

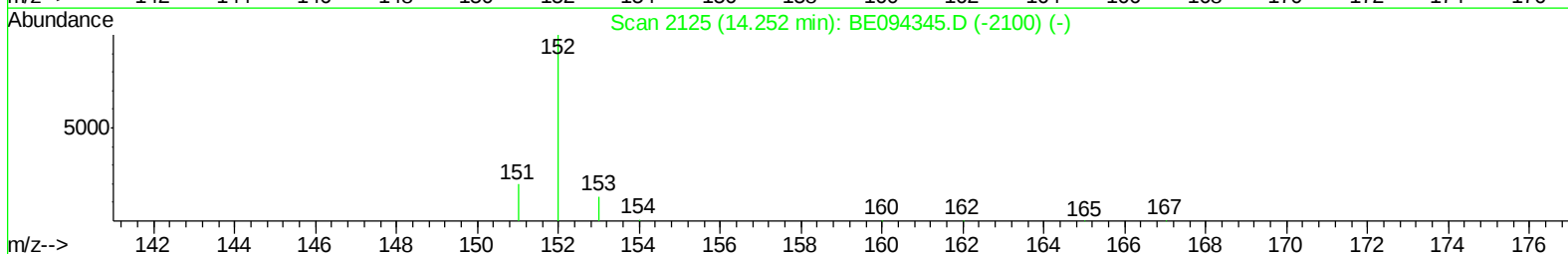
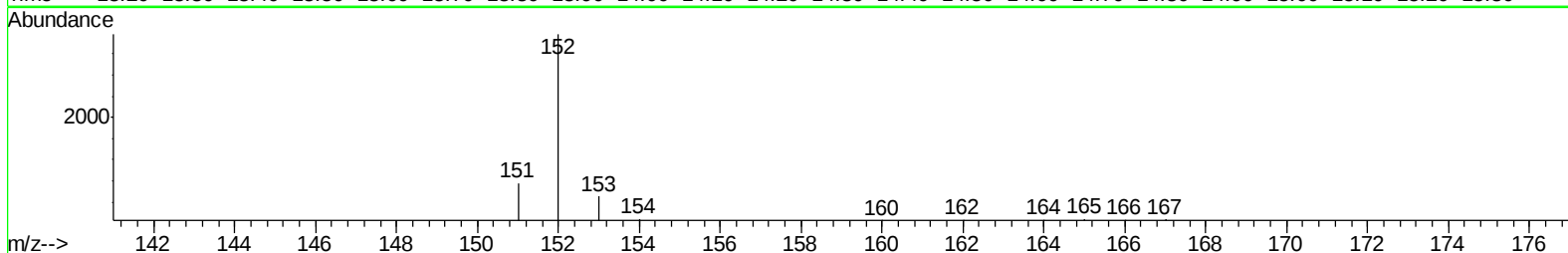
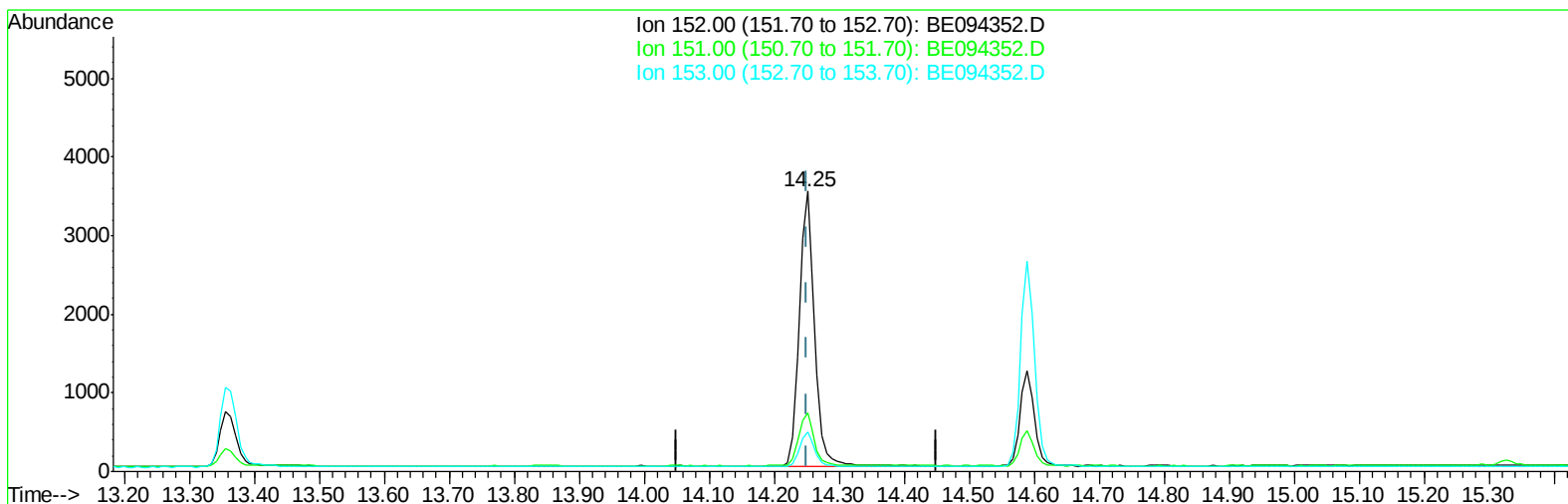
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094352.D
Acq On : 14 Oct 2017 9:55
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.436

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:31 PM

Quant Time: Oct 15 04:31:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration



TIC: BE094352.D

(7) Acenaphthylene

14.251min (-0.000) 0.51ng/ul

response 5812

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	21.13
153.00	16.00	14.21
0.00	0.00	0.00

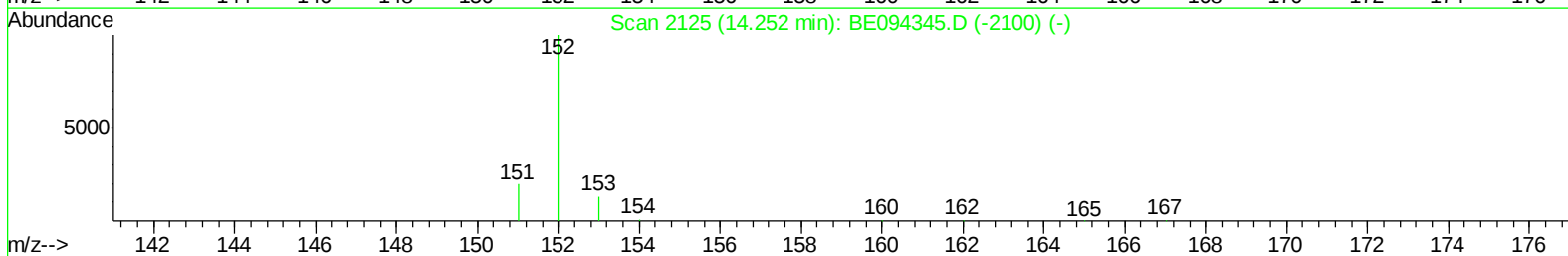
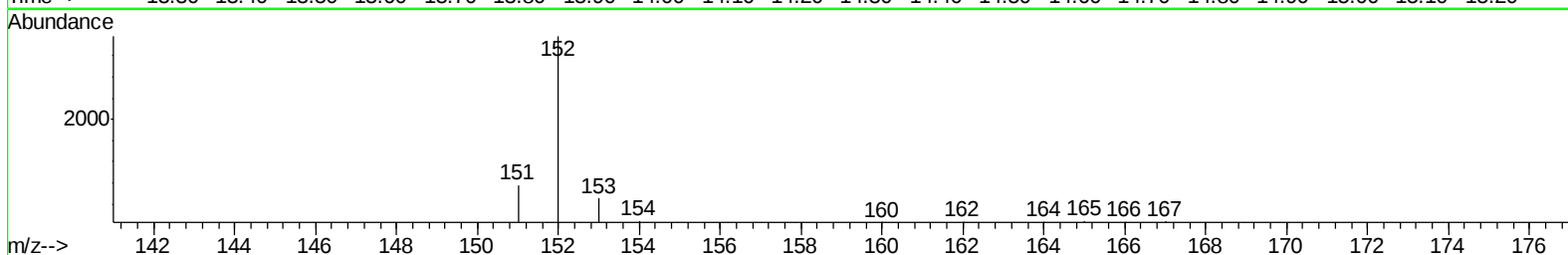
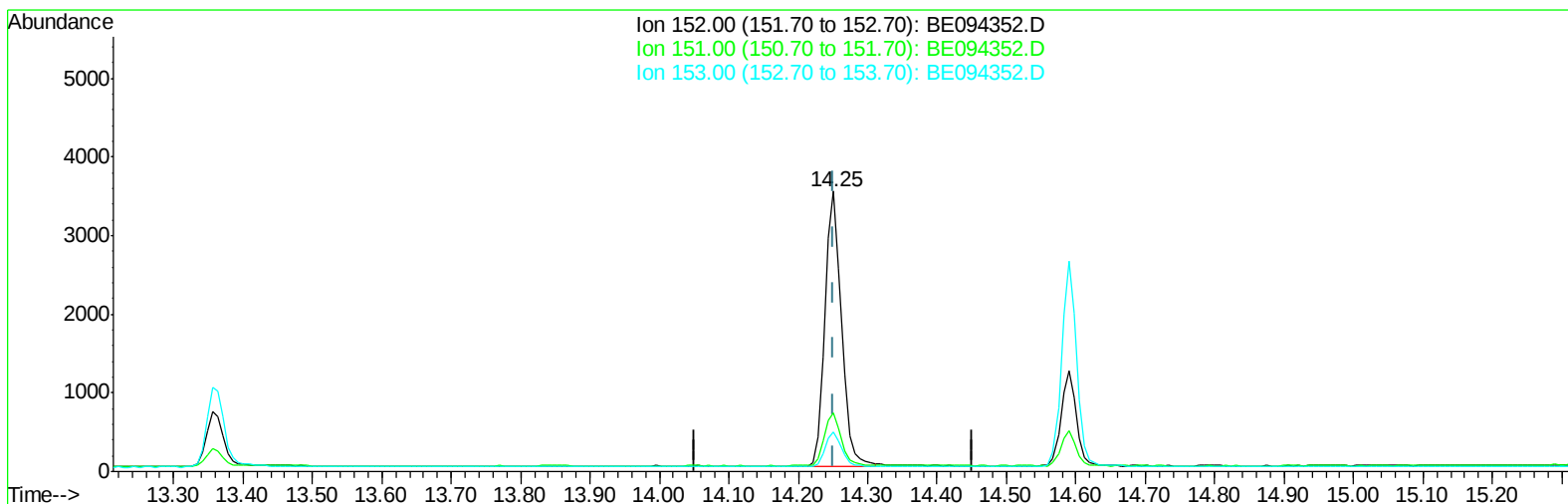
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094352.D
Acq On : 14 Oct 2017 9:55
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
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Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:31 PM

Quant Time: Oct 15 04:31:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration



TIC: BE094352.D

(7) Acenaphthylene

14.251min (-0.000) 0.50ng/ul m

response 5693

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	21.13
153.00	16.00	14.21
0.00	0.00	0.00

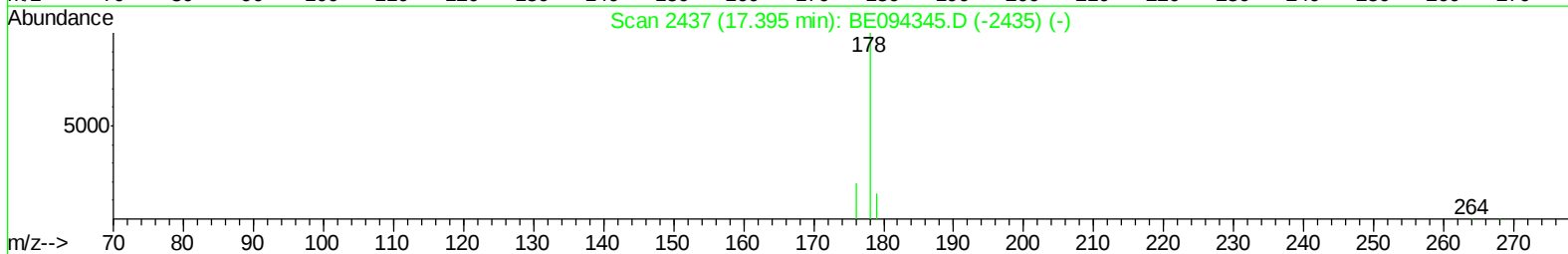
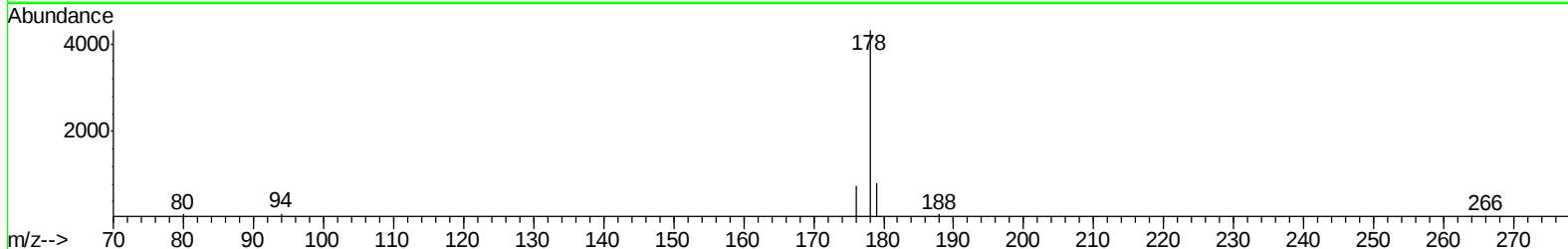
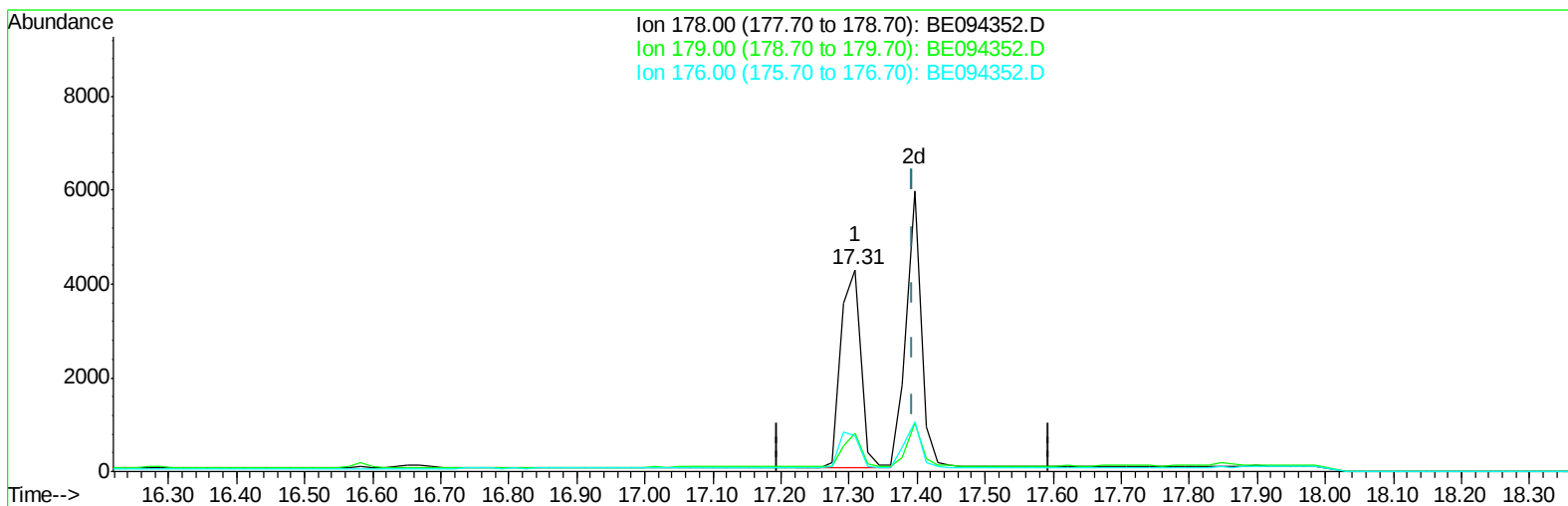
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094352.D
Acq On : 14 Oct 2017 9:55
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.436

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:31 PM

Quant Time: Oct 15 04:31:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration



TIC: BE094352.D

(13) Anthracene

17.309min (-0.085) 0.44ng/ul

response 8584

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	19.00
176.00	18.40	17.52
0.00	0.00	0.00

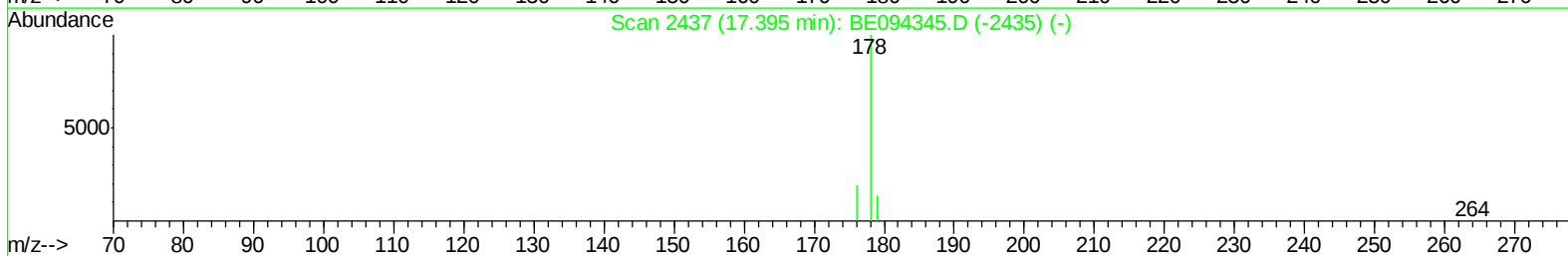
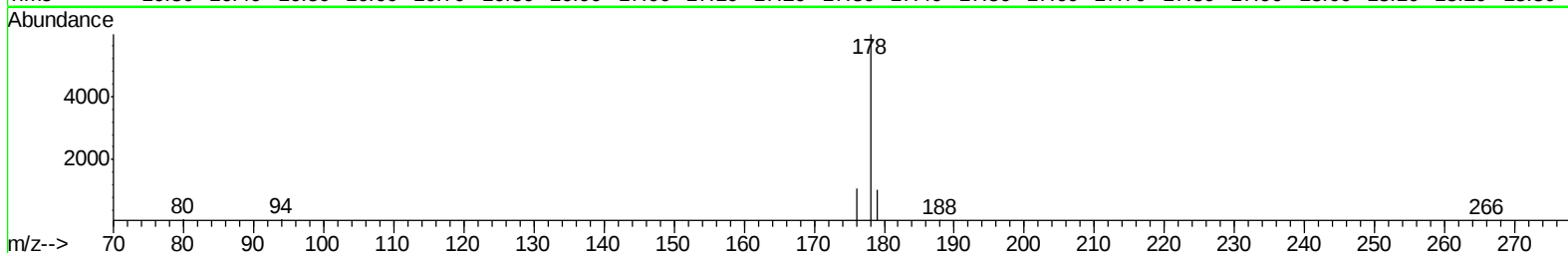
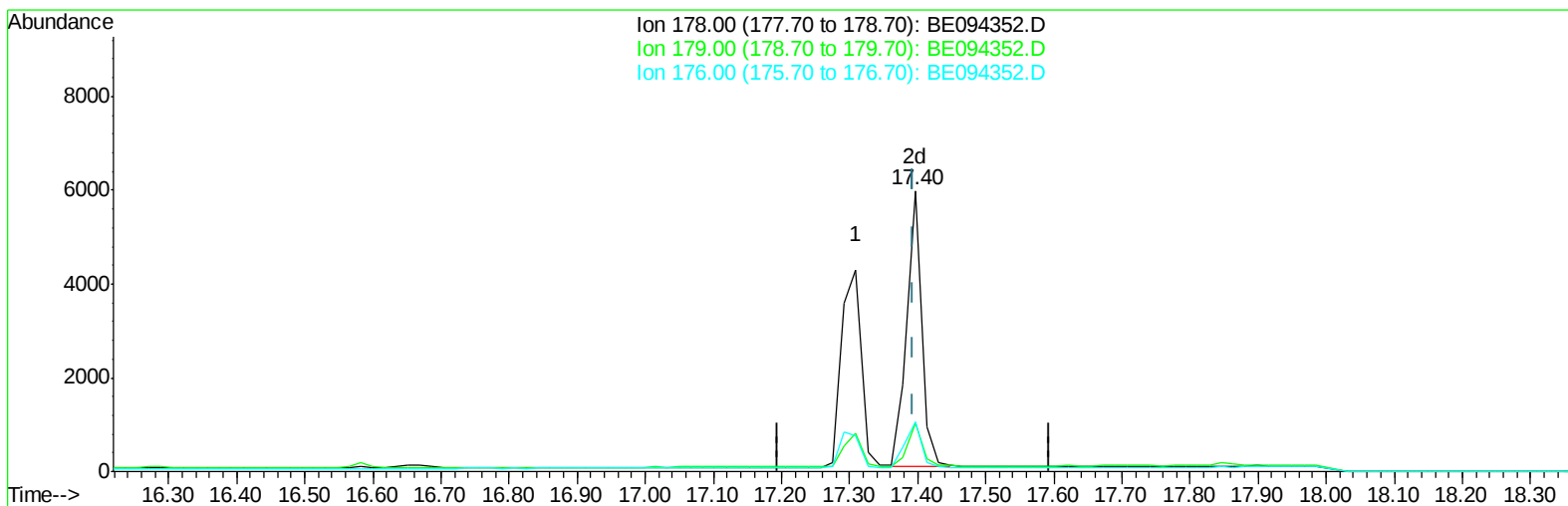
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094352.D
Acq On : 14 Oct 2017 9:55
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.436

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:31 PM

Quant Time: Oct 15 04:31:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094352.D

(13) Anthracene

17.396min (+0.001) 0.46ng/ul m

response 8935

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	17.43#
176.00	18.40	17.71
0.00	0.00	0.00

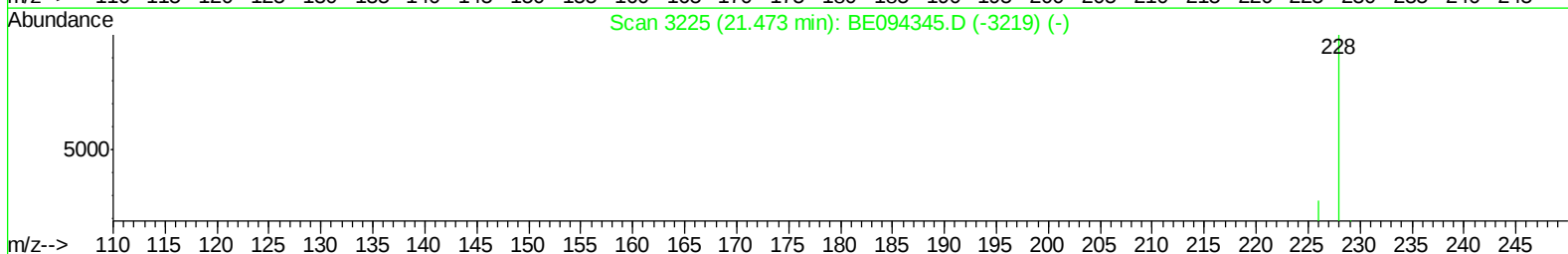
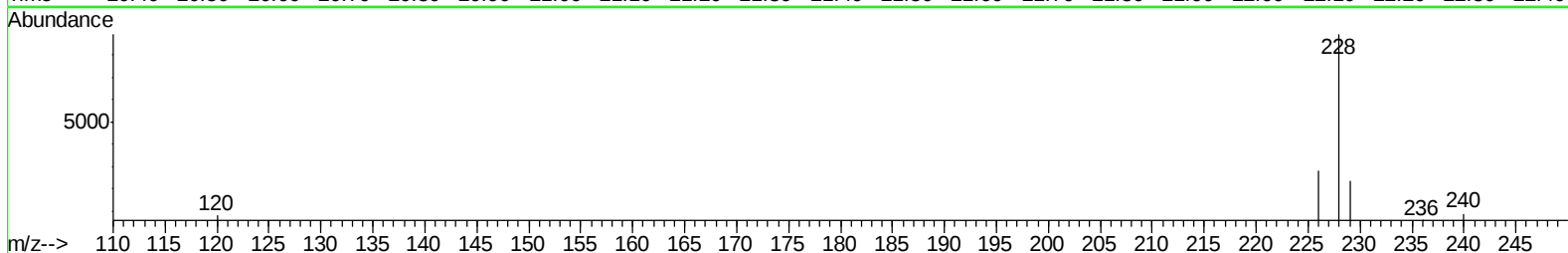
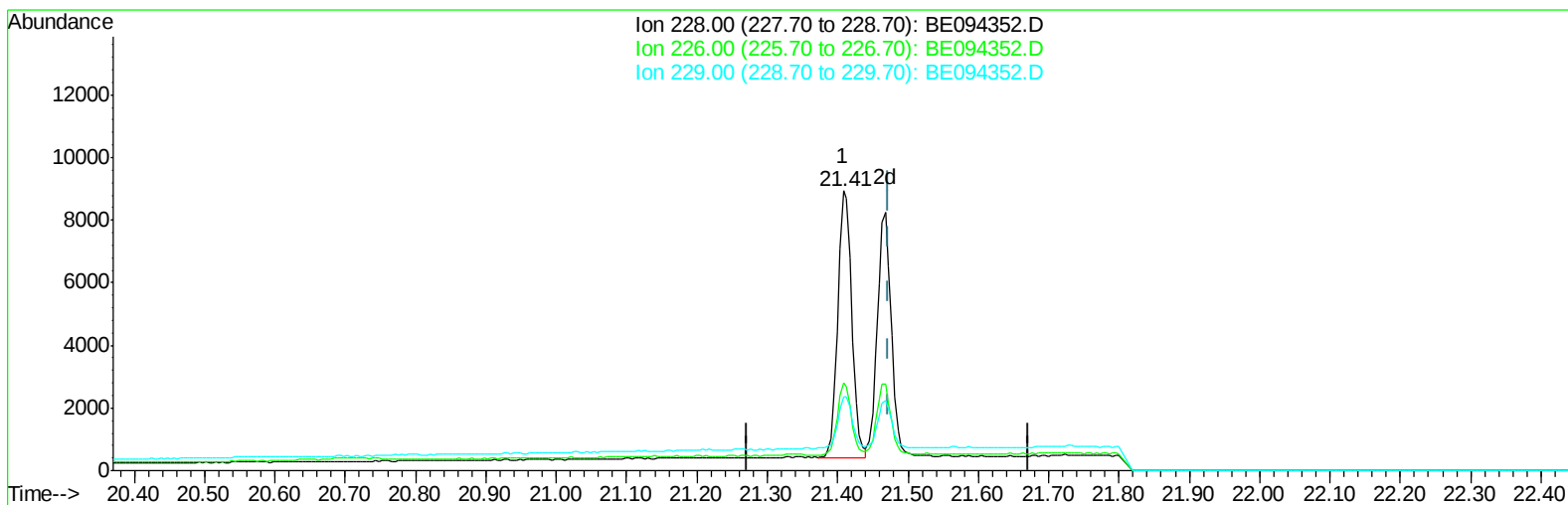
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094352.D
Acq On : 14 Oct 2017 9:55
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.436

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:31 PM

Quant Time: Oct 15 04:31:48 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: BE094352.D

(19) Chrysene

21.408min (-0.064) 0.41ng/ul

response 11793

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	31.56
229.00	22.10	26.25
0.00	0.00	0.00

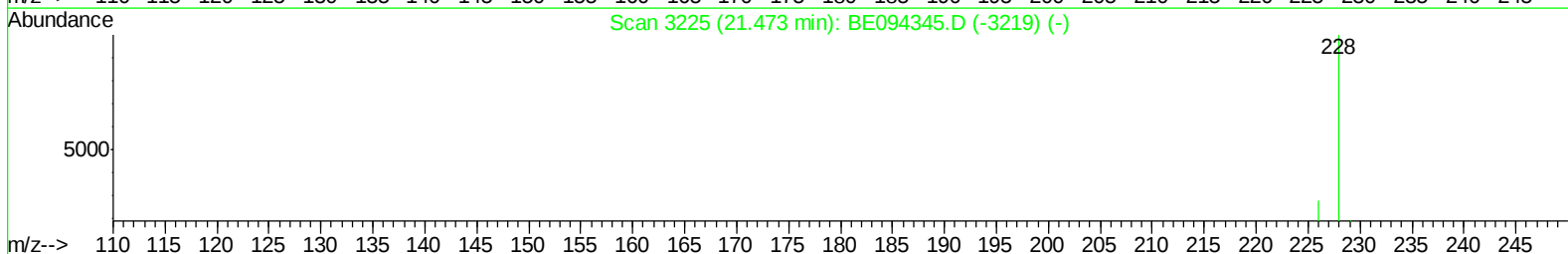
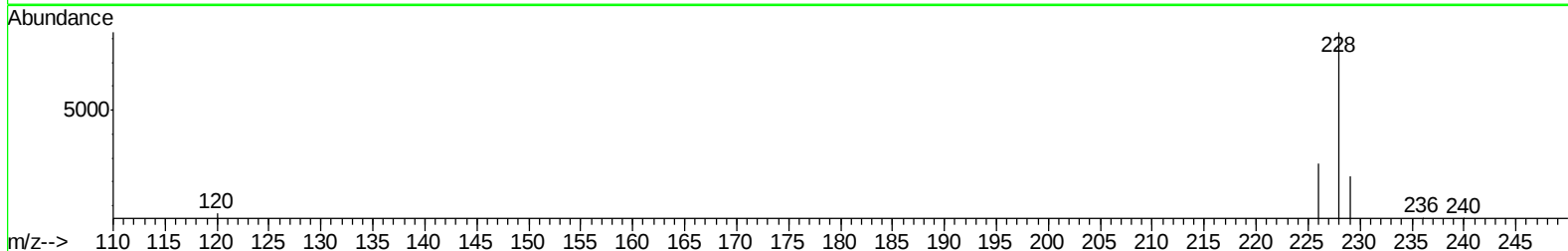
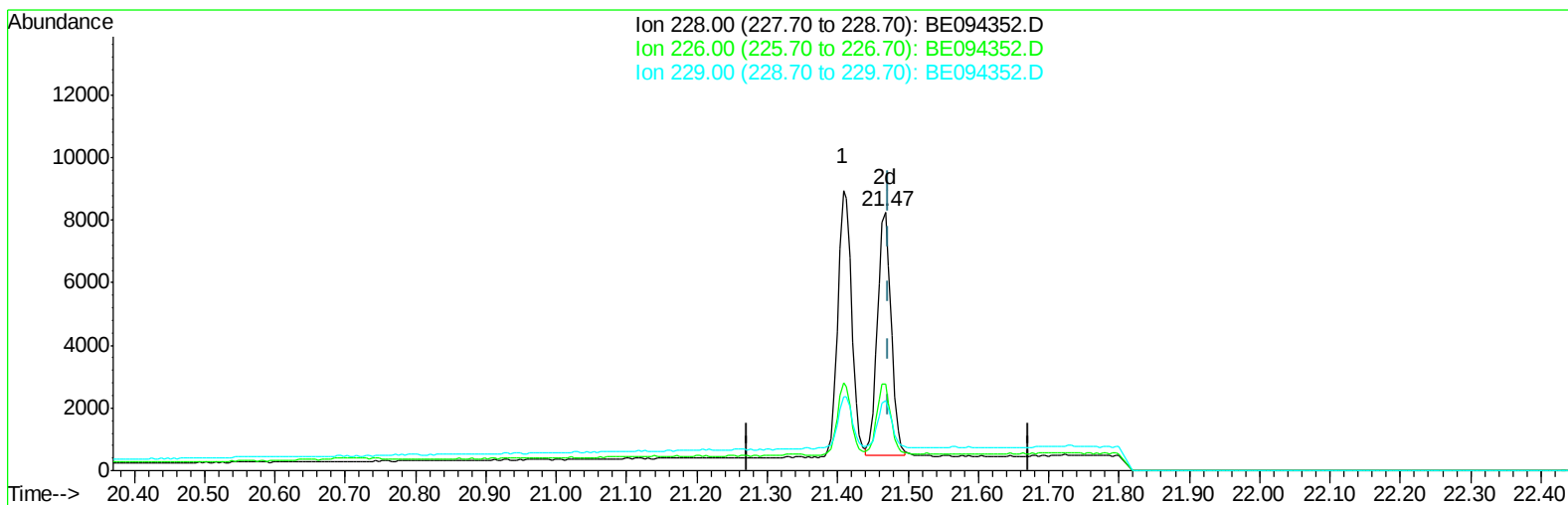
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094352.D
Acq On : 14 Oct 2017 9:55
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.436

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:31 PM

Quant Time: Oct 15 04:31:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration



TIC: BE094352.D

(19) Chrysene

21.468min (-0.005) 0.36ng/ul m

response 10517

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	33.60
229.00	22.10	26.84#
0.00	0.00	0.00

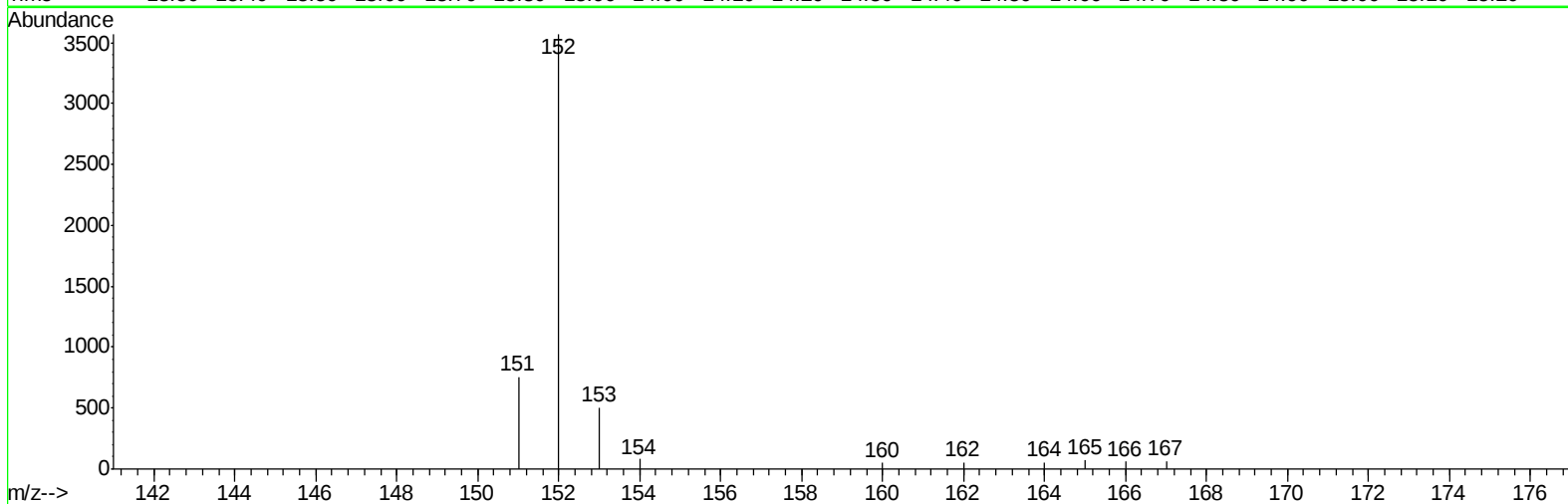
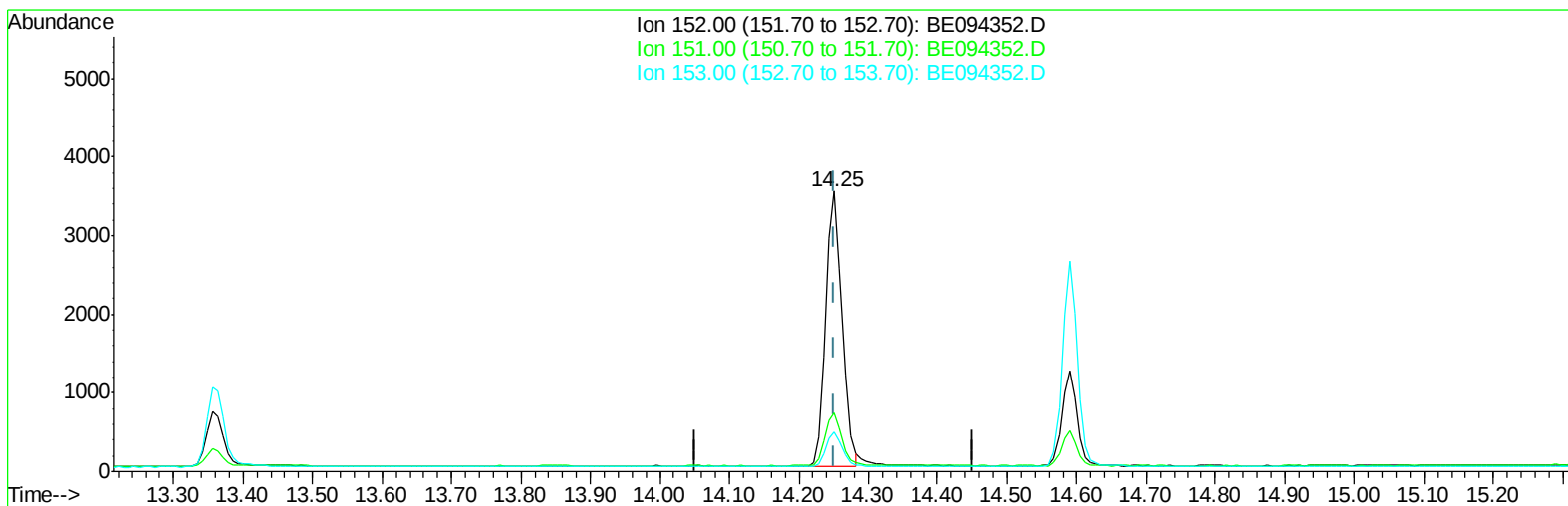
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094352.D
Acq On : 14 Oct 2017 9:55
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.436

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:31 PM

Quant Time: Oct 15 04:33:33 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration



TIC: BE094352.D

(7) Acenaphthylene

14.251min (-0.000) 0.50ng/ul m

response 5602

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	21.13
153.00	16.00	14.21
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
 Data File : BE094352.D
 Acq On : 14 Oct 2017 9:55
 Operator : SJ/JU
 Sample : SSTDC00.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.436

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:23:31 PM

Quant Time: Oct 15 04:34:43 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1075	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	5129	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	2900	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7722	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9417	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8875	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3315	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	11199	0.43	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	5147	0.410	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	3534	0.434	ng/ul	97
7) Acenaphthylene	14.25	152	5602m	0.496	ng/ul	
8) Acenaphthene	14.59	153	3972	0.427	ng/ul	97
9) Fluorene	15.57	166	4895	0.449	ng/ul	93
11) Pentachlorophenol	16.96	266	312	0.344	ng/ul	91
12) Phenanthrene	17.31	178	8596	0.426	ng/ul	95
13) Anthracene	17.40	178	8935m	0.455	ng/ul	
15) Fluoranthene	19.32	202	11361	0.428	ng/ul	84
17) Pyrene	19.68	202	12094	0.462	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	11793	0.472	ng/ul#	88
19) Chrysene	21.47	228	10517m	0.365	ng/ul	
21) Benzo(b)fluoranthene	23.18	252	10780	0.447	ng/ul#	84
22) Benzo(k)fluoranthene	23.23	252	10766	0.386	ng/ul#	82
23) Benzo(a)pyrene	23.85	252	10474	0.418	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.64	276	11655	0.455	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.65	278	9929	0.462	ng/ul#	82
26) Benzo(g,h,i)perylene	27.48	276	9593	0.434	ng/ul#	82

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

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