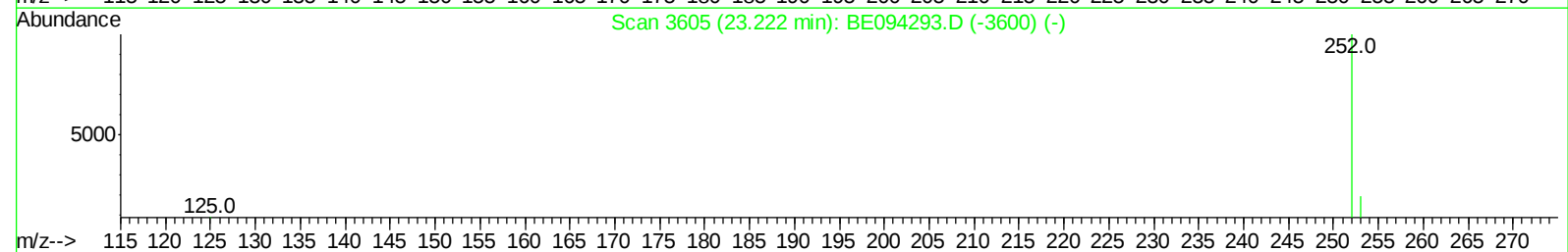
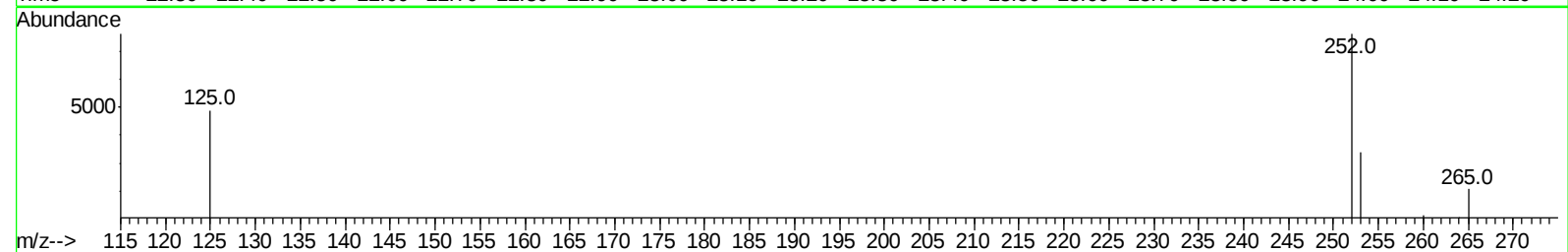
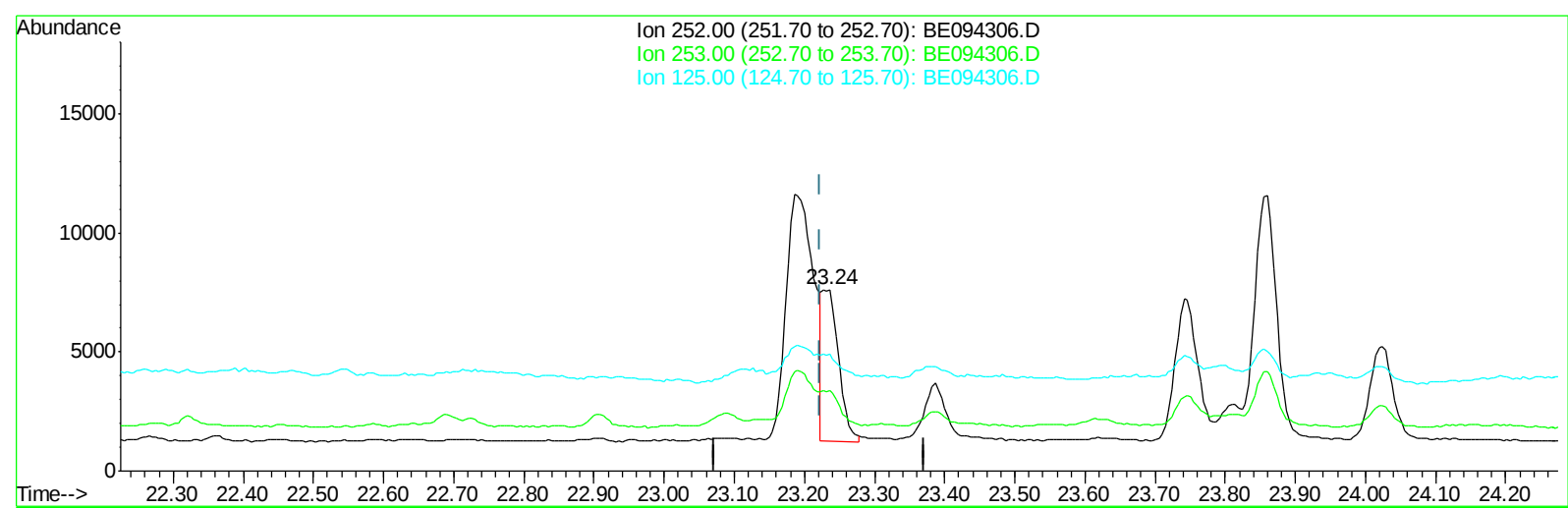
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:44:07 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: BE094306.D

(22) Benzo(k)fluoranthene

23.236min (+0.014) 0.29ng/ul m

response 10119

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	44.14#
125.00	17.10	64.16#
0.00	0.00	0.00

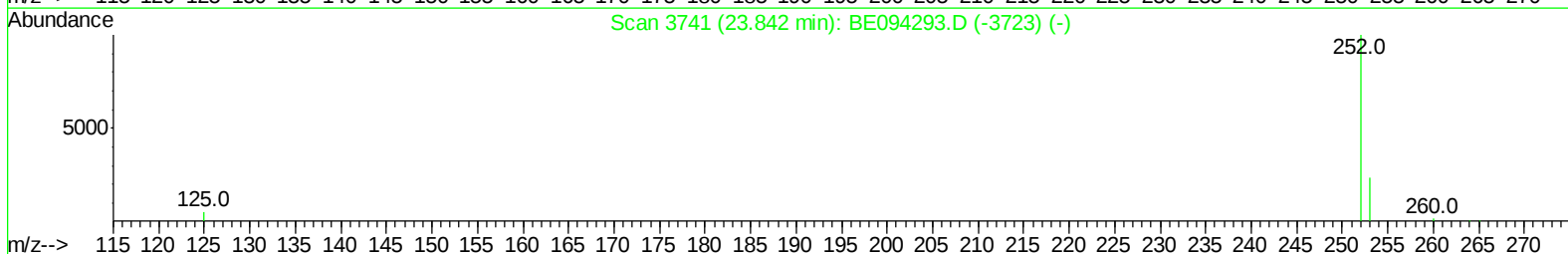
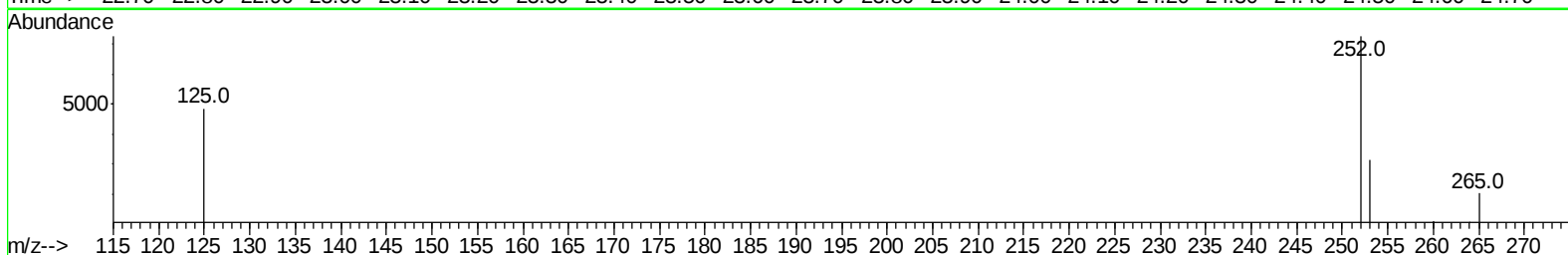
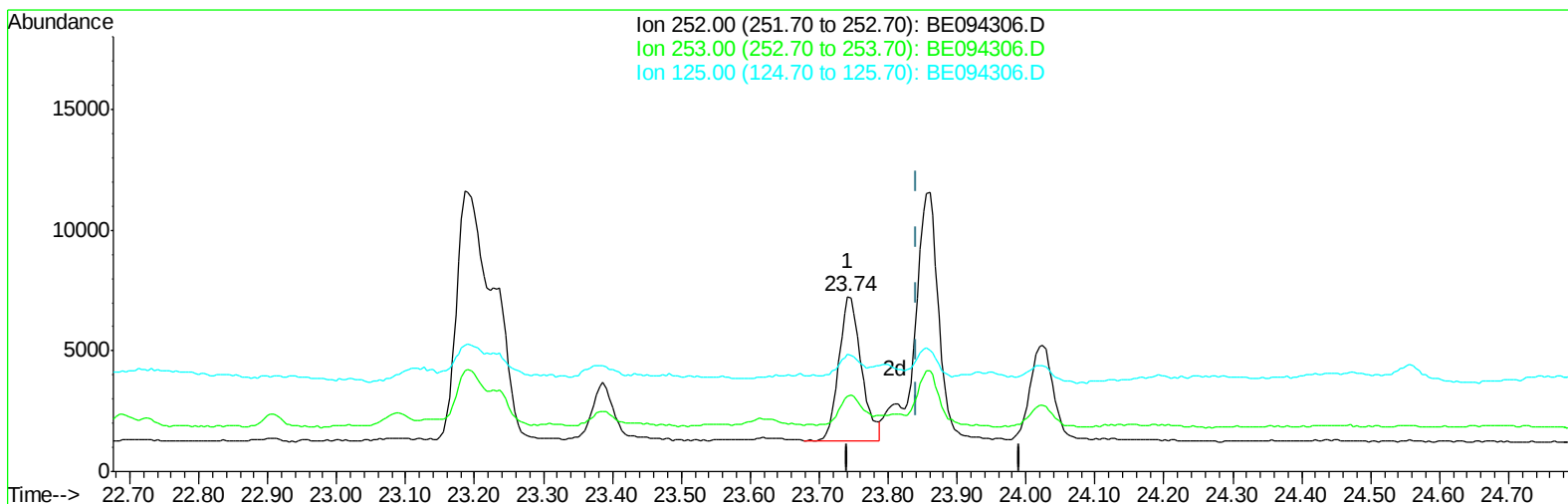
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:44:07 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: BE094306.D

(23) Benzo(a)pyrene (C)

23.742min (-0.100) 0.43ng/ul

response 13654

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	43.26#
125.00	22.60	66.62#
0.00	0.00	0.00

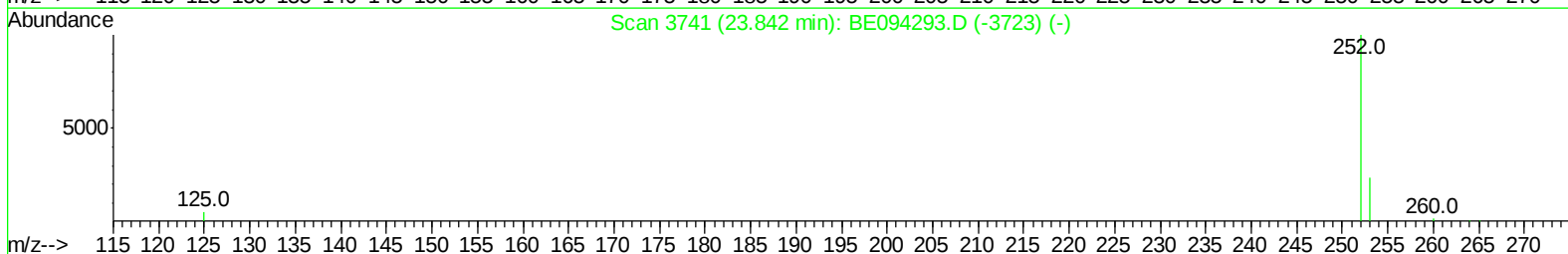
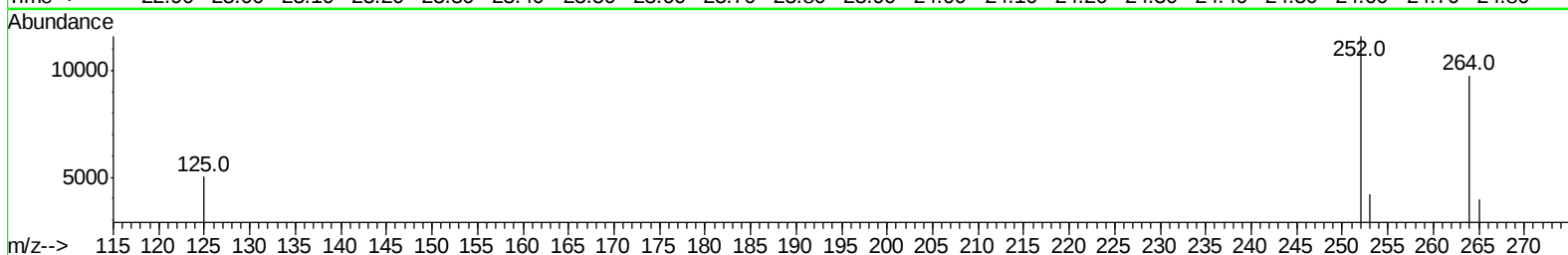
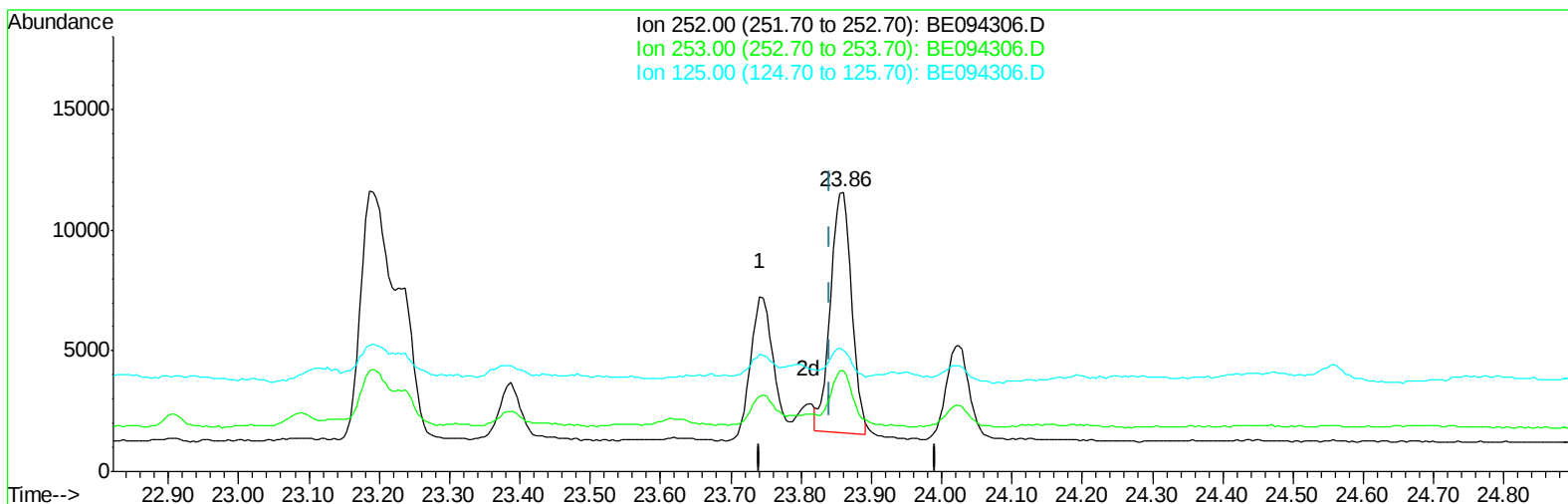
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:44:07 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: BE094306.D

(23) Benzo(a)pyrene (C)

23.860min (+0.018) 0.67ng/ul m

response 20986

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	36.16
125.00	22.60	43.26#
0.00	0.00	0.00

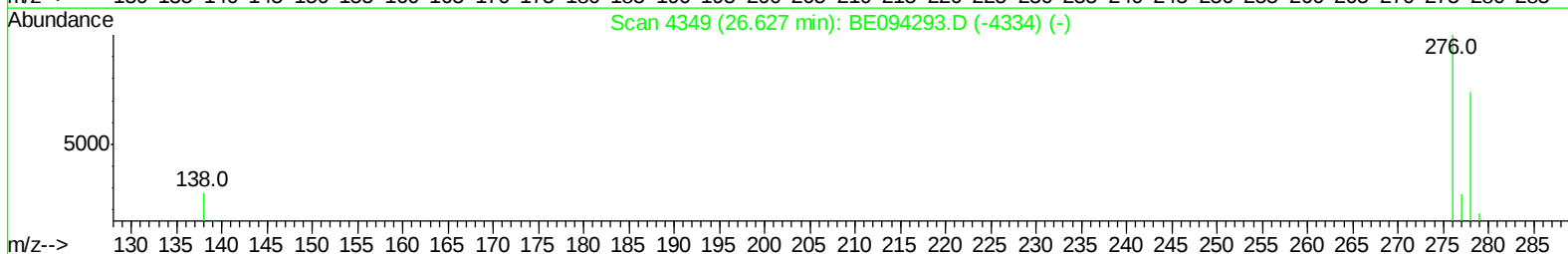
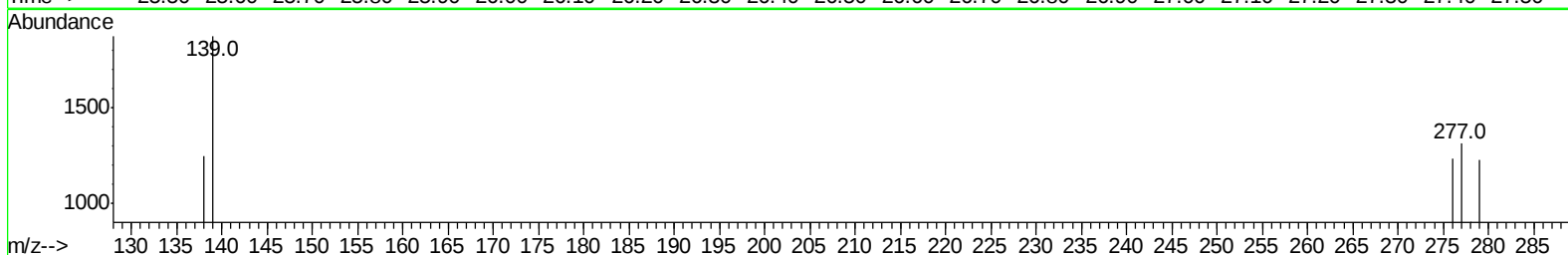
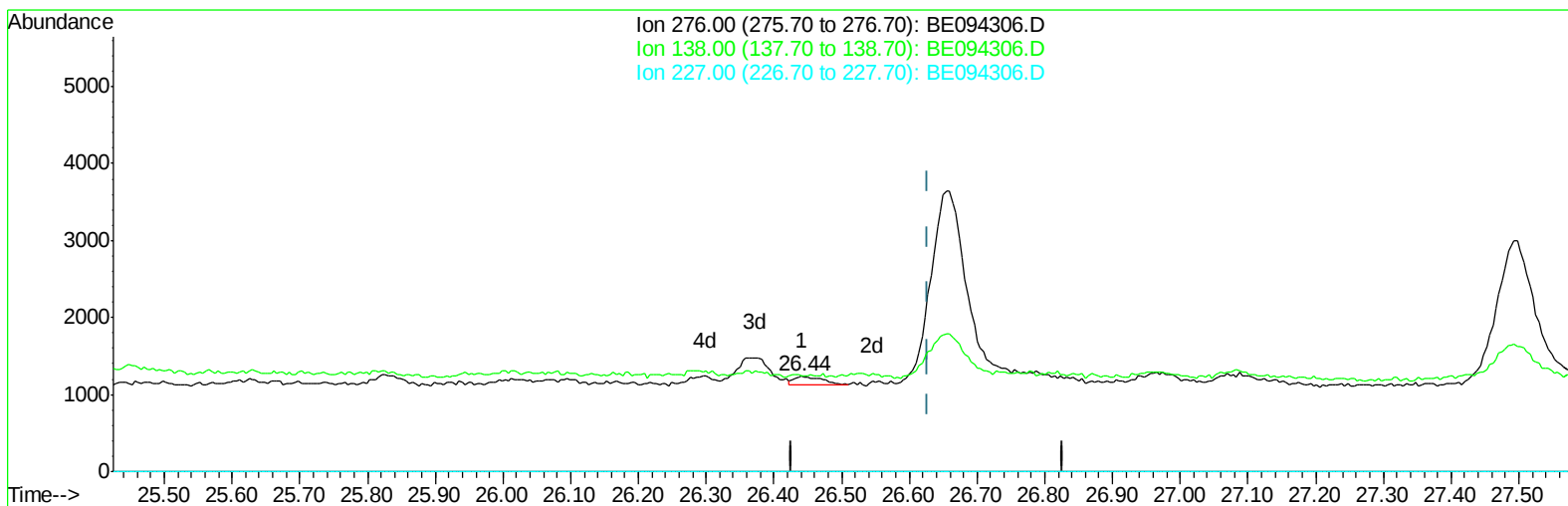
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:44:07 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: BE094306.D

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

26.441min (-0.187) 0.01ng/ul

response 345

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	16.52#
227.00	10.00	0.00#
0.00	0.00	0.00

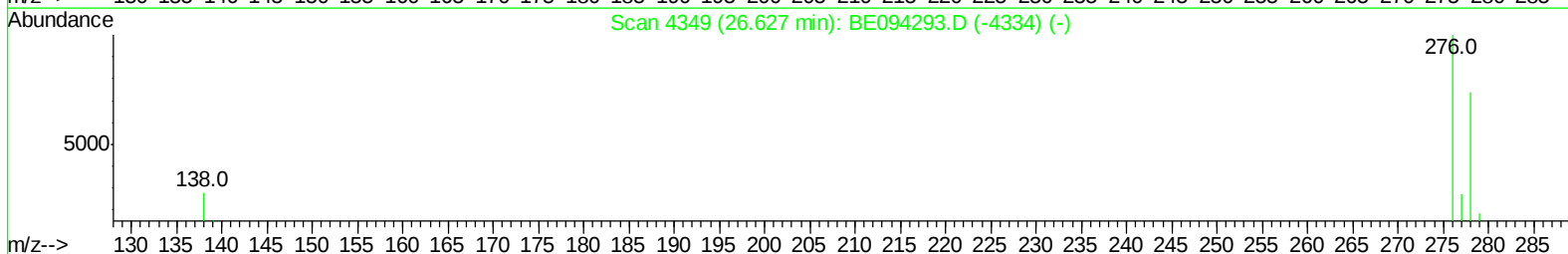
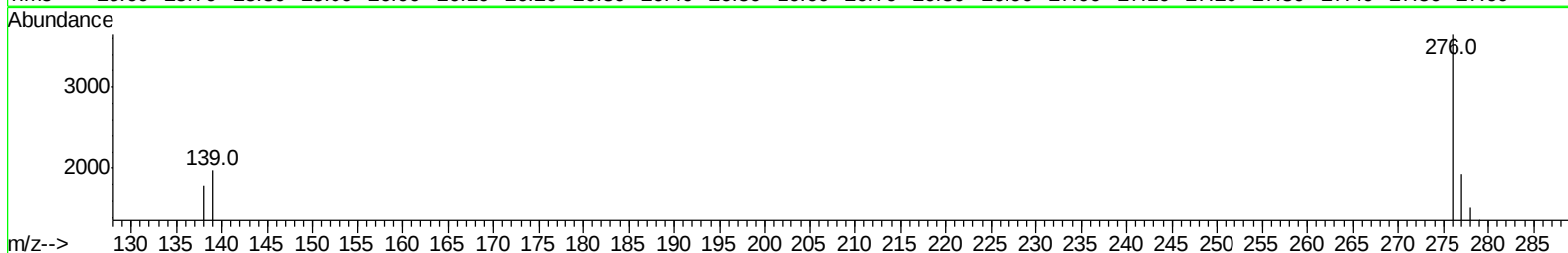
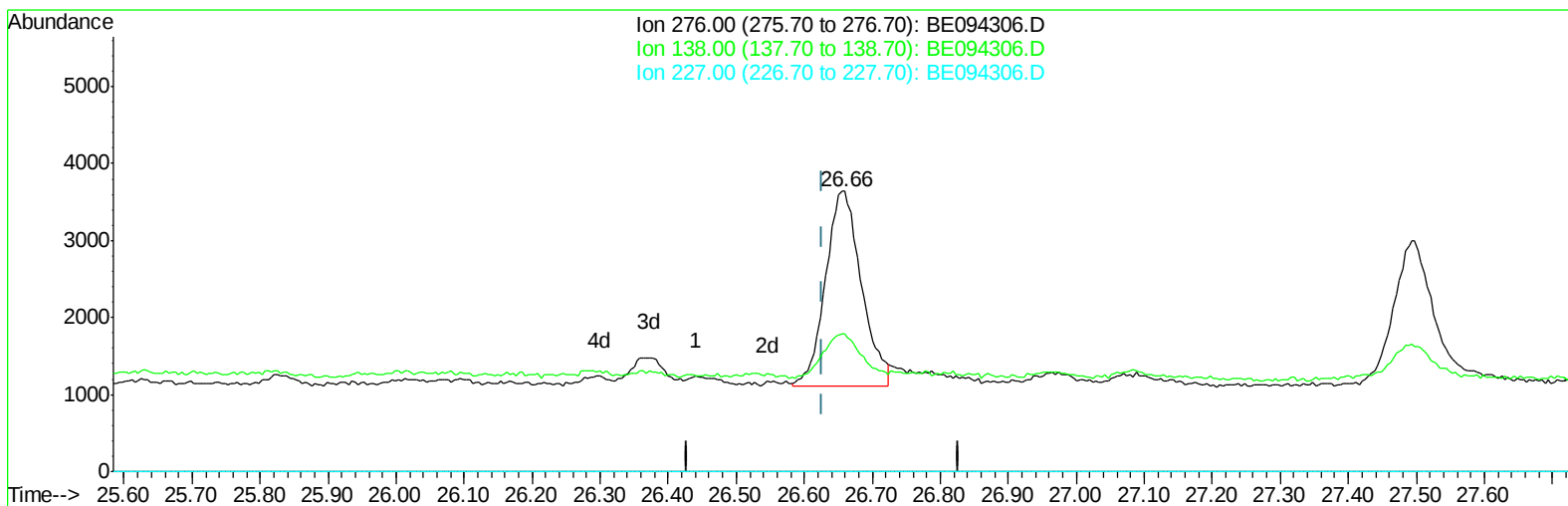
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:44:07 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: BE094306.D

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

26.659min (+0.032) 0.29ng/ul m

response 9353

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.61#
227.00	10.00	0.00#
0.00	0.00	0.00

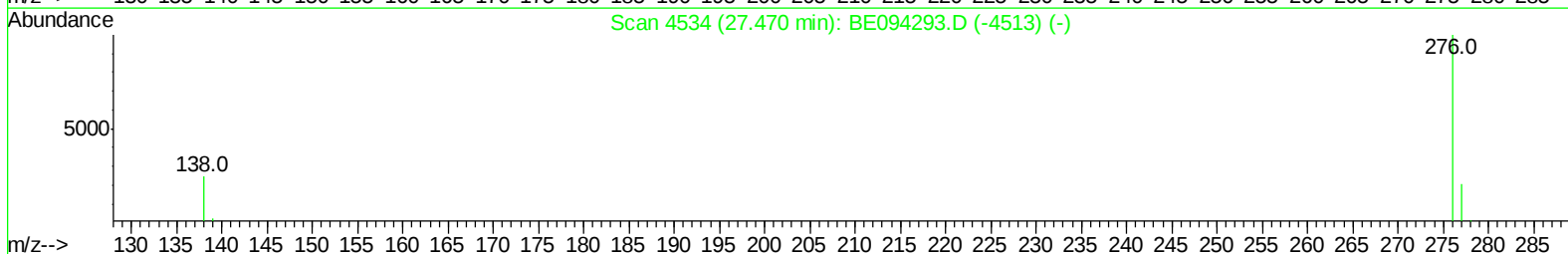
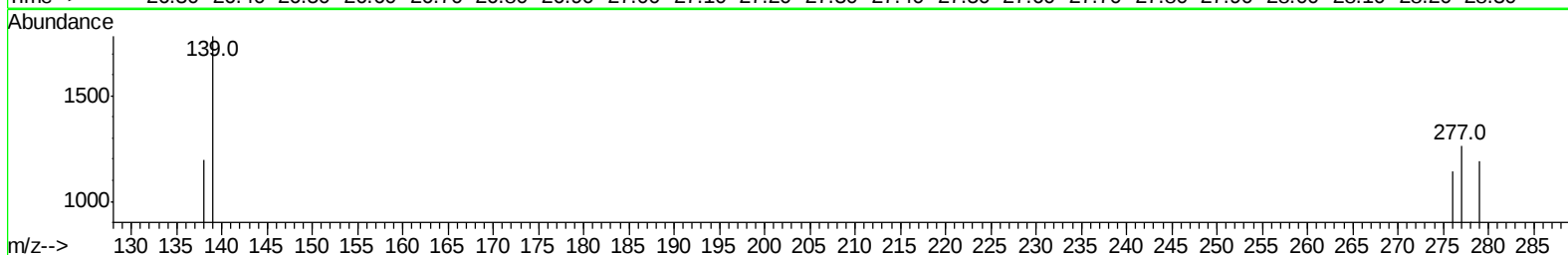
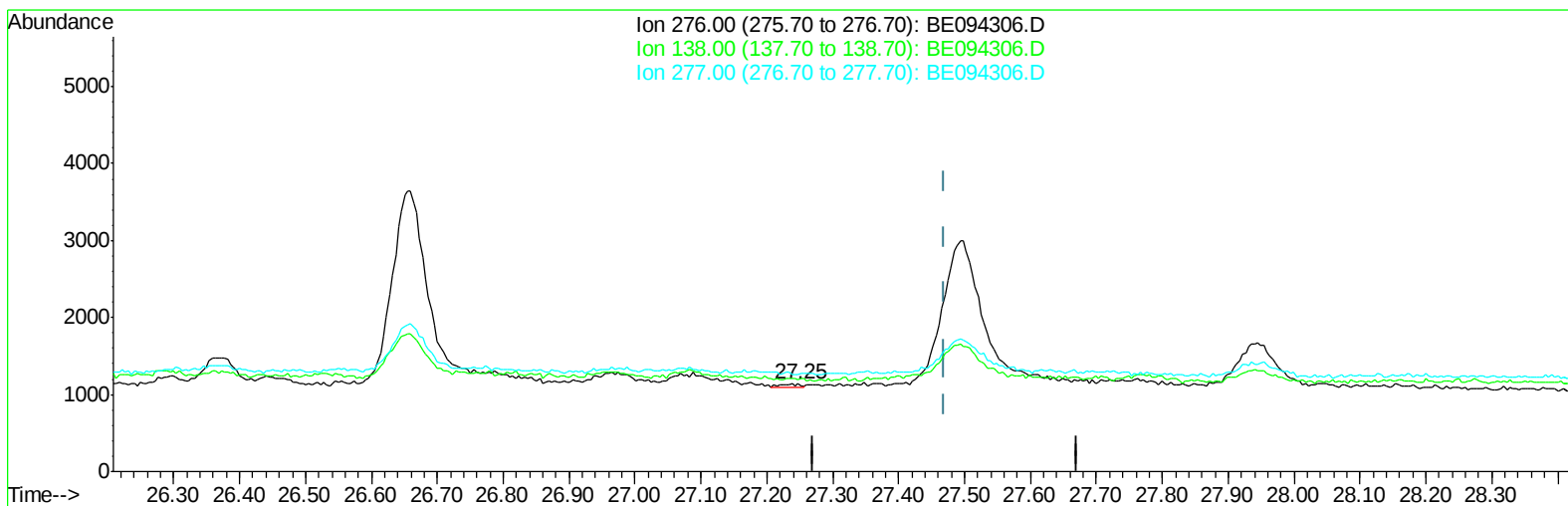
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:44:07 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: BE094306.D

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

27.247min (-0.223) 0.00ng/ul

response 93

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	105.08#
277.00	25.60	110.96#
0.00	0.00	0.00

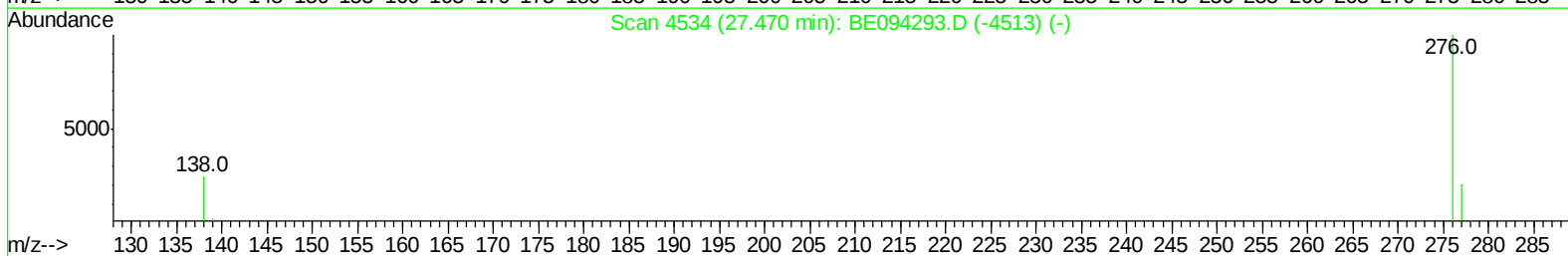
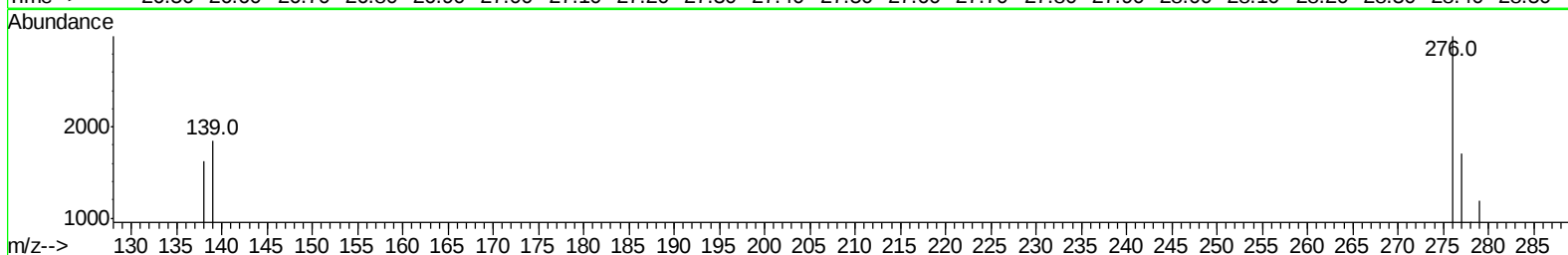
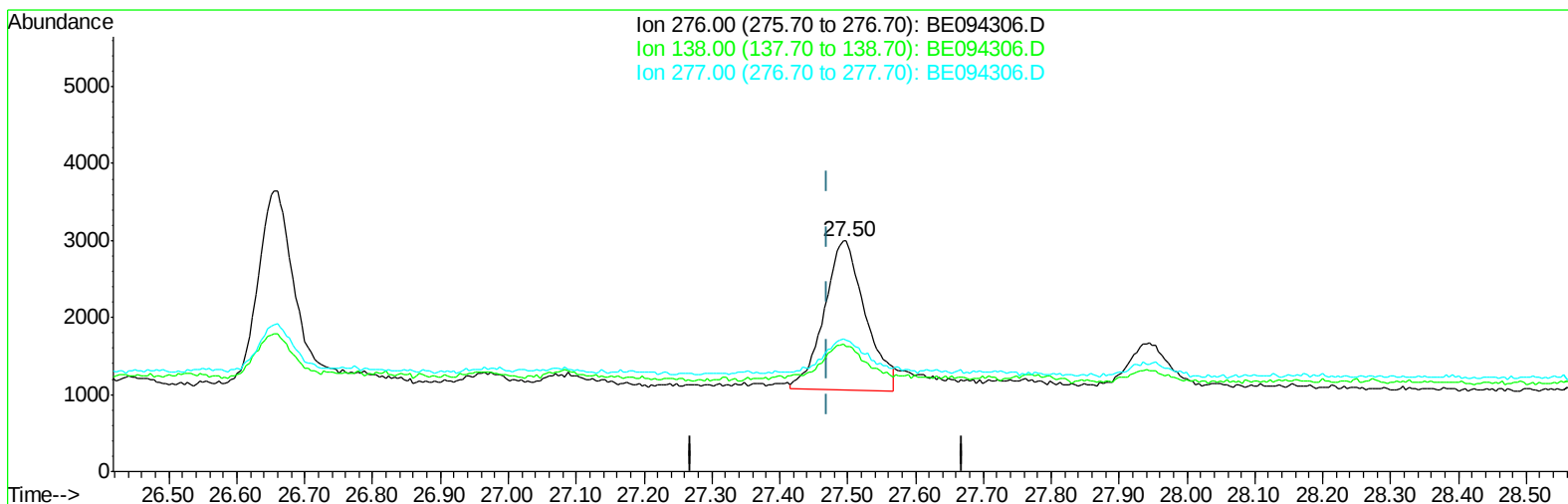
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:44:07 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: BE094306.D

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

27.498min (+0.028) 0.29ng/ul m

response 8127

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	54.09#
277.00	25.60	57.10#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094306.D
 Acq On : 12 Oct 2017 7:32
 Operator : SJ/JU
 Sample : I5649-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-59(12-13.5)-100317

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:46:04 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	2580	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8785	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5107	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10655m	0.40	ng/ul	0.02
16) Chrysene-d12	21.43	240	9849	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11165m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5939	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	13377	0.38	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.26	152	1137	0.057	ng/ul#	75
8) Acenaphthene	14.60	153	996	0.061	ng/ul	97
9) Fluorene	15.58	166	1586	0.083	ng/ul	91
12) Phenanthrene	17.31	178	17355	0.623	ng/ul#	92
13) Anthracene	17.39	178	8257	0.305	ng/ul#	91
15) Fluoranthene	19.32	202	64425	1.761	ng/ul	84
17) Pyrene	19.69	202	63546	2.319	ng/ul#	81
18) Benzo(a)anthracene	21.42	228	30259	1.158	ng/ul#	90
19) Chrysene	21.47	228	26865	0.890	ng/ul#	84
21) Benzo(b)fluoranthene	23.19	252	24735	0.816	ng/ul#	73
22) Benzo(k)fluoranthene	23.24	252	10119m	0.289	ng/ul	
23) Benzo(a)pyrene	23.86	252	20986m	0.666	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.66	276	9353m	0.290	ng/ul	
26) Benzo(g,h,i)perylene	27.50	276	8127m	0.292	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:46:04 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

