

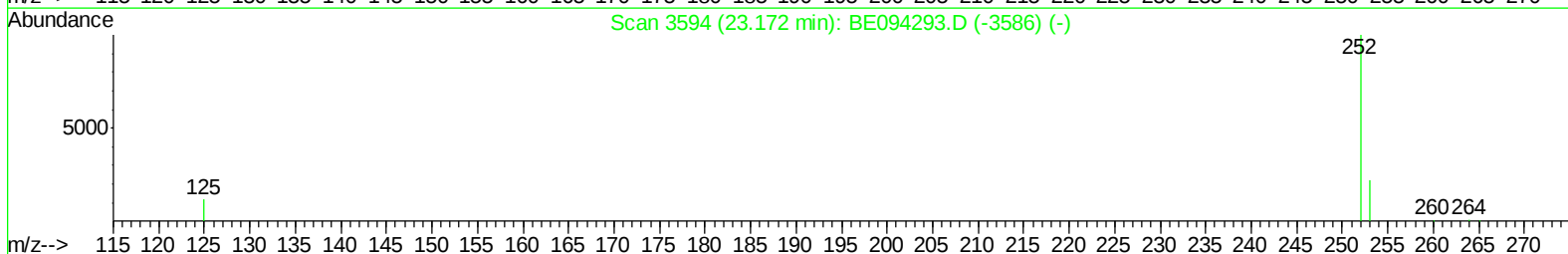
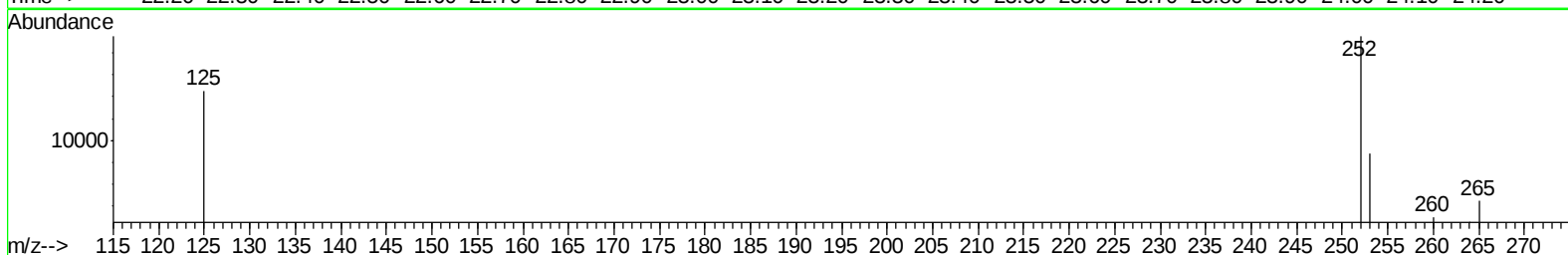
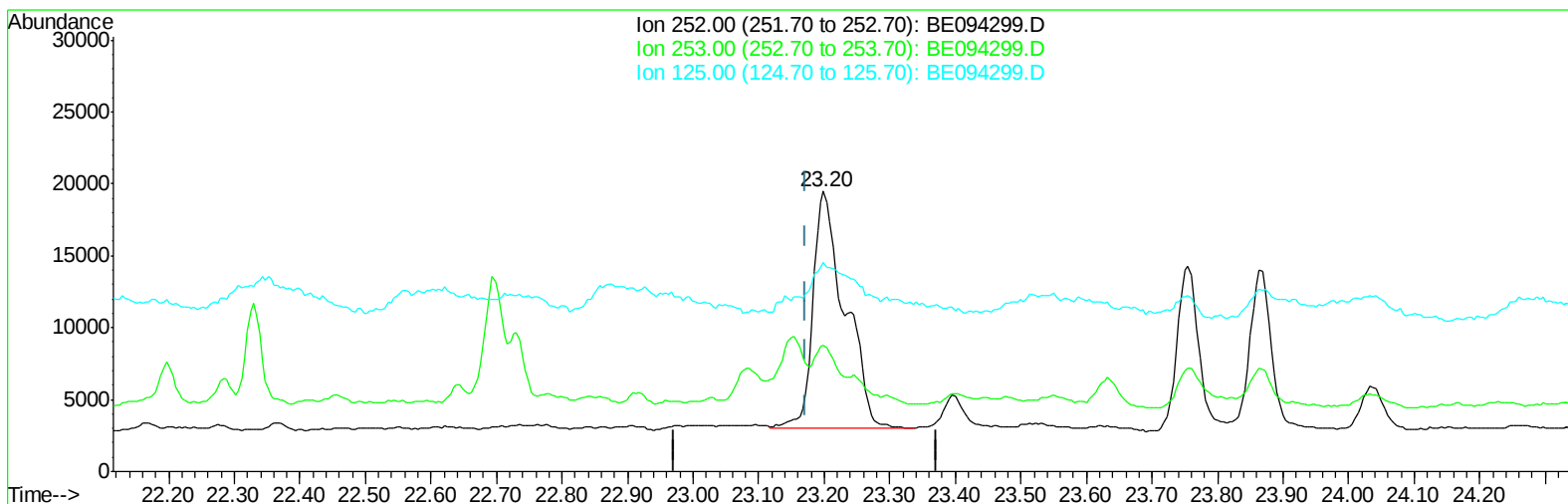
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094299.D
Acq On : 12 Oct 2017 3:16
Operator : SJ/JU
Sample : I5490-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717DL

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:02 PM

Quant Time: Oct 12 19:50:25 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: BE094299.D

(21) Benzo(b)fluoranthene

23.199min (+0.027) 1.96ng/ul

response 55525

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.01
125.00	17.50	74.42#
0.00	0.00	0.00

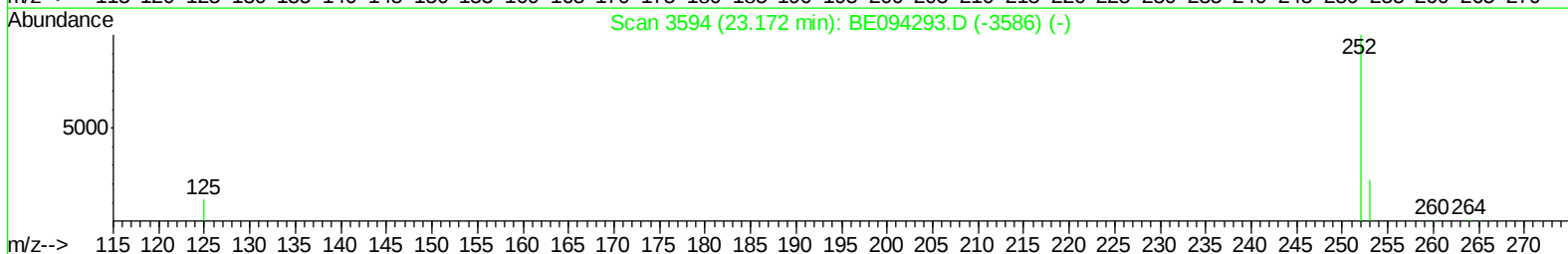
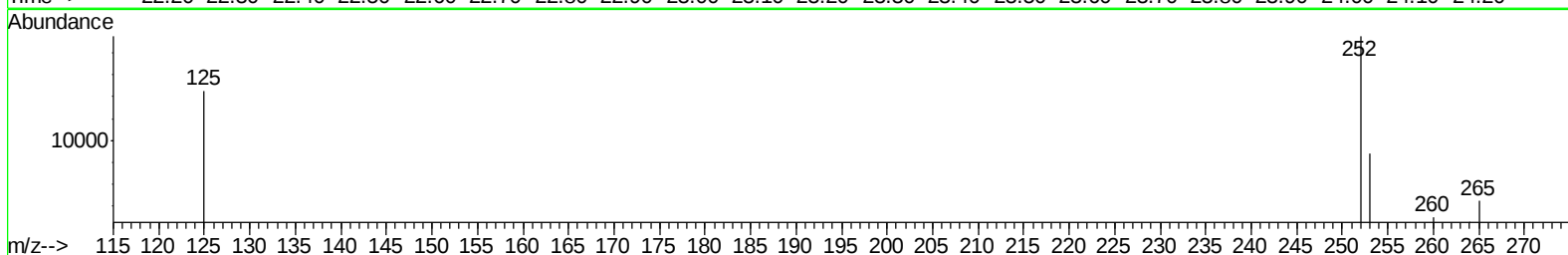
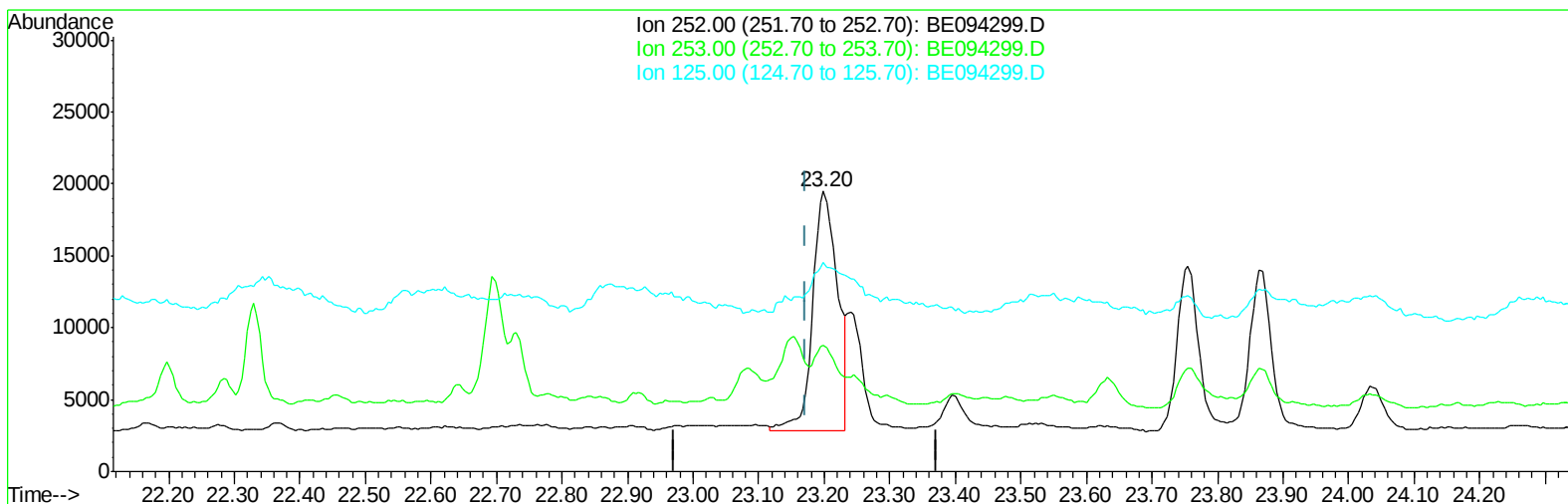
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094299.D
Acq On : 12 Oct 2017 3:16
Operator : SJ/JU
Sample : I5490-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717DL

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:02 PM

Quant Time: Oct 12 19:50:25 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: BE094299.D

(21) Benzo(b)fluoranthene

23.199min (+0.027) 1.53ng/ul m

response 43303

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.01
125.00	17.50	74.42#
0.00	0.00	0.00

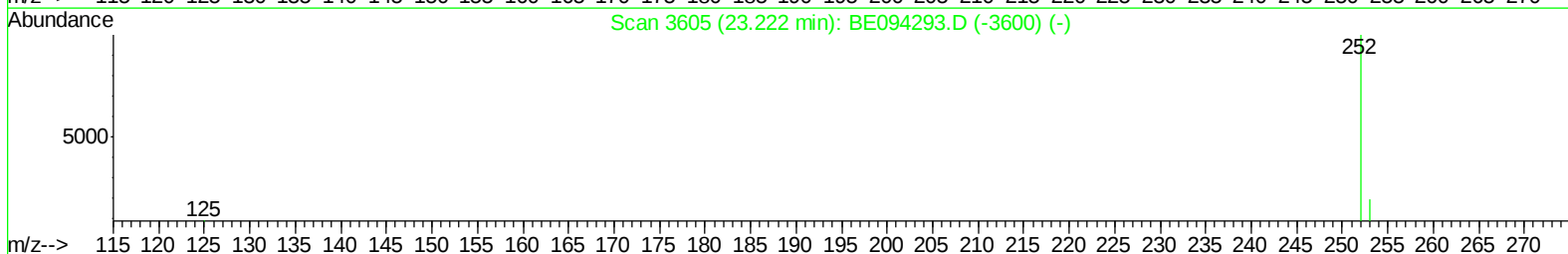
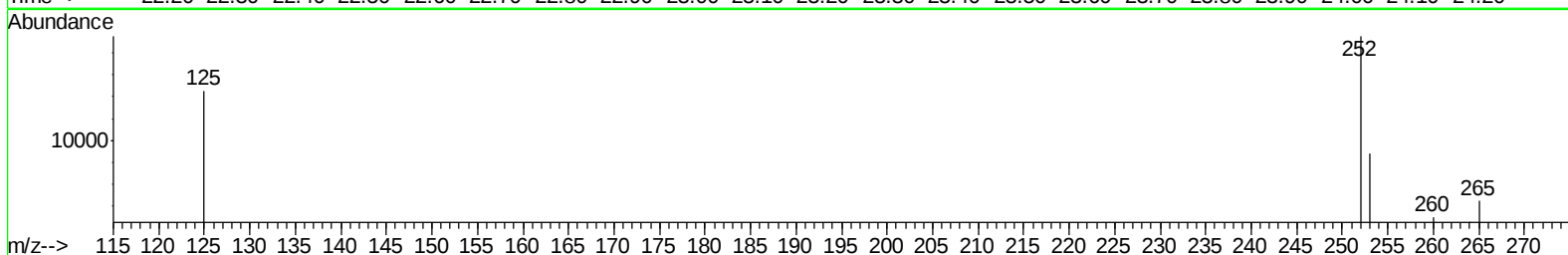
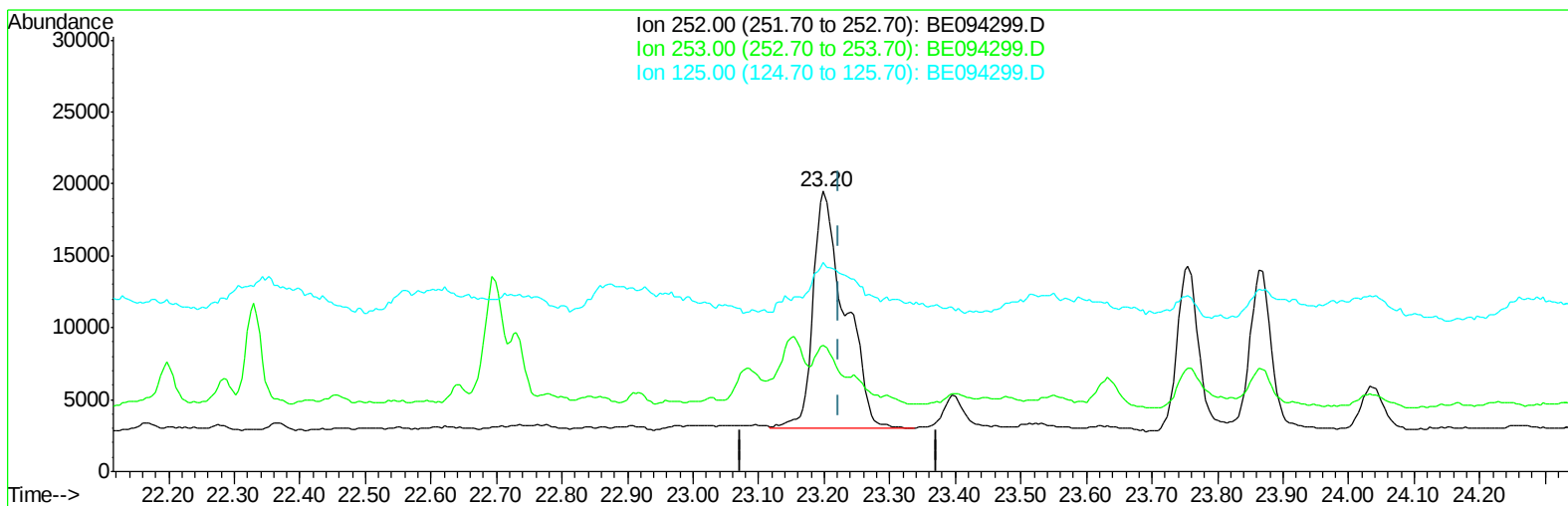
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094299.D
Acq On : 12 Oct 2017 3:16
Operator : SJ/JU
Sample : I5490-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717DL

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:02 PM

Quant Time: Oct 12 19:50:25 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: BE094299.D

(22) Benzo(k)fluoranthene
23.199min (-0.023) 1.69ng/ul
response 55525

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	45.01#
125.00	17.10	74.42#
0.00	0.00	0.00

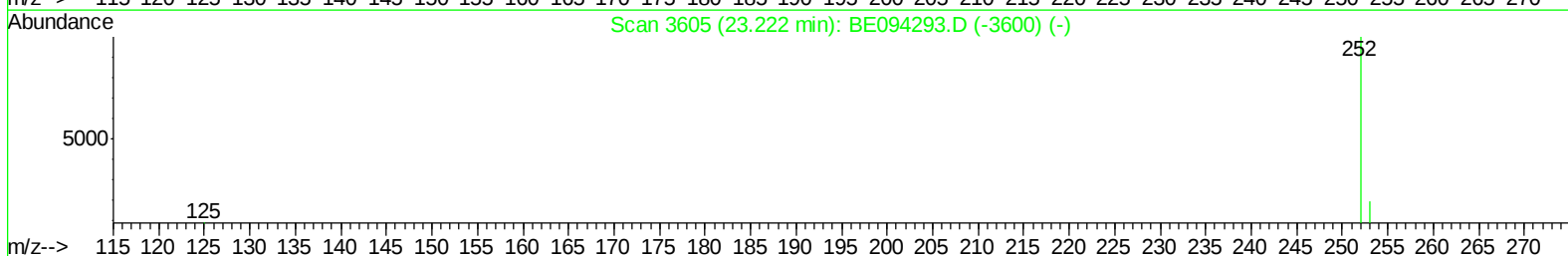
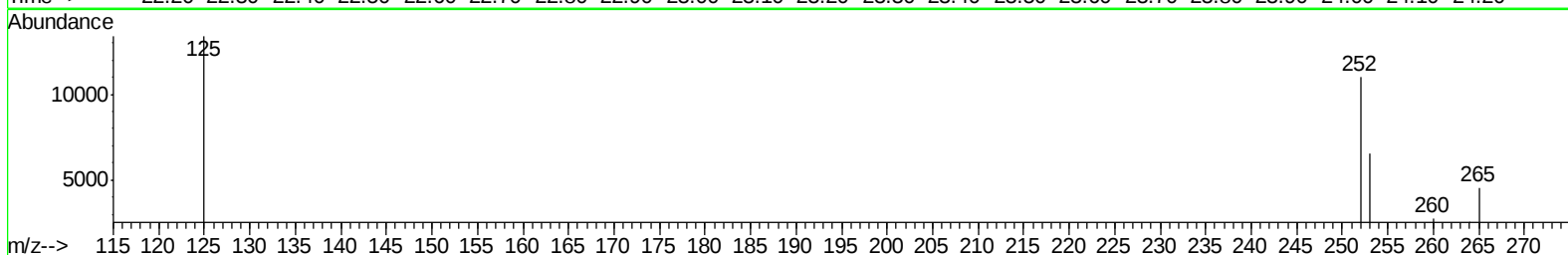
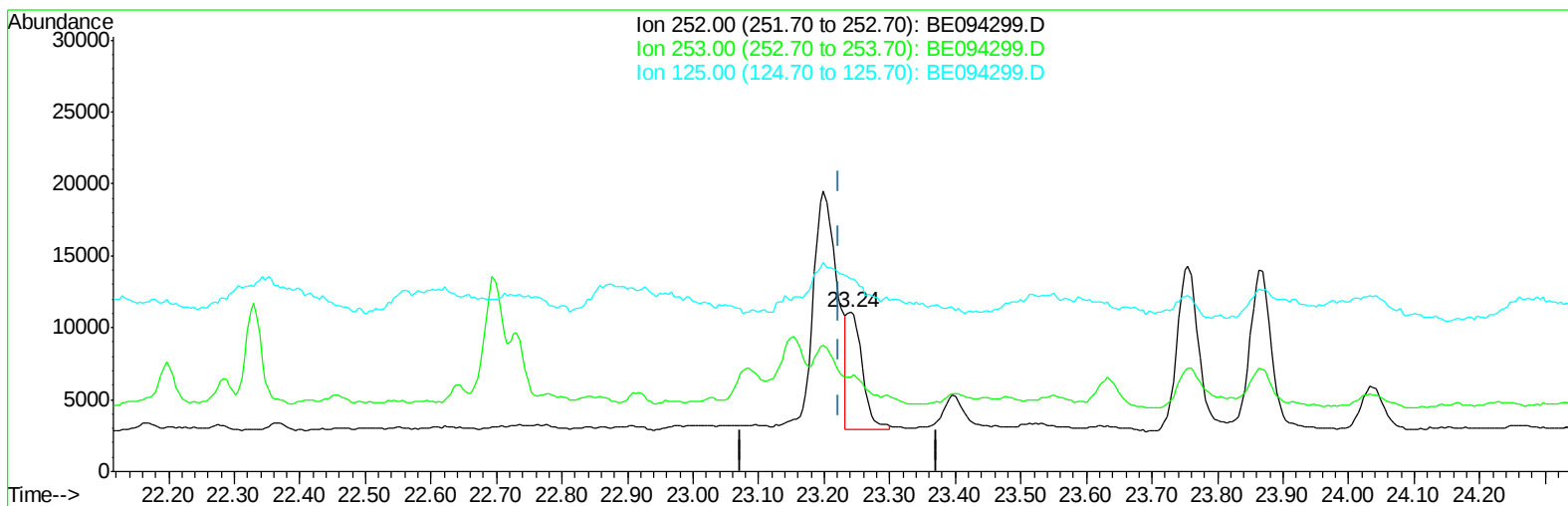
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094299.D
Acq On : 12 Oct 2017 3:16
Operator : SJ/JU
Sample : I5490-09DL 5X
Misc :
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Instrument :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



TIC: BE094299.D

(22) Benzo(k)fluoranthene

23.240min (+0.018) 0.41ng/ul m

response 13382

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	59.41#
125.00	17.10	121.19#
0.00	0.00	0.00

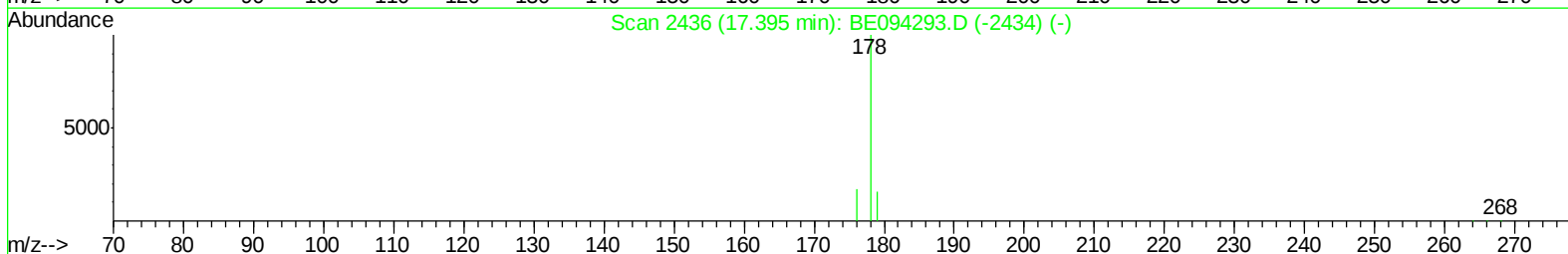
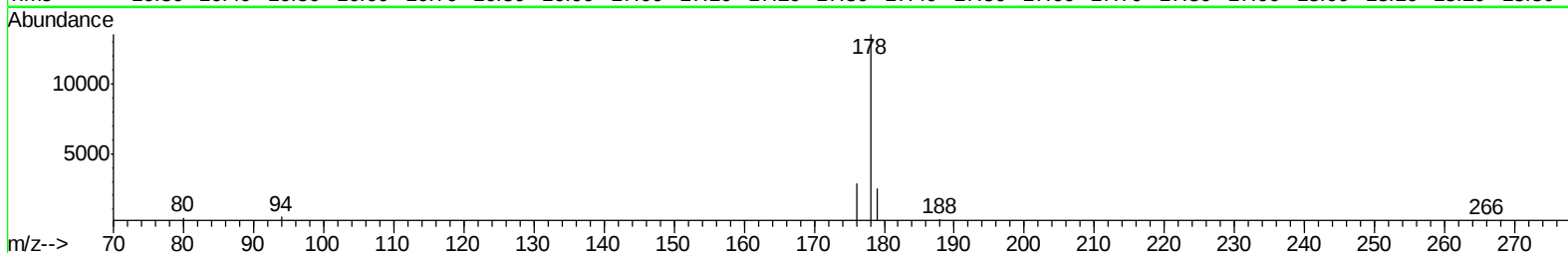
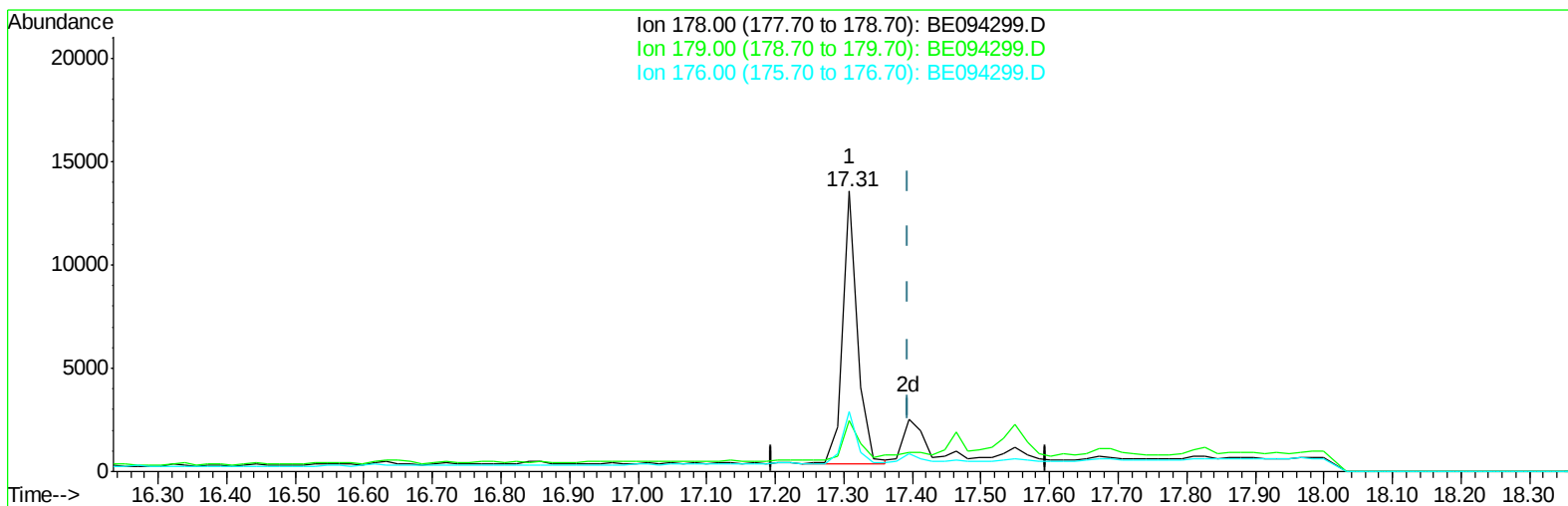
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094299.D
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Operator : SJ/JU
Sample : I5490-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717DL

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:02 PM

Quant Time: Oct 12 20:00:04 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



TIC: BE094299.D

(13) Anthracene

17.308min (-0.087) 0.81ng/ul

response 19846

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	18.23
176.00	18.40	21.37
0.00	0.00	0.00

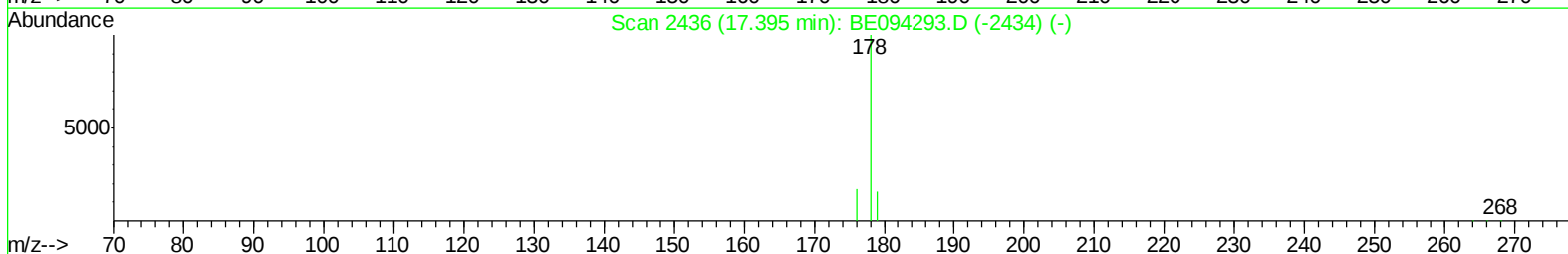
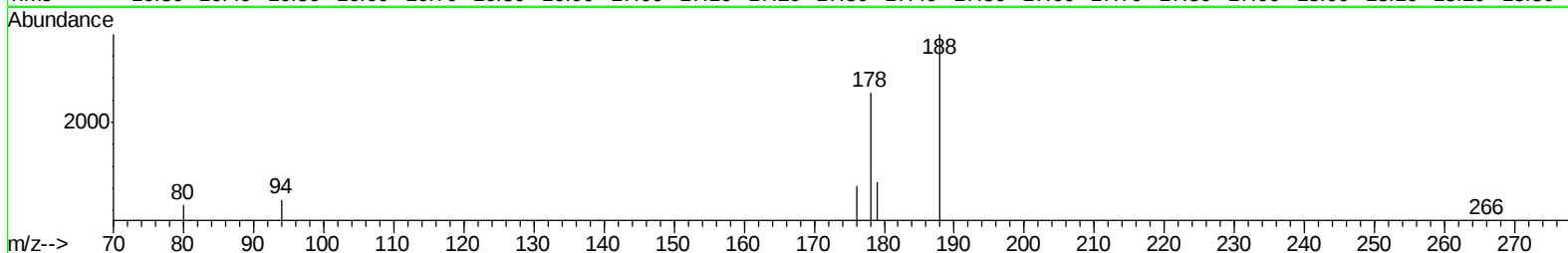
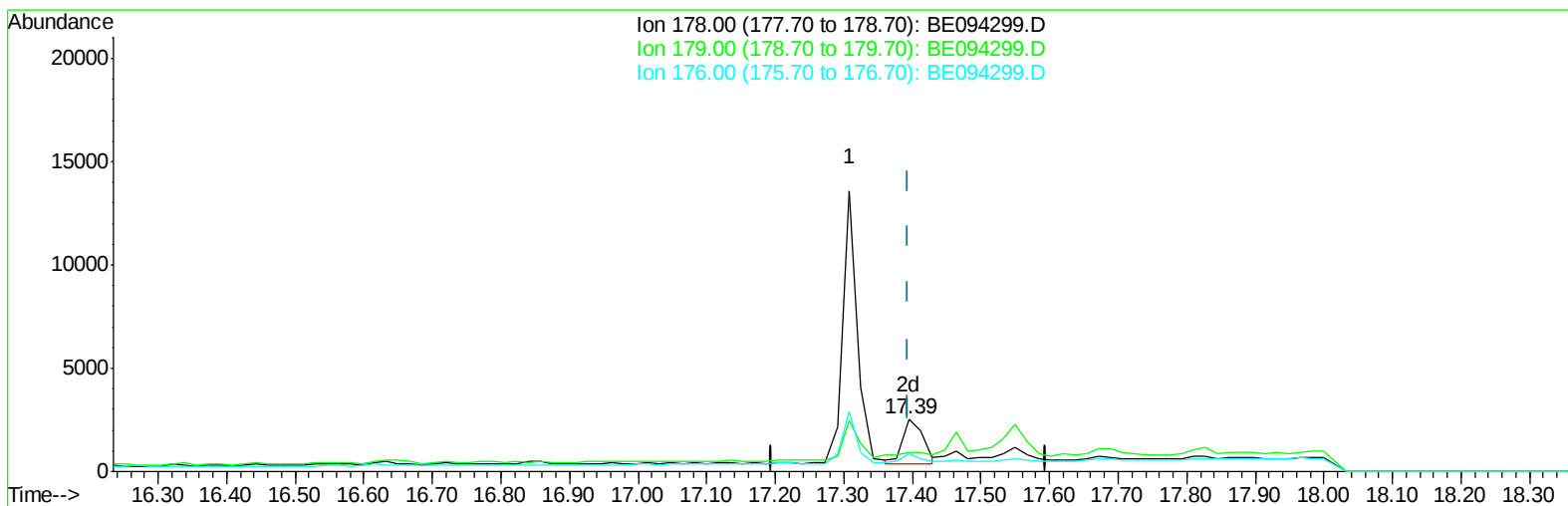
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094299.D
Acq On : 12 Oct 2017 3:16
Operator : SJ/JU
Sample : I5490-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717DL

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:02 PM

Quant Time: Oct 12 20:00:04 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



TIC: BE094299.D

(13) Anthracene

17.394min (-0.001) 0.19ng/ul m

response 4536

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	35.78#
176.00	18.40	33.57#
0.00	0.00	0.00

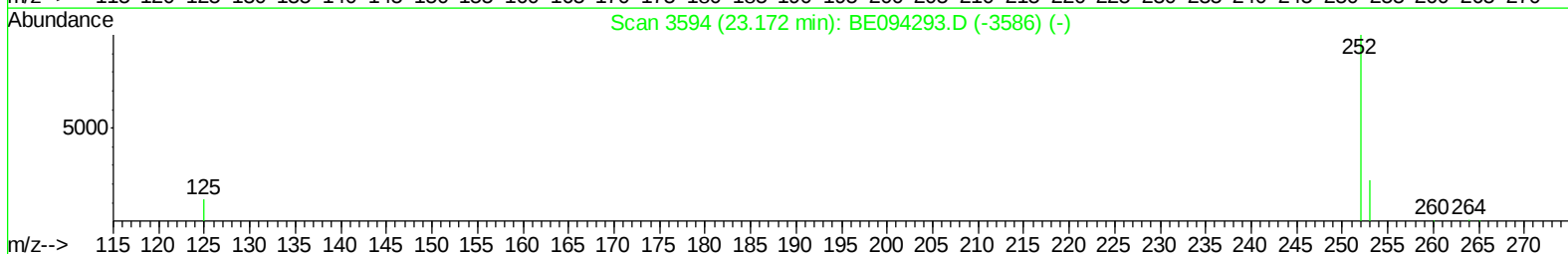
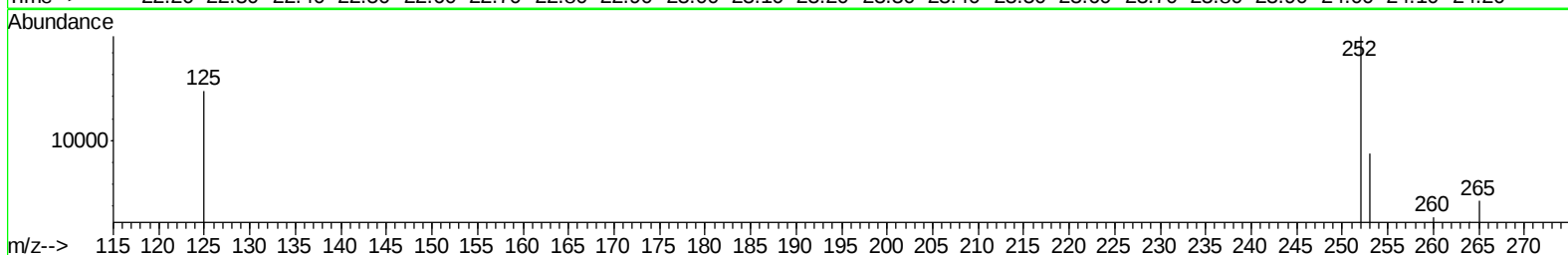
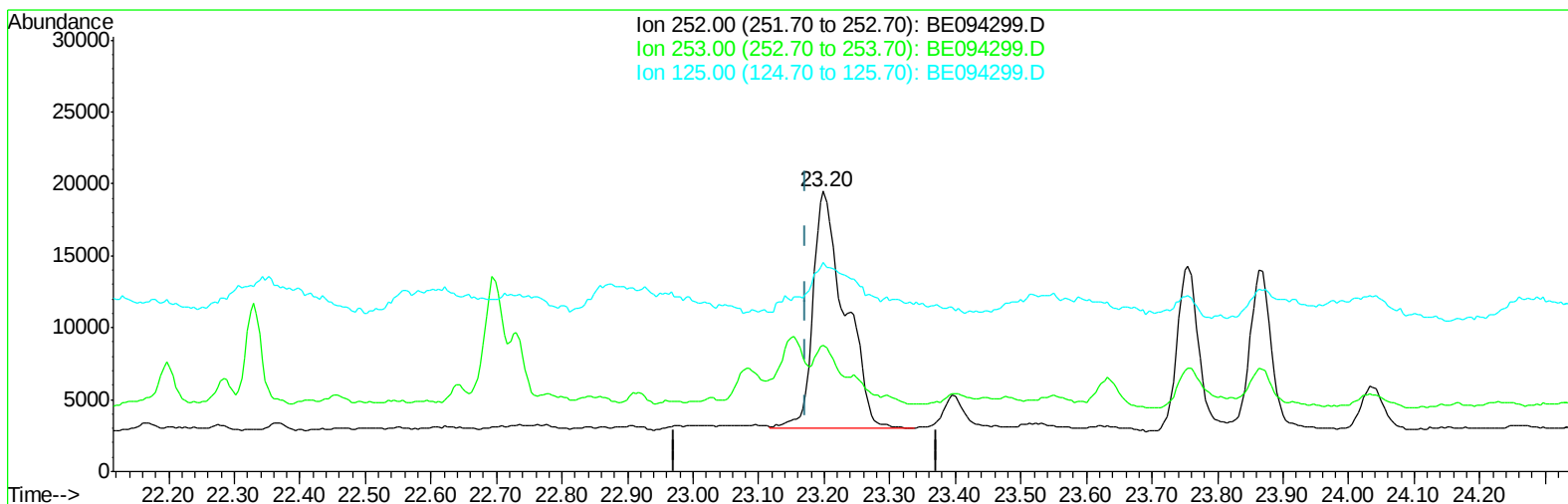
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094299.D
Acq On : 12 Oct 2017 3:16
Operator : SJ/JU
Sample : I5490-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717DL

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:02 PM

Quant Time: Oct 12 20:00:04 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



TIC: BE094299.D

(21) Benzo(b)fluoranthene
23.199min (+0.027) 1.96ng/ul
response 55525

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.01
125.00	17.50	74.42#
0.00	0.00	0.00

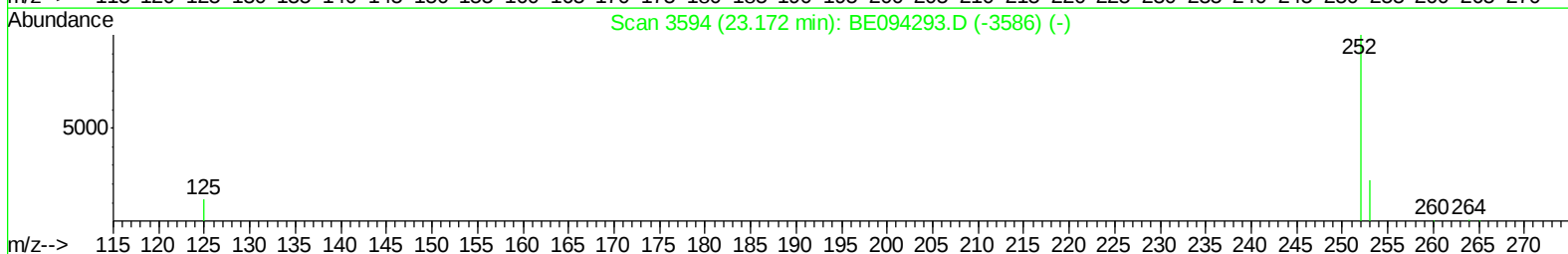
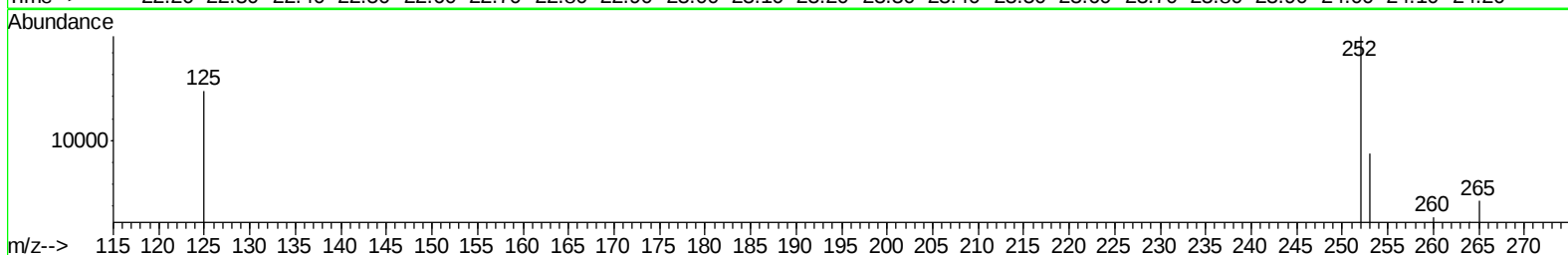
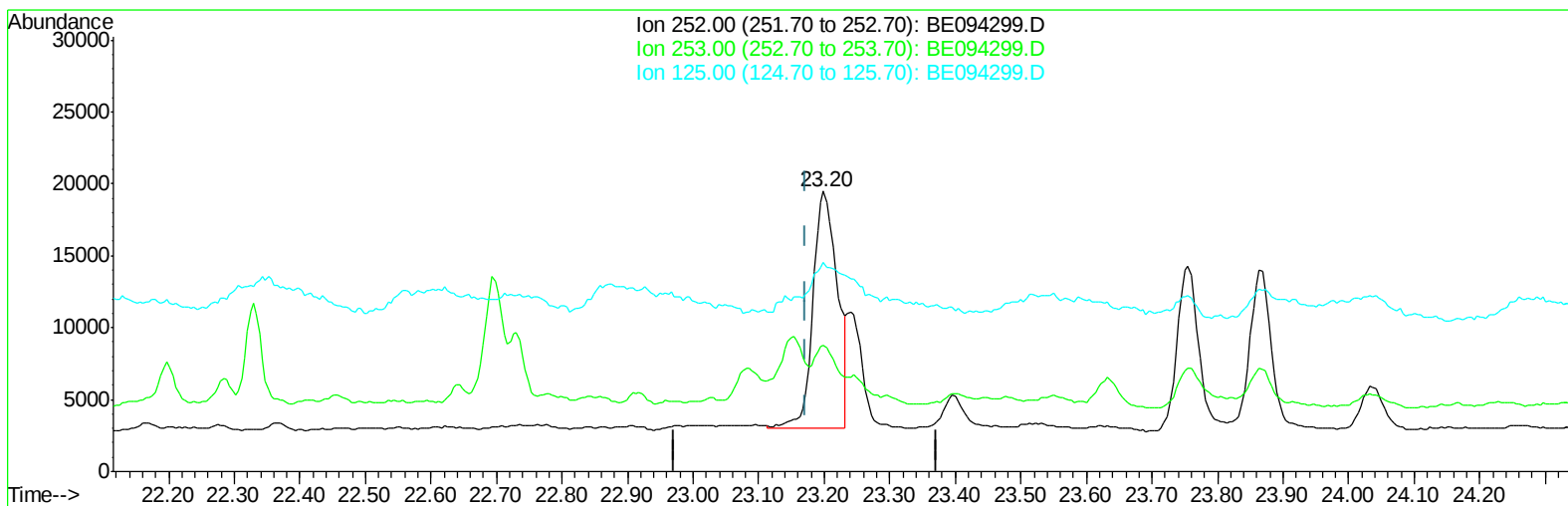
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094299.D
Acq On : 12 Oct 2017 3:16
Operator : SJ/JU
Sample : I5490-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717DL

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:02 PM

Quant Time: Oct 12 20:00:04 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



TIC: BE094299.D

(21) Benzo(b)fluoranthene

23.199min (+0.027) 1.49ng/ul m

response 42415

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.01
125.00	17.50	74.42#
0.00	0.00	0.00

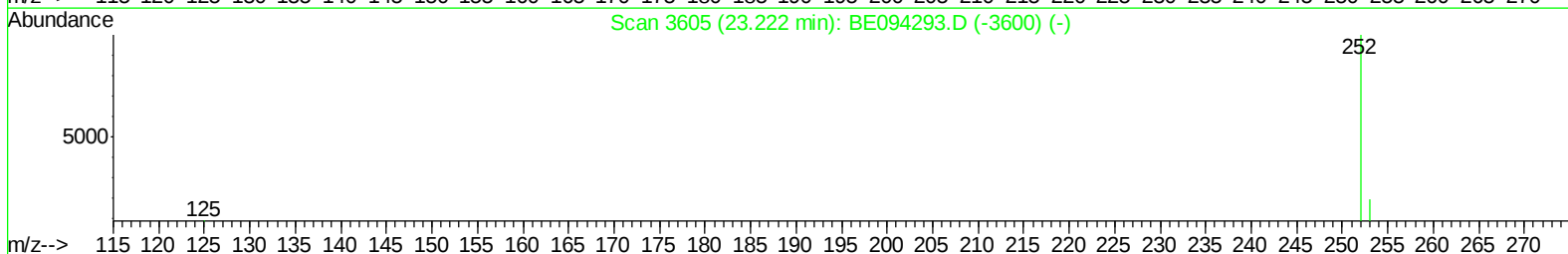
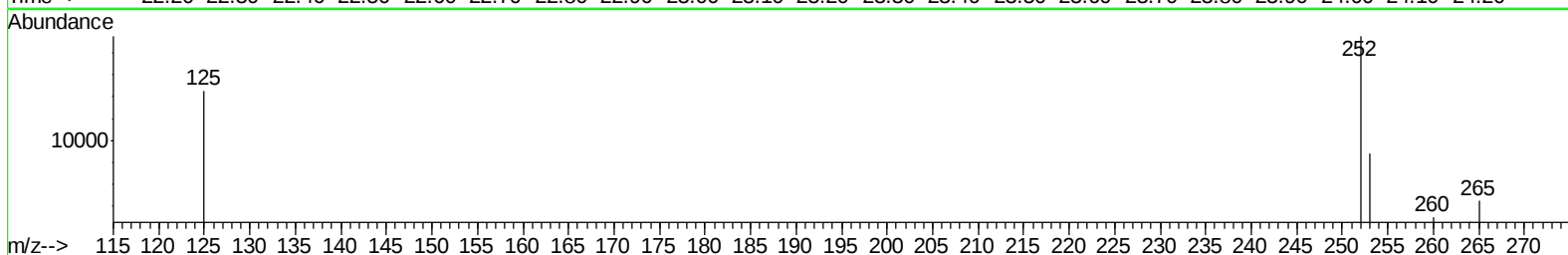
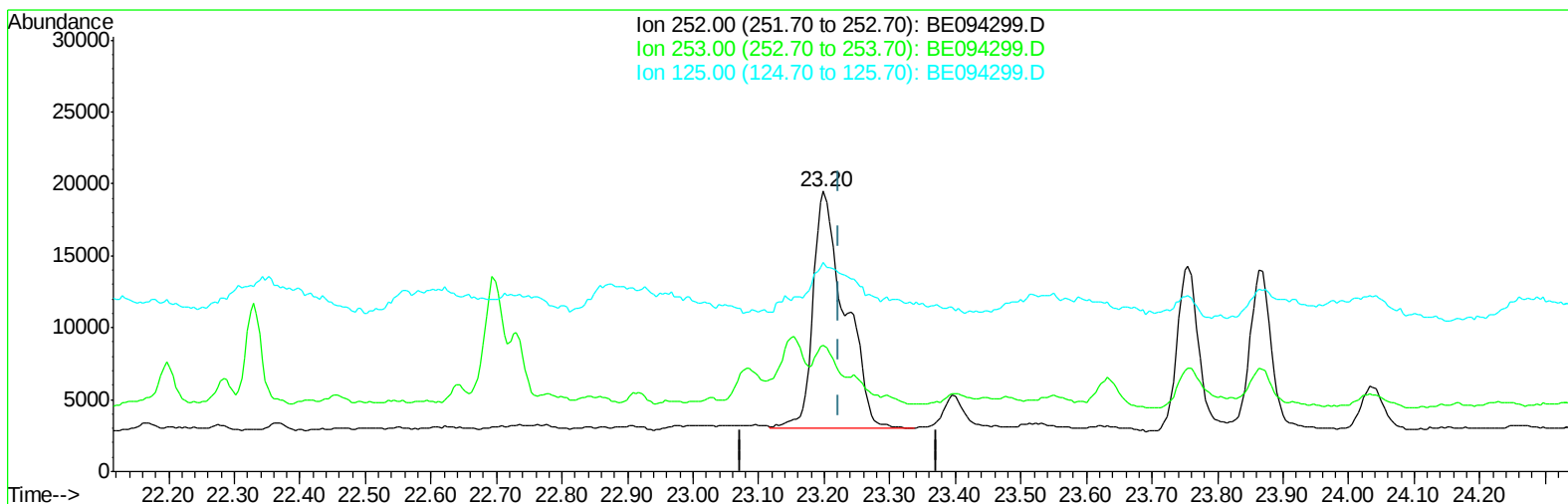
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094299.D
Acq On : 12 Oct 2017 3:16
Operator : SJ/JU
Sample : I5490-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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TIC: BE094299.D

(22) Benzo(k)fluoranthene
23.199min (-0.023) 1.69ng/ul
response 55525

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	45.01#
125.00	17.10	74.42#
0.00	0.00	0.00

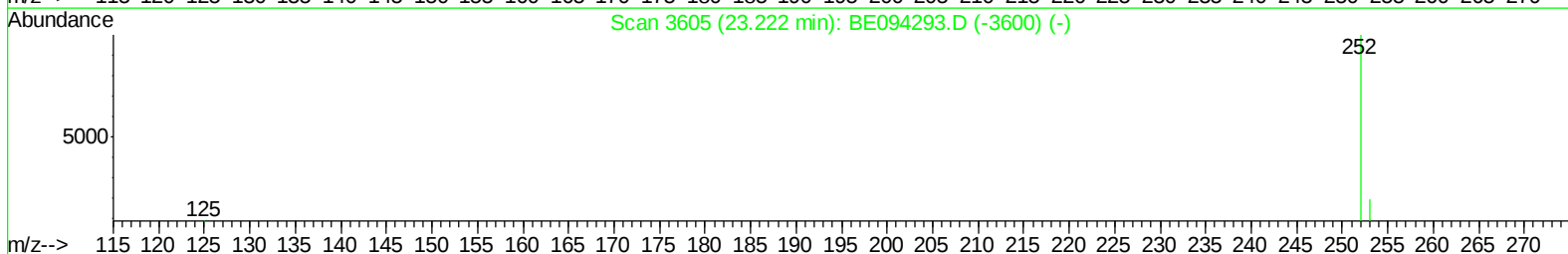
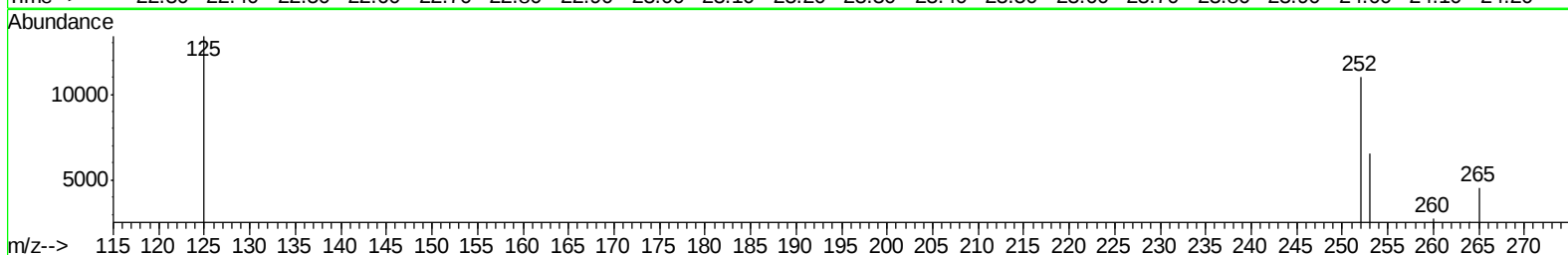
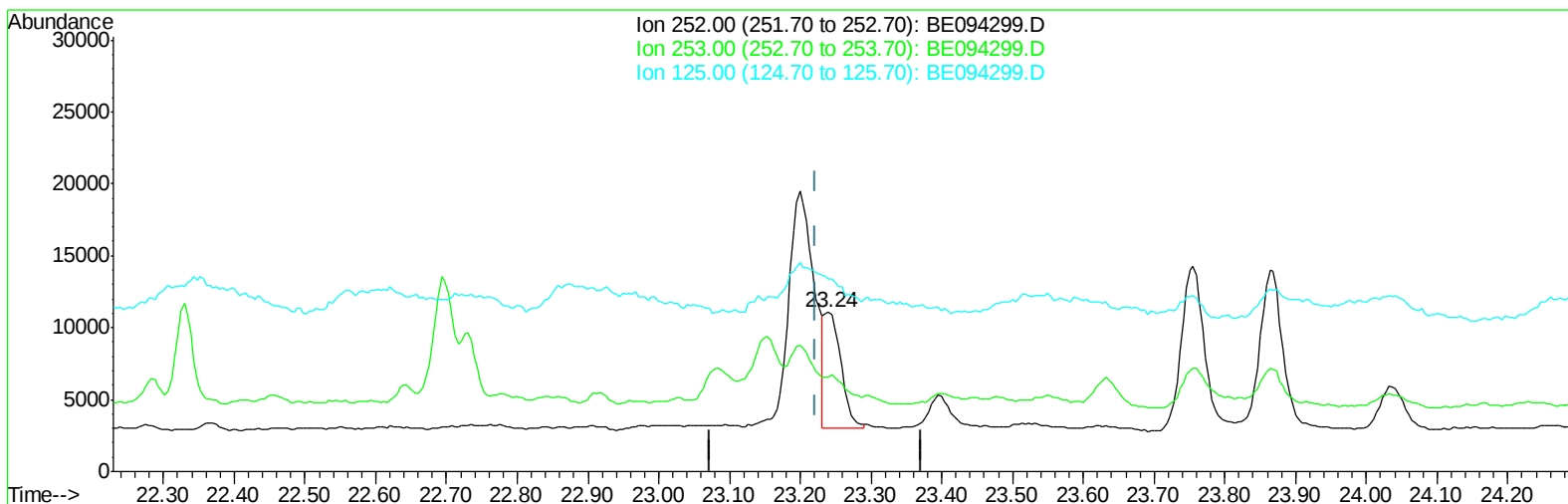
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
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Manual Integrations
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TIC: BE094299.D

(22) Benzo(k)fluoranthene

23.240min (+0.018) 0.40ng/ul m

response 13102

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	59.41#
125.00	17.10	121.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
 Data File : BE094299.D
 Acq On : 12 Oct 2017 3:16
 Operator : SJ/JU
 Sample : I5490-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-58(1-2)-092717DL

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:02 PM

Quant Time: Oct 12 20:02:57 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	1638	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8123	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4516	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9606	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9946	0.40	ng/ul	0.01
20) Perylene-d12	23.98	264	10450	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	753	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1765	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	40549	2.038	ng/ul#	91
5) 2-Methylnaphthalene	12.37	142	13218	1.024	ng/ul	98
7) Acenaphthylene	14.26	152	1414	0.080	ng/ul#	77
8) Acenaphthene	14.60	153	581	0.040	ng/ul#	86
9) Fluorene	15.58	166	848	0.050	ng/ul#	52
12) Phenanthrene	17.31	178	19846	0.791	ng/ul#	90
13) Anthracene	17.39	178	4536m	0.186	ng/ul	
15) Fluoranthene	19.33	202	43759	1.327	ng/ul	83
17) Pyrene	19.69	202	42642	1.541	ng/ul#	85
18) Benzo(a)anthracene	21.42	228	25832	0.979	ng/ul#	66
19) Chrysene	21.48	228	39260	1.288	ng/ul#	71
21) Benzo(b)fluoranthene	23.20	252	42415m	1.494	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	13102m	0.399	ng/ul	
23) Benzo(a)pyrene	23.86	252	25784	0.874	ng/ul#	29
24) Indeno(1,2,3-cd)pyrene	26.68	276	15134	0.502	ng/ul#	91
26) Benzo(g,h,i)perylene	27.53	276	13670	0.525	ng/ul#	27

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

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 12 20:02:57 2017
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