

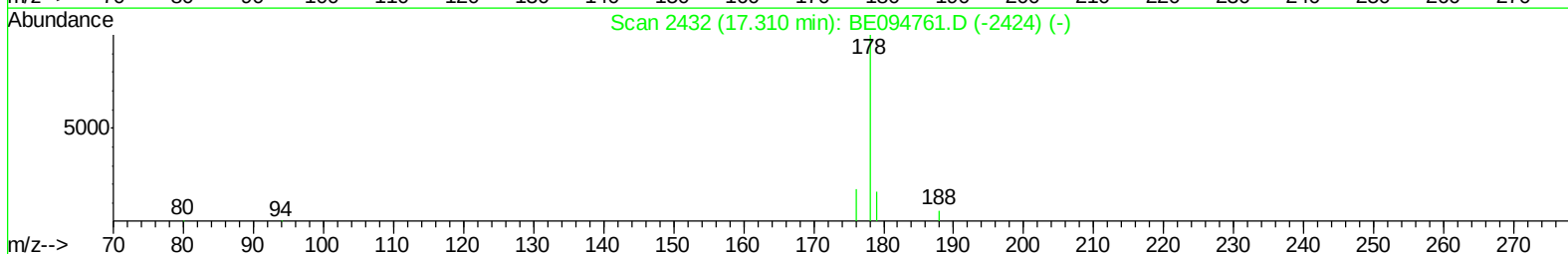
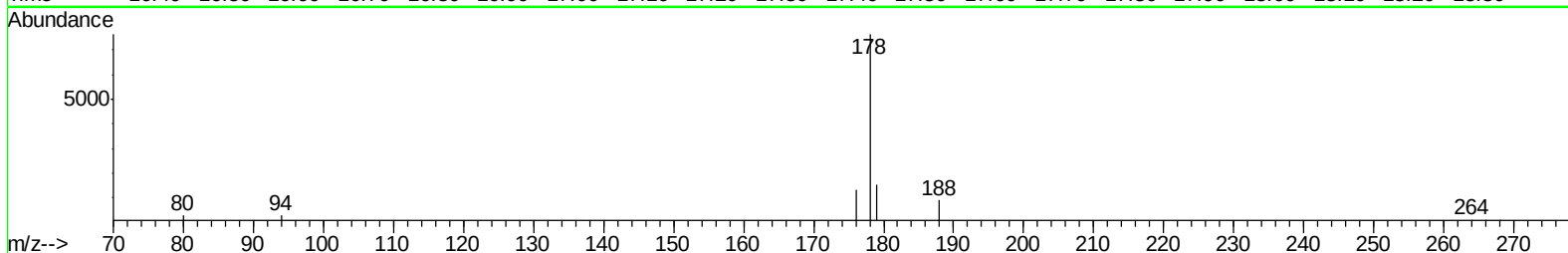
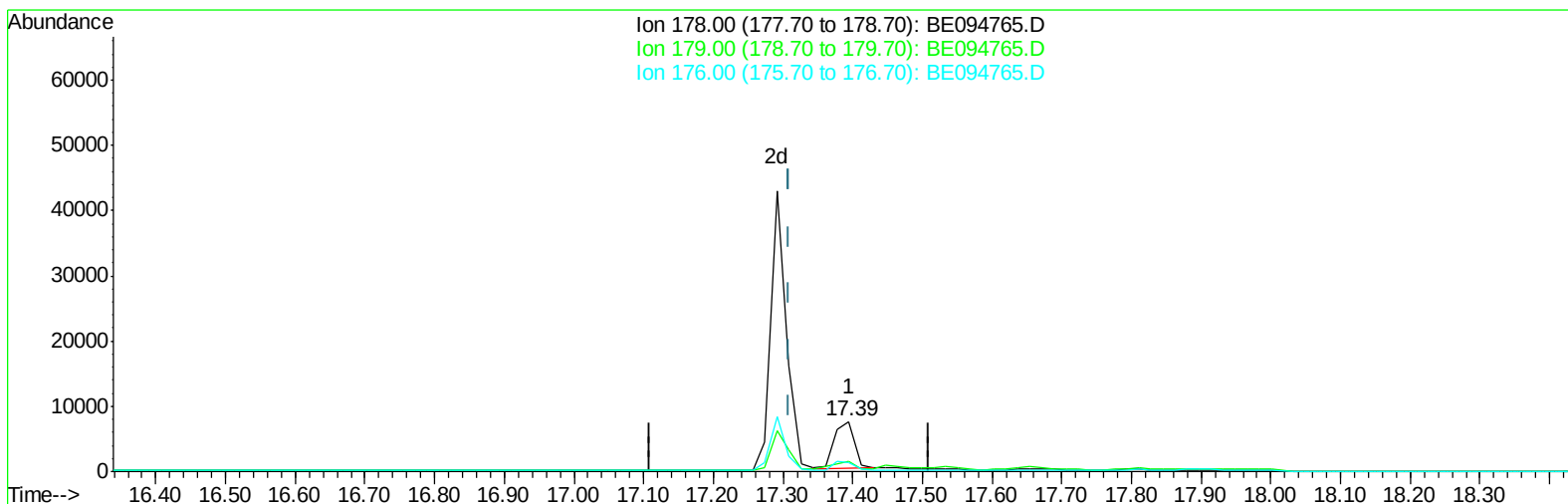
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094765.D
Acq On : 6 Nov 2017 22:14
Operator : SJ/JU
Sample : I6096-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-52(1-3)-102317

Manual Integrations
APPROVED

Sohil
11/7/2017 5:42:00 PM

Quant Time: Nov 07 01:31:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 01:23:46 2017
Response via : Initial Calibration



TIC: BE094765.D

(12) Phenanthrene

17.395min (+0.085) 0.53ng/ul

response 14438

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	20.10
176.00	17.00	17.20
0.00	0.00	0.00

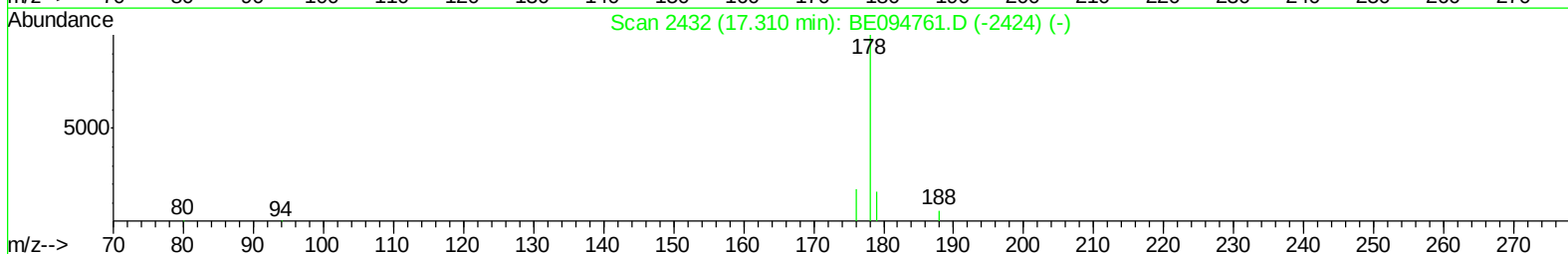
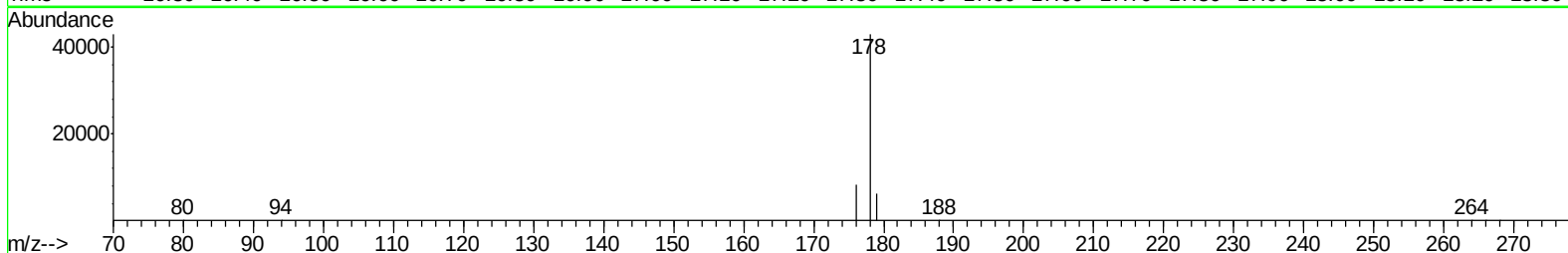
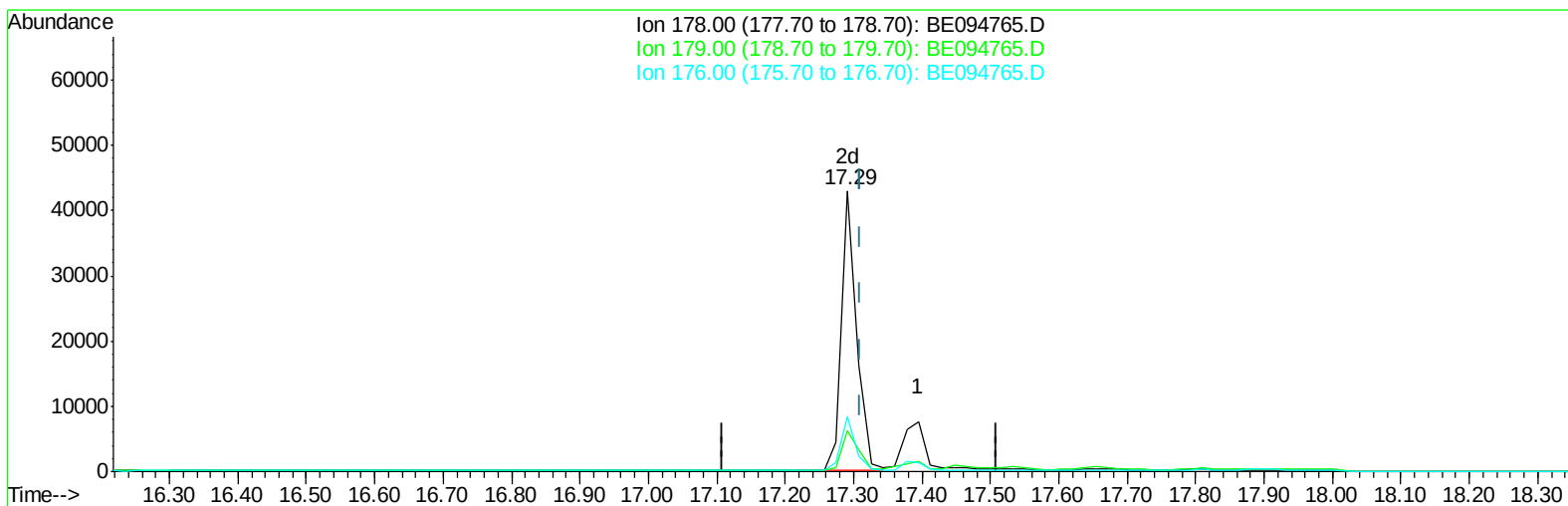
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094765.D
Acq On : 6 Nov 2017 22:14
Operator : SJ/JU
Sample : I6096-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-52(1-3)-102317

Manual Integrations
APPROVED

Sohil
11/7/2017 5:42:00 PM

Quant Time: Nov 07 01:31:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 01:23:46 2017
Response via : Initial Calibration



TIC: BE094765.D

(12) Phenanthrene

17.291min (-0.019) 2.45ng/ul m

response 67174

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	14.68#
176.00	17.00	19.58
0.00	0.00	0.00

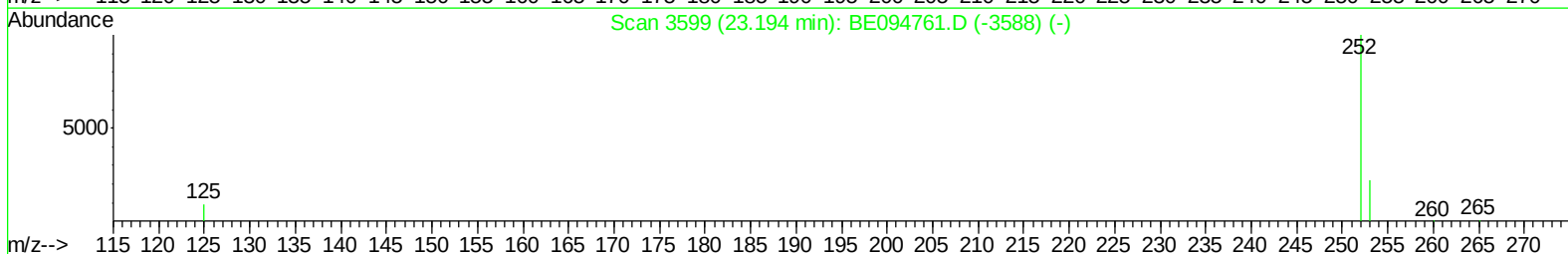
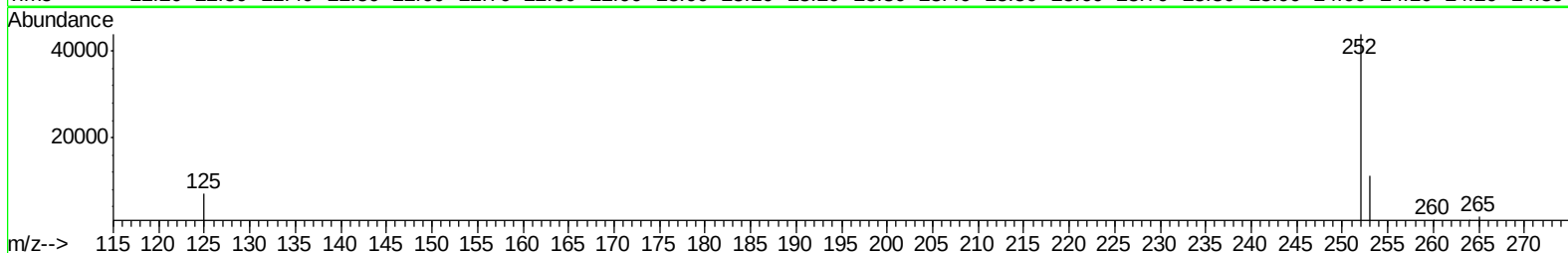
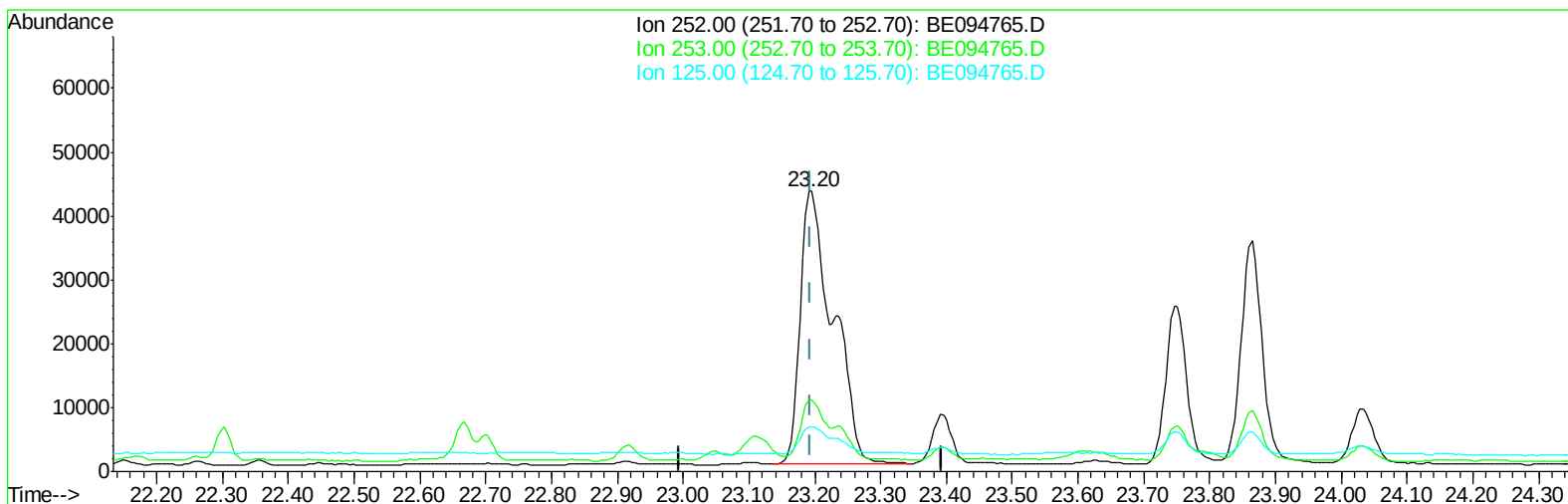
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094765.D
Acq On : 6 Nov 2017 22:14
Operator : SJ/JU
Sample : I6096-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-52(1-3)-102317

Manual Integrations
APPROVED

Sohil
11/7/2017 5:42:00 PM

Quant Time: Nov 07 01:31:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 01:23:46 2017
Response via : Initial Calibration



TIC: BE094765.D

(21) Benzo(b)fluoranthene

23.195min (+0.001) 4.69ng/ul

response 148912

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.61
125.00	17.50	15.97
0.00	0.00	0.00

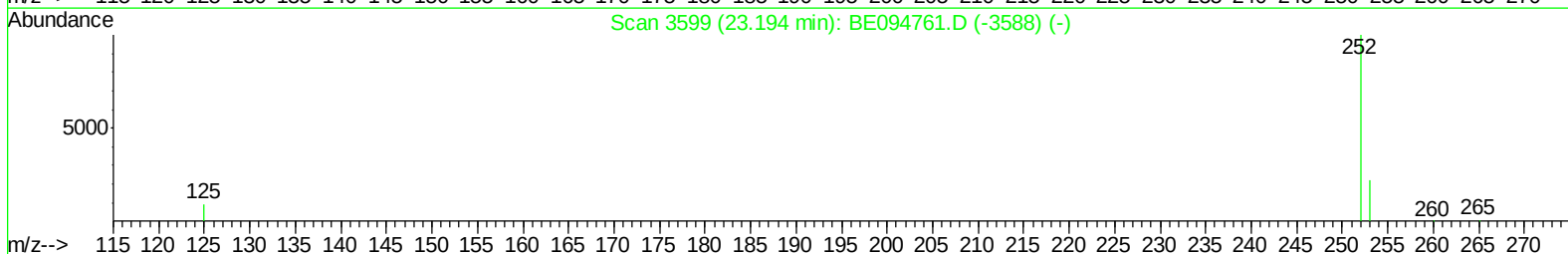
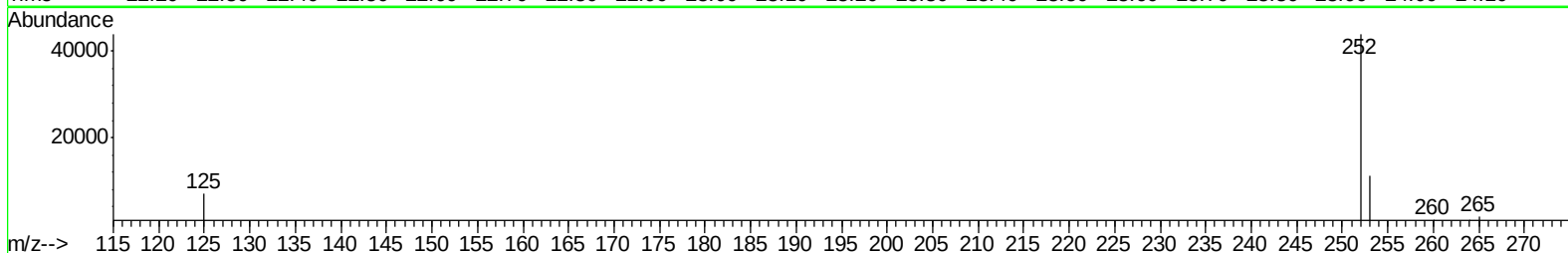
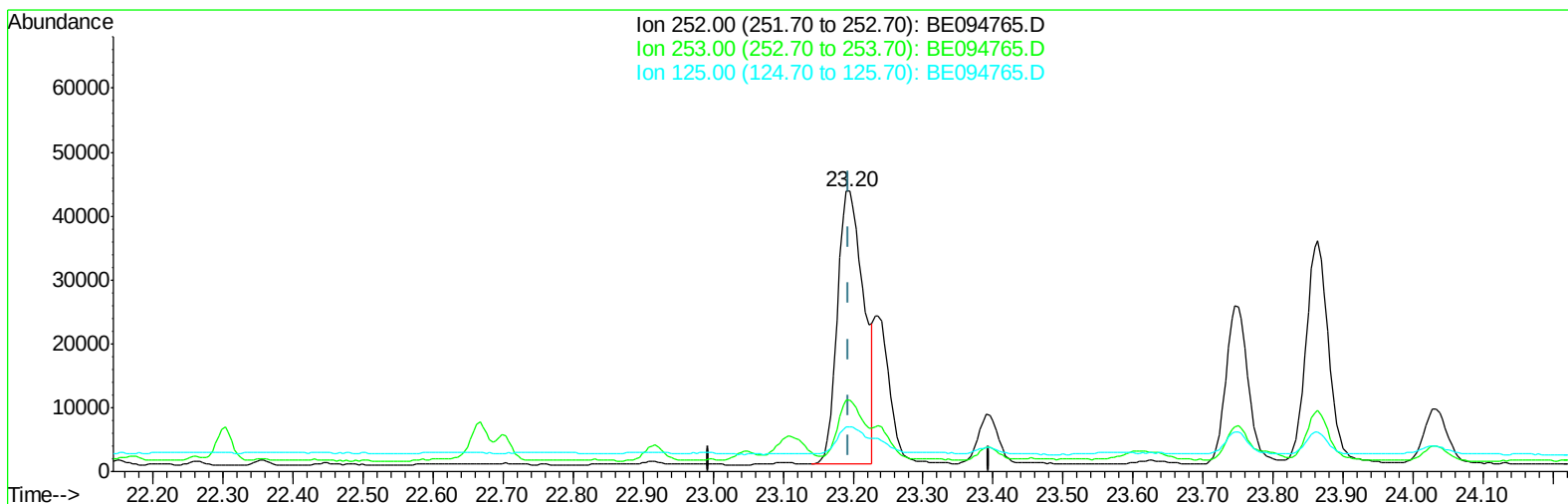
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094765.D
Acq On : 6 Nov 2017 22:14
Operator : SJ/JU
Sample : I6096-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-52(1-3)-102317

Manual Integrations
APPROVED

Sohil
11/7/2017 5:42:00 PM

Quant Time: Nov 07 01:31:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 01:23:46 2017
Response via : Initial Calibration



TIC: BE094765.D

(21) Benzo(b)fluoranthene

23.195min (+0.001) 3.54ng/ul m

response 112429

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.61
125.00	17.50	15.97
0.00	0.00	0.00

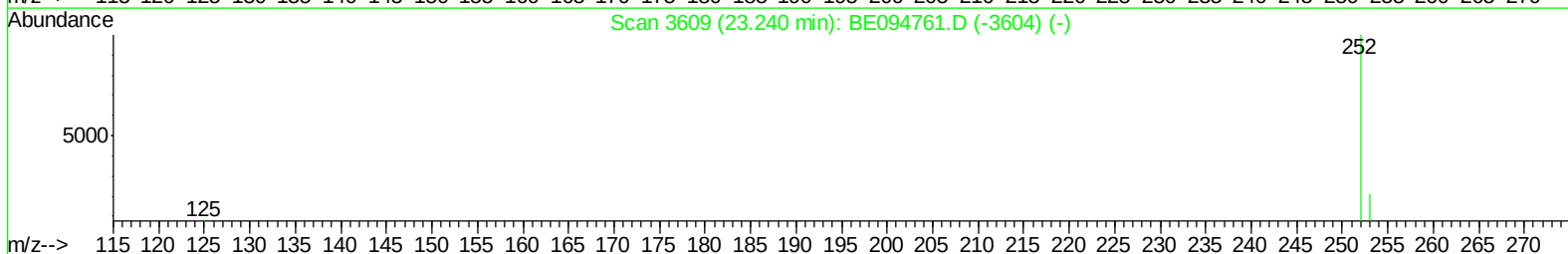
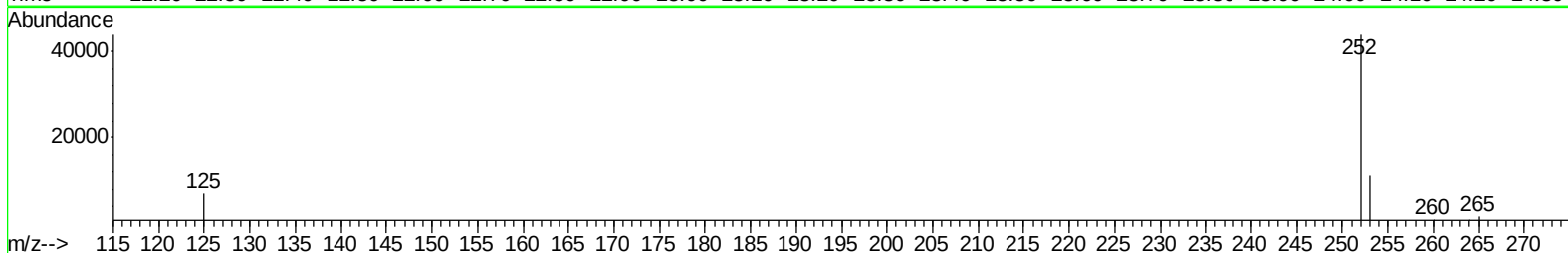
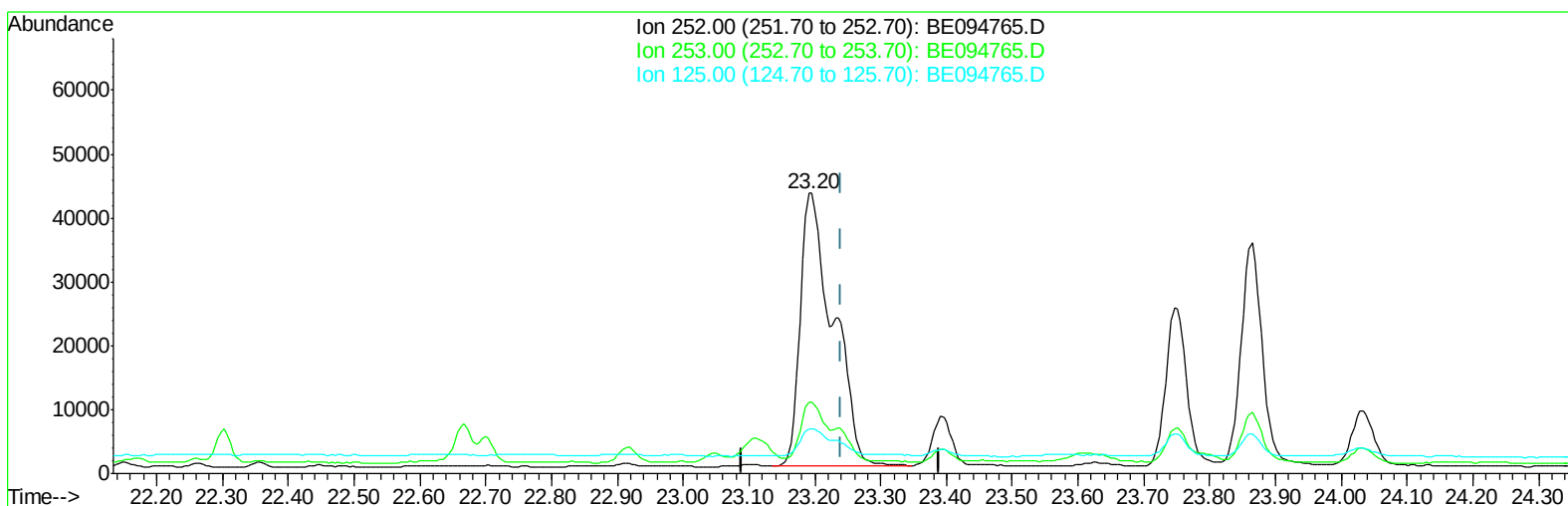
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094765.D
Acq On : 6 Nov 2017 22:14
Operator : SJ/JU
Sample : I6096-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-52(1-3)-102317

Manual Integrations
APPROVED

Sohil
11/7/2017 5:42:00 PM

Quant Time: Nov 07 01:31:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 01:23:46 2017
Response via : Initial Calibration



TIC: BE094765.D

(22) Benzo(k)fluoranthene

23.195min (-0.045) 4.38ng/ul

response 148912

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.61
125.00	17.10	15.97
0.00	0.00	0.00

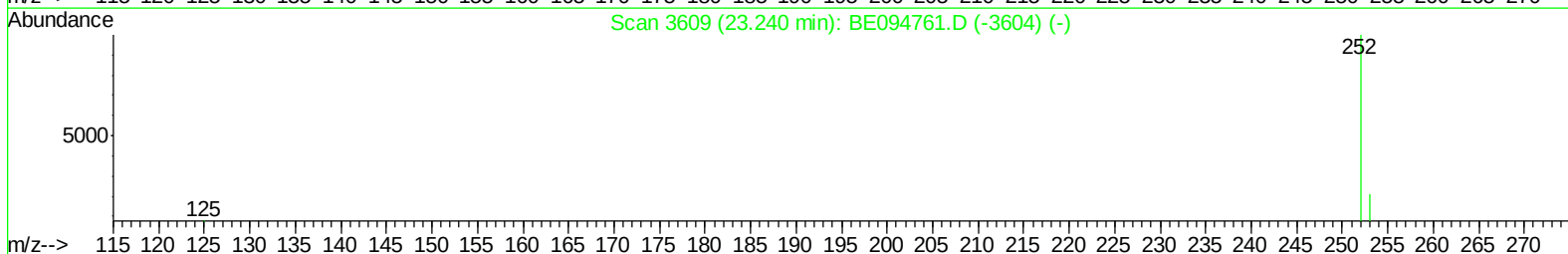
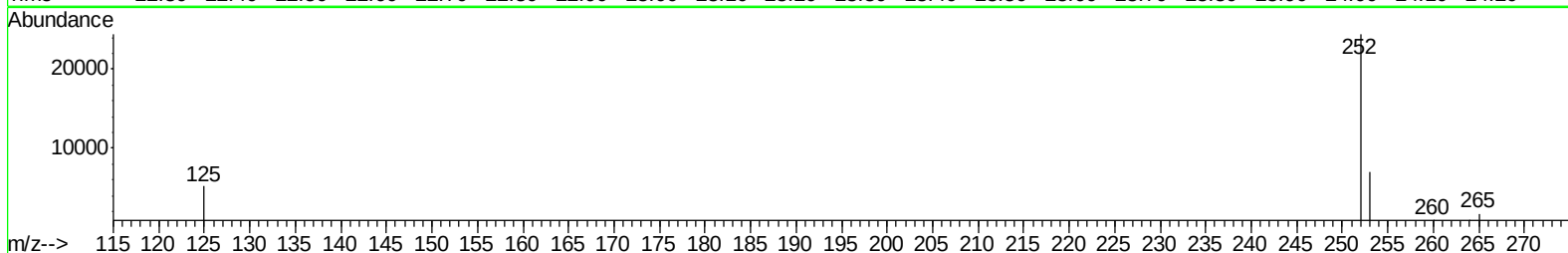
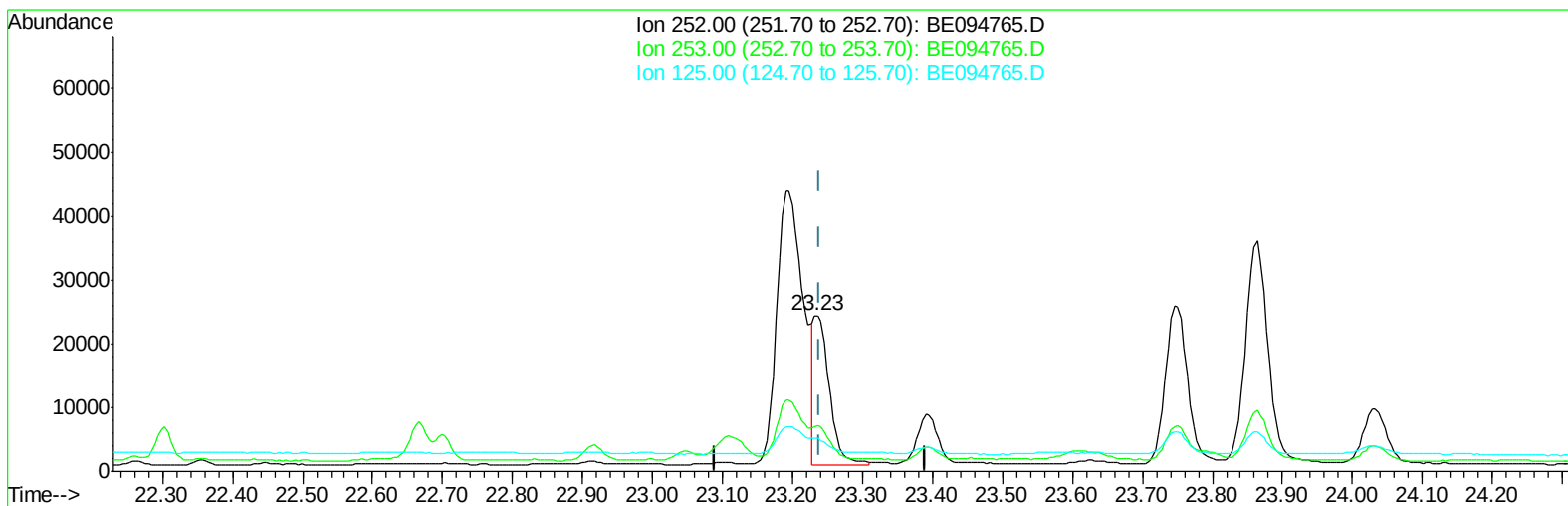
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094765.D
Acq On : 6 Nov 2017 22:14
Operator : SJ/JU
Sample : I6096-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-52(1-3)-102317

Manual Integrations
APPROVED

Sohil
11/7/2017 5:42:00 PM

Quant Time: Nov 07 01:31:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 01:23:46 2017
Response via : Initial Calibration



TIC: BE094765.D

(22) Benzo(k)fluoranthene

23.231min (-0.008) 1.08ng/ul m

response 36697

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.70
125.00	17.10	21.35#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
 Data File : BE094765.D
 Acq On : 6 Nov 2017 22:14
 Operator : SJ/JU
 Sample : I6096-06 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-52(1-3)-102317

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:42:00 PM

Quant Time: Nov 07 01:50:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 01:23:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1426	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8288	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10380	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	10127	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11280	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	523	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1204	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	10236	0.51	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	1891	0.13	ng/ul	97
7) Acenaphthylene	14.24	152	2295	0.11	ng/ul#	94
8) Acenaphthene	14.58	153	2339	0.15	ng/ul	98
9) Fluorene	15.57	166	2787	0.16	ng/ul	95
12) Phenanthrene	17.29	178	67174m	2.45	ng/ul	
13) Anthracene	17.39	178	16042	0.59	ng/ul	96
15) Fluoranthene	19.32	202	147942	4.67	ng/ul	82
17) Pyrene	19.68	202	138081	4.41	ng/ul#	78
18) Benzo(a)anthracene	21.41	228	90600	3.13	ng/ul#	89
19) Chrysene	21.47	228	86939	2.91	ng/ul	96
21) Benzo(b)fluoranthene	23.20	252	112429m	3.54	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	36697m	1.08	ng/ul	
23) Benzo(a)pyrene	23.86	252	77624	2.45	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.70	276	42708	1.30	ng/ul#	72
25) Dibenzo(a,h)anthracene	26.68	278	10471	0.38	ng/ul#	61
26) Benzo(a,h,i)perylene	27.54	276	33061	1.25	ng/ul#	89

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094765.D
Acq On : 6 Nov 2017 22:14
Operator : SJ/JU
Sample : I6096-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-52(1-3)-102317

Manual Integrations
APPROVED

Sohil
11/7/2017 5:42:00 PM

Quant Time: Nov 07 01:50:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 01:23:46 2017
Response via : Initial Calibration

