

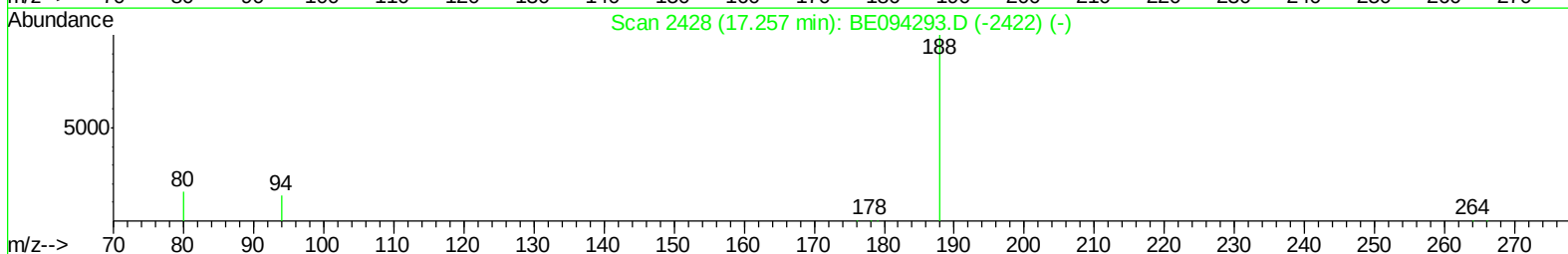
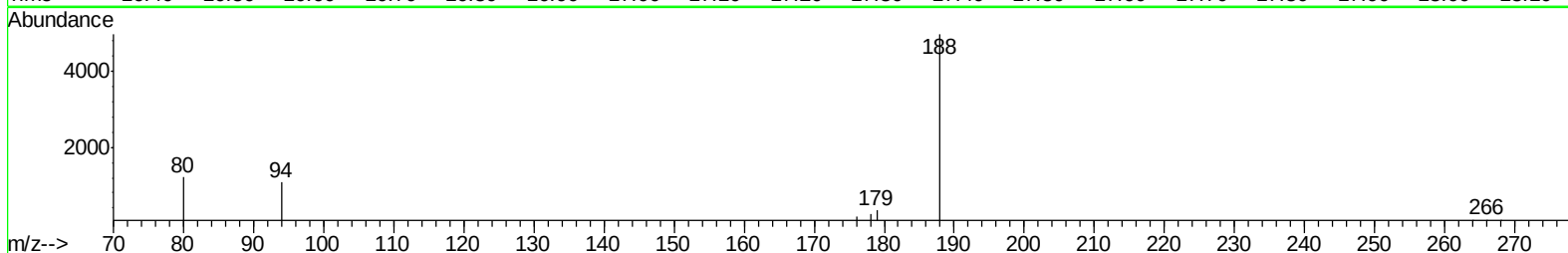
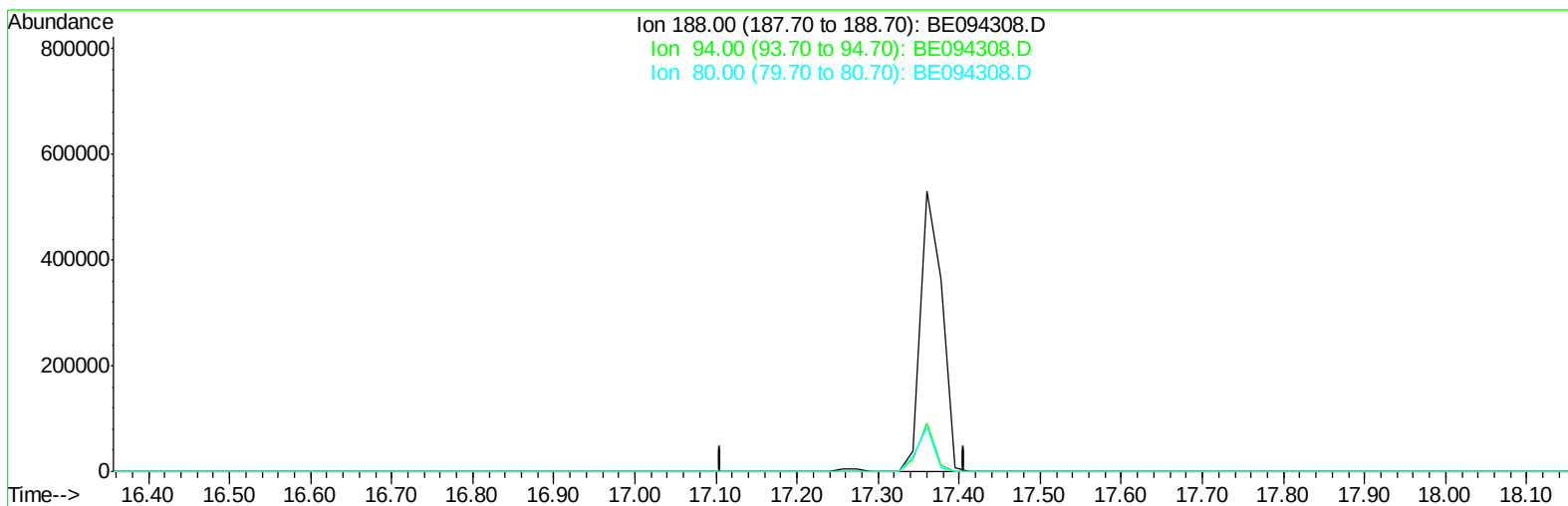
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:17:31 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: BE094308.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

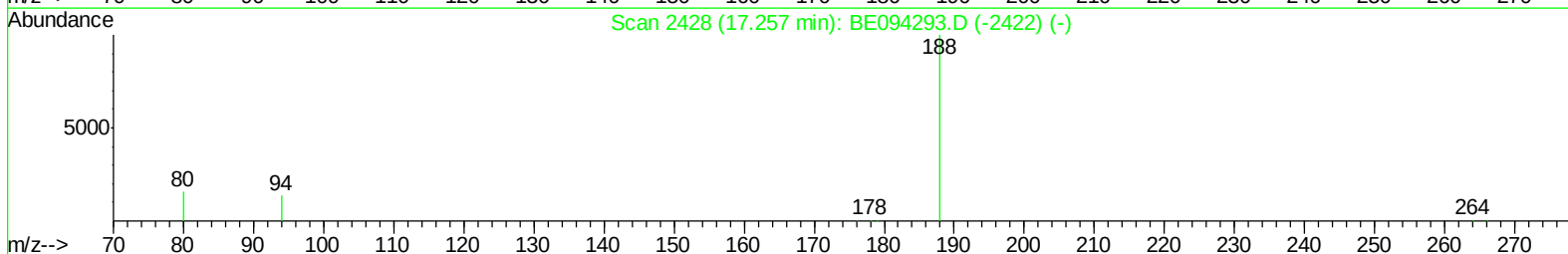
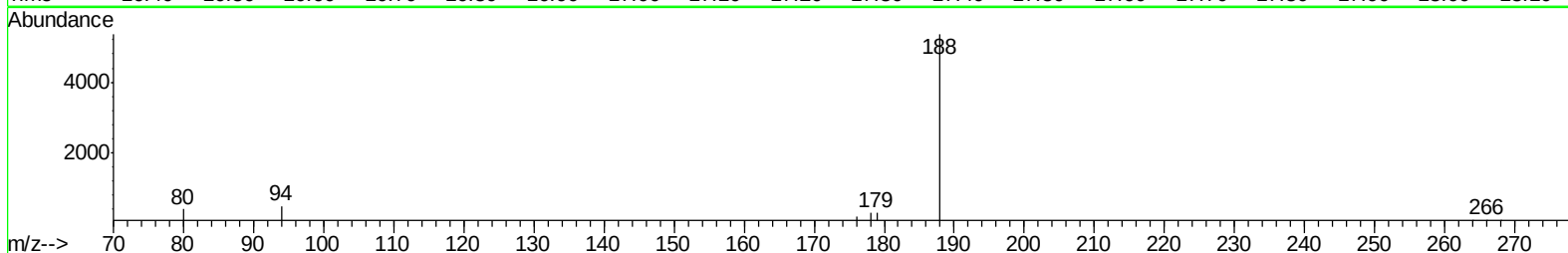
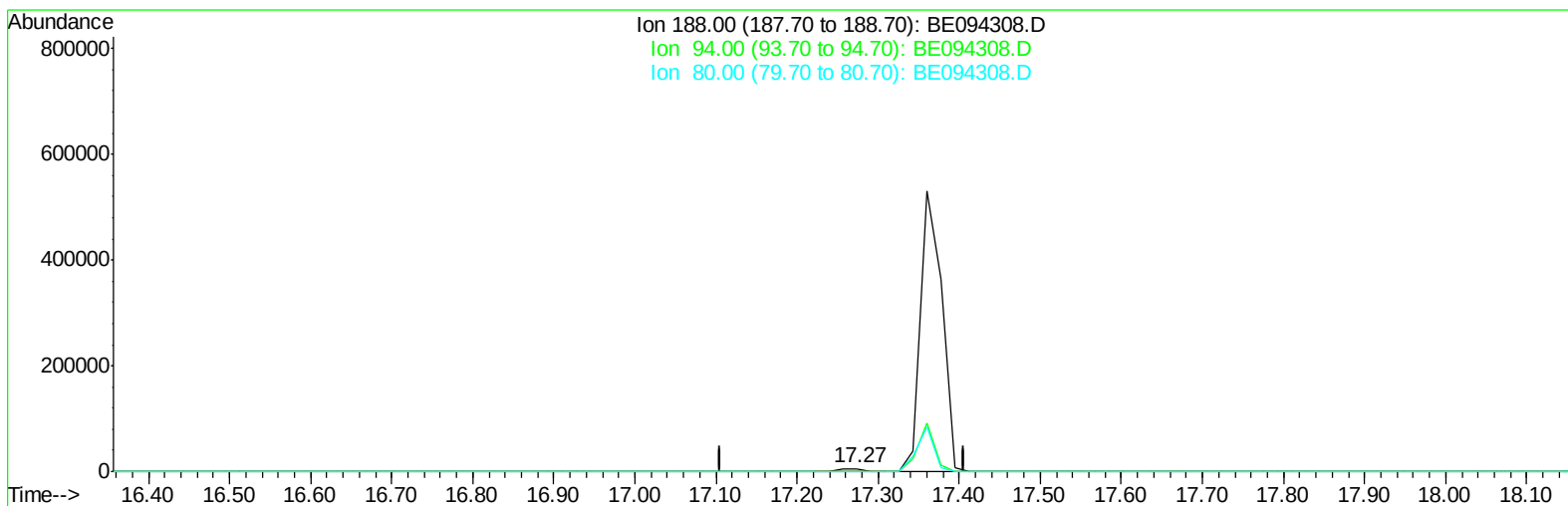
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:17:31 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: BE094308.D

(10) Phenanthrene-d10 (I)

17.274min (+0.017) 0.40ng/ul m

response 11536

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.86
80.00	11.80	7.39#
0.00	0.00	0.00

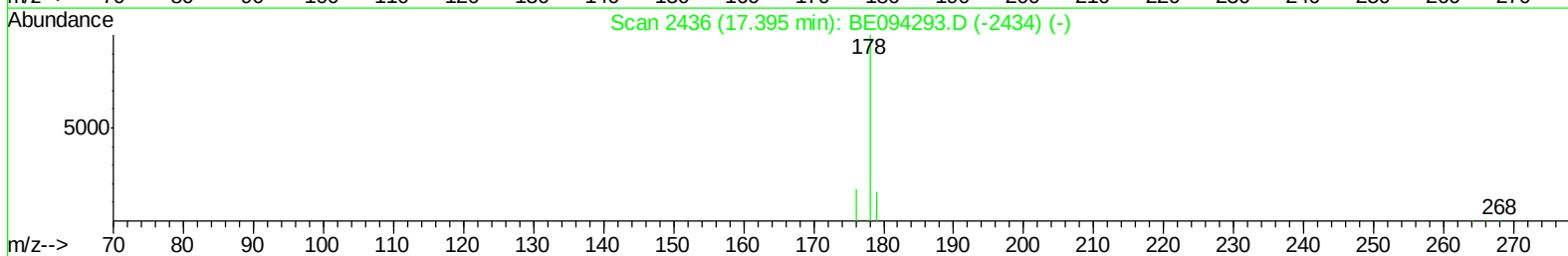
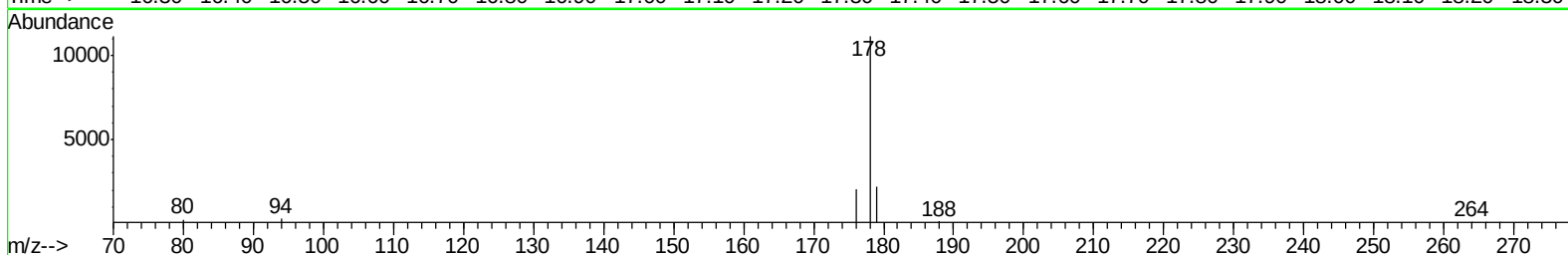
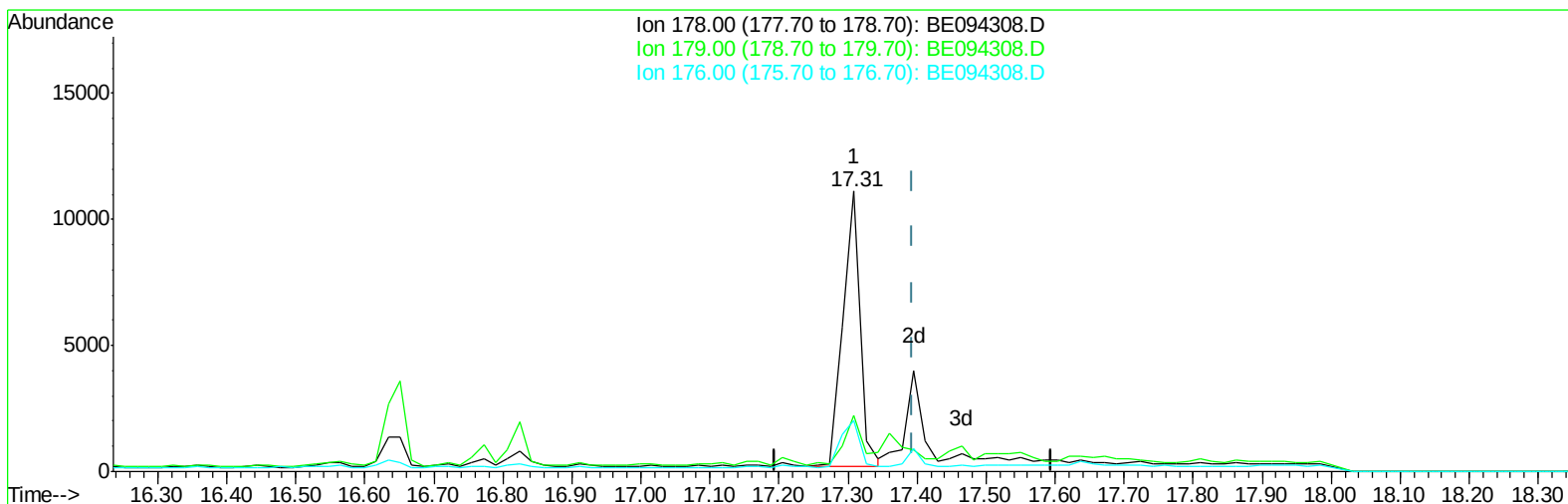
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:18:13 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: BE094308.D

(13) Anthracene

17.309min (-0.086) 0.63ng/ul

response 18513

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	19.89
176.00	18.40	18.10
0.00	0.00	0.00

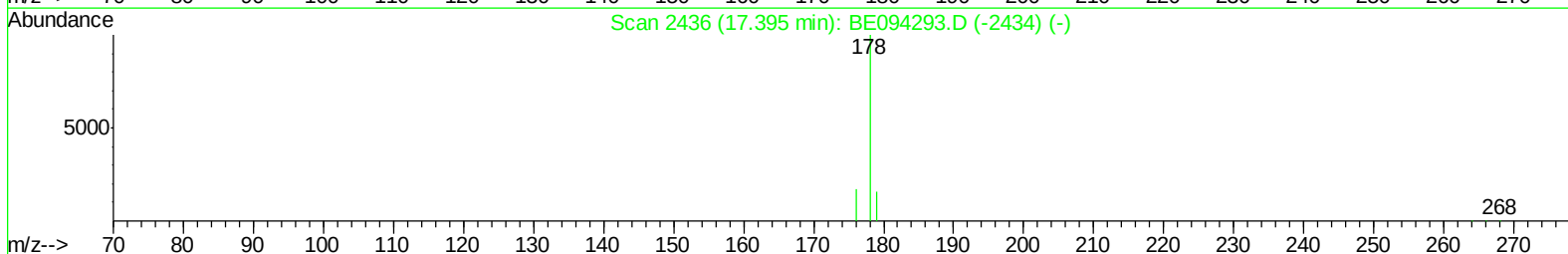
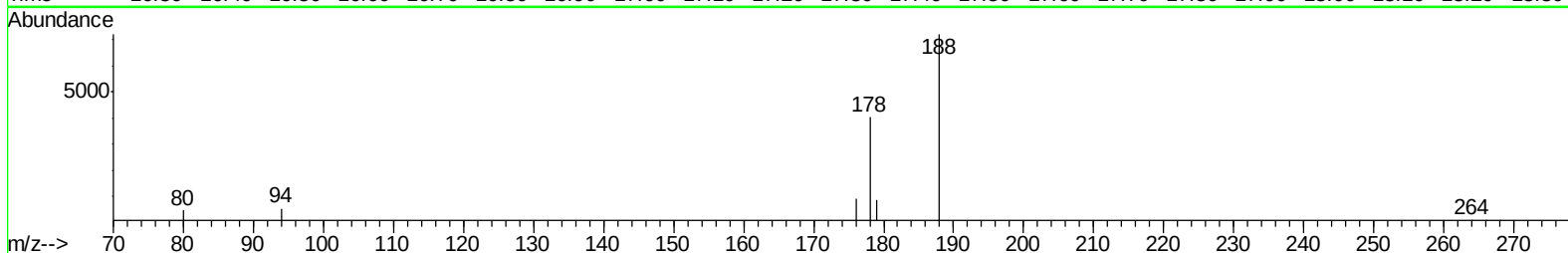
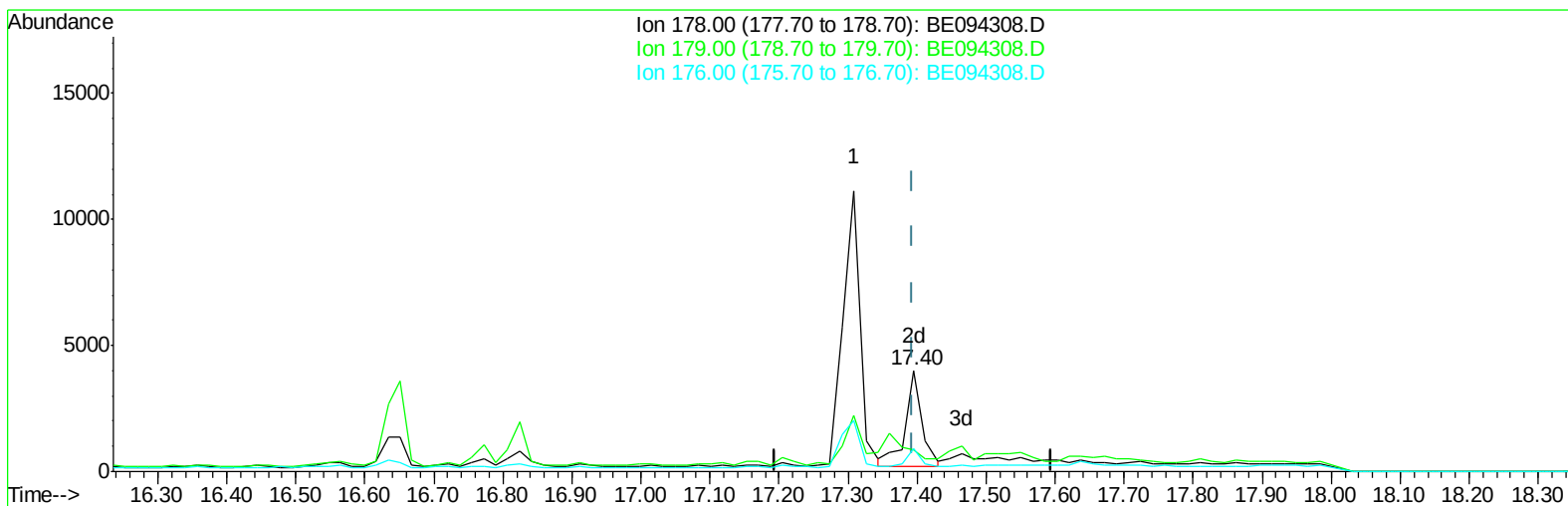
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:18:13 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: BE094308.D

(13) Anthracene

17.395min (+0.000) 0.22ng/ul m

response 6435

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	20.97
176.00	18.40	22.22#
0.00	0.00	0.00

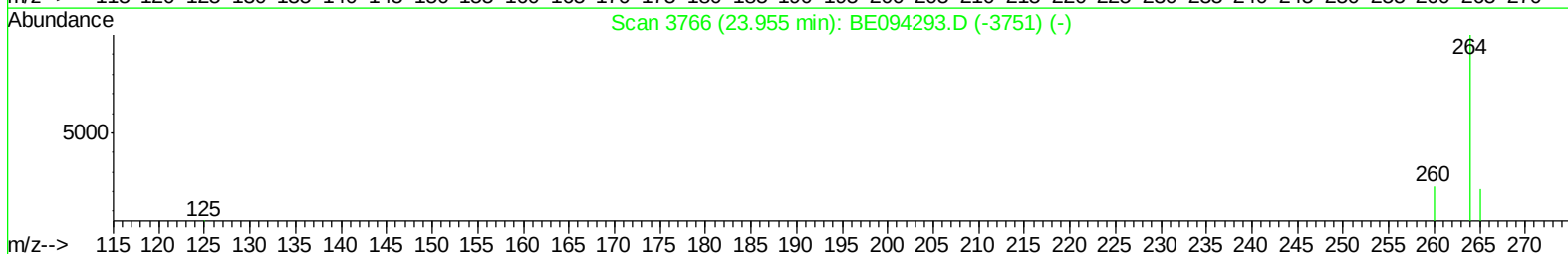
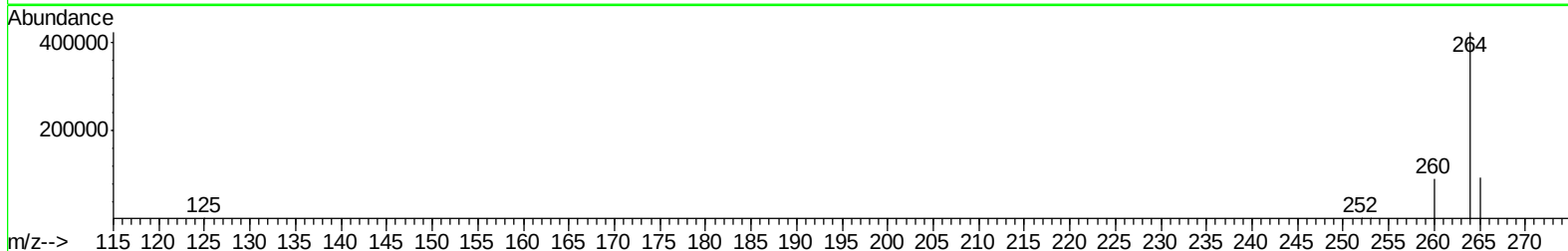
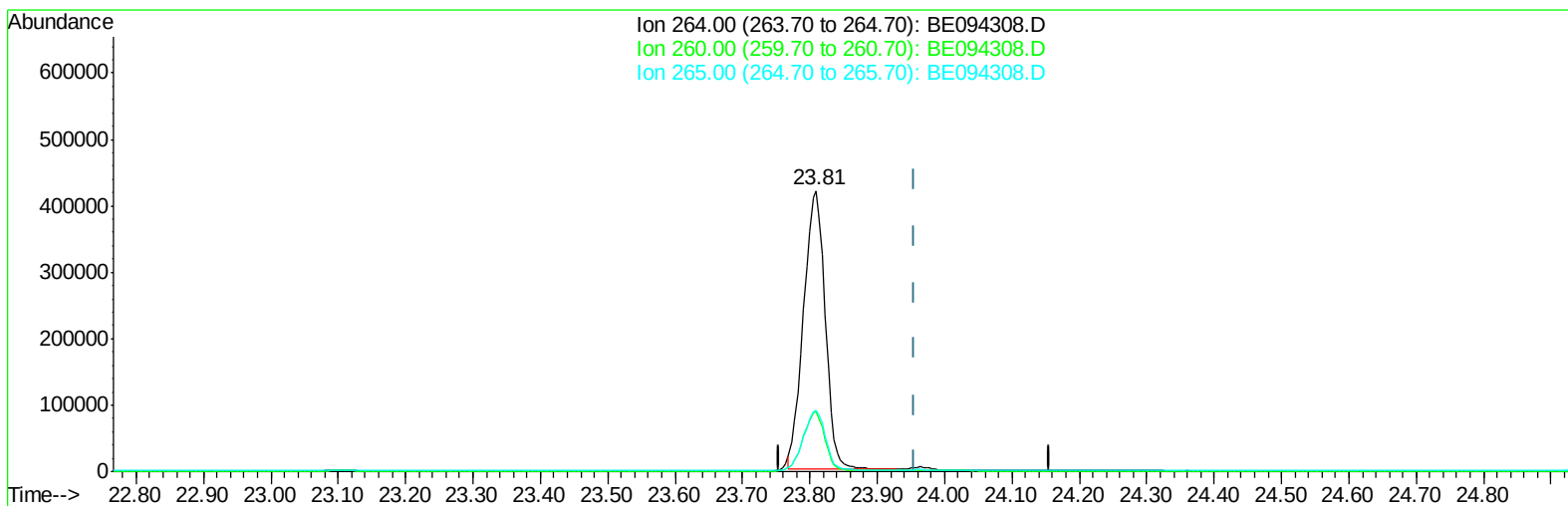
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:18:13 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: BE094308.D

(20) Perylene-d12 (I)

23.809min (-0.146) 0.40ng/ul

response 939375

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.36#
265.00	103.50	22.00#
0.00	0.00	0.00

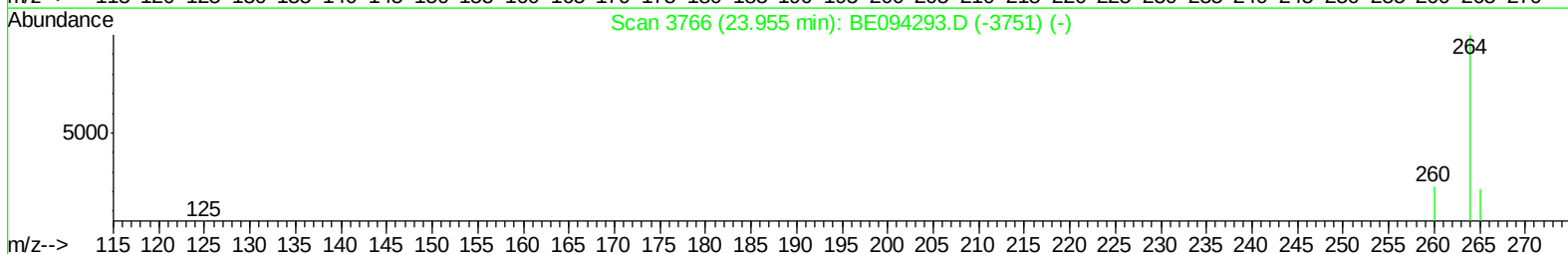
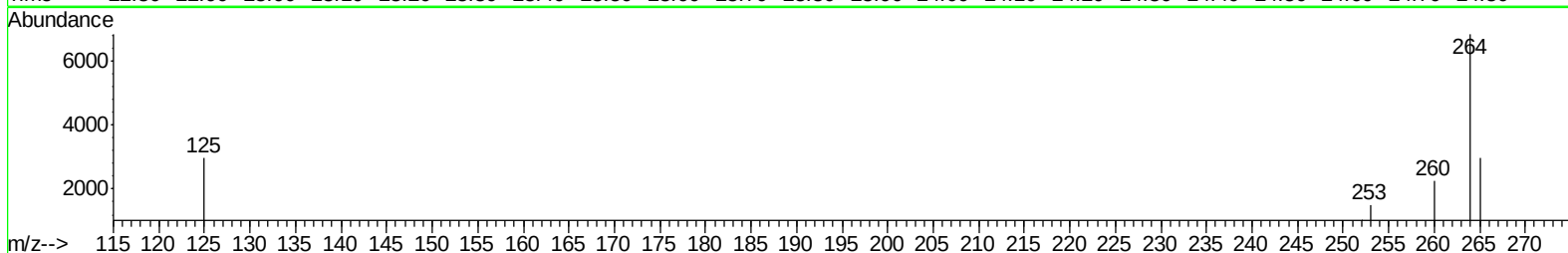
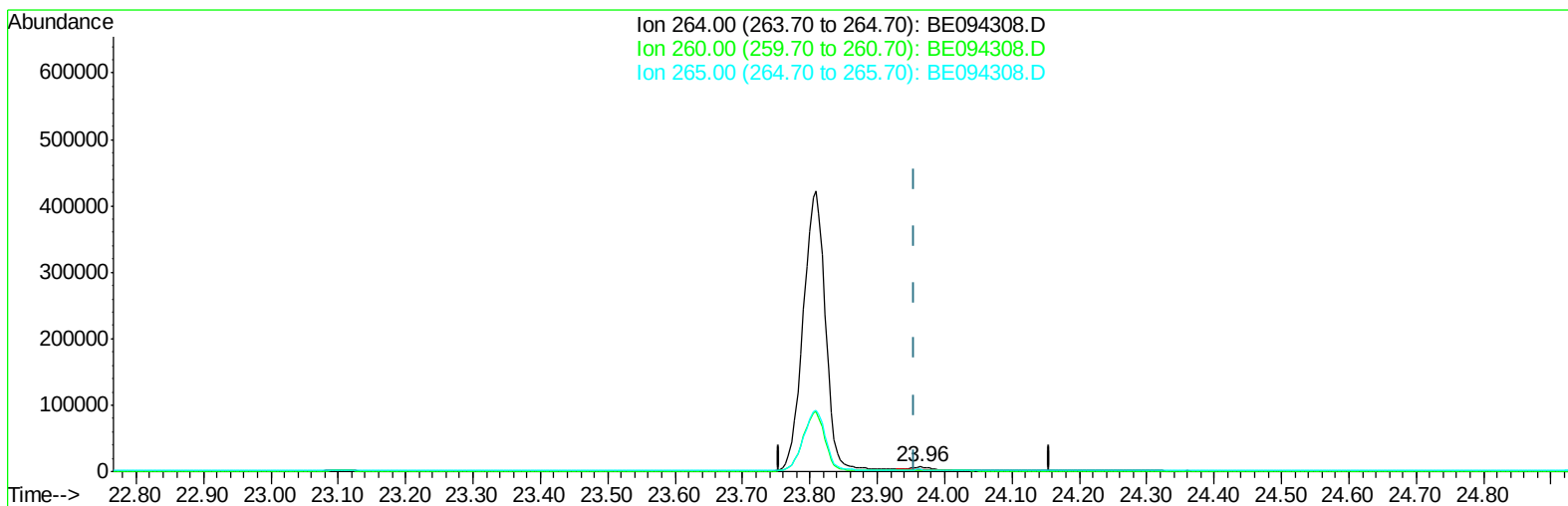
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:18:13 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: BE094308.D

(20) Perylene-d12 (I)

23.964min (+0.009) 0.40ng/ul m

response 8599

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.91
265.00	103.50	43.67#
0.00	0.00	0.00

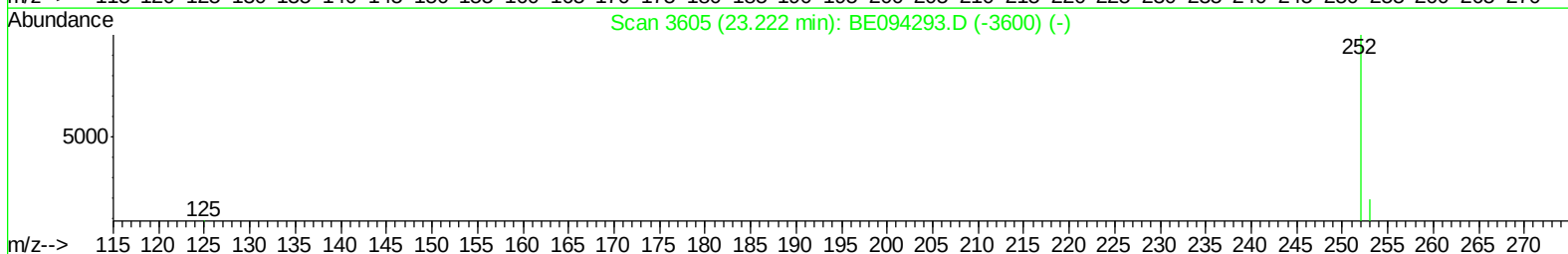
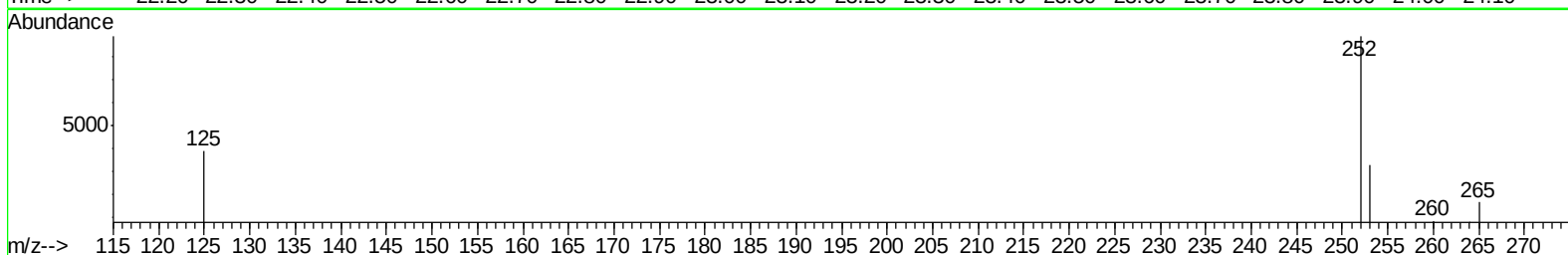
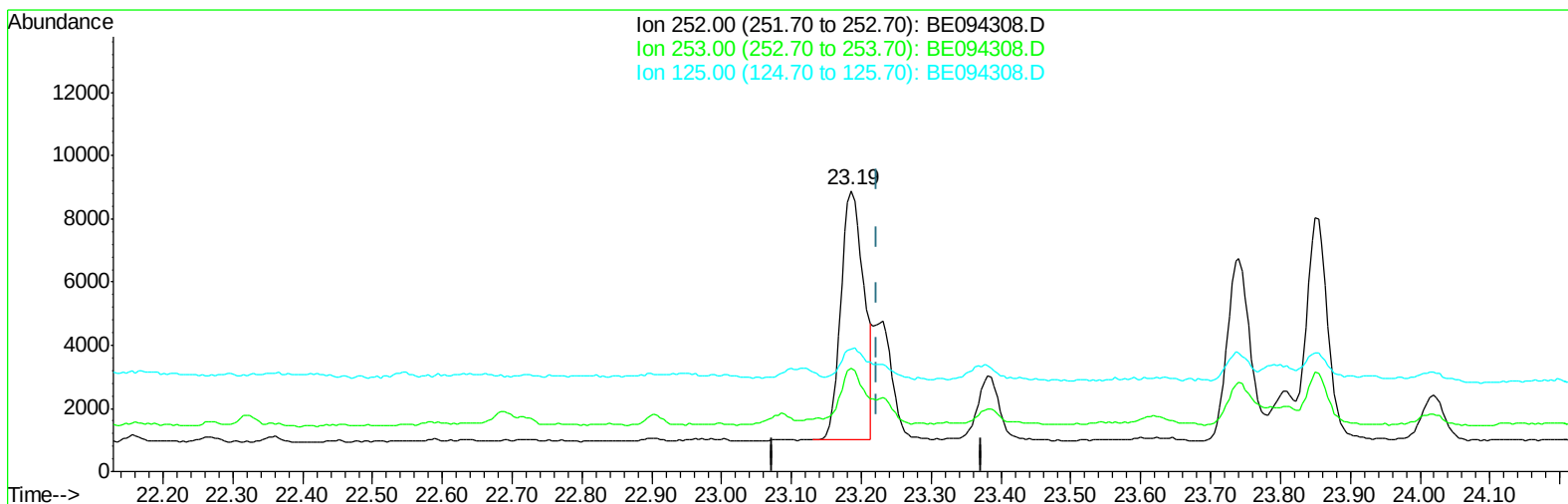
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:19:22 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: BE094308.D

(22) Benzo(k)fluoranthene
23.185min (-0.037) 0.68ng/ul
response 18227

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	36.80#
125.00	17.10	43.73#
0.00	0.00	0.00

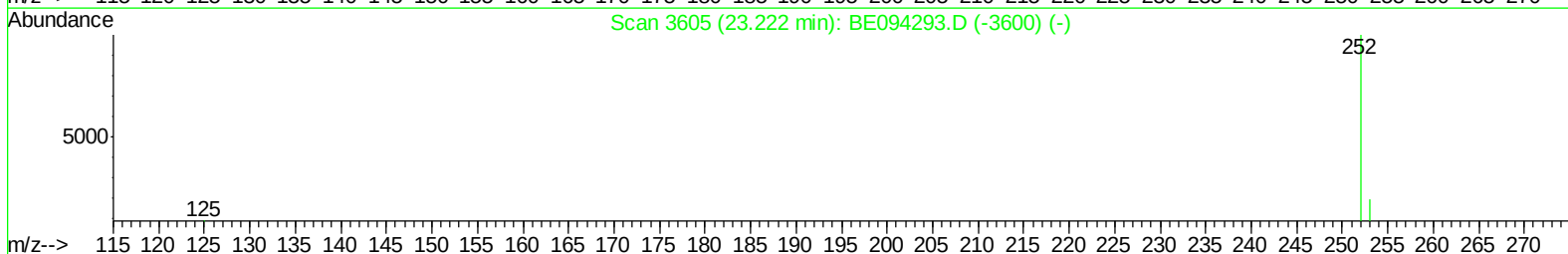
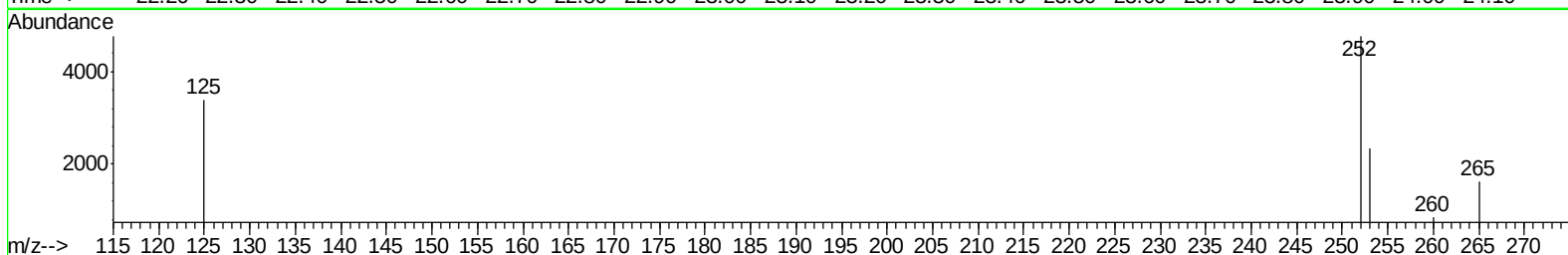
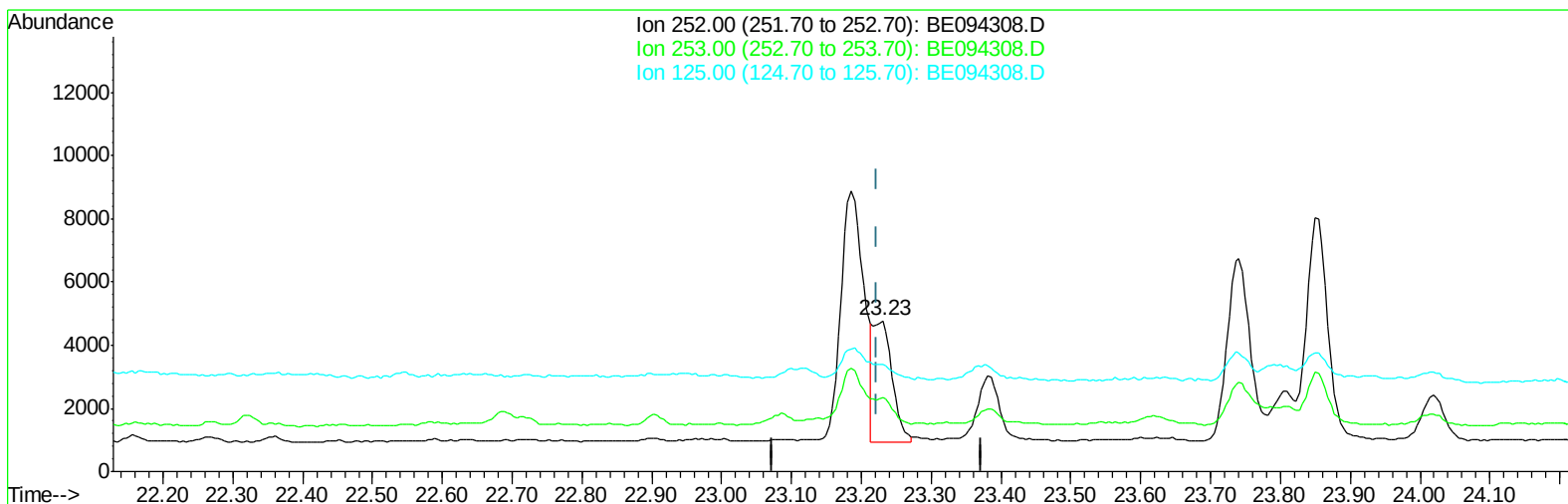
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:19:22 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: BE094308.D

(22) Benzo(k)fluoranthene

23.231min (+0.009) 0.27ng/ul m

response 7414

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	49.01#
125.00	17.10	71.36#
0.00	0.00	0.00

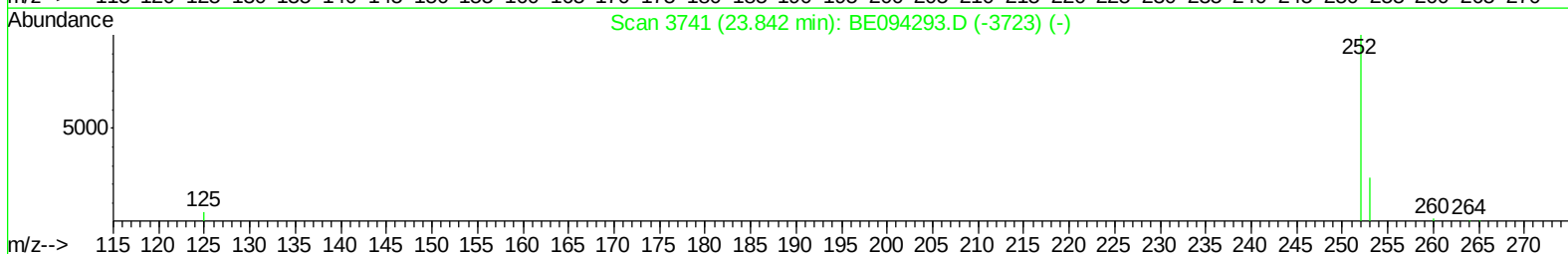
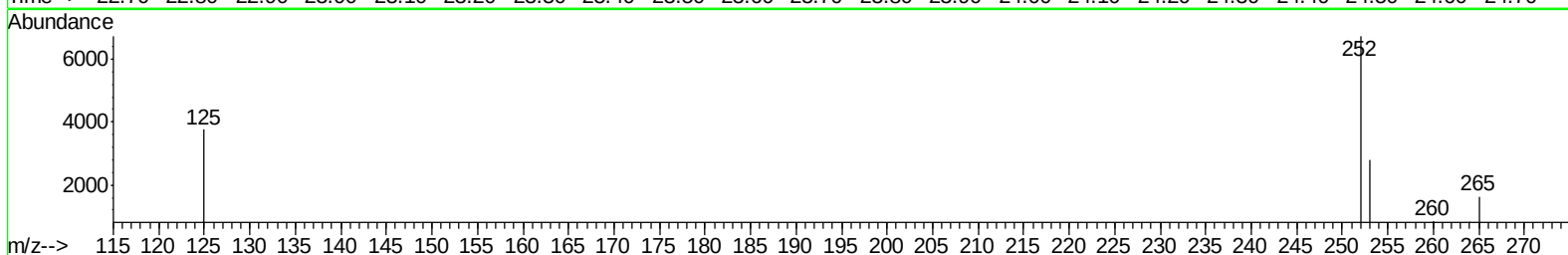
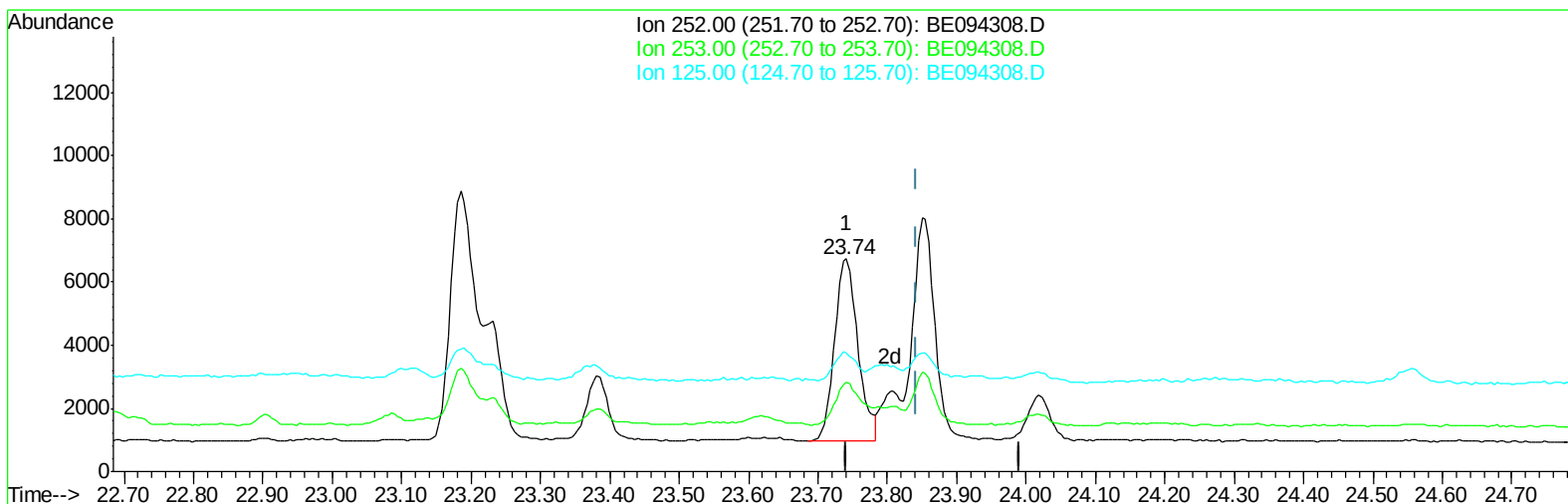
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:19:22 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: BE094308.D

(23) Benzo(a)pyrene (C)

23.741min (-0.101) 0.56ng/ul

response 13476

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	41.81
125.00	22.60	55.84#
0.00	0.00	0.00

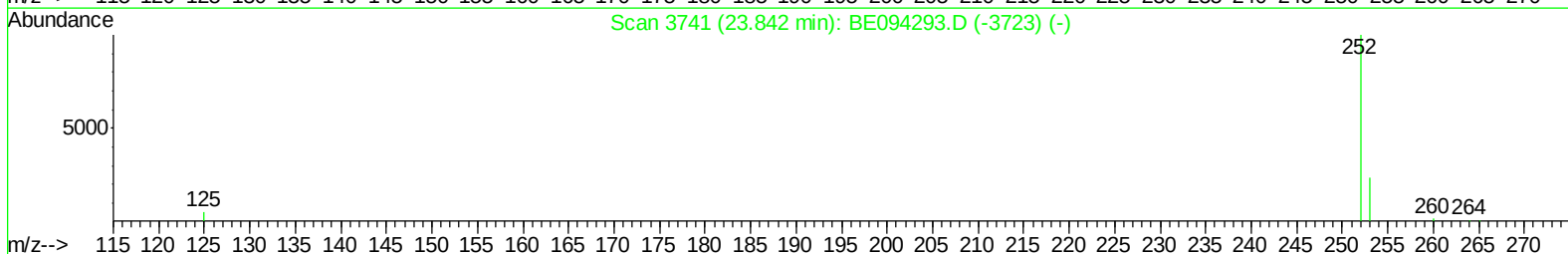
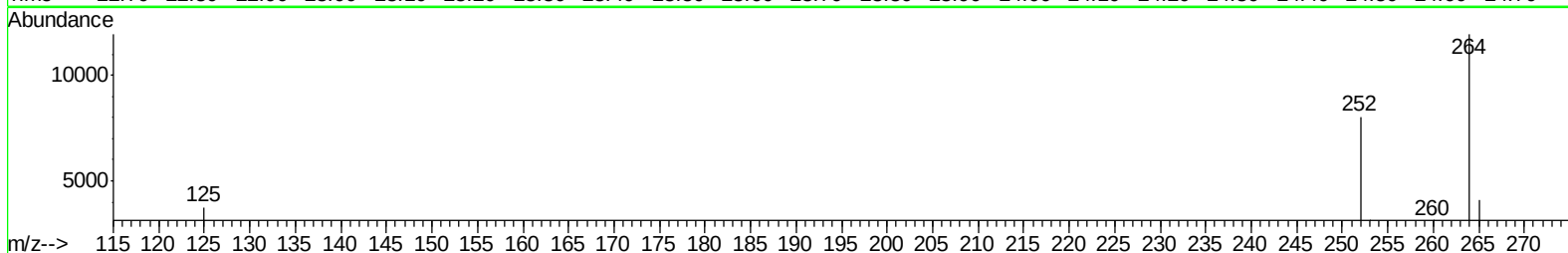
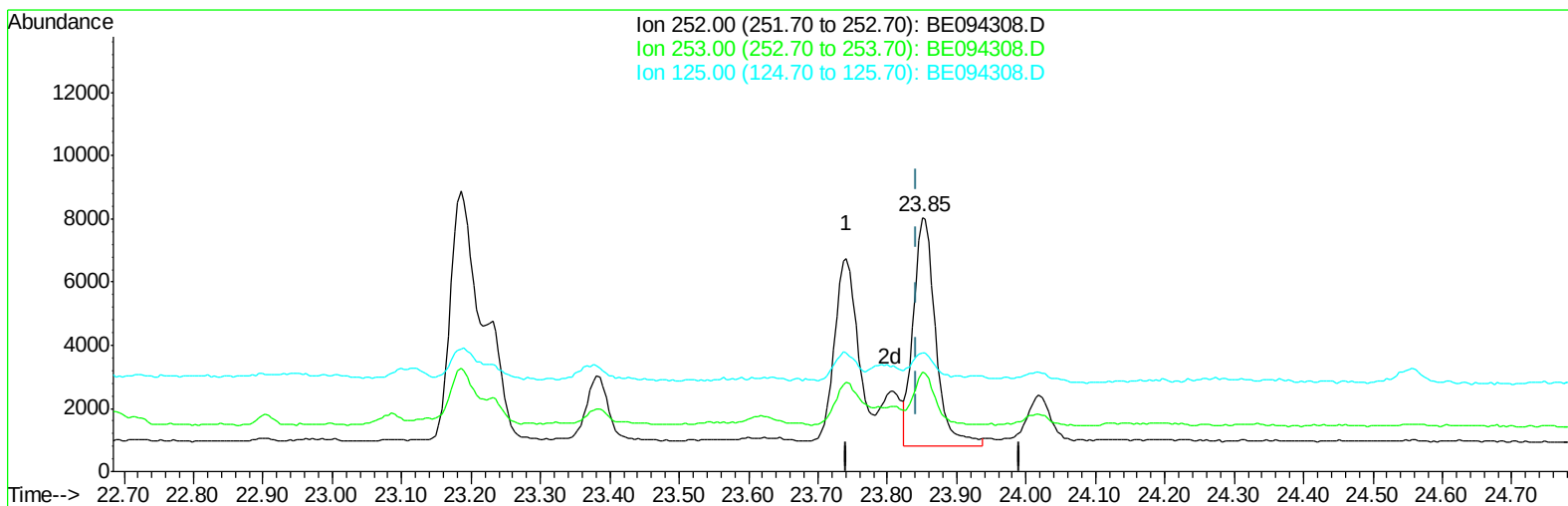
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:19:22 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: BE094308.D

(23) Benzo(a)pyrene (C)

23.850min (+0.009) 0.66ng/ul m

response 16082

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.09
125.00	22.60	46.70#
0.00	0.00	0.00

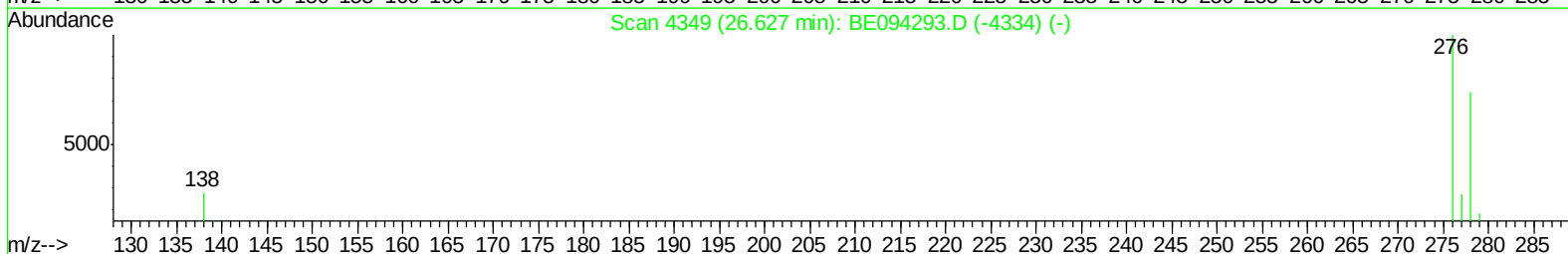
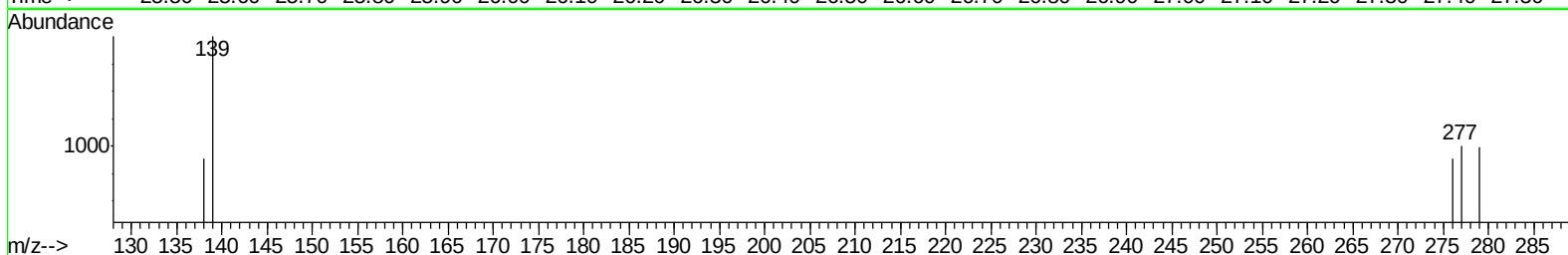
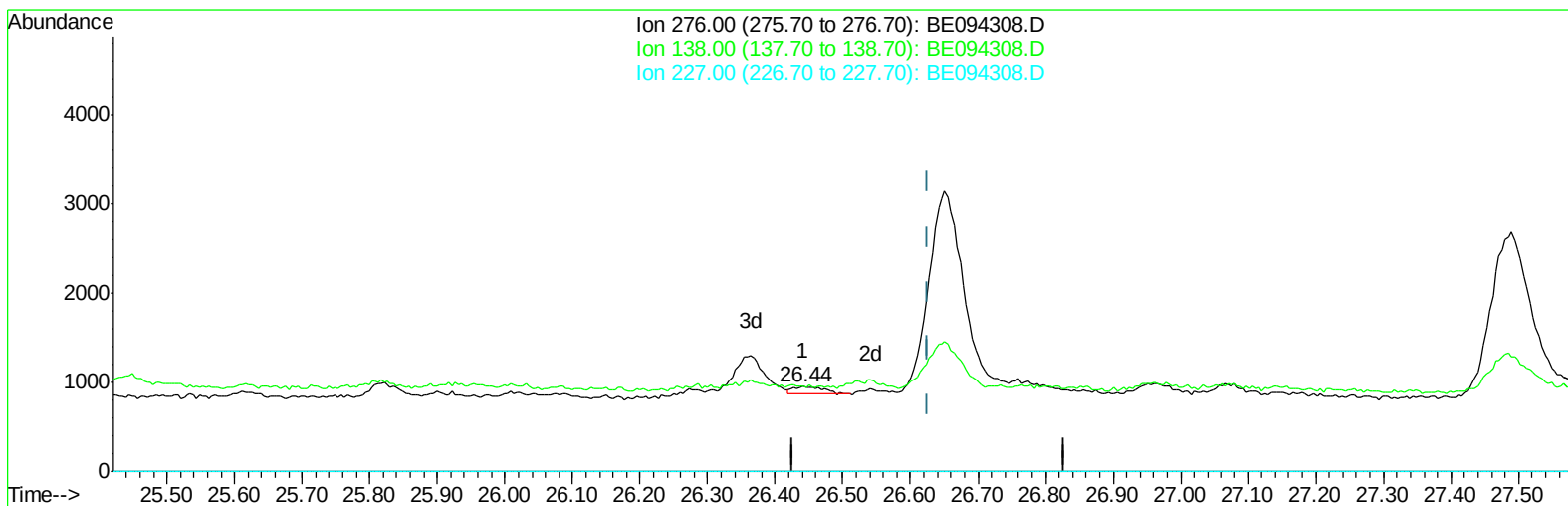
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:19:22 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: BE094308.D

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

26.441min (-0.186) 0.01ng/ul

response 260

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	21.54#
227.00	10.00	0.00#
0.00	0.00	0.00

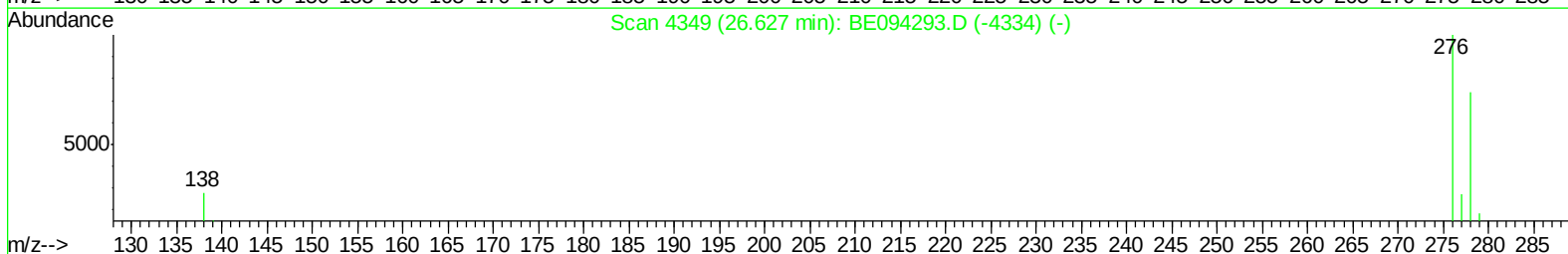
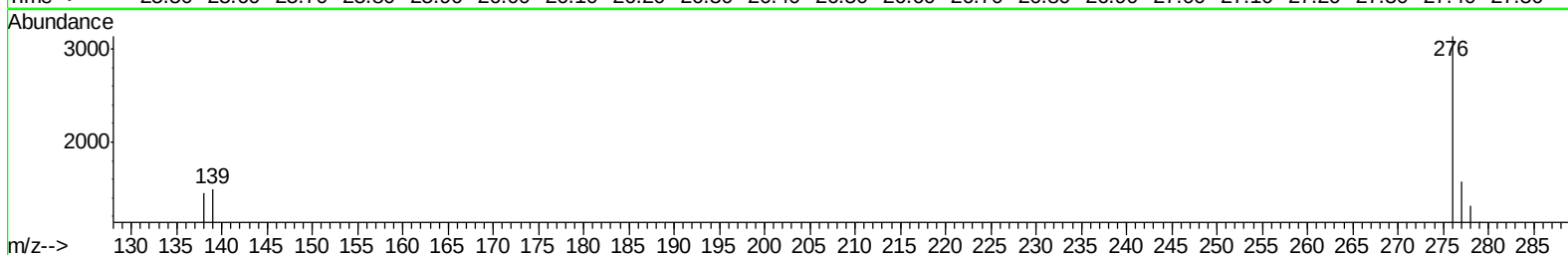
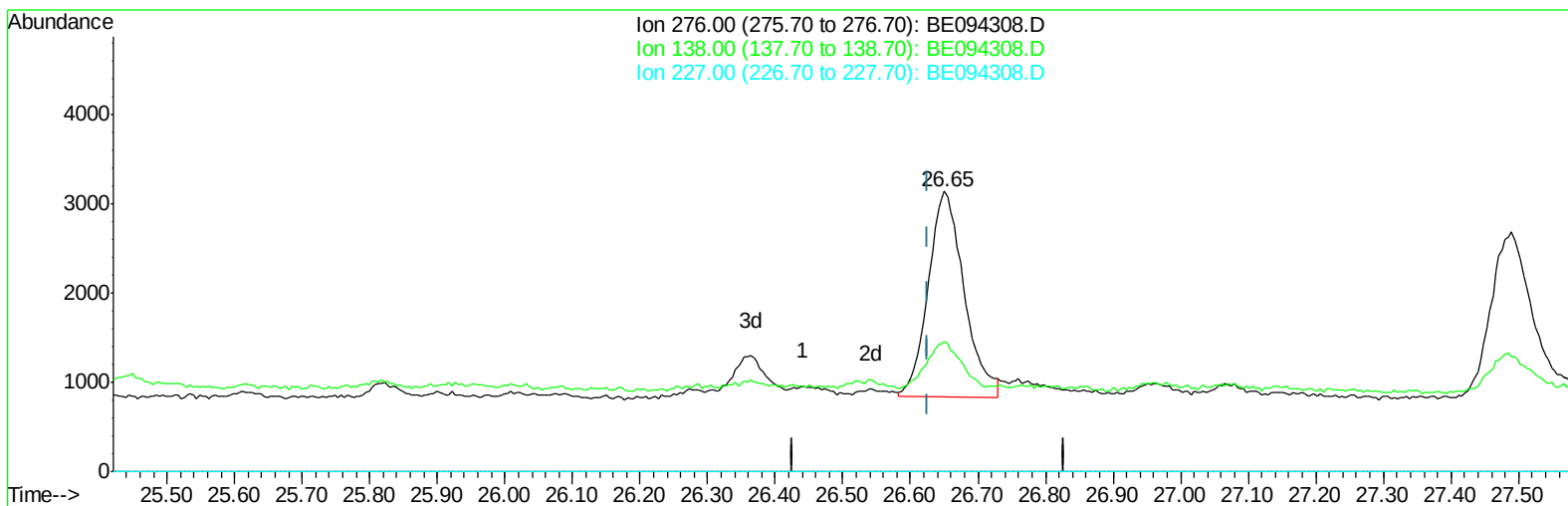
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:19:22 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: BE094308.D

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

26.651min (+0.024) 0.34ng/ul m

response 8469

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

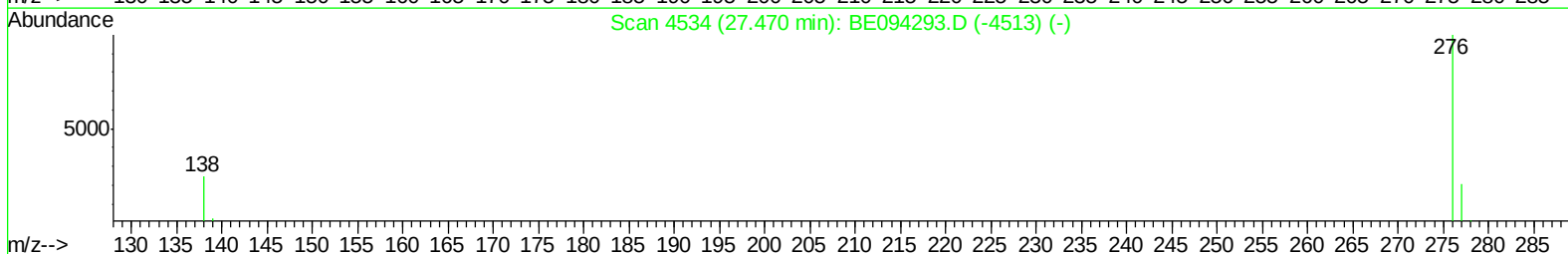
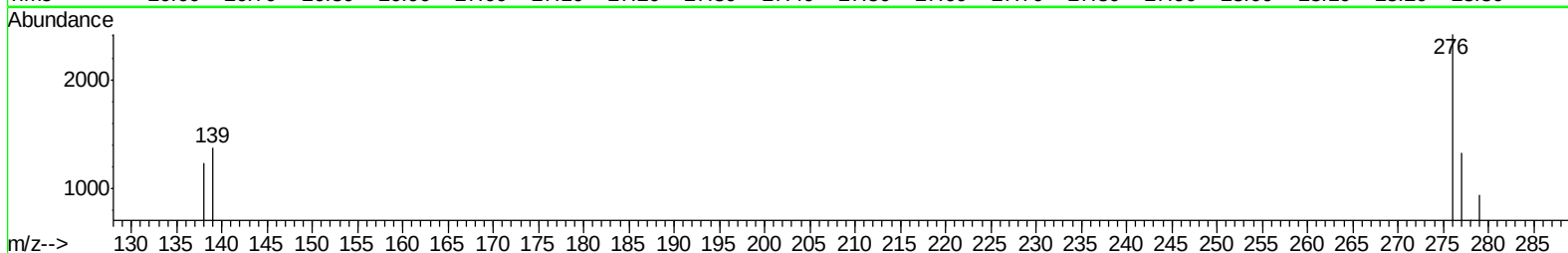
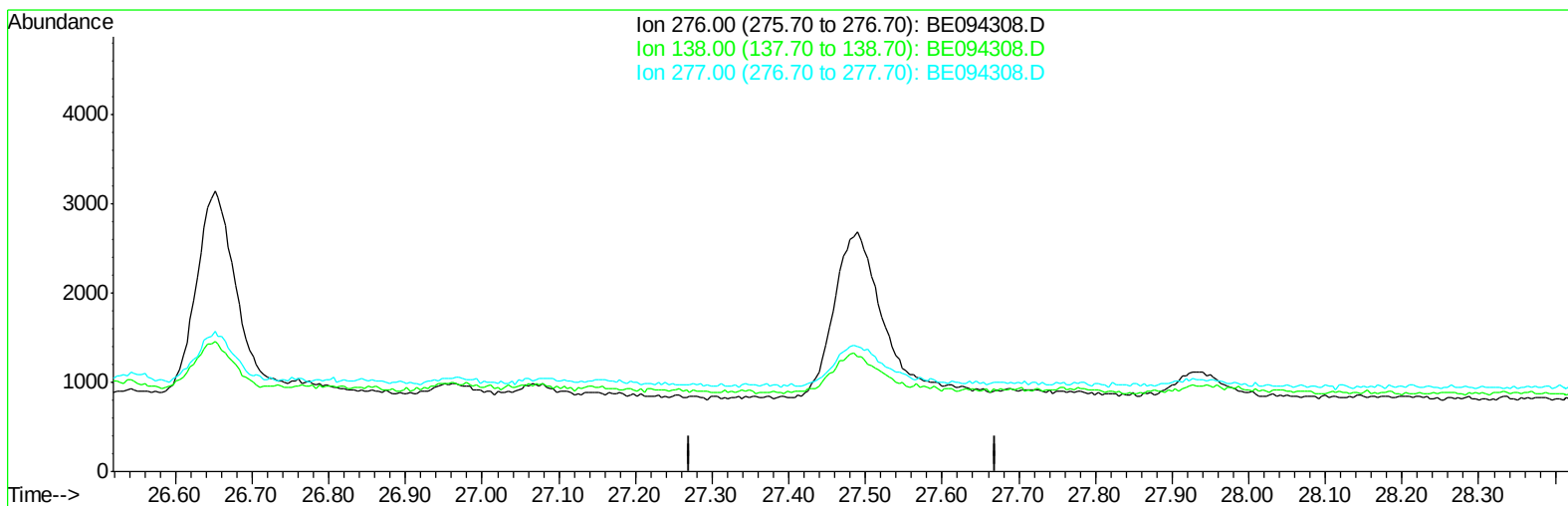
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:19:22 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: BE094308.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

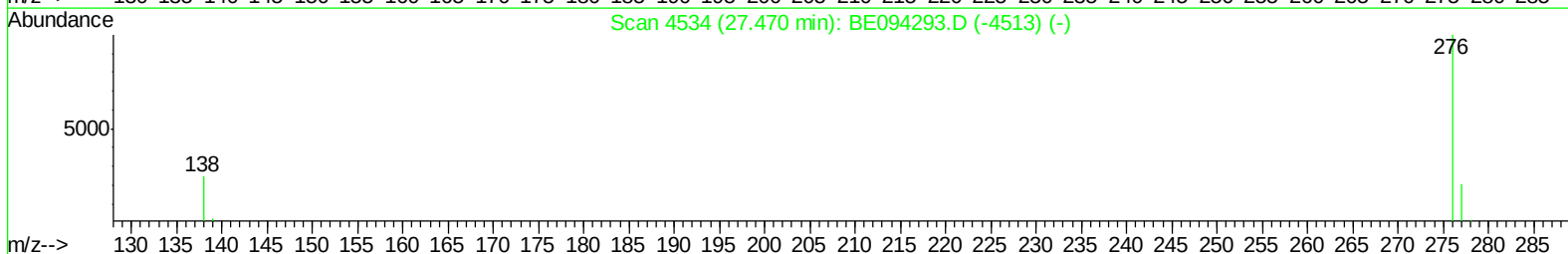
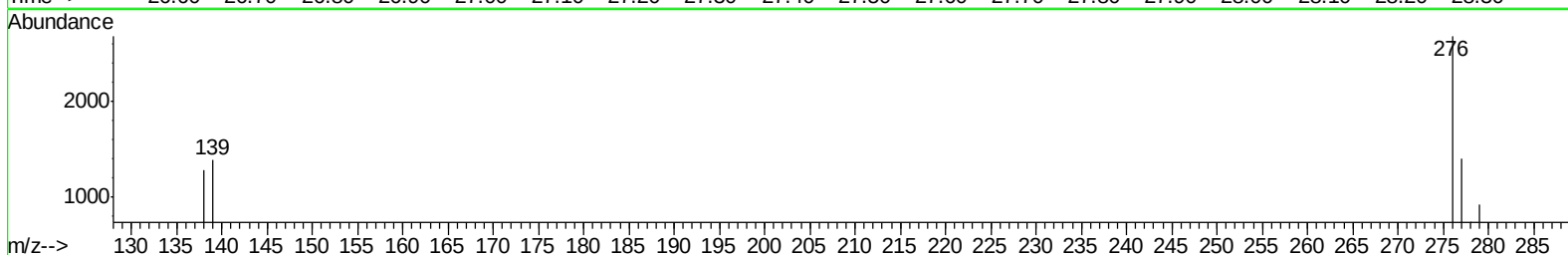
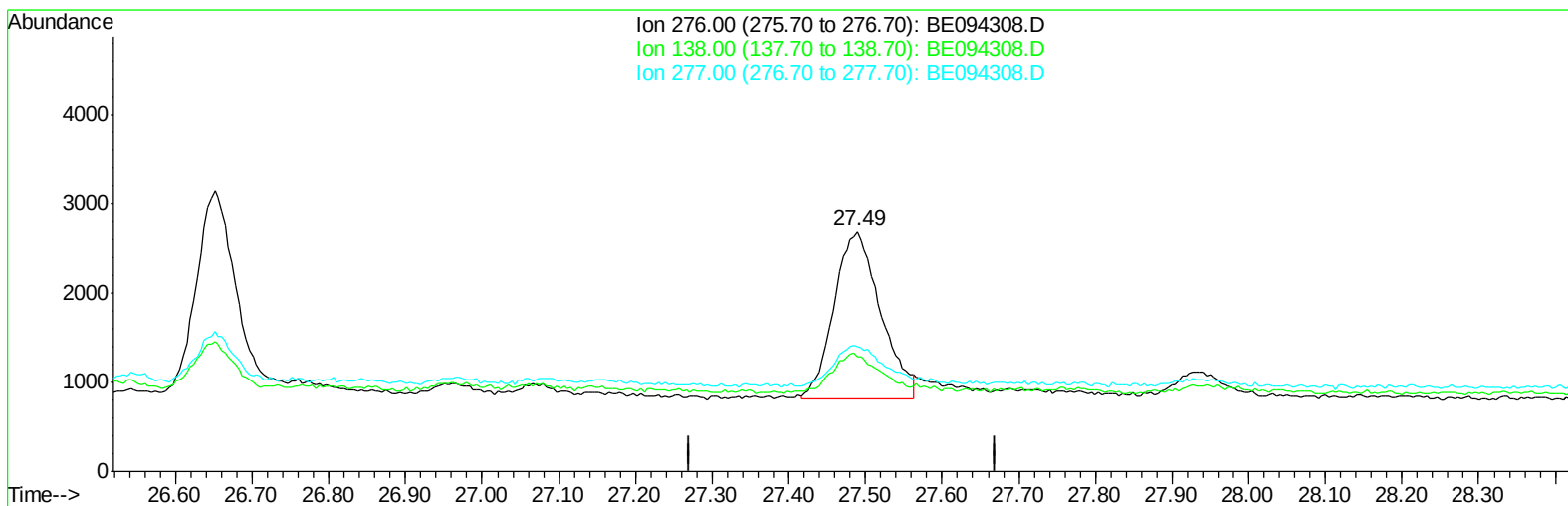
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:19:22 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: BE094308.D

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

27.489min (+0.019) 0.37ng/ul m

response 7831

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	47.90#
277.00	25.60	52.14#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
 Data File : BE094308.D
 Acq On : 12 Oct 2017 8:47
 Operator : SJ/JU
 Sample : I5649-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-39(5-7)-100317

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:20:58 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	3616	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5742	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	11536m	0.40	ng/ul	0.02
16) Chrysene-d12	21.43	240	10562	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8599m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6648	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	13706	0.36	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	20404	0.757	ng/ul#	63
5) 2-Methylnaphthalene	12.36	142	1002	0.057	ng/ul	98
7) Acenaphthylene	14.26	152	2158	0.096	ng/ul#	45
8) Acenaphthene	14.60	153	4258	0.231	ng/ul	97
9) Fluorene	15.58	166	3813	0.177	ng/ul	92
12) Phenanthrene	17.31	178	18513	0.614	ng/ul	95
13) Anthracene	17.40	178	6435m	0.219	ng/ul	
15) Fluoranthene	19.32	202	32376	0.817	ng/ul	84
17) Pyrene	19.69	202	37650	1.281	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	16352	0.584	ng/ul#	83
19) Chrysene	21.47	228	15890	0.491	ng/ul#	78
21) Benzo(b)fluoranthene	23.19	252	18227	0.780	ng/ul#	73
22) Benzo(k)fluoranthene	23.23	252	7414m	0.275	ng/ul	
23) Benzo(a)pyrene	23.85	252	16082m	0.663	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.65	276	8469m	0.341	ng/ul	
26) Benzo(g,h,i)perylene	27.49	276	7831m	0.366	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
Operator : SJ/JU
Sample : I5649-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM

Quant Time: Oct 12 20:20:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration

