

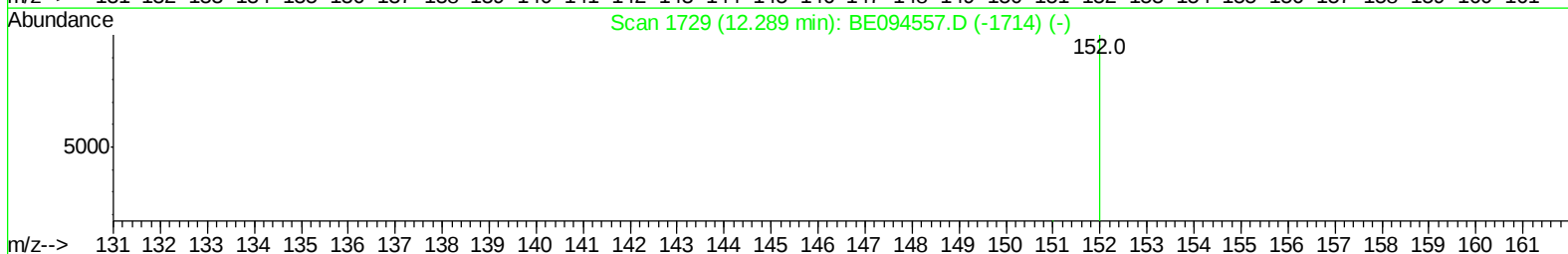
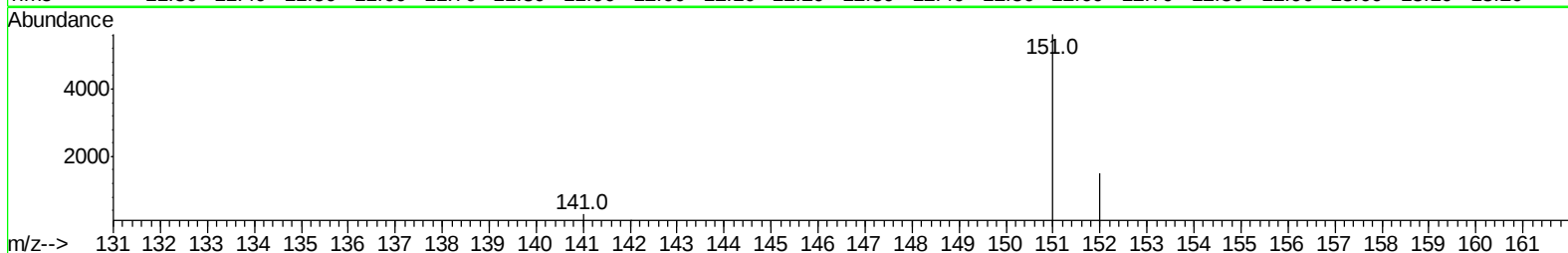
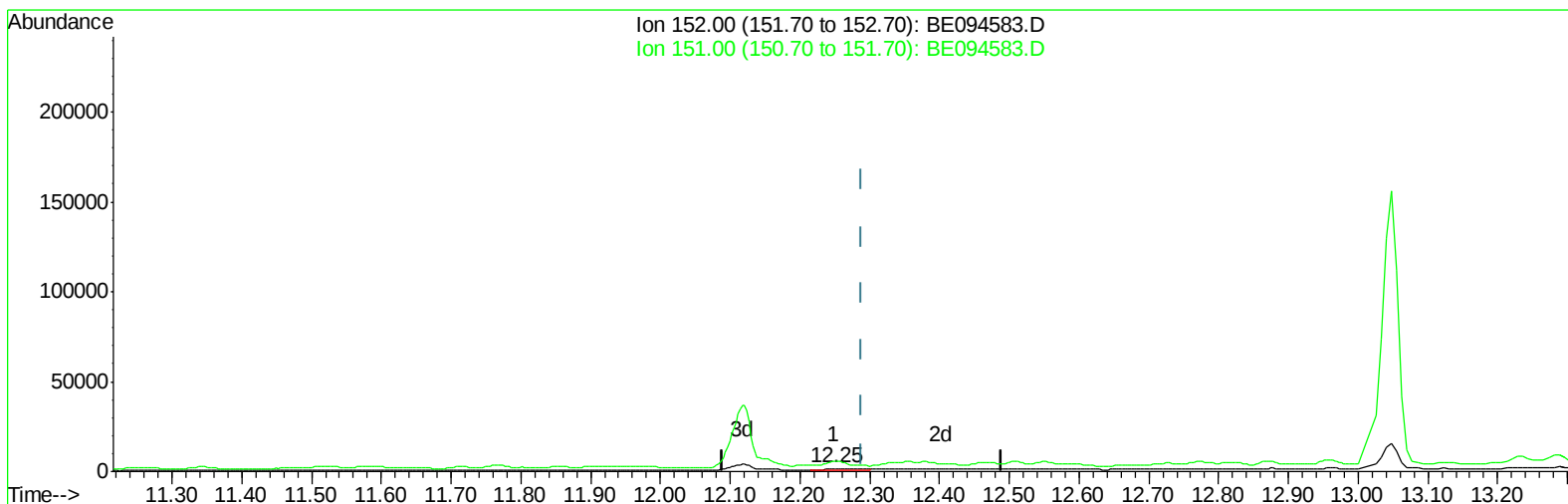
Data Path : Z:\HPCHEM1\BNA E\Data\BE102617\
Data File : BE094583.D
Acq On : 27 Oct 2017 3:48
Operator : SJ/JU
Sample : I5873-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-16(0-1) 101217

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM

Quant Time: Oct 27 07:45:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



TIC: BE094583.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.249min (-0.040) 0.14ng/ul

response 1973

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	249.62#
0.00	0.00	0.00
0.00	0.00	0.00

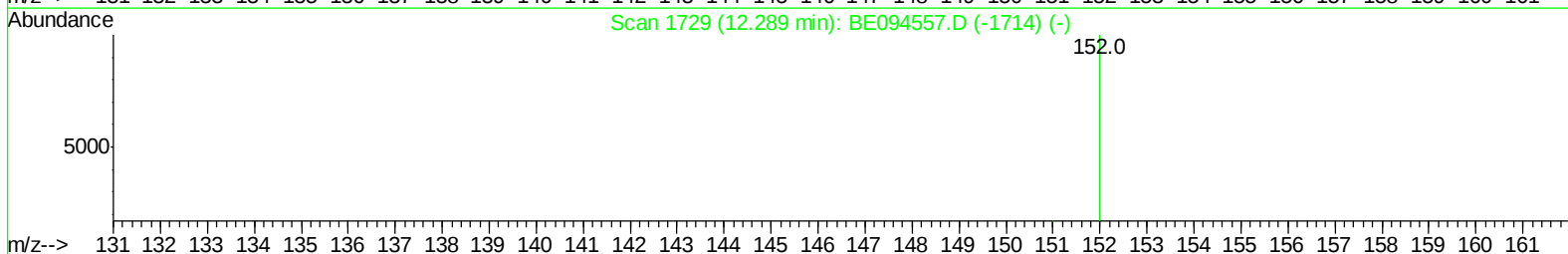
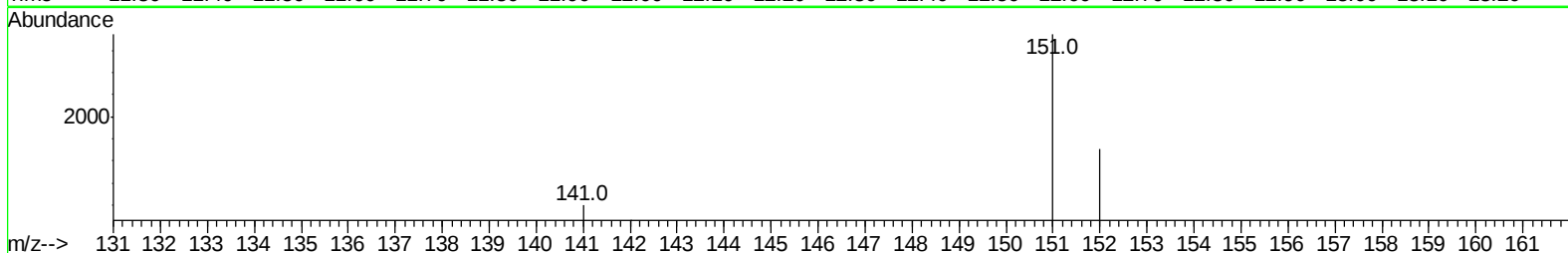
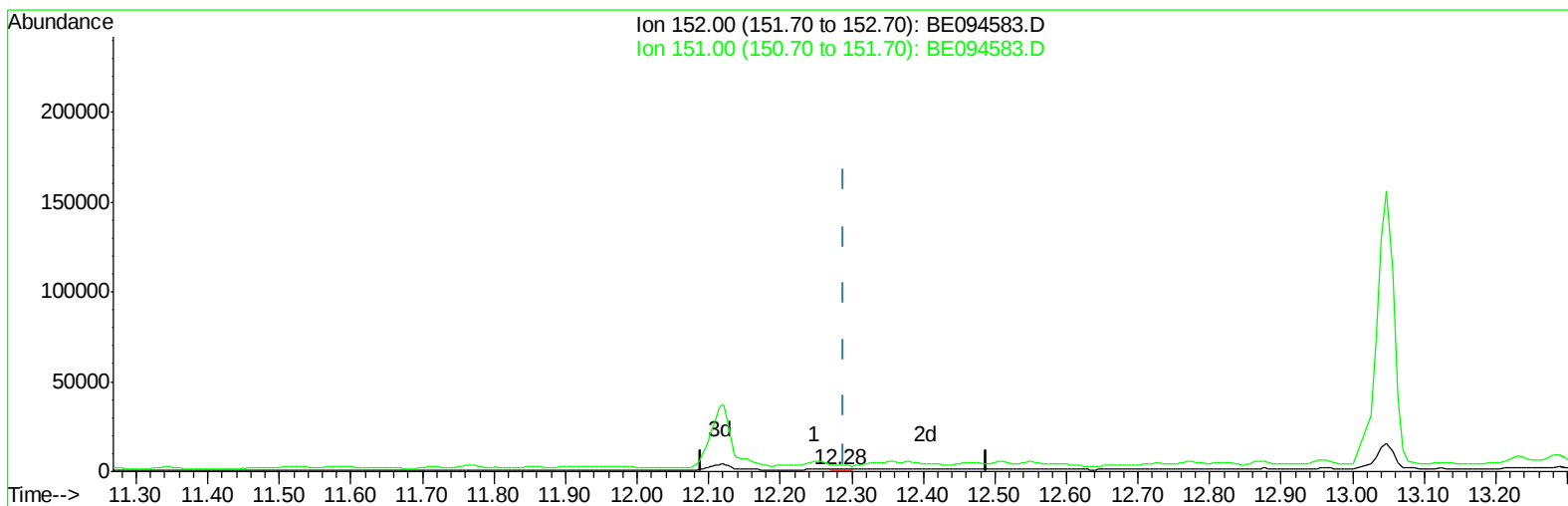
Data Path : Z:\HPCHEM1\BNA E\Data\BE102617\
 Data File : BE094583.D
 Acq On : 27 Oct 2017 3:48
 Operator : SJ/JU
 Sample : I5873-04 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-16(0-1) 101217

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:42:13 PM

Quant Time: Oct 27 07:45:03 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BE094583.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.280min (-0.009) 0.05ng/ul m

response 740

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	665.54#
0.00	0.00	0.00
0.00	0.00	0.00

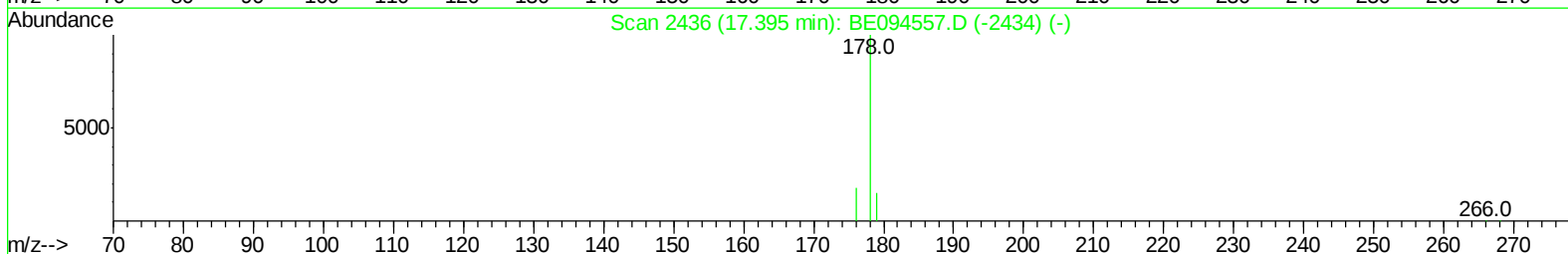
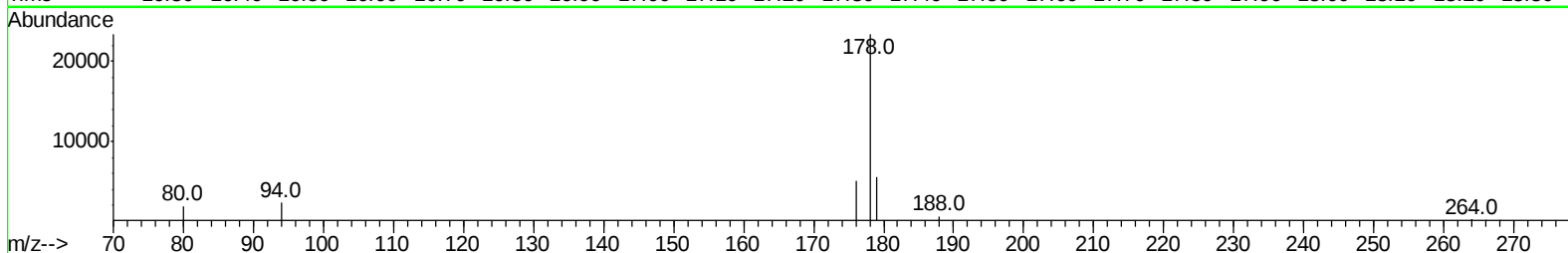
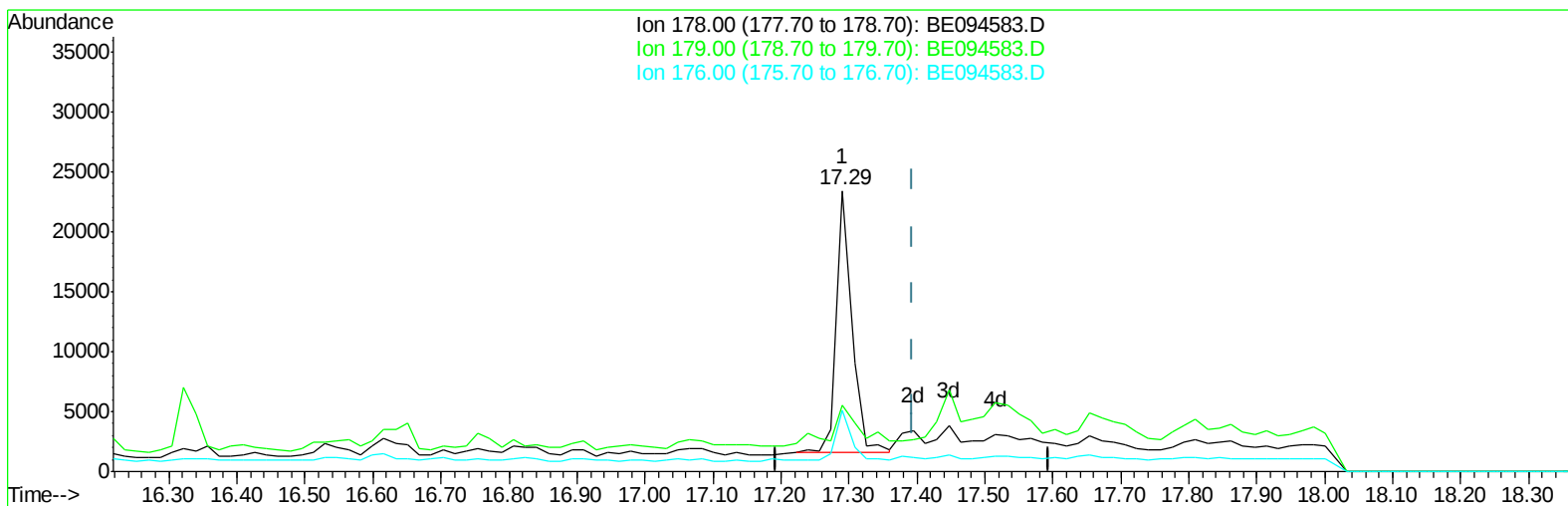
Data Path : Z:\HPCHEM1\BNA E\Data\BE102617\
Data File : BE094583.D
Acq On : 27 Oct 2017 3:48
Operator : SJ/JU
Sample : I5873-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-16(0-1)_101217

Manual Integrations
APPROVED

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Quant Time: Oct 27 09:49:39 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
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TIC: BE094583.D

(13) Anthracene

17.291min (-0.104) 1.25ng/ul

response 34258

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	23.47
176.00	18.40	21.92
0.00	0.00	0.00

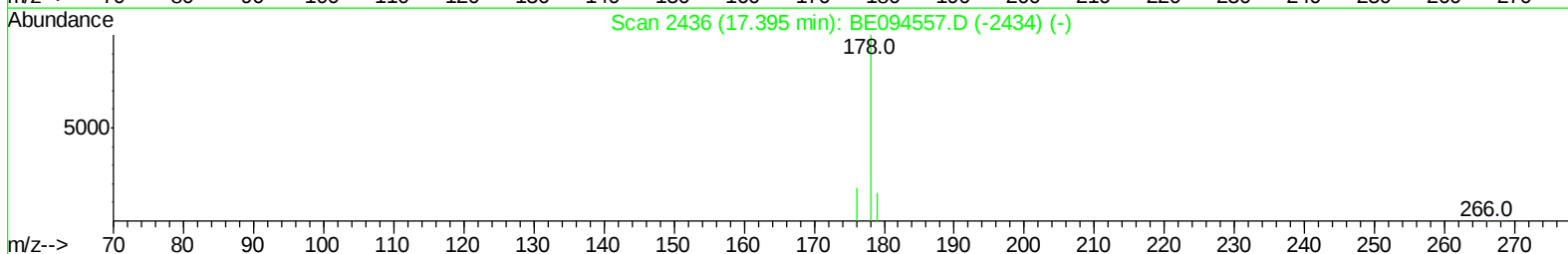
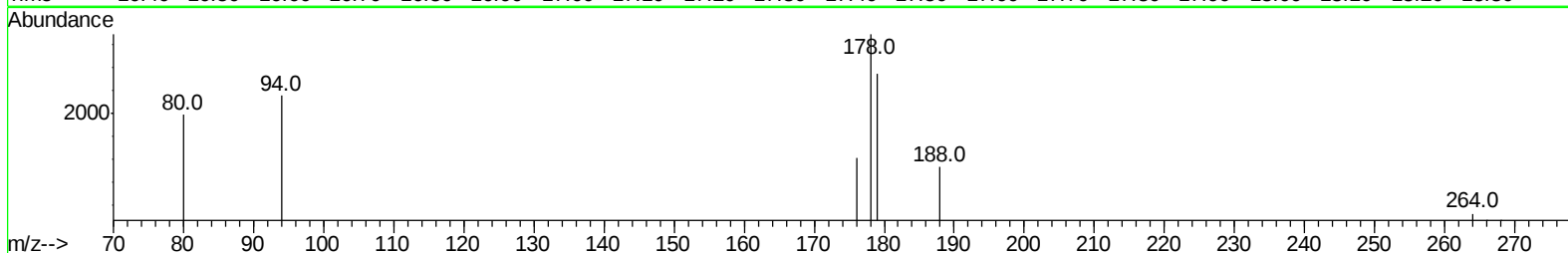
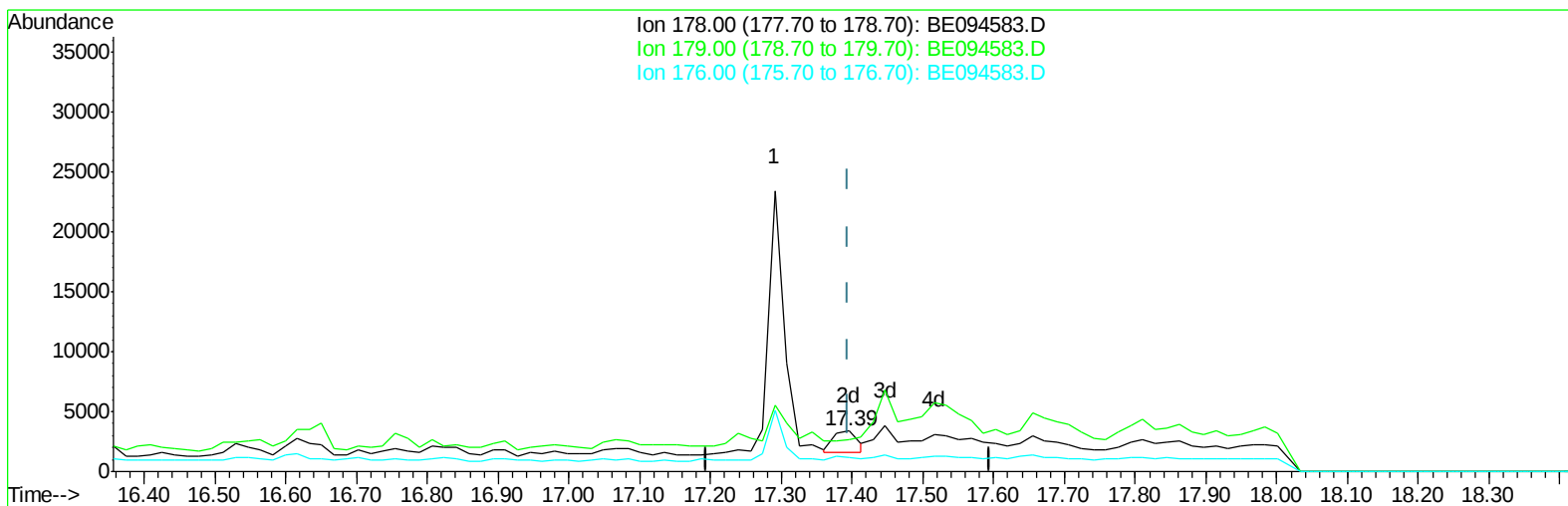
Data Path : Z:\HPCHEM1\BNA E\Data\BE102617\
 Data File : BE094583.D
 Acq On : 27 Oct 2017 3:48
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Manual Integrations
 APPROVED

Sohil
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Quant Time: Oct 27 09:49:39 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration



TIC: BE094583.D

(13) Anthracene

17.395min (+0.000) 0.16ng/ul m

response 4336

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	79.45#
176.00	18.40	36.28#
0.00	0.00	0.00

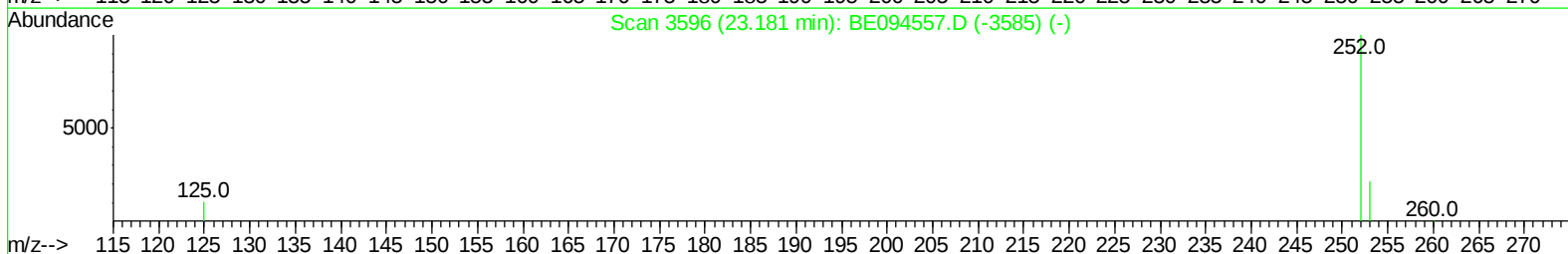
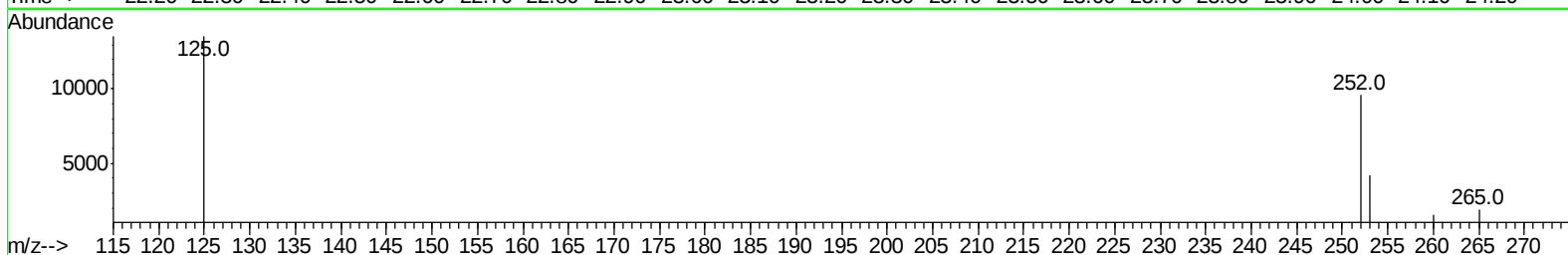
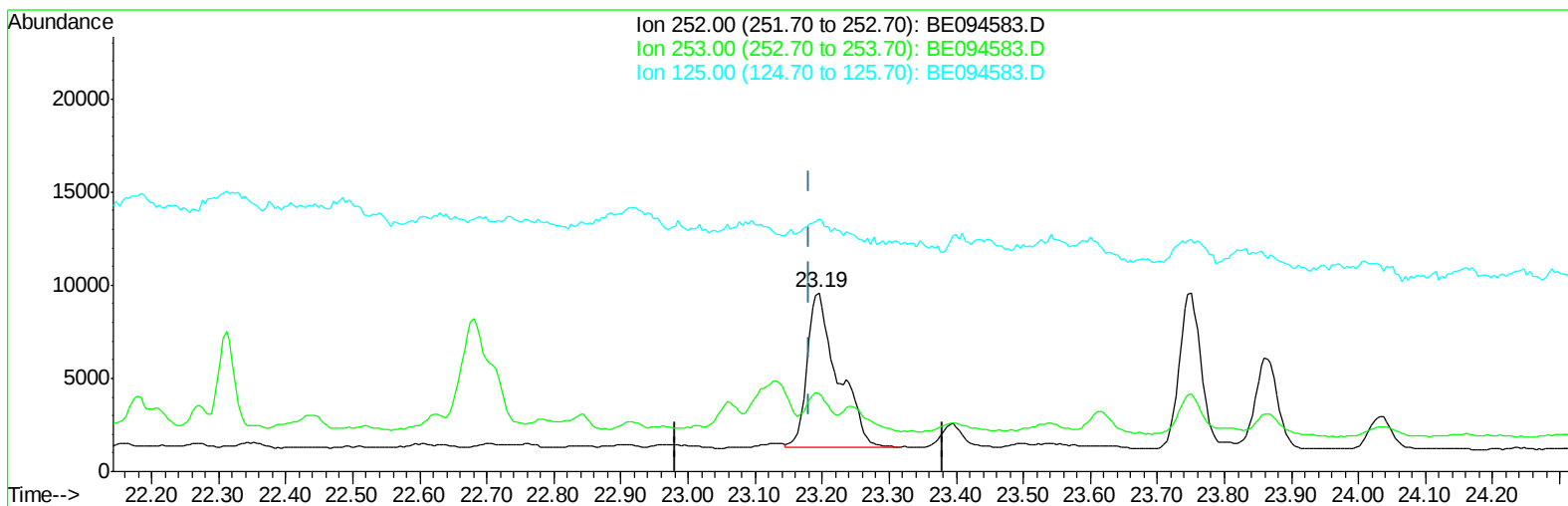
Data Path : Z:\HPCHEM1\BNA E\Data\BE102617\
Data File : BE094583.D
Acq On : 27 Oct 2017 3:48
Operator : SJ/JU
Sample : I5873-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-16(0-1) 101217

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM

Quant Time: Oct 27 09:49:39 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



TIC: BE094583.D

(21) Benzo(b)fluoranthene

23.195min (+0.014) 0.88ng/ul

response 26676

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	43.89
125.00	17.50	141.45#
0.00	0.00	0.00

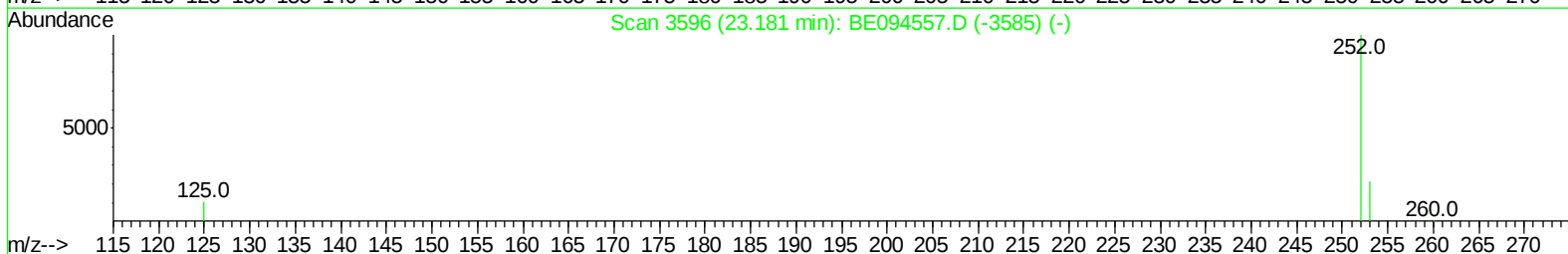
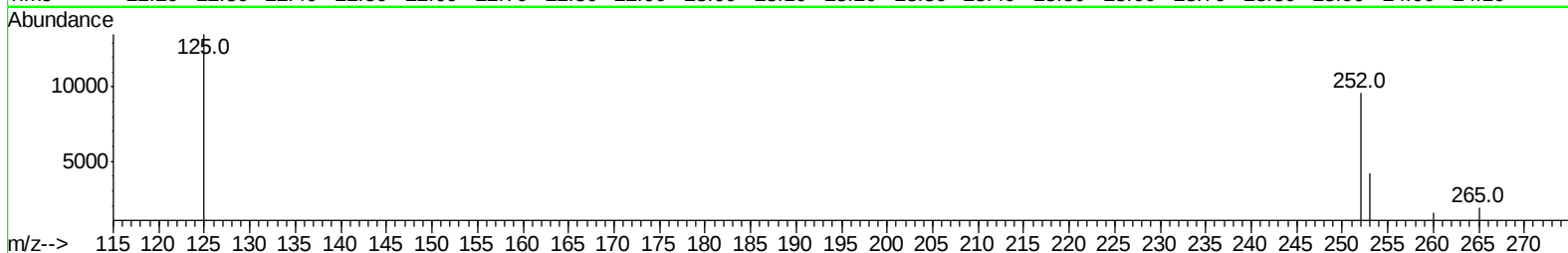
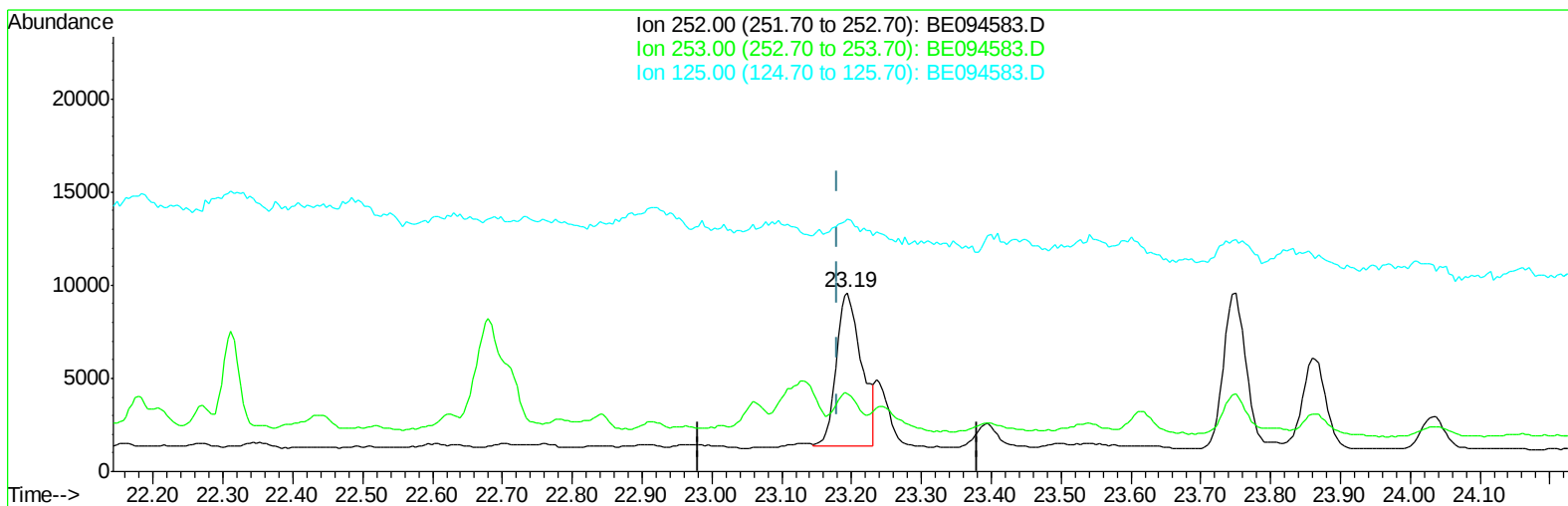
Data Path : Z:\HPCHEM1\BNA E\Data\BE102617\
Data File : BE094583.D
Acq On : 27 Oct 2017 3:48
Operator : SJ/JU
Sample : I5873-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-16(0-1) 101217

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM

Quant Time: Oct 27 09:49:39 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



TIC: BE094583.D

(21) Benzo(b)fluoranthene

23.195min (+0.014) 0.69ng/ul m

response 21108

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	43.89
125.00	17.50	141.45#
0.00	0.00	0.00

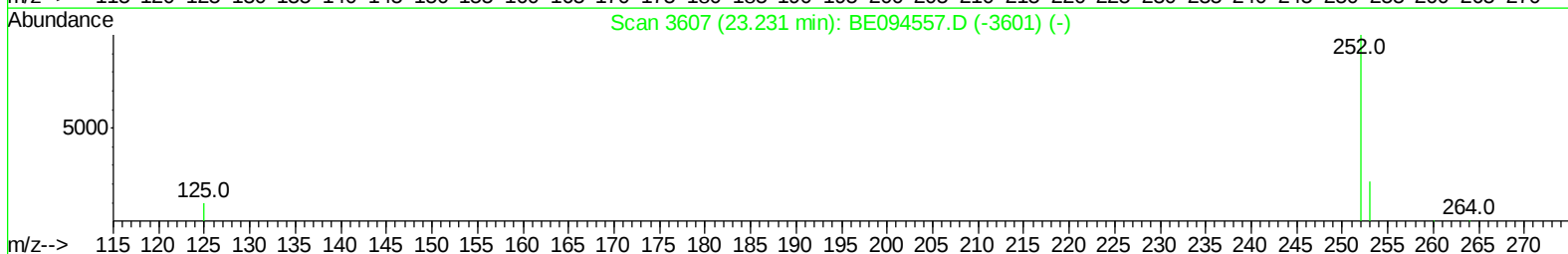
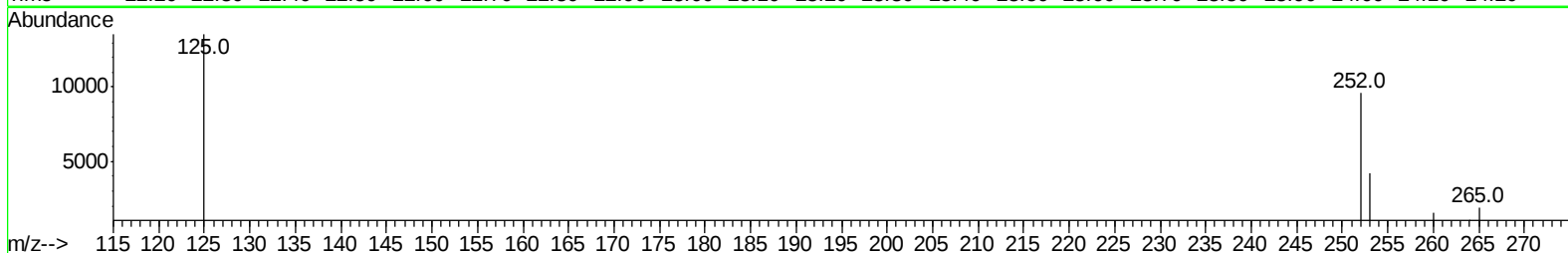
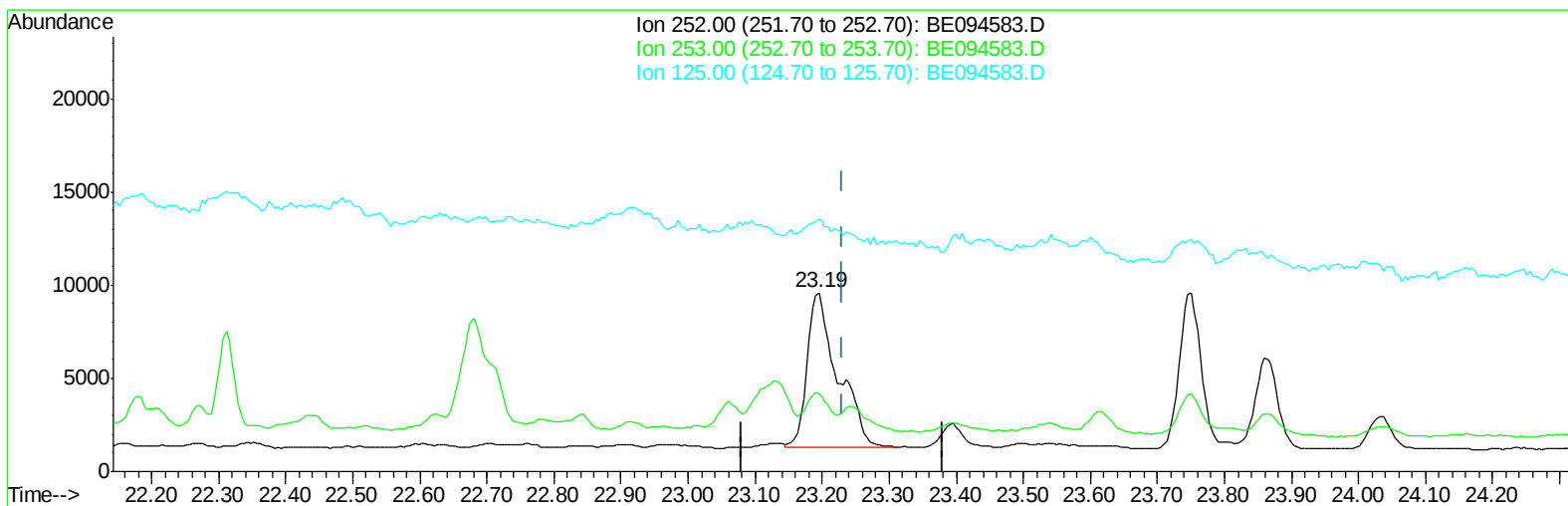
Data Path : Z:\HPCHEM1\BNA E\Data\BE102617\
Data File : BE094583.D
Acq On : 27 Oct 2017 3:48
Operator : SJ/JU
Sample : I5873-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-16(0-1) 101217

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM

Quant Time: Oct 27 09:49:39 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



TIC: BE094583.D

(22) Benzo(k)fluoranthene

23.195min (-0.036) 0.82ng/ul

response 26630

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	43.89#
125.00	17.10	141.45#
0.00	0.00	0.00

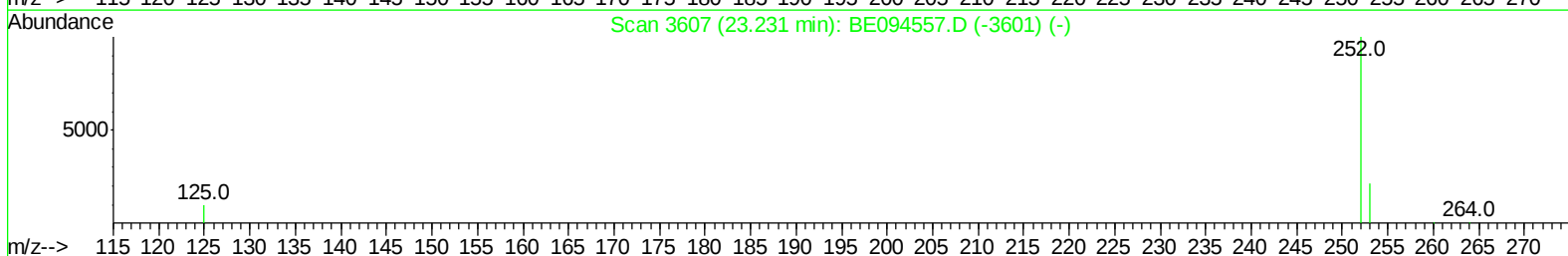
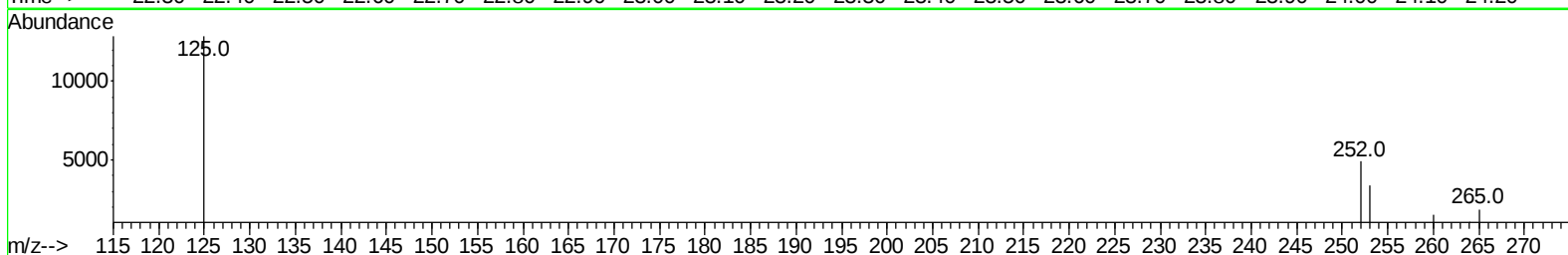
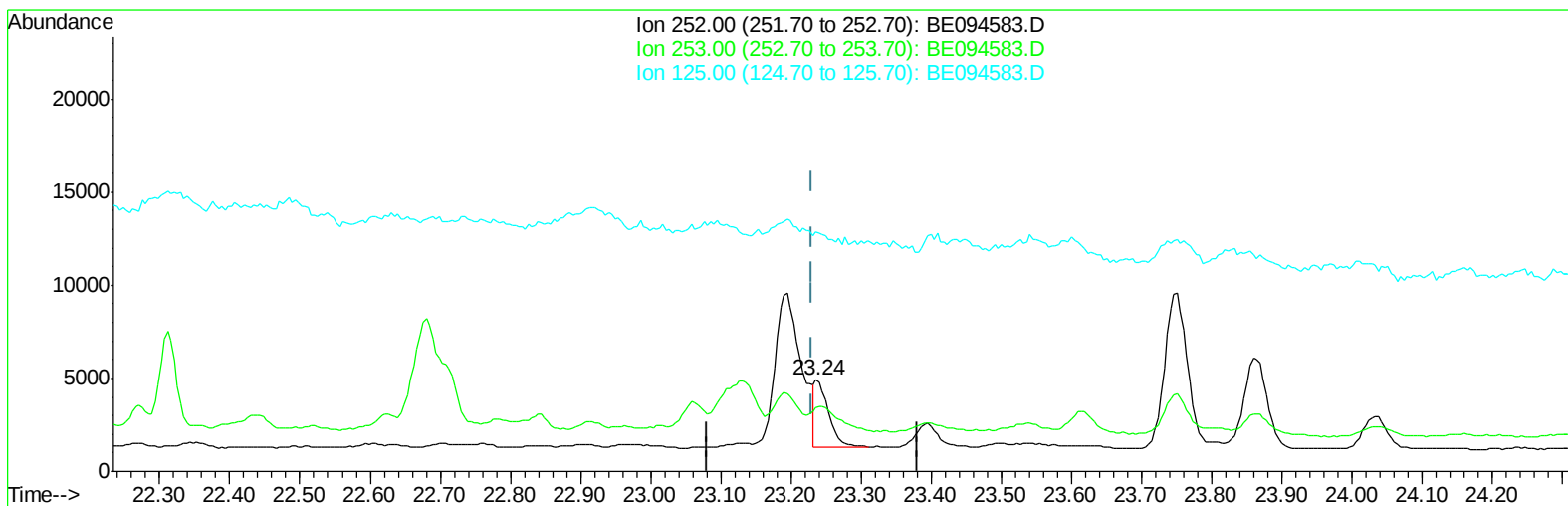
Data Path : Z:\HPCHEM1\BNA E\Data\BE102617\
Data File : BE094583.D
Acq On : 27 Oct 2017 3:48
Operator : SJ/JU
Sample : I5873-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-16(0-1) 101217

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM

Quant Time: Oct 27 09:49:39 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



TIC: BE094583.D

(22) Benzo(k)fluoranthene

23.236min (+0.005) 0.15ng/ul m

response 5000

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	69.30#
125.00	17.10	263.09#
0.00	0.00	0.00

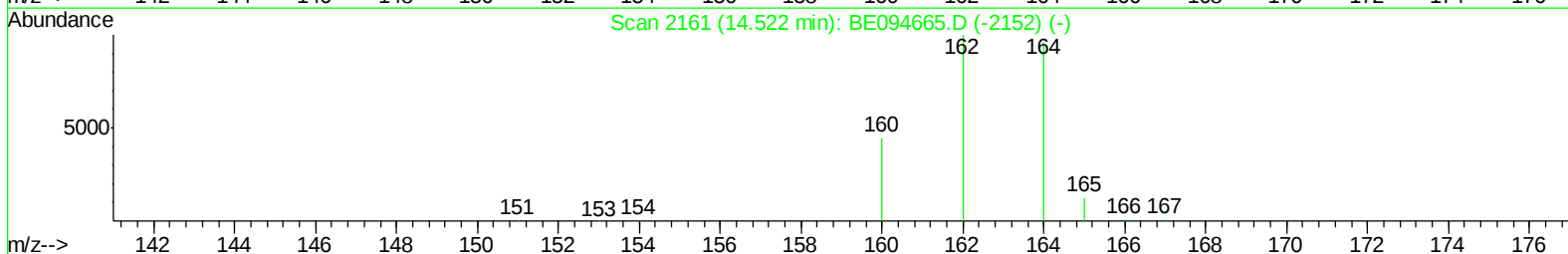
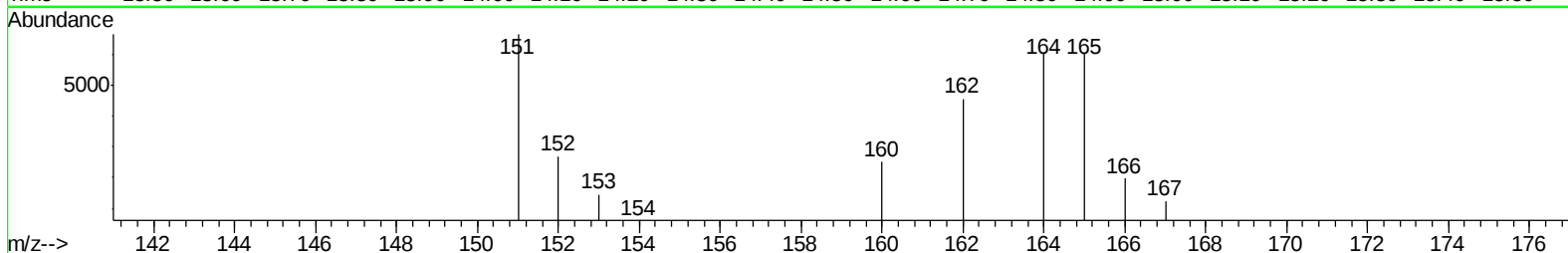
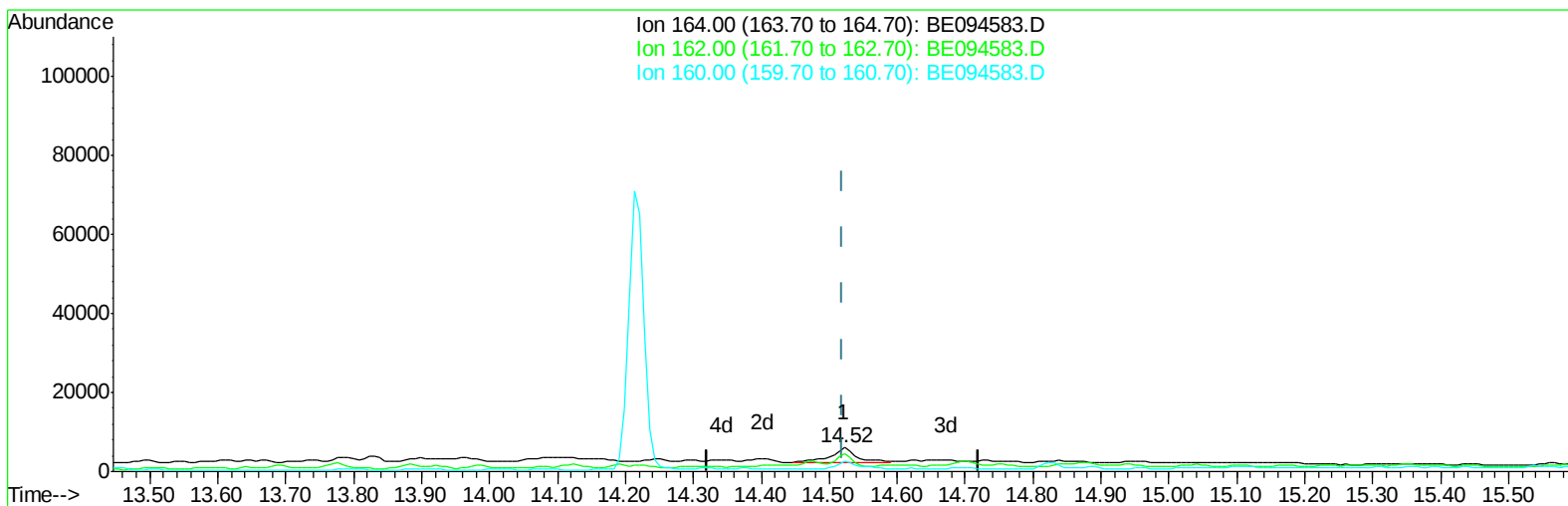
Data Path : Z:\HPCHEM1\BNA_E\Data\BE102617\
Data File : BE094583.D
Acq On : 27 Oct 2017 3:48
Operator : SJ/JU
Sample : I5873-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-16(0-1)_101217

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM

Quant Time: Nov 03 05:40:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 09:37:39 2017
Response via : Initial Calibration



TIC: BE094583.D

(6) Acenaphthene-d10 (I)

14.522min (+0.001) 0.40ng/ul

response 8688

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	74.89#
160.00	48.80	41.13
0.00	0.00	0.00

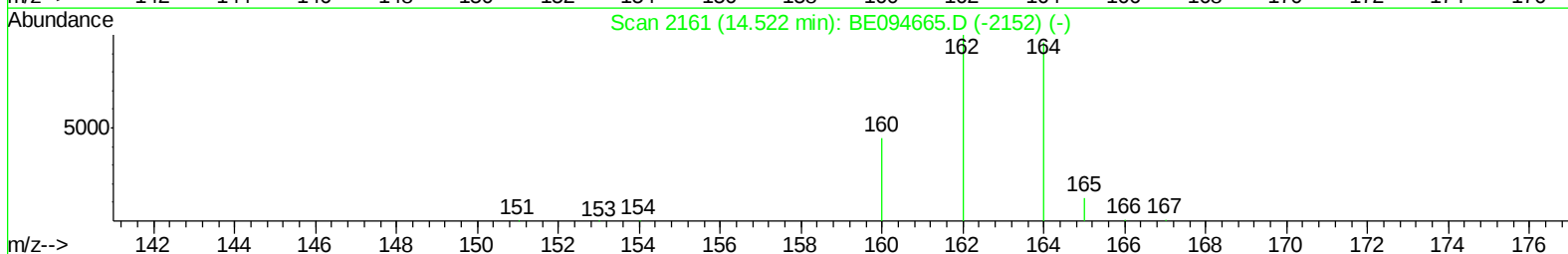
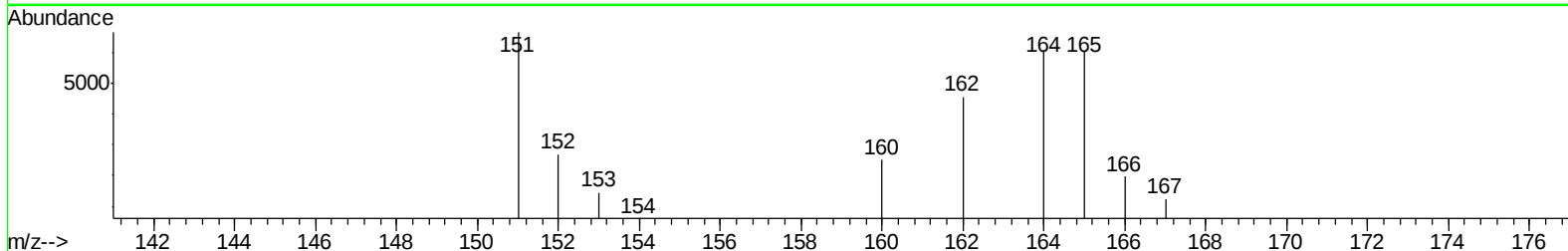
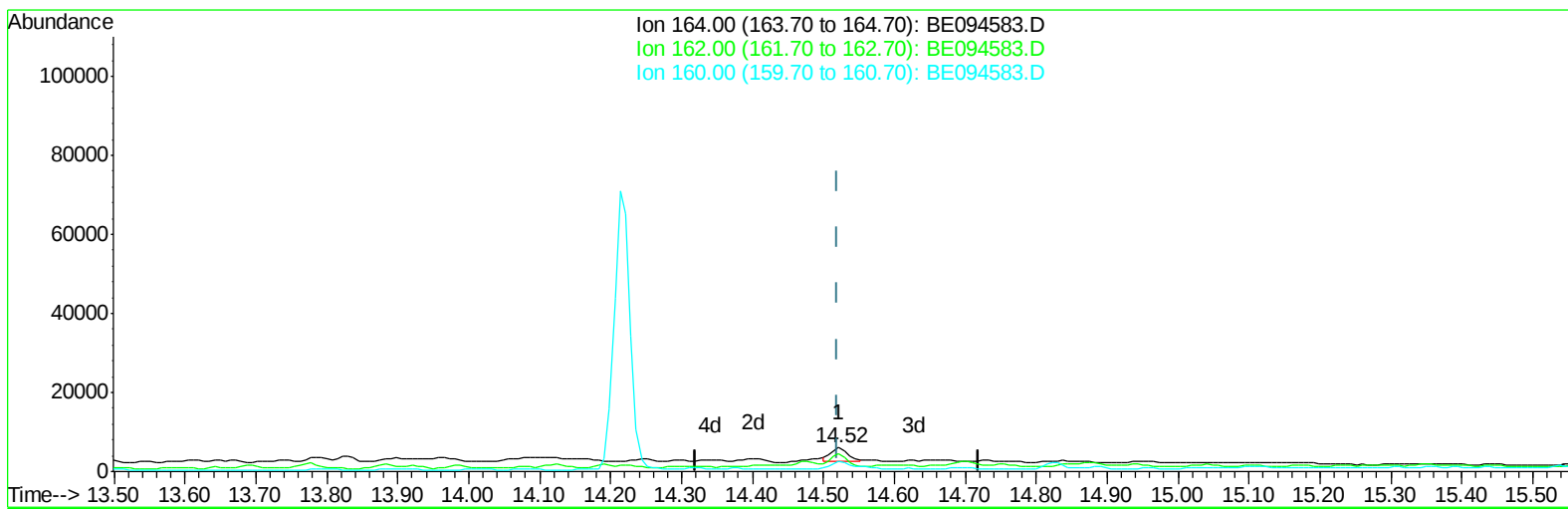
Data Path : Z:\HPCHEM1\BNA_E\Data\BE102617\
Data File : BE094583.D
Acq On : 27 Oct 2017 3:48
Operator : SJ/JU
Sample : I5873-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-16(0-1)_101217

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM

Quant Time: Oct 27 17:39:55 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



TIC: BE094583.D

(6) Acenaphthene-d10 (I)

14.522min (+0.002) 0.40ng/ul m

response 5871

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	74.89#
160.00	48.80	41.13
0.00	0.00	0.00

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Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:42:13 PM

Quant Time: Oct 27 17:39:55 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1594	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8859	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	5871m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10535	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10730	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	10831	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	740m	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	19455	0.62	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	30126	1.391	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	36519	2.410	ng/ul	97
7) Acenaphthylene	14.24	152	7982	0.301	ng/ul#	1
8) Acenaphthene	14.59	153	2514	0.132	ng/ul#	38
9) Fluorene	15.57	166	6311	0.295	ng/ul#	52
12) Phenanthrene	17.29	178	36898	1.326	ng/ul#	95
13) Anthracene	17.39	178	4336m	0.158	ng/ul	
15) Fluoranthene	19.31	202	17460	0.543	ng/ul	83
17) Pyrene	19.68	202	34824	1.050	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	9921	0.323	ng/ul#	31
19) Chrysene	21.47	228	22934	0.723	ng/ul#	59
21) Benzo(b)fluoranthene	23.19	252	21108m	0.693	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	5000m	0.153	ng/ul	
23) Benzo(a)pyrene	23.86	252	11353	0.373	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.68	276	9824	0.312	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.67	278	2940	0.111	ng/ul#	1
26) Benzo(g,h,i)perylene	27.53	276	11974	0.473	ng/ul#	42

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

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