

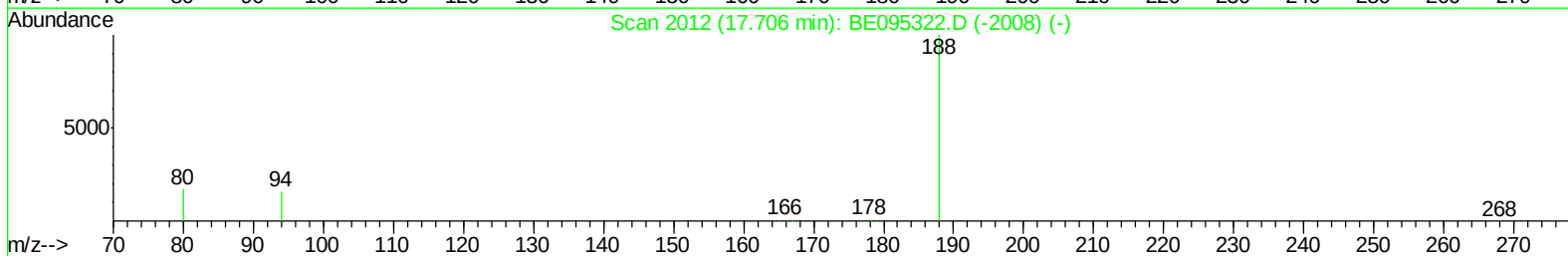
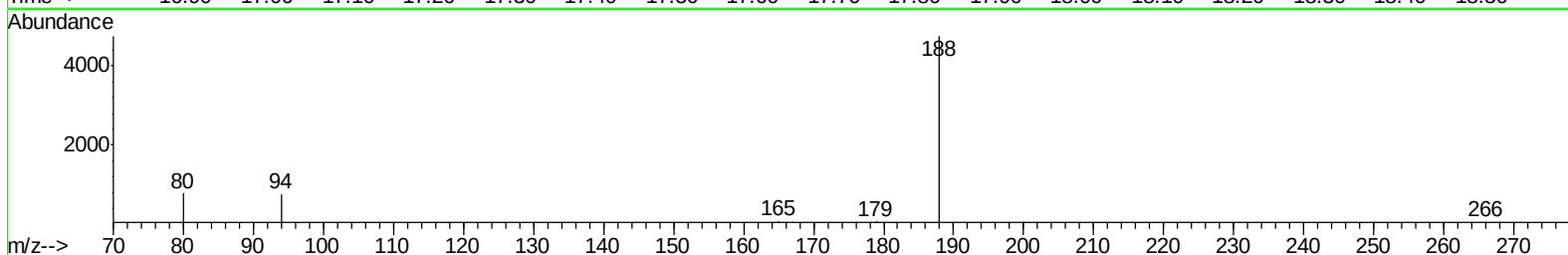
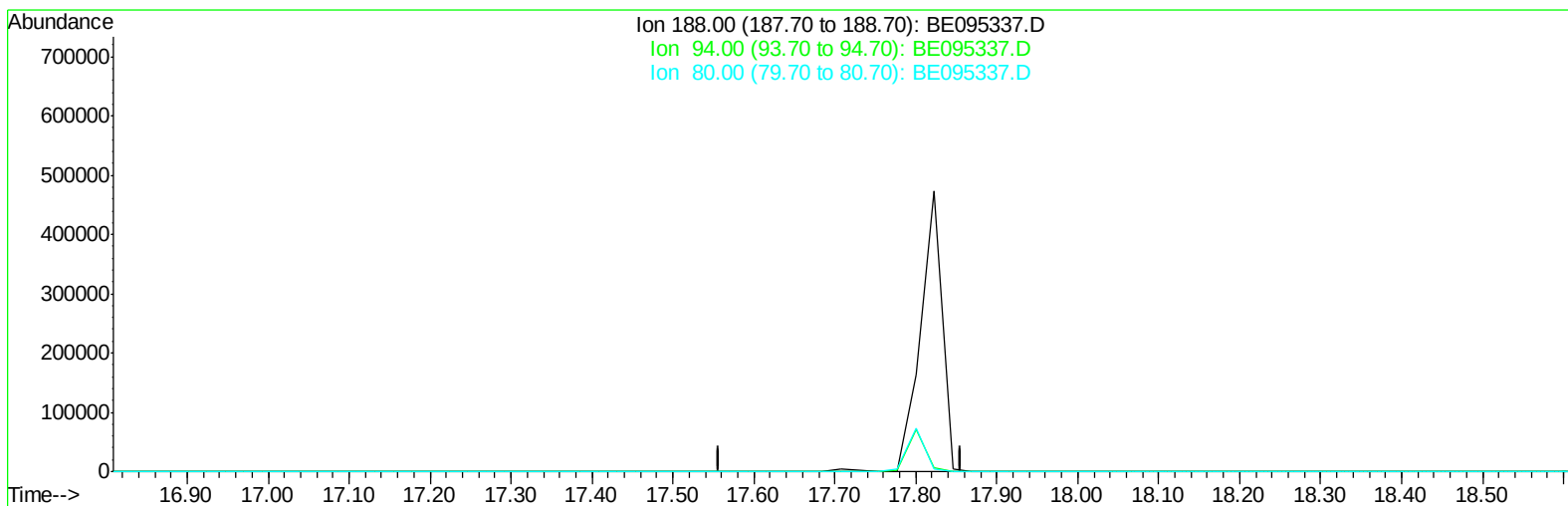
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 04:07:43 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

(10) Phenanthrene-d10 (I)

17.706min (-17.706) 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

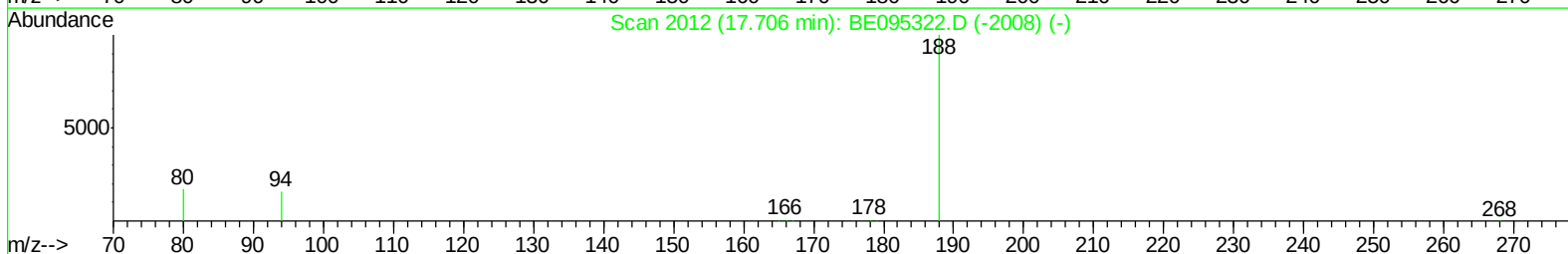
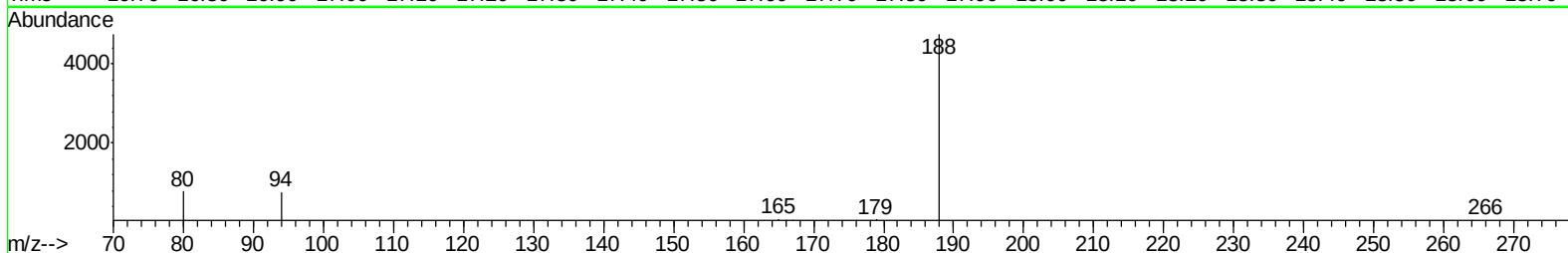
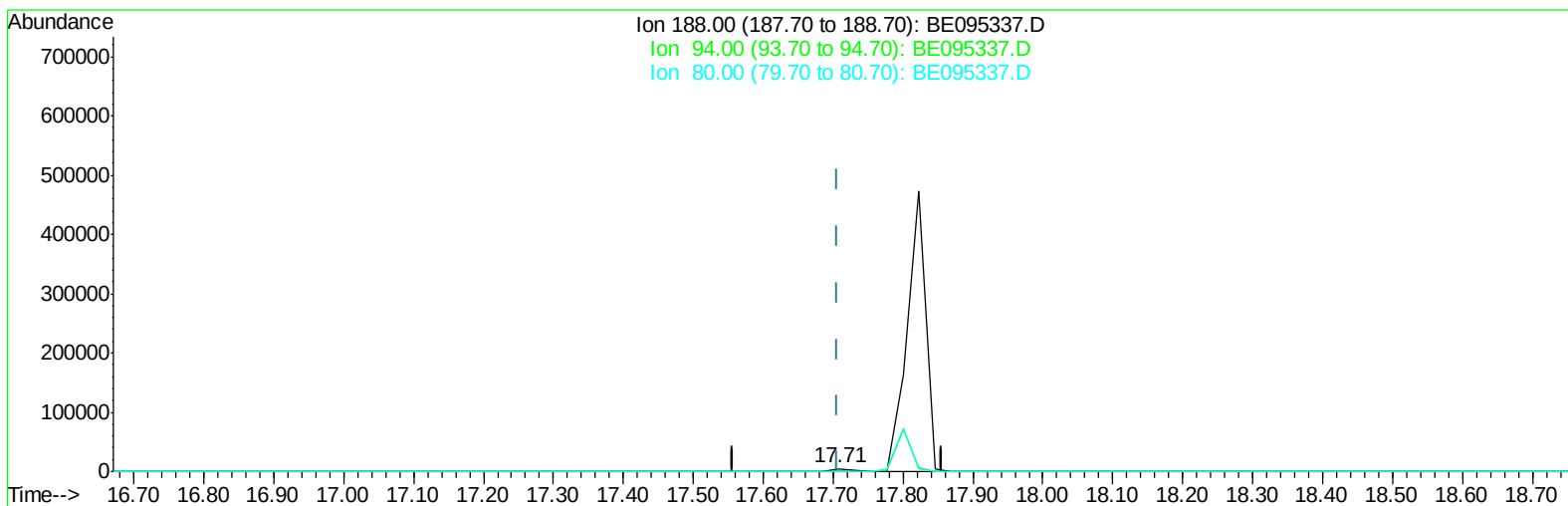
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 04:07:43 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

(10) Phenanthrene-d10 (I)

17.707min (+0.001) 0.40ng/ul m

response 9792

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.34#
80.00	11.80	16.66#
0.00	0.00	0.00

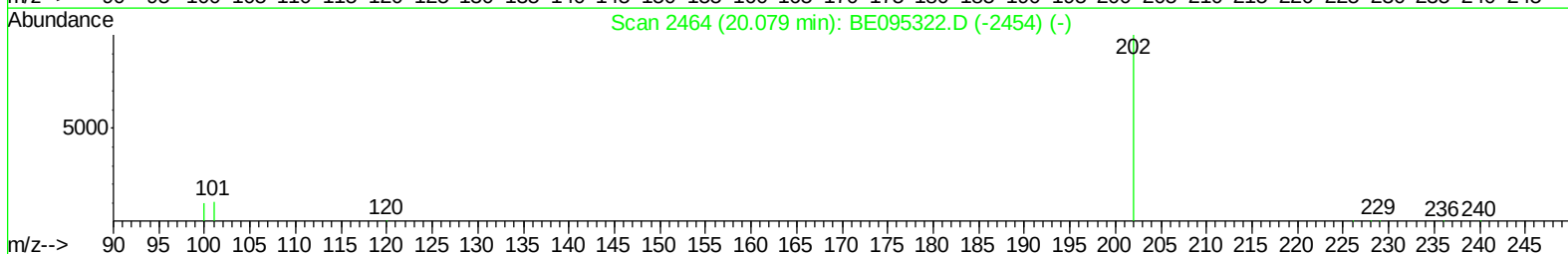
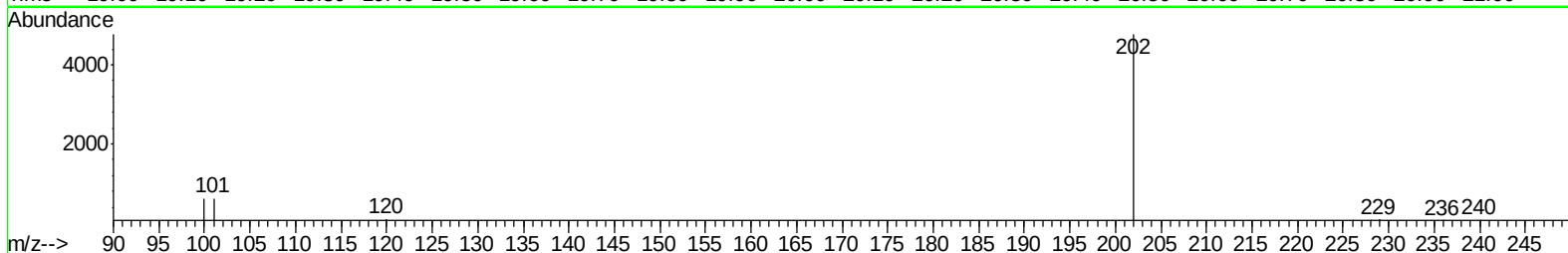
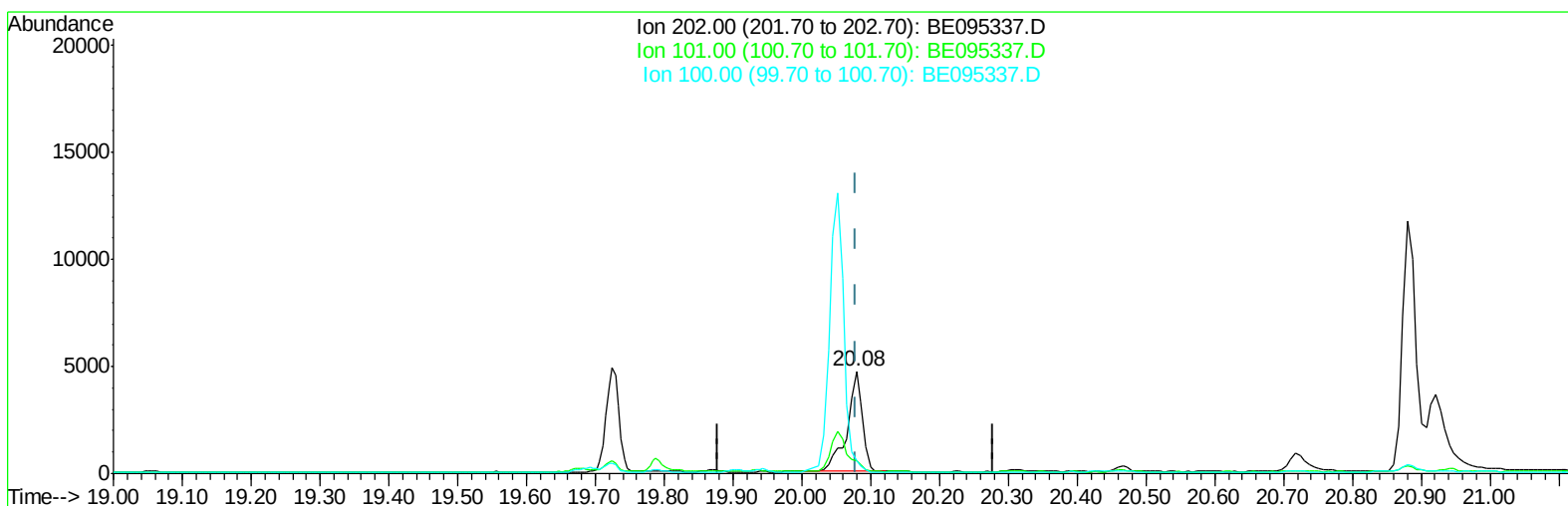
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:02:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

(17) Pyrene

20.079min (-0.000) 0.26ng/ul

response 8681

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	13.03#
100.00	19.50	12.75#
0.00	0.00	0.00

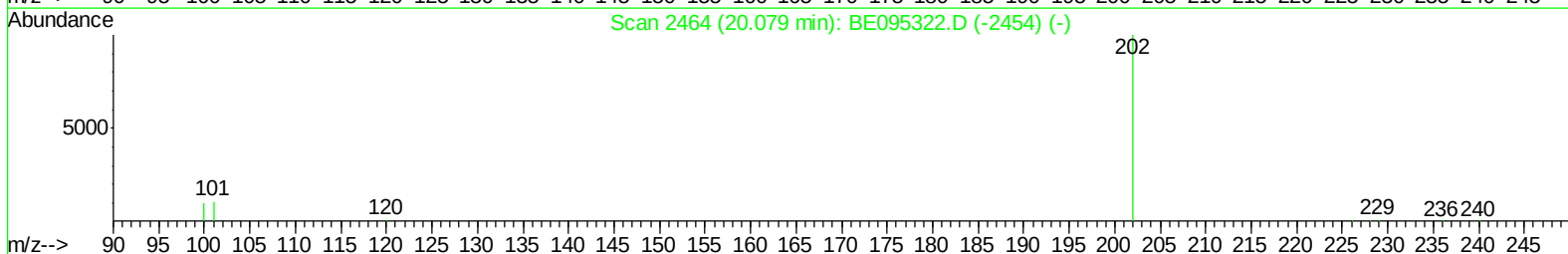
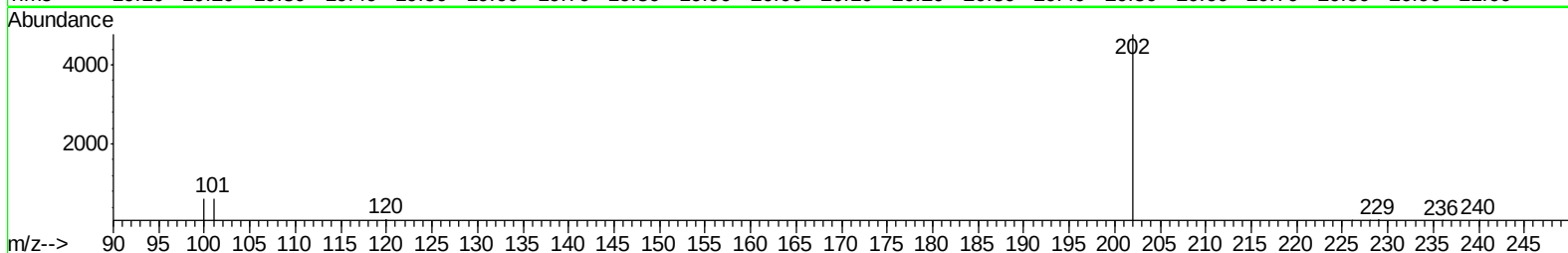
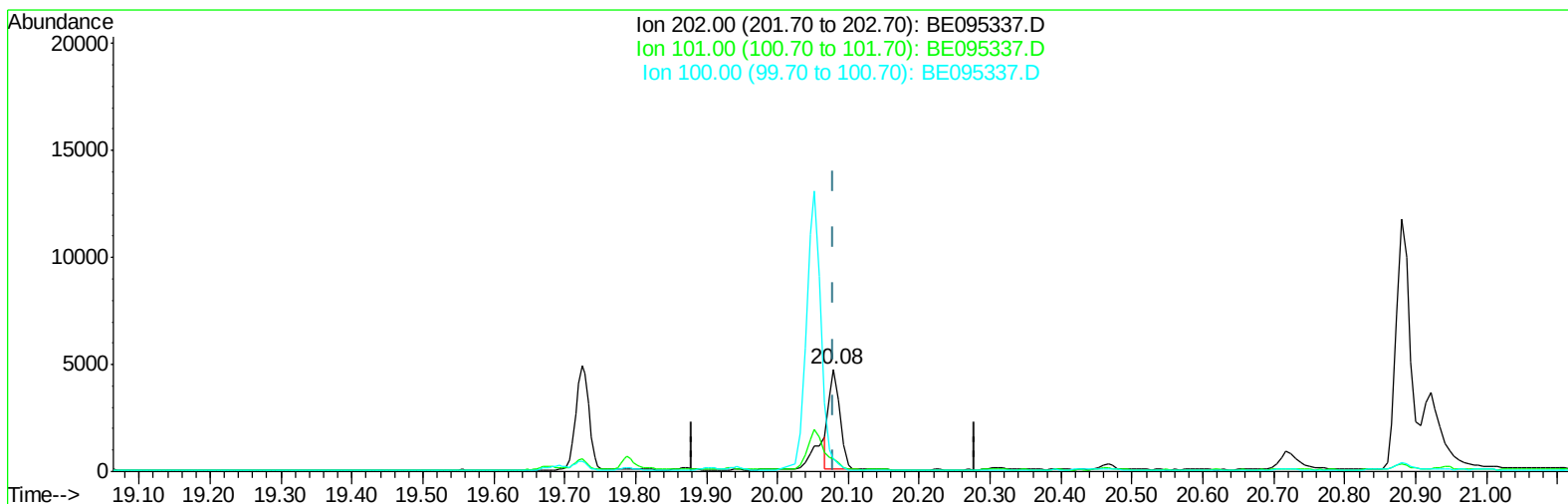
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:02:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

(17) Pyrene

20.079min (-0.000) 0.16ng/ul m

response 5177

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	13.03#
100.00	19.50	12.75#
0.00	0.00	0.00

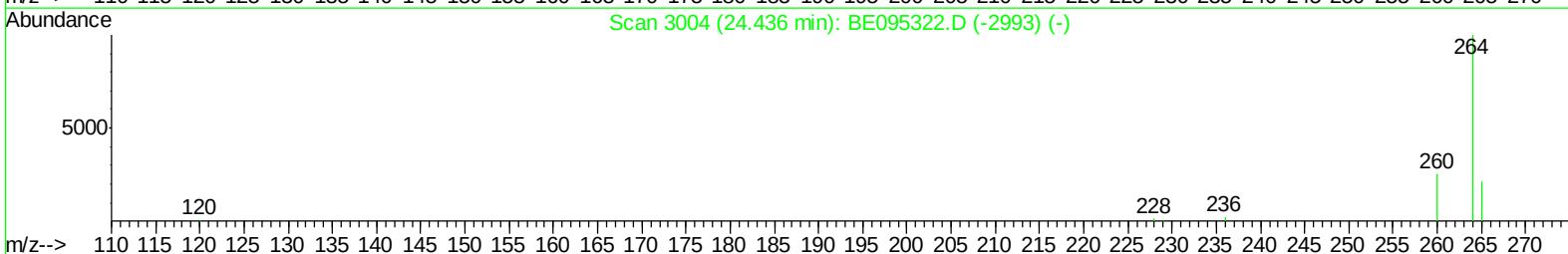
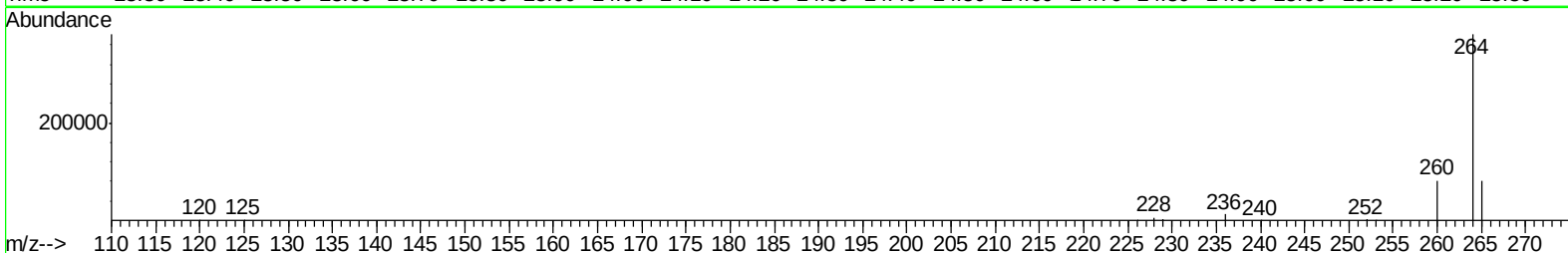
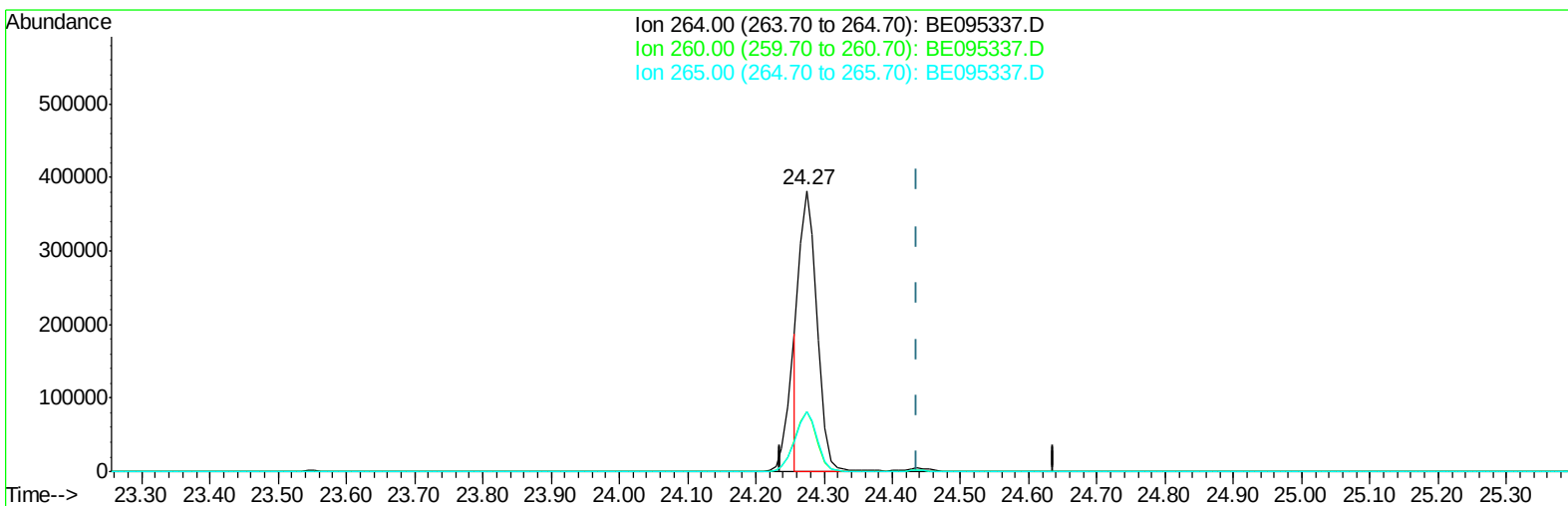
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:02:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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TIC: BE095337.D

(20) Perylene-d12 (I)

24.274min (-0.162) 0.40ng/ul

response 687546

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.38#
265.00	103.50	21.29#
0.00	0.00	0.00

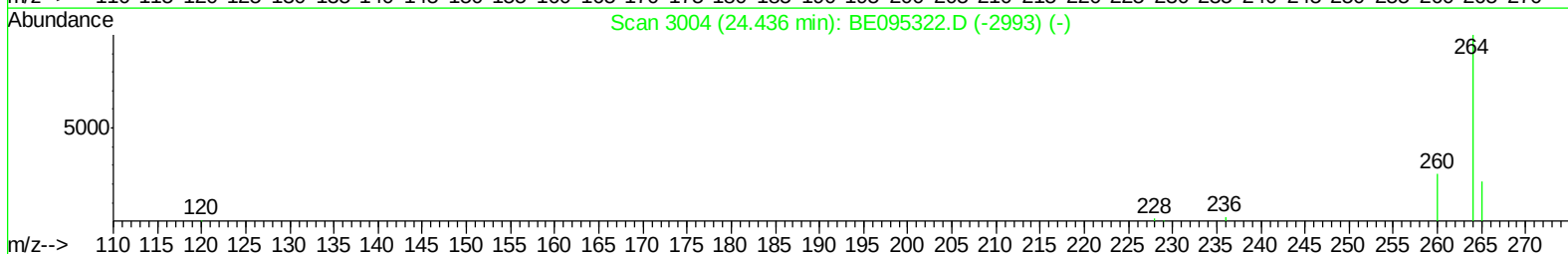
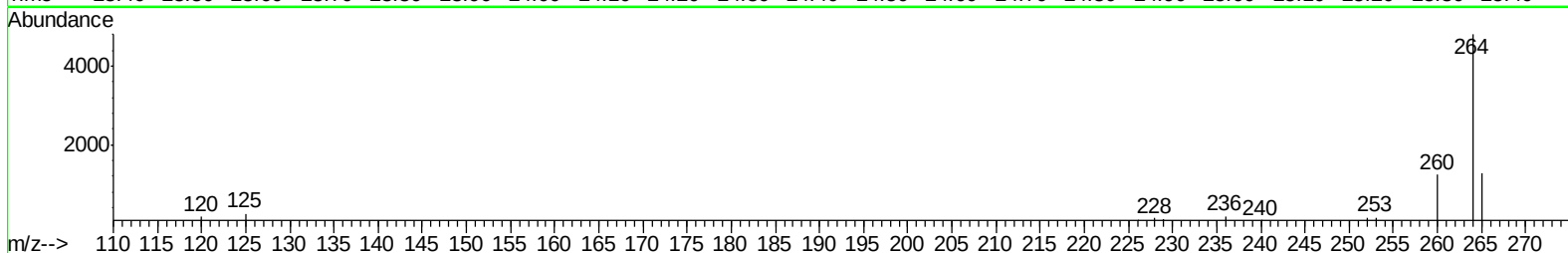
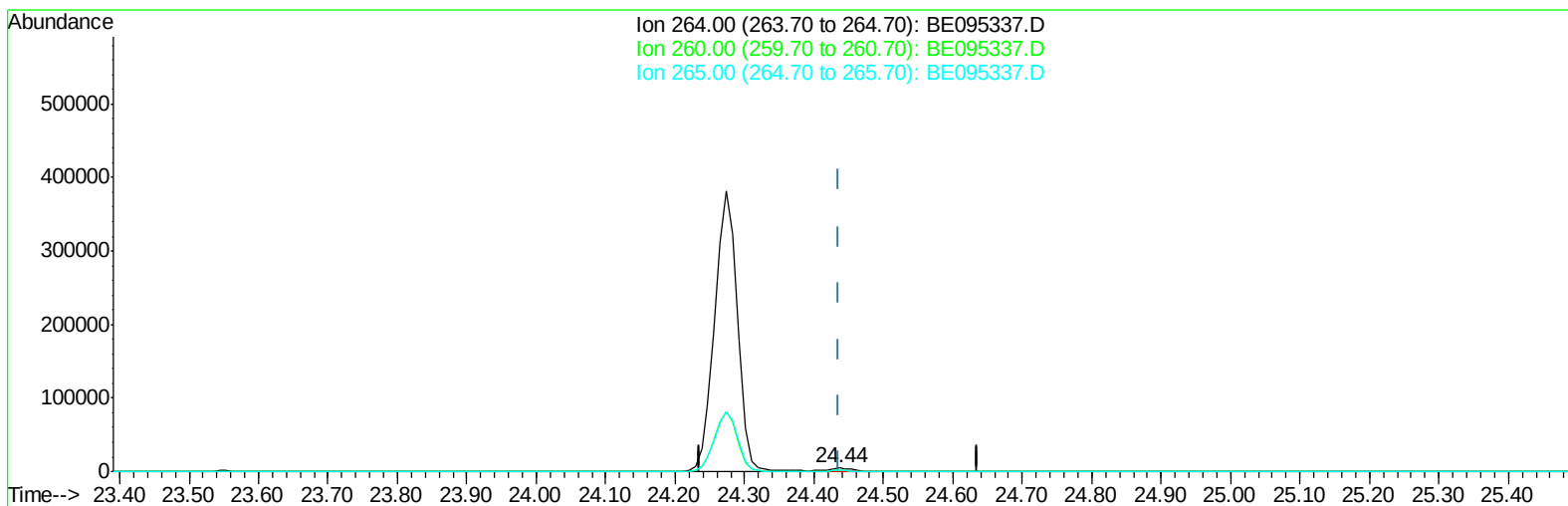
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:02:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

(20) Perylene-d12 (I)

24.436min (+0.000) 0.40ng/ul m

response 9018

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.72
265.00	103.50	26.61#
0.00	0.00	0.00

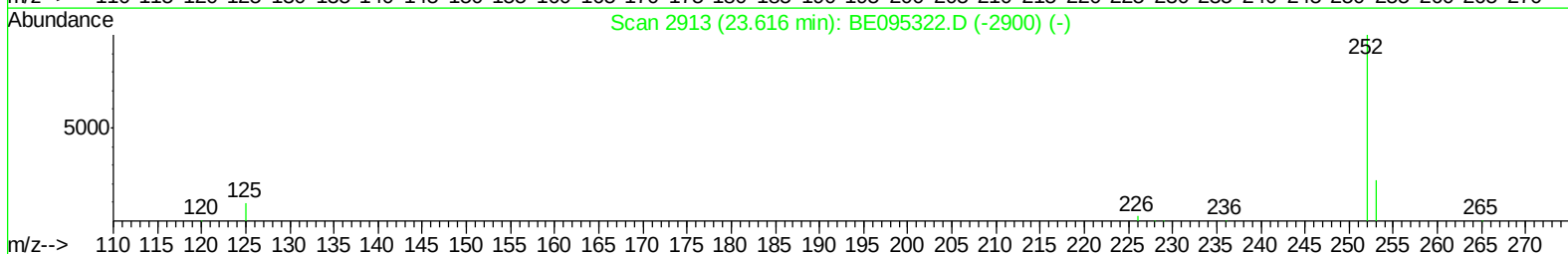
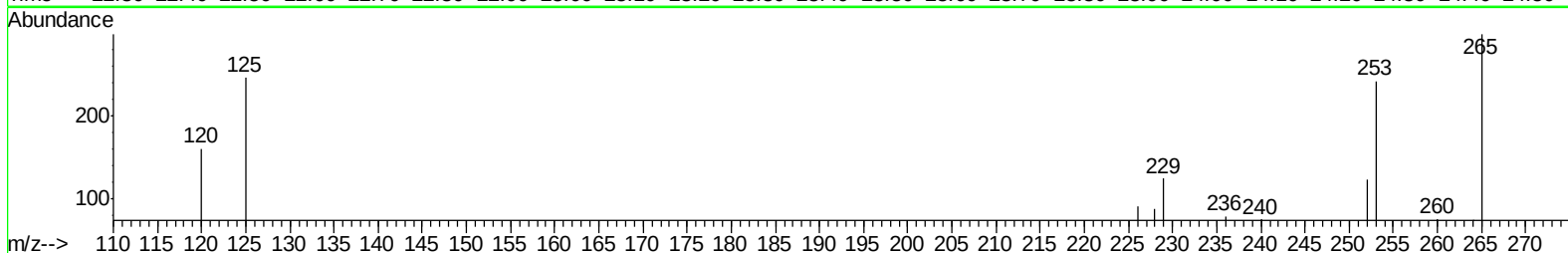
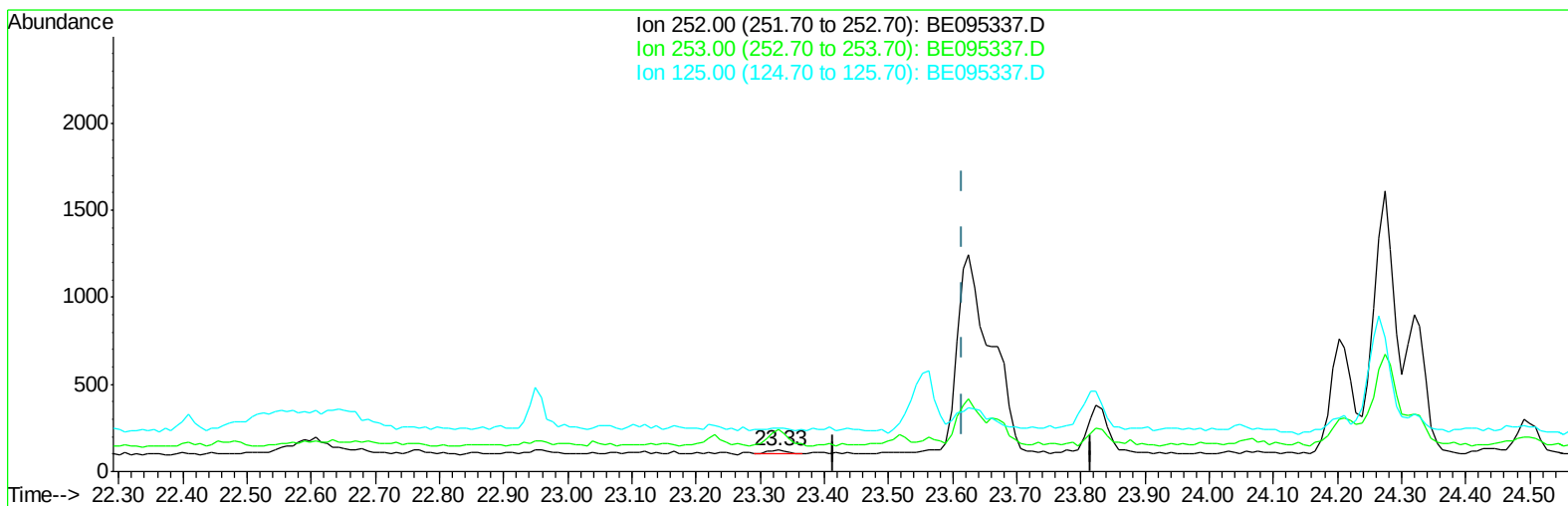
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:05:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

(21) Benzo(b)fluoranthene

23.328min (-0.288) 0.00ng/ul

response 51

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	196.75#
125.00	17.50	200.00#
0.00	0.00	0.00

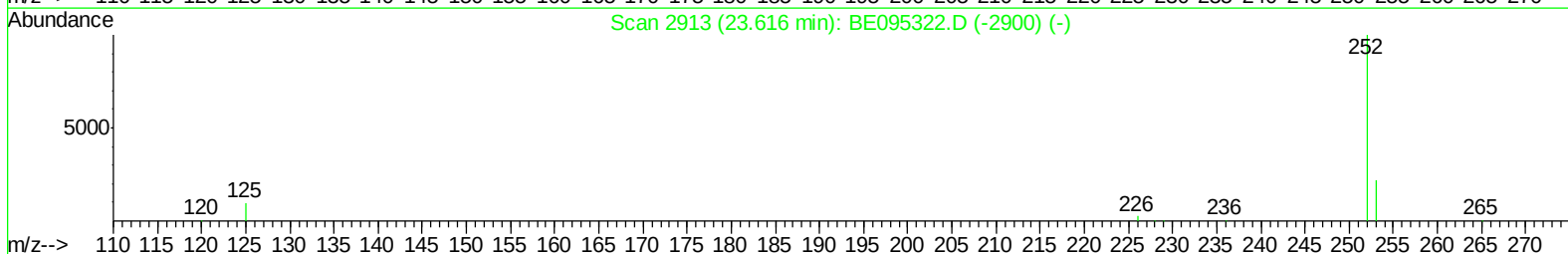
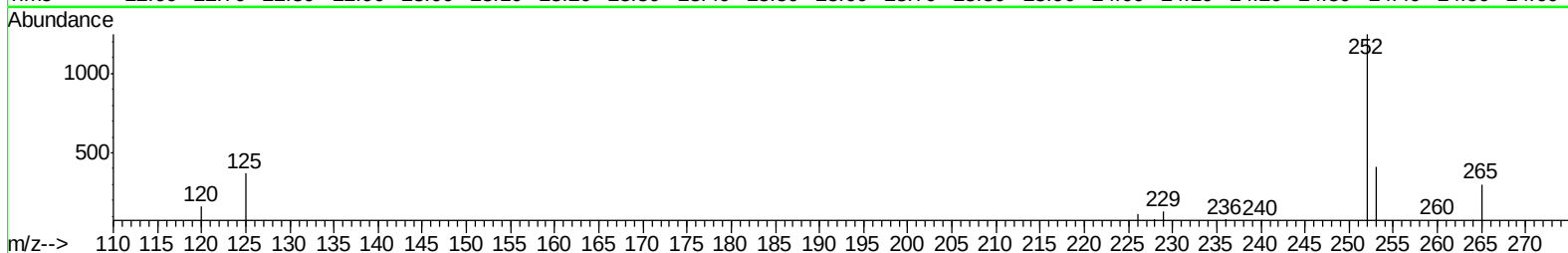
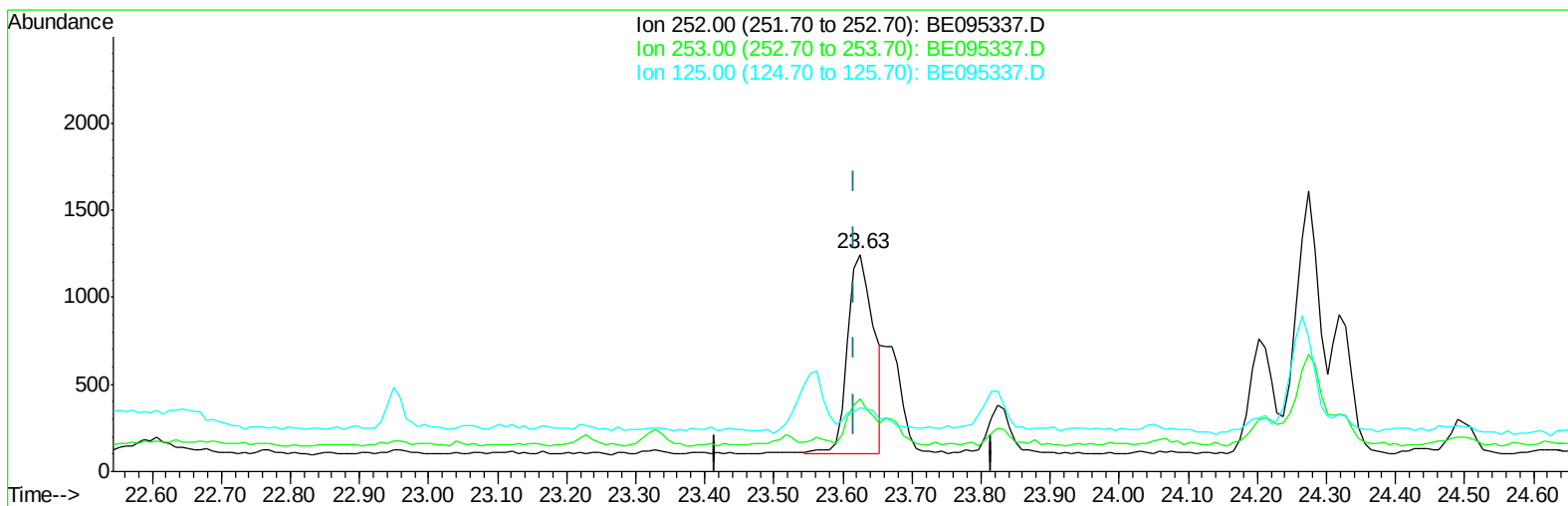
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:05:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

(21) Benzo(b)fluoranthene

23.625min (+0.009) 0.09ng/ul m

response 2991

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.25
125.00	17.50	29.56
0.00	0.00	0.00

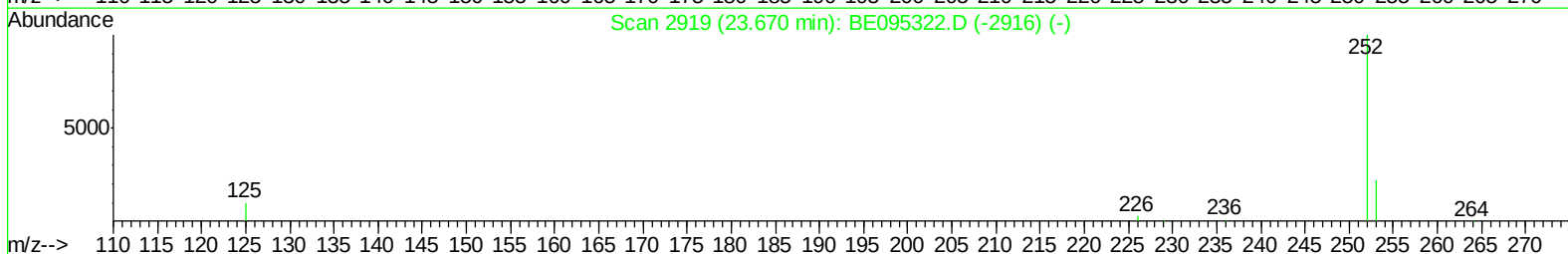
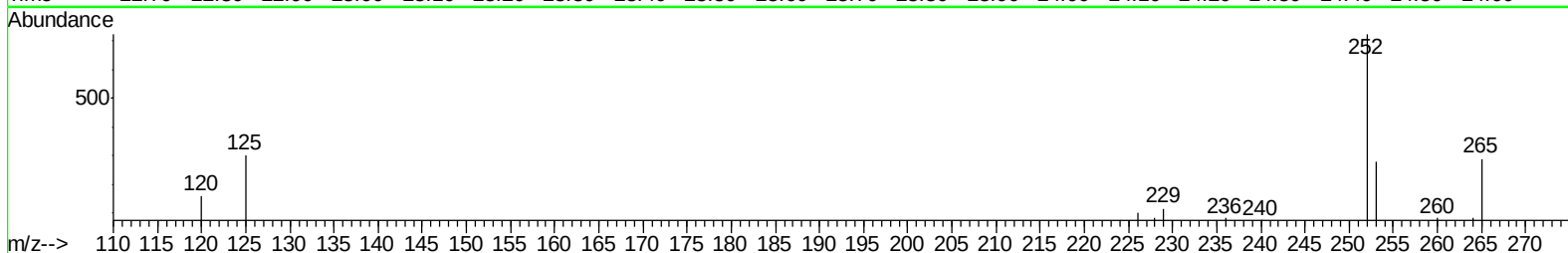
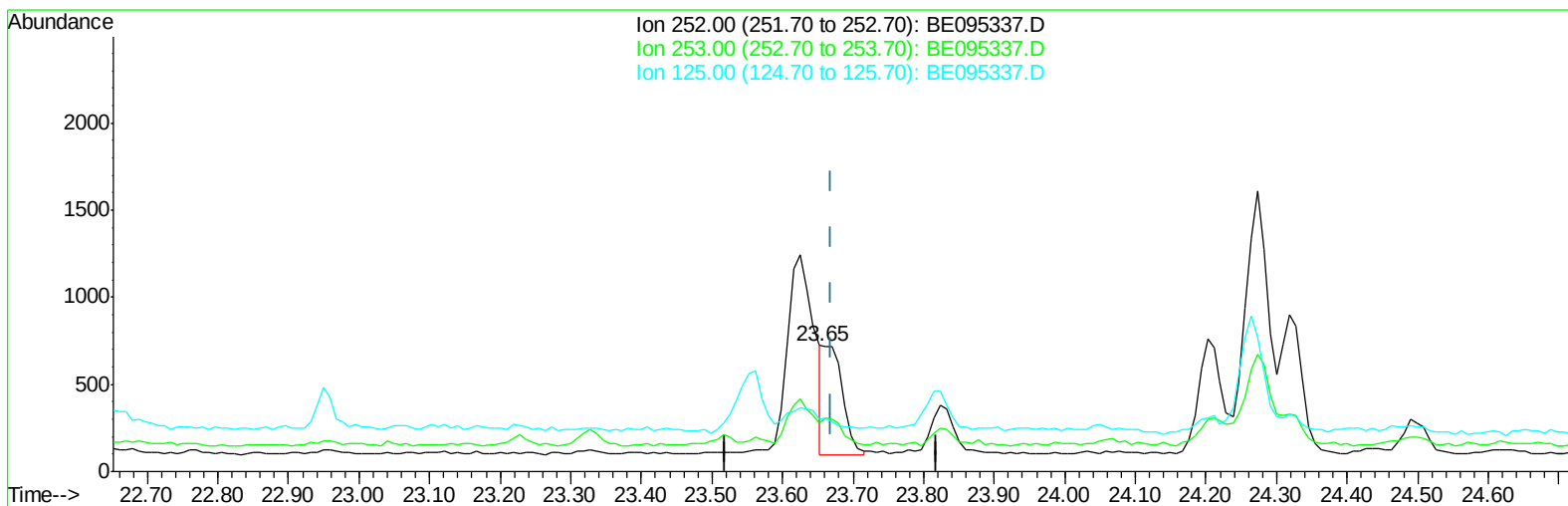
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:05:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

(22) Benzo(k)fluoranthene

23.652min (-0.018) 0.04ng/ul m

response 1187

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	38.64#
125.00	17.10	41.83#
0.00	0.00	0.00

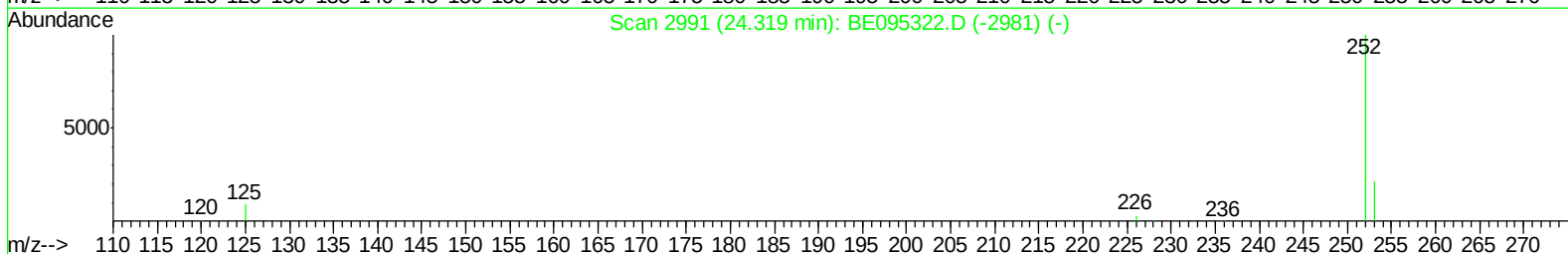
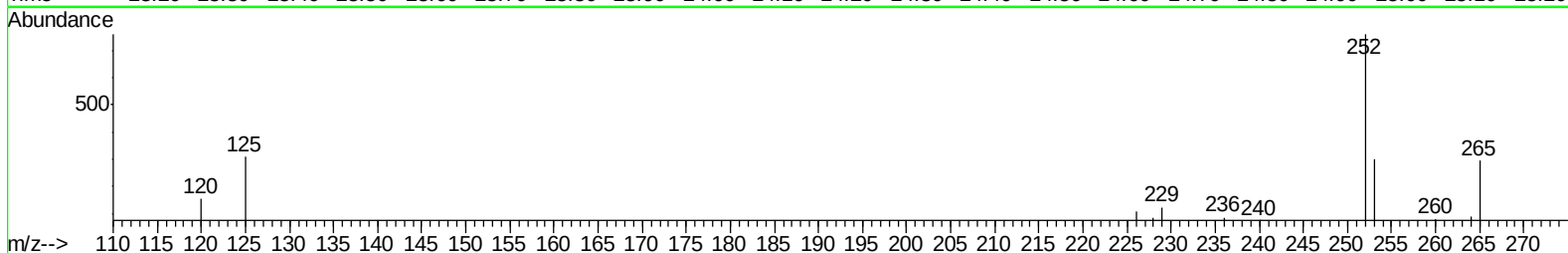
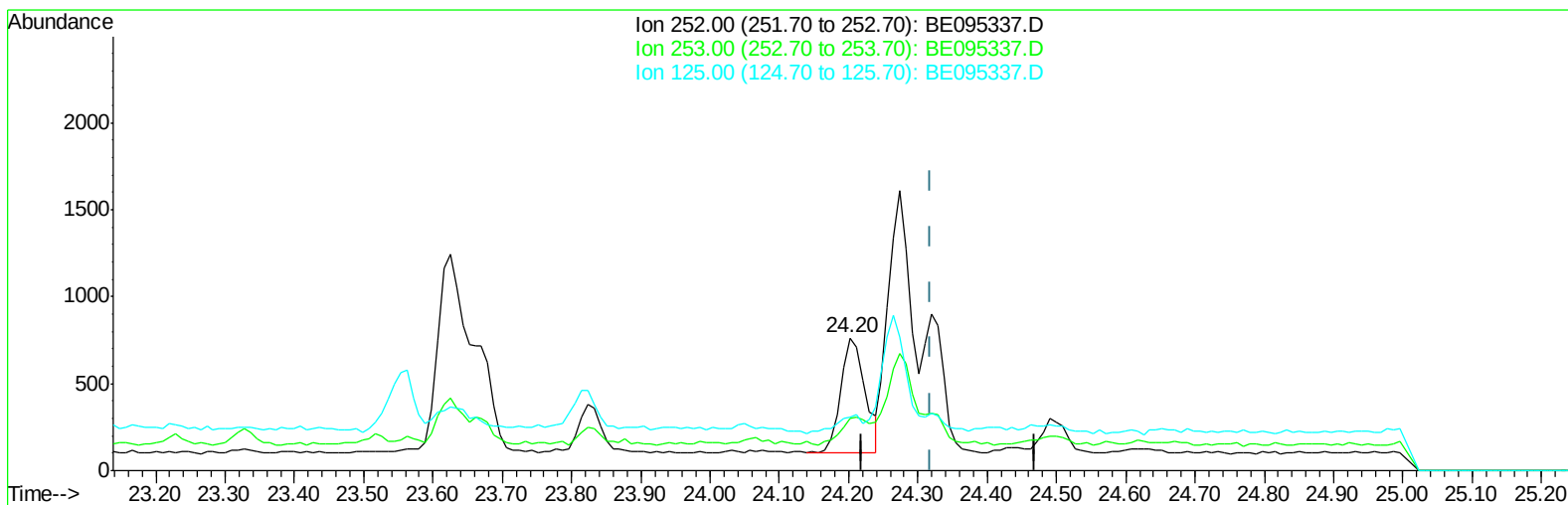
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:05:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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TIC: BE095337.D

(23) Benzo(a)pyrene (C)

24.202min (-0.117) 0.06ng/ul

response 1592

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.68
125.00	22.60	40.60#
0.00	0.00	0.00

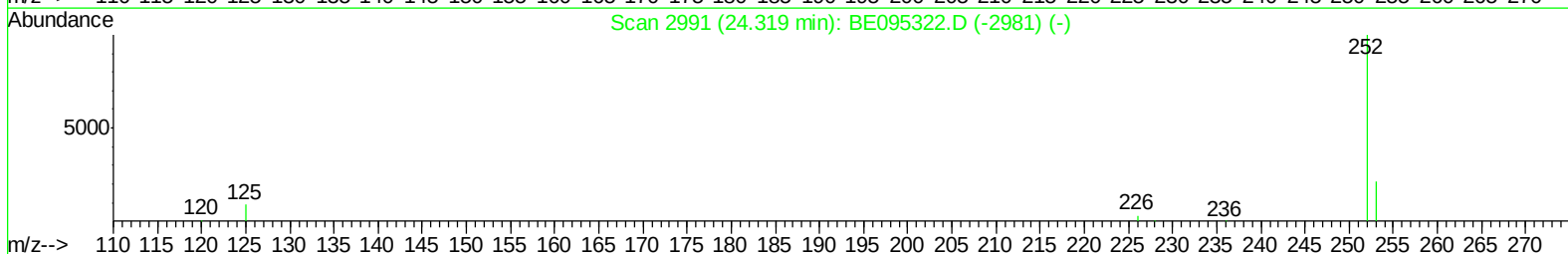
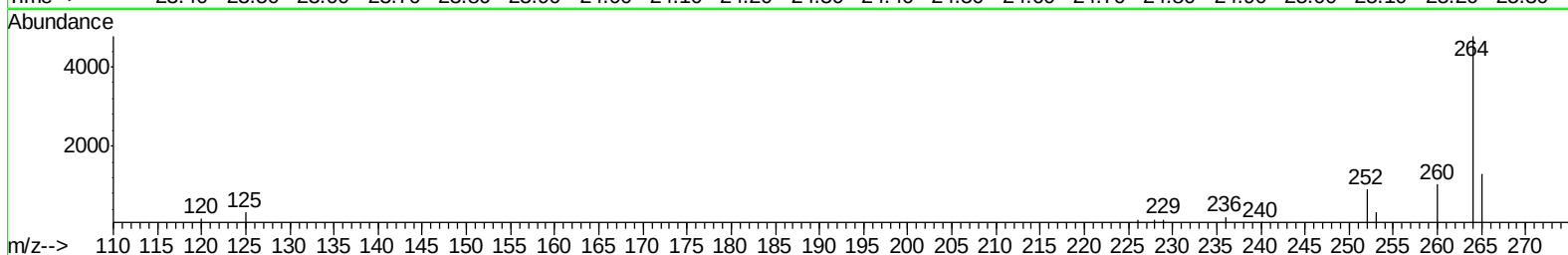
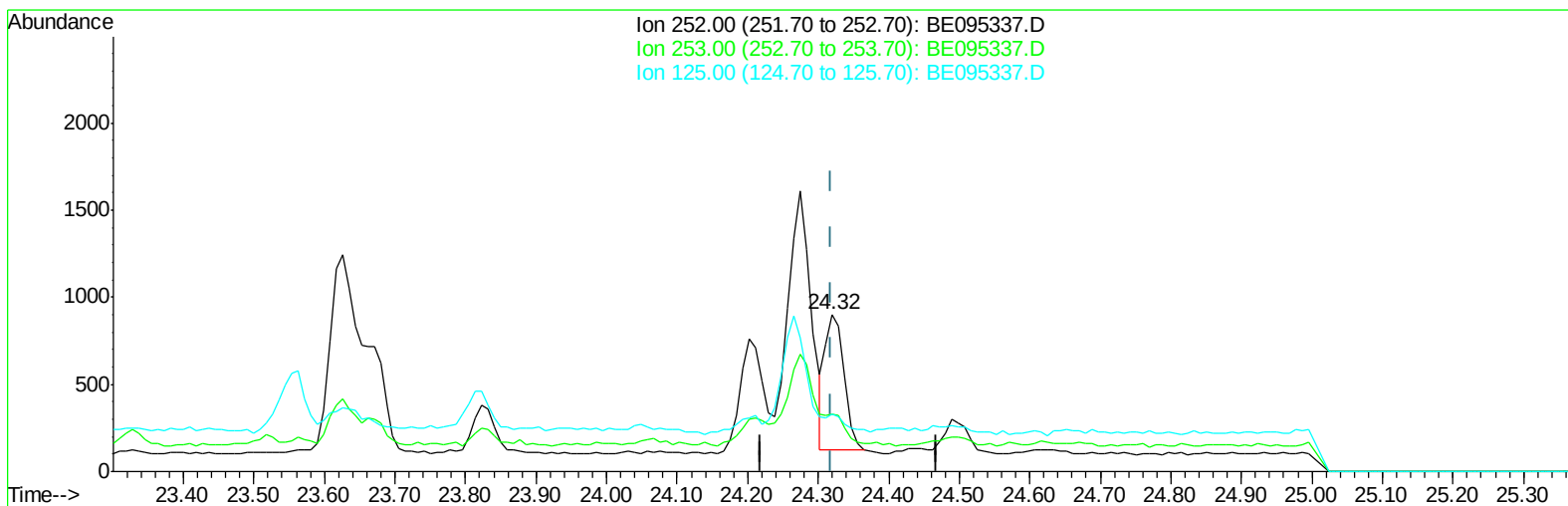
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:05:02 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE095337.D

(23) Benzo(a)pyrene (C)

24.319min (+0.000) 0.05ng/ul m

response 1438

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	36.32
125.00	22.60	36.10#
0.00	0.00	0.00

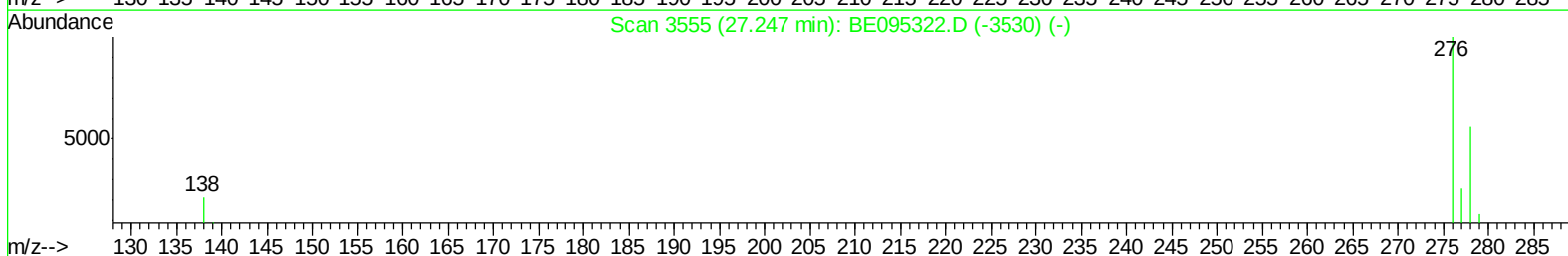
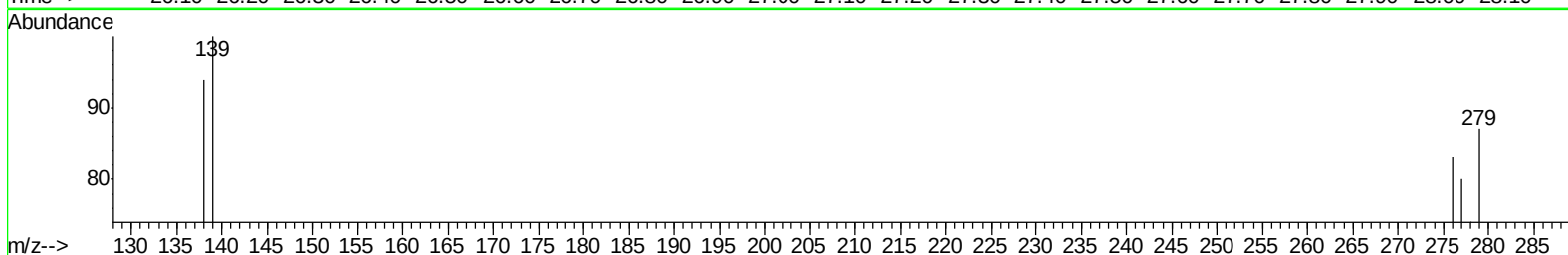
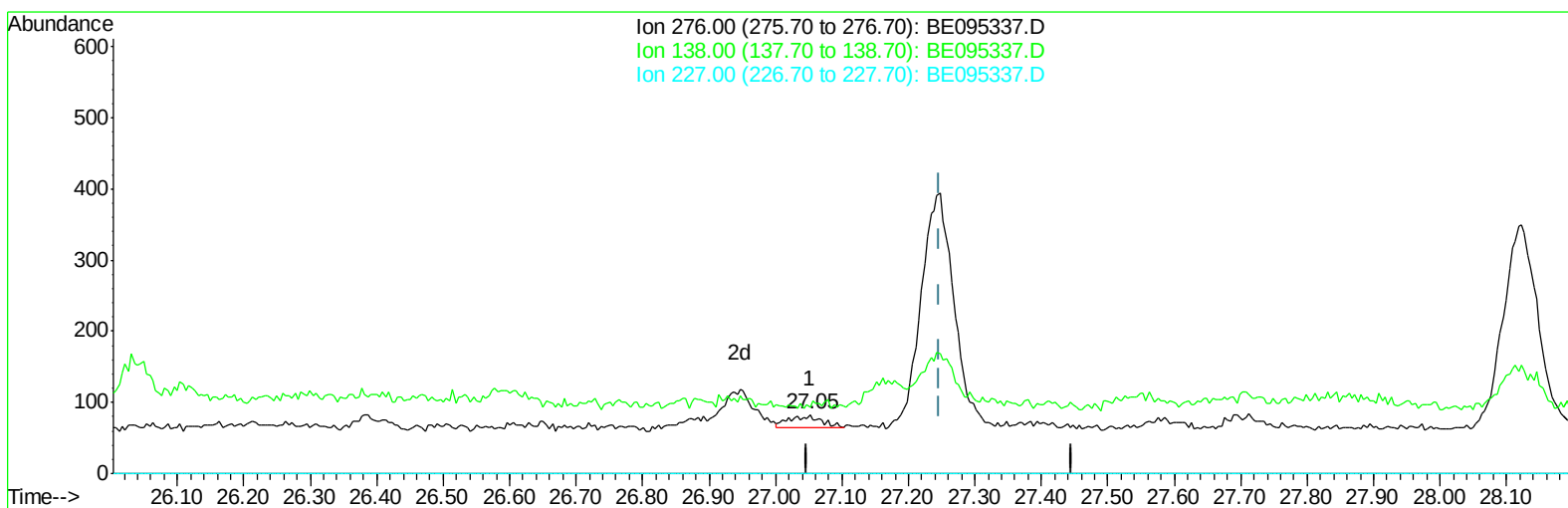
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:05:02 2018
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TIC: BE095337.D

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

27.052min (-0.196) 0.00ng/ul

response 56

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	19.64#
227.00	10.00	0.00#
0.00	0.00	0.00

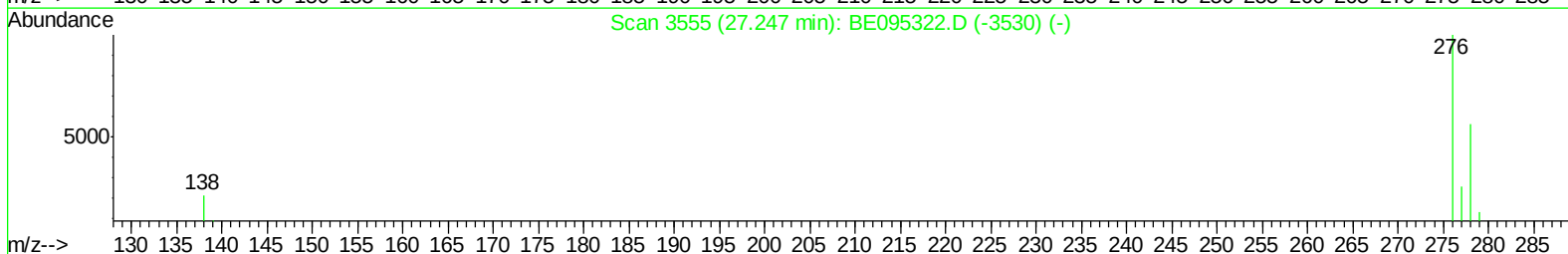
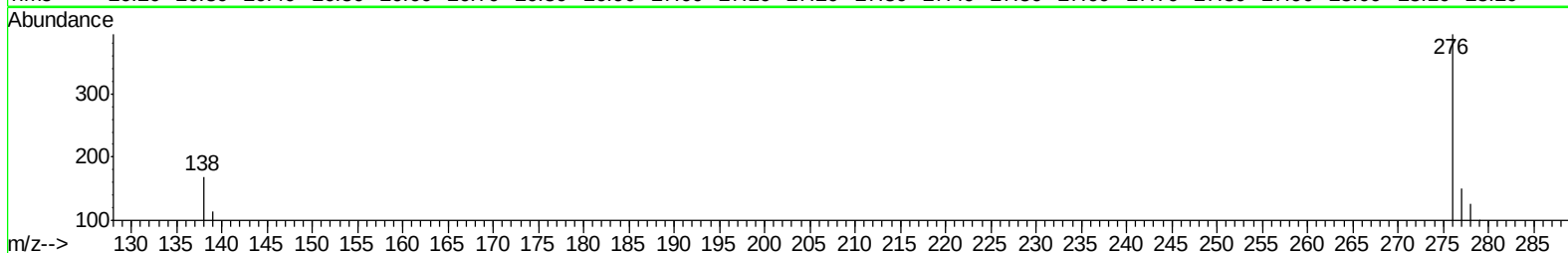
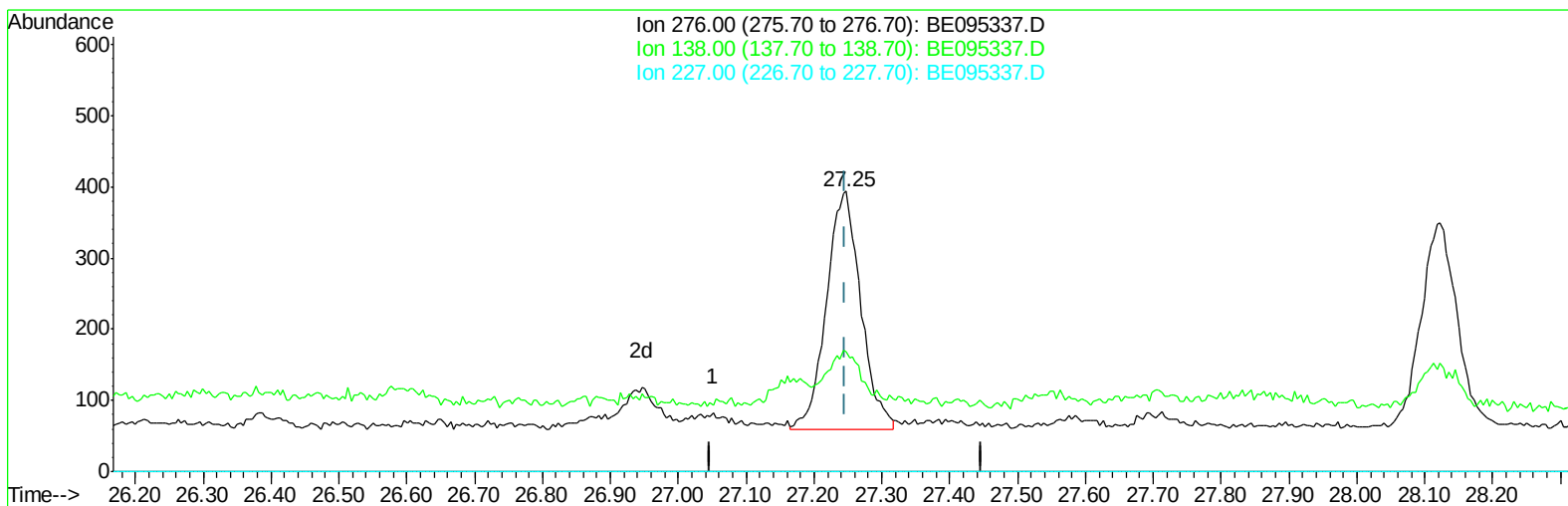
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
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Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:05:02 2018
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Response via : Initial Calibration



TIC: BE095337.D

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

27.248min (+0.000) 0.04ng/ul m

response 1166

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.94#
227.00	10.00	0.00#
0.00	0.00	0.00

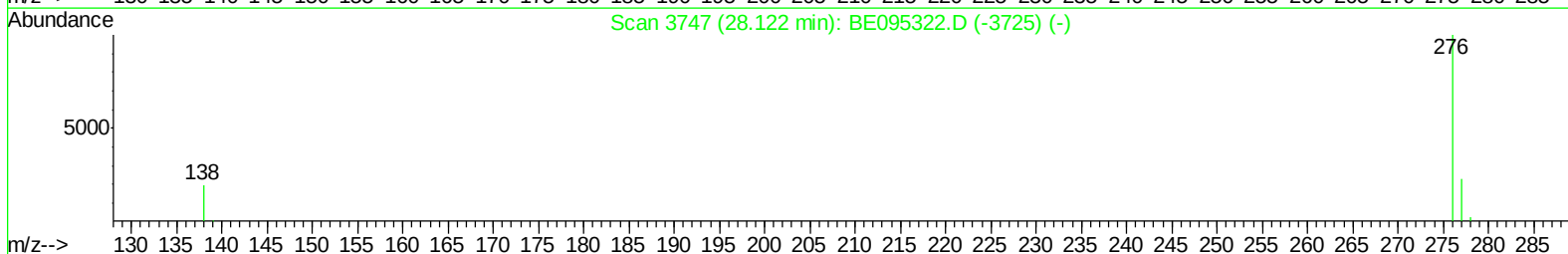
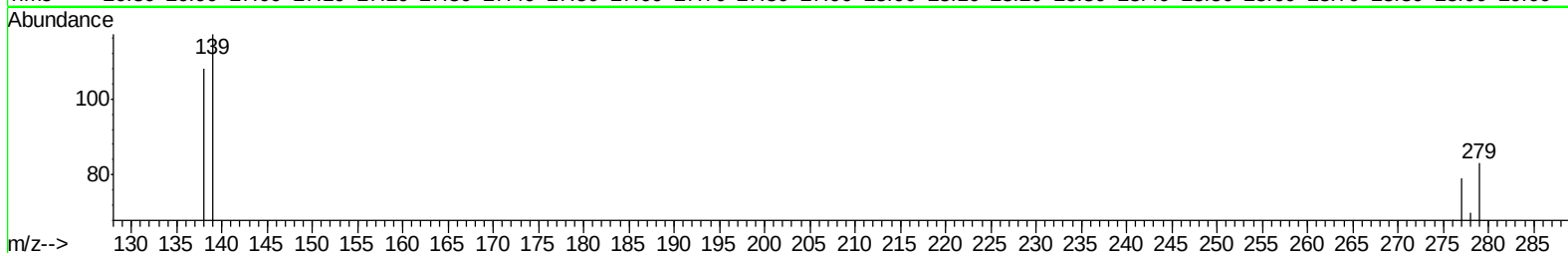
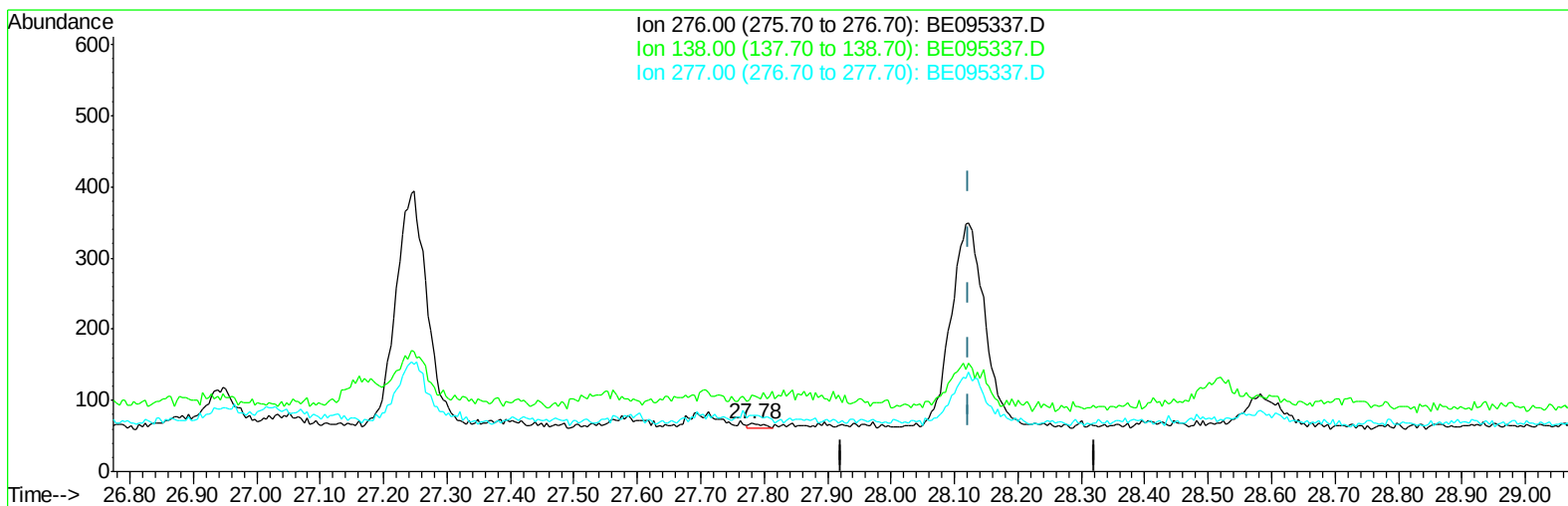
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:05:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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TIC: BE095337.D

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

27.781min (-0.341) 0.00ng/ul

response 11

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	158.82#
277.00	25.60	116.18#
0.00	0.00	0.00

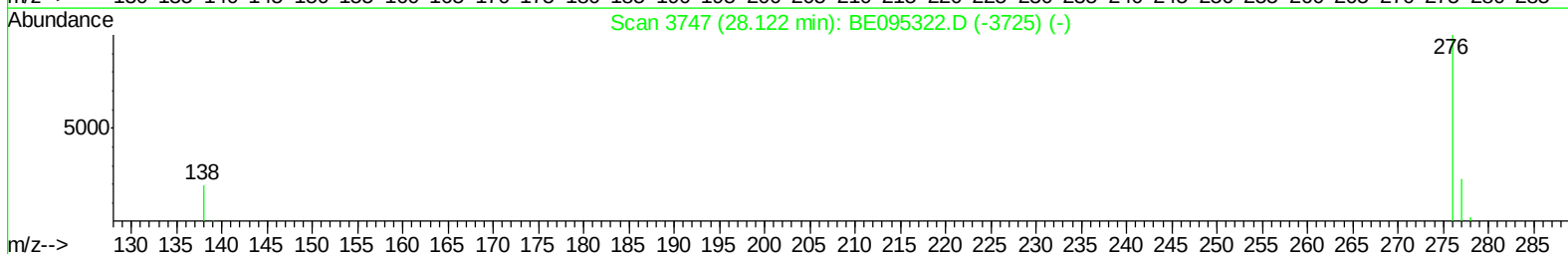
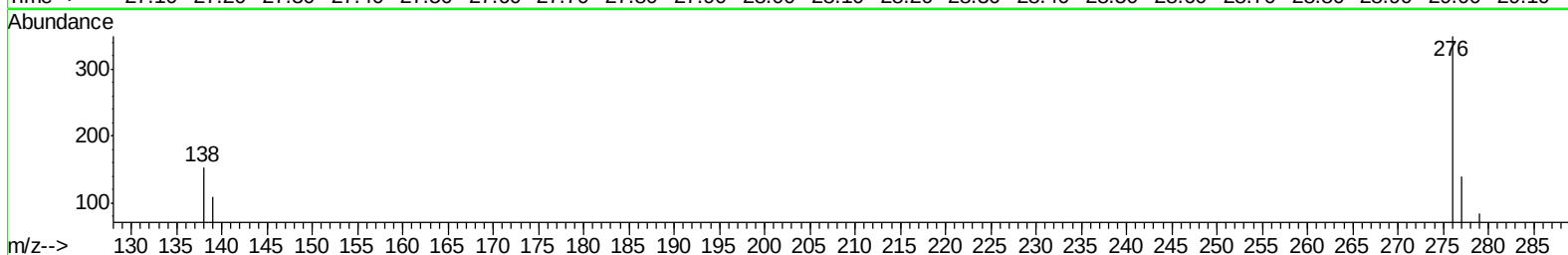
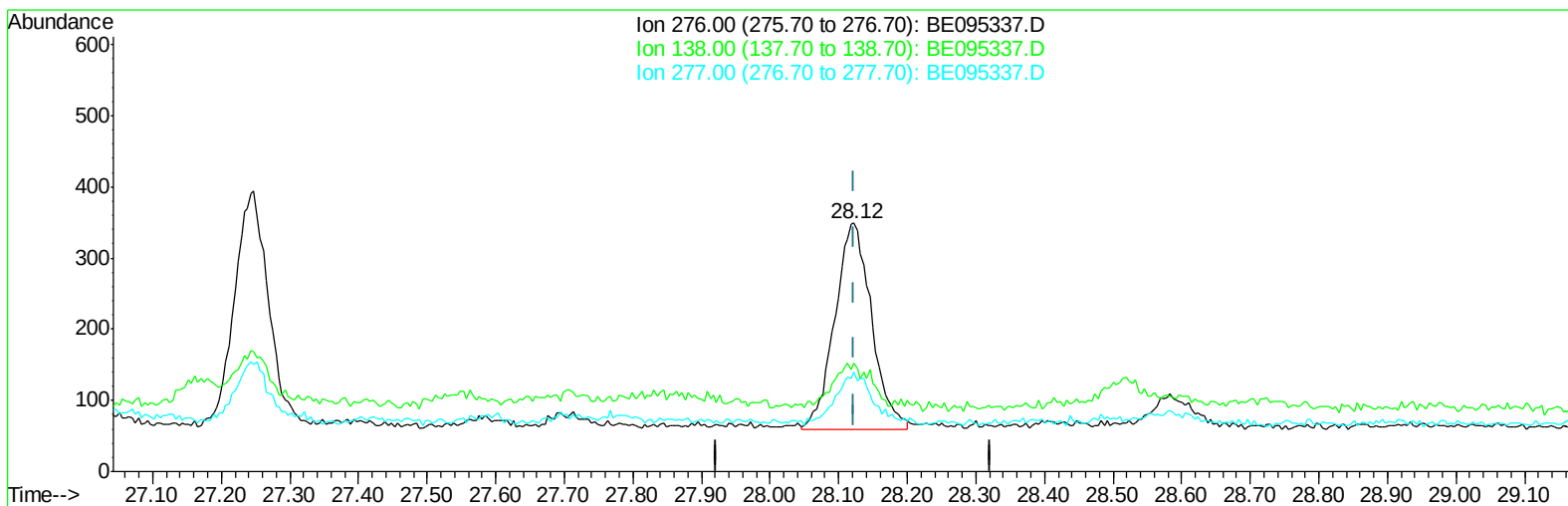
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Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:05:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

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

28.122min (+0.000) 0.04ng/ul m

response 1077

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	43.84#
277.00	25.60	39.83#
0.00	0.00	0.00

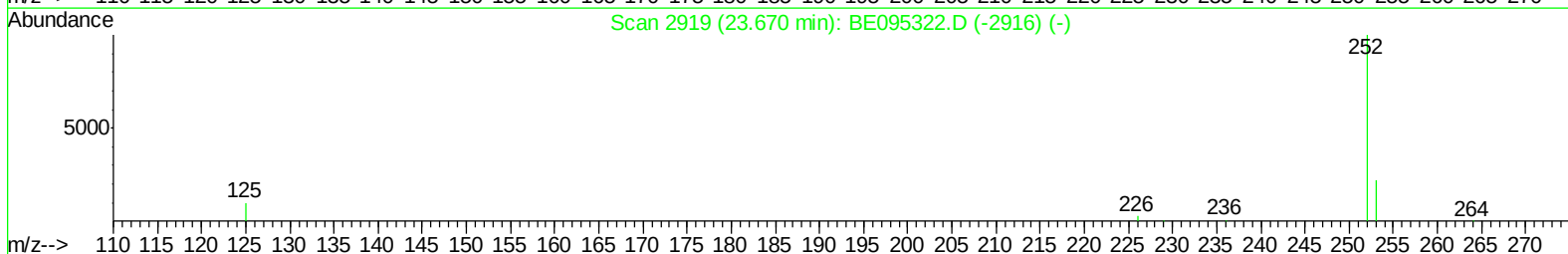
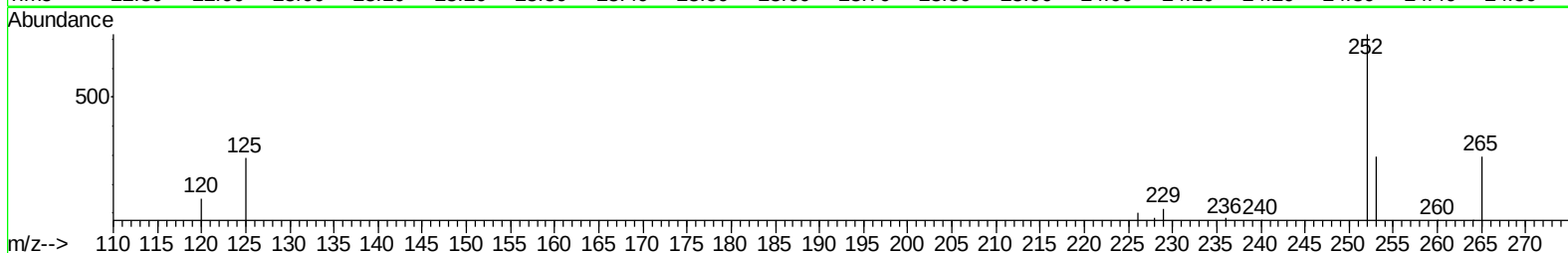
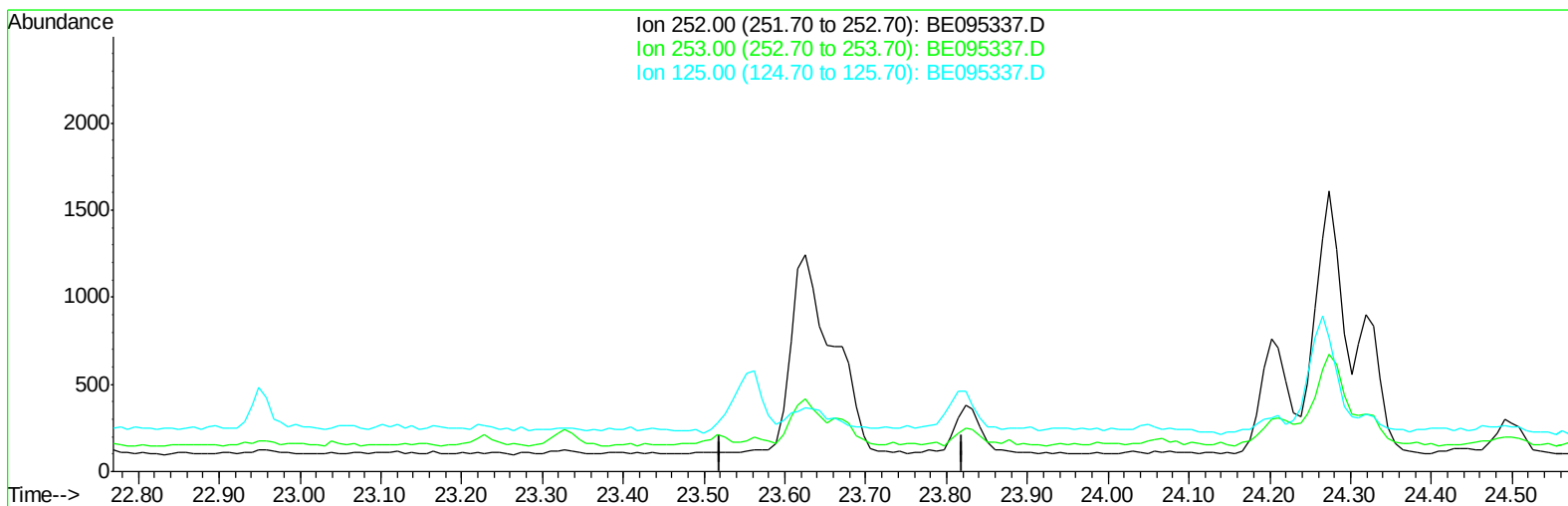
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
Data File : BE095337.D
Acq On : 1 Feb 2018 3:07
Operator : SJ/JU
Sample : J1245-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B78

Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:20:50 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration



TIC: BE095337.D

(22) Benzo(k)fluoranthene

23.670min (-23.670) 0.00ng/ul

response 0

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
 Data File : BE095337.D
 Acq On : 1 Feb 2018 3:07
 Operator : SJ/JU
 Sample : J1245-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B78

Manual Integrations
 APPROVED

Sohil
 2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:08:26 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 04:05:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2310	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7286	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4887	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9792m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9801	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9018m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4795	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	13109	0.35	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	17.36	266	2374	1.252	ng/ul	95
12) Phenanthrene	17.75	178	1846	0.056	ng/ul#	89
13) Anthracene	17.85	178	611	0.020	ng/ul#	75
15) Fluoranthene	19.72	202	6429	0.151	ng/ul	84
17) Pyrene	20.08	202	5177m	0.157	ng/ul	
18) Benzo(a)anthracene	21.79	228	2365	0.077	ng/ul#	90
19) Chrysene	21.84	228	2623	0.082	ng/ul#	89
21) Benzo(b)fluoranthene	23.63	252	2991m	0.094	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	1187m	0.041	ng/ul	
23) Benzo(a)pyrene	24.32	252	1438m	0.051	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	1166m	0.037	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	1077m	0.041	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
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Instrument :
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Manual Integrations
APPROVED

Sohil
2/1/2018 5:59:00 PM

Quant Time: Feb 01 06:08:26 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 04:05:22 2018
Response via : Initial Calibration

