

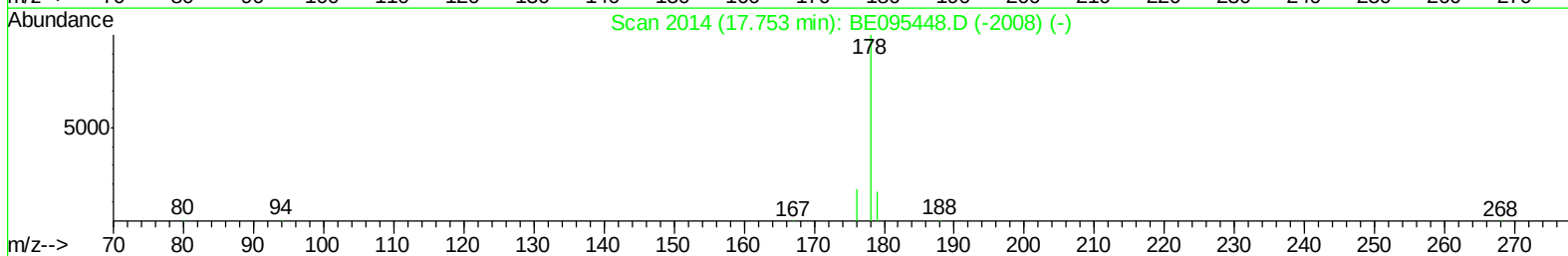
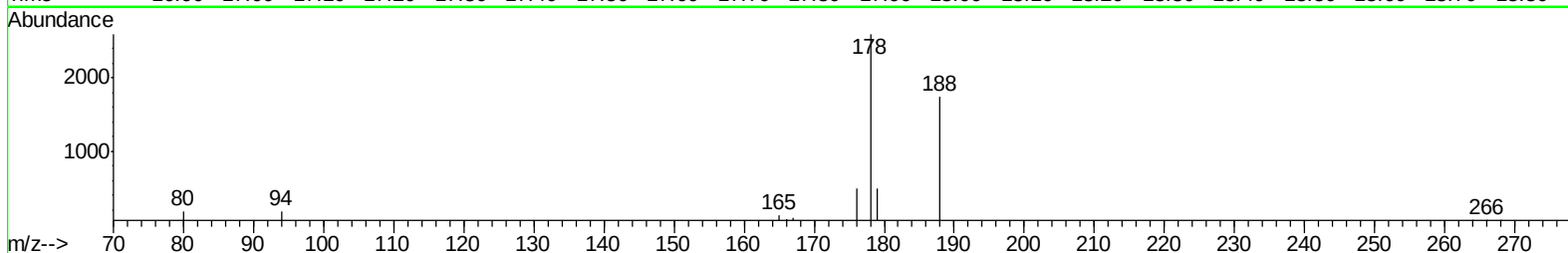
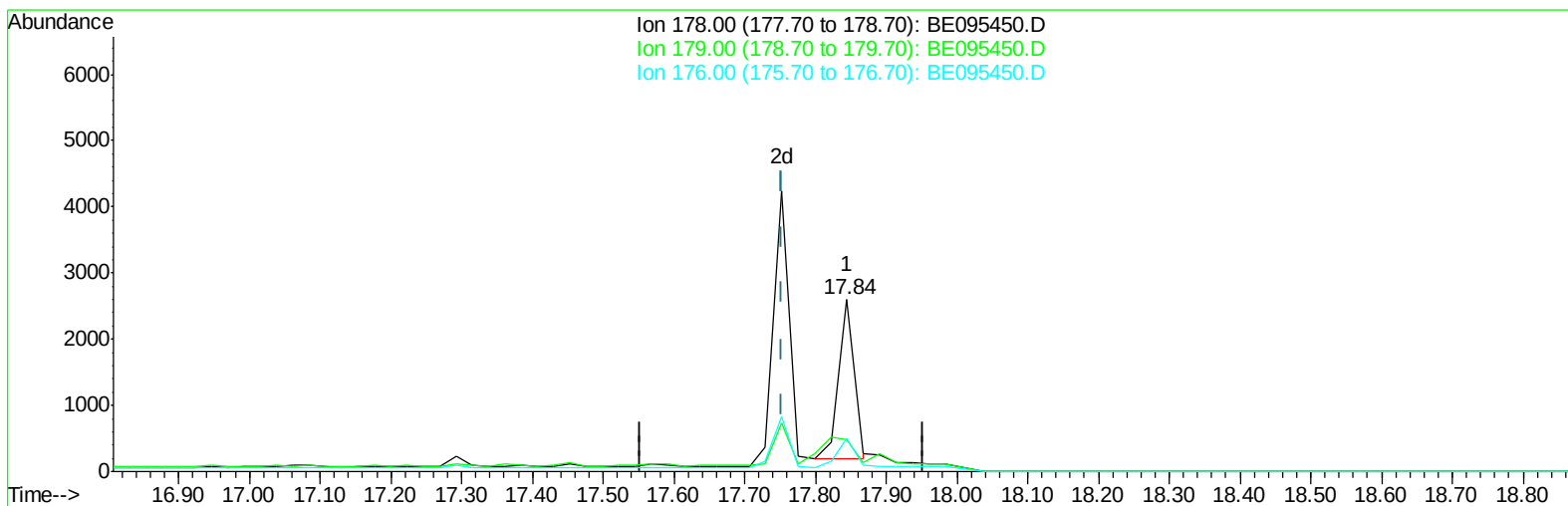
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 04:52:52 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

(12) Phenanthrene

17.845min (+0.091) 0.15ng/ul

response 3732

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.73
176.00	17.00	19.31
0.00	0.00	0.00

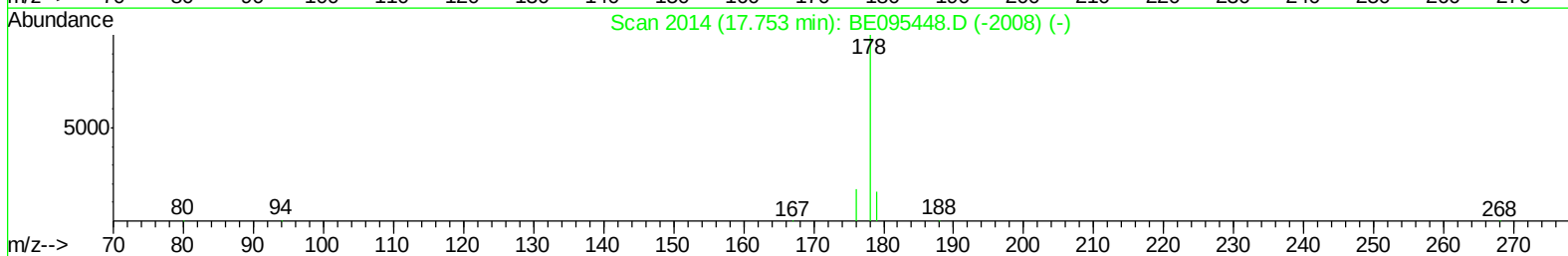
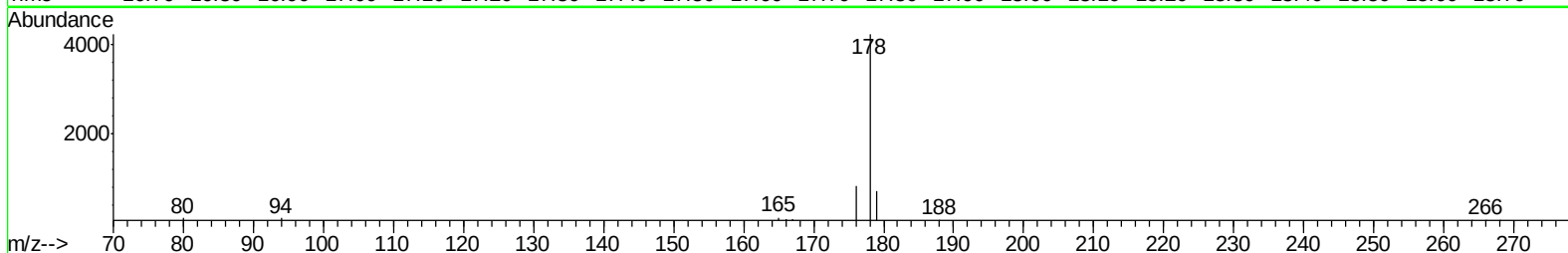
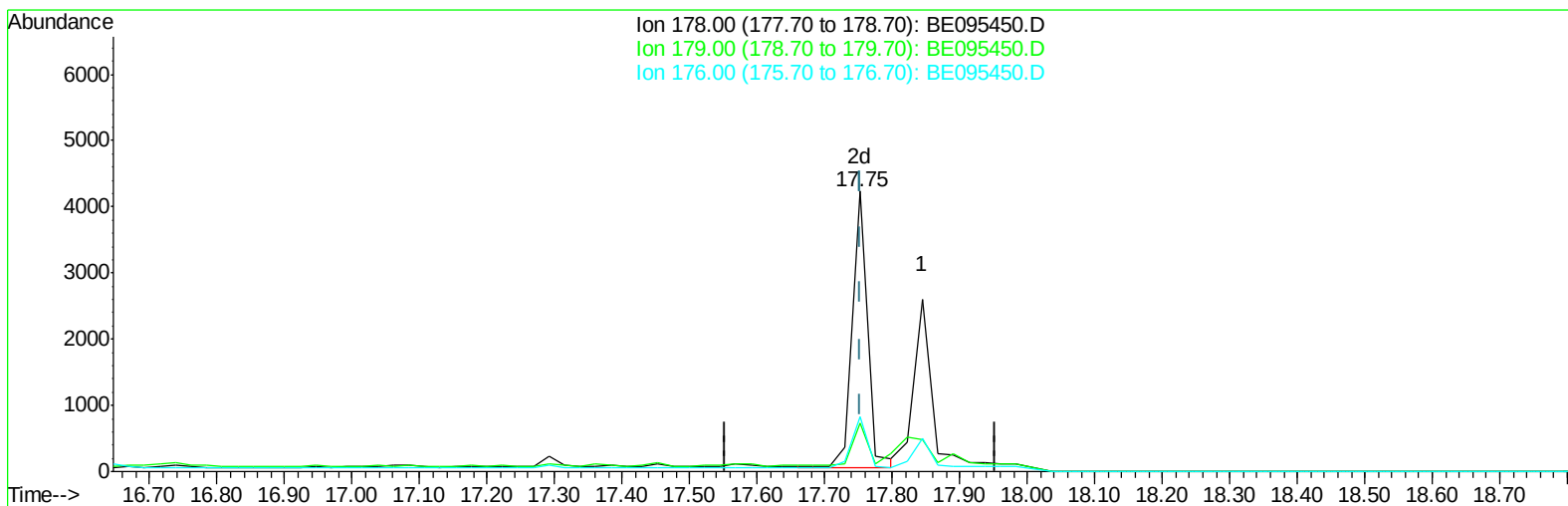
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 04:52:52 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

(12) Phenanthrene

17.753min (-0.001) 0.27ng/ul m

response 6648

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	17.13#
176.00	17.00	19.47
0.00	0.00	0.00

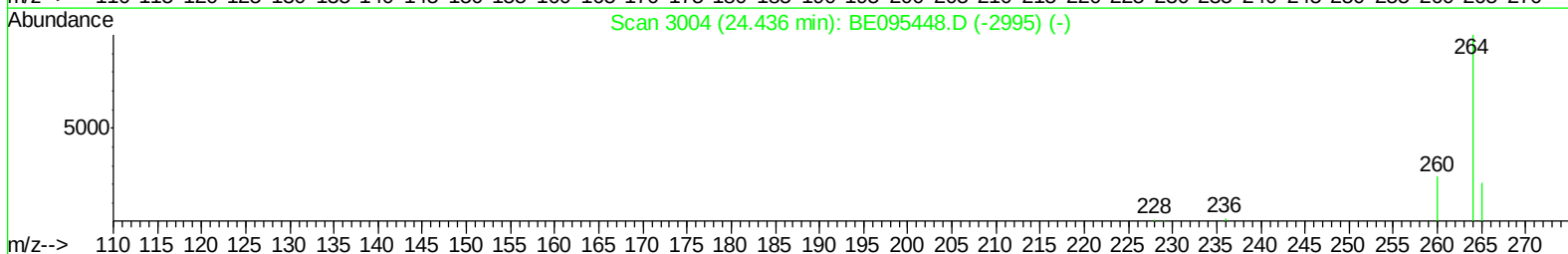
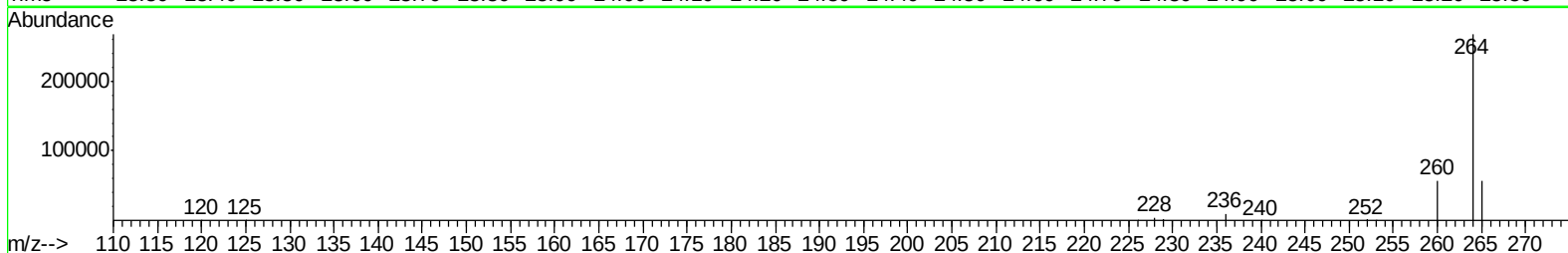
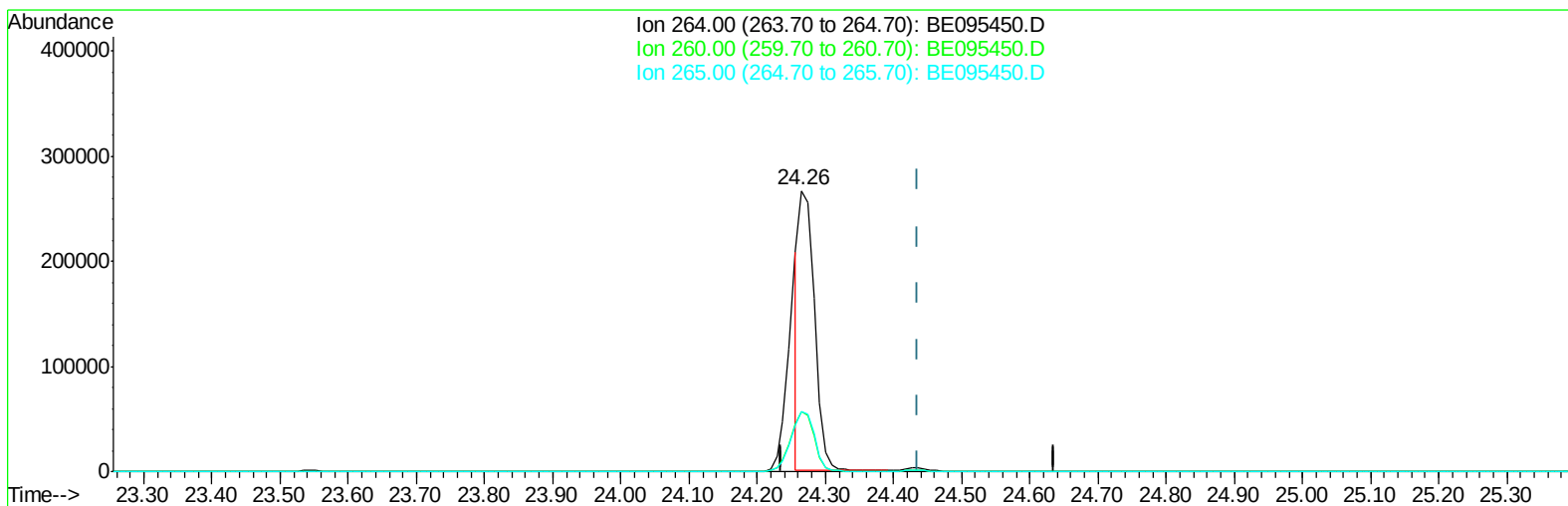
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 04:52:52 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

(20) Perylene-d12 (I)

24.265min (-0.172) 0.40ng/ul

response 420354

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.35#
265.00	103.50	21.30#
0.00	0.00	0.00

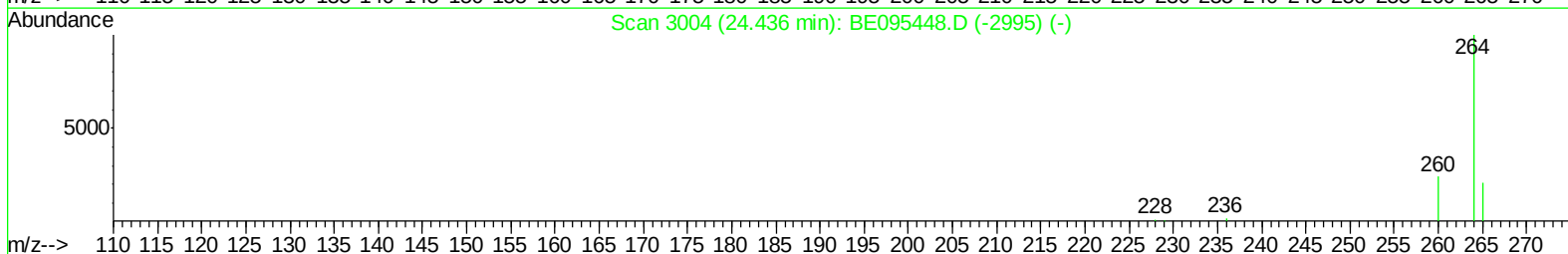
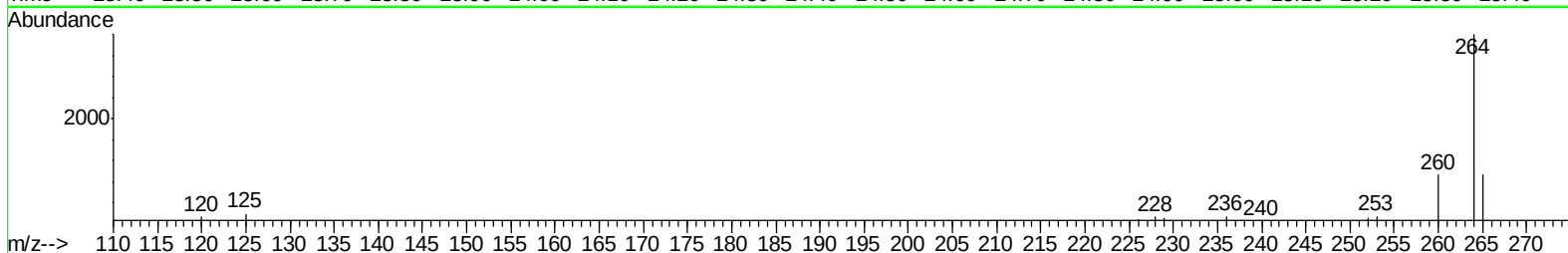
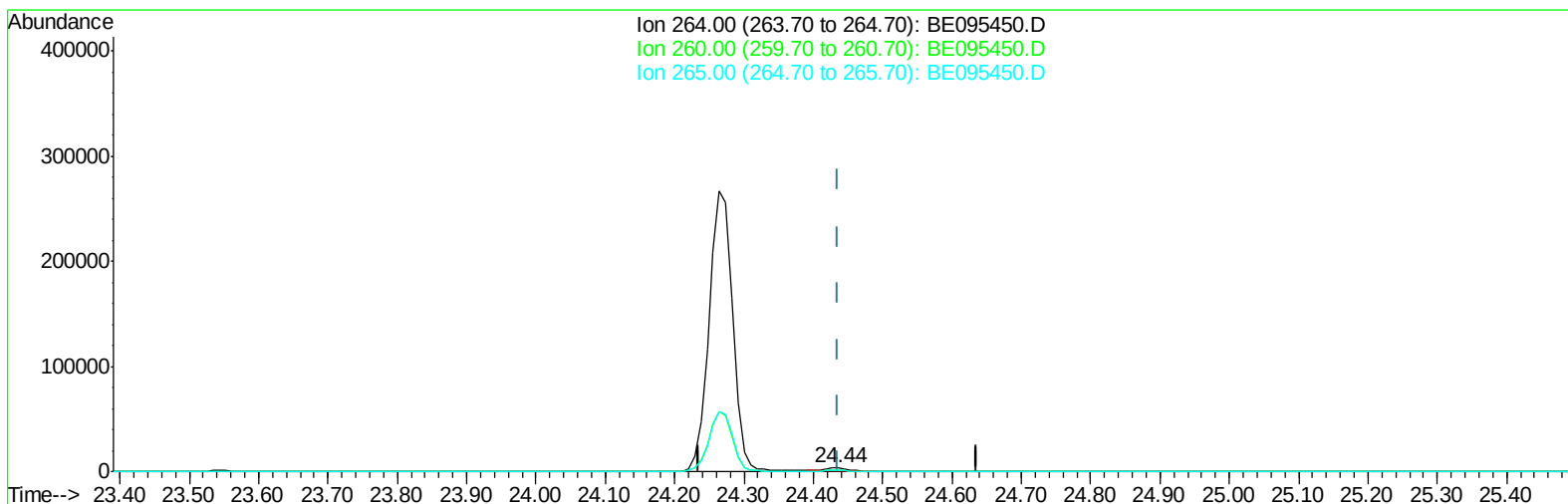
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 04:52:52 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

(20) Perylene-d12 (I)

24.436min (-0.000) 0.40ng/ul m

response 6466

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.98
265.00	103.50	26.51#
0.00	0.00	0.00

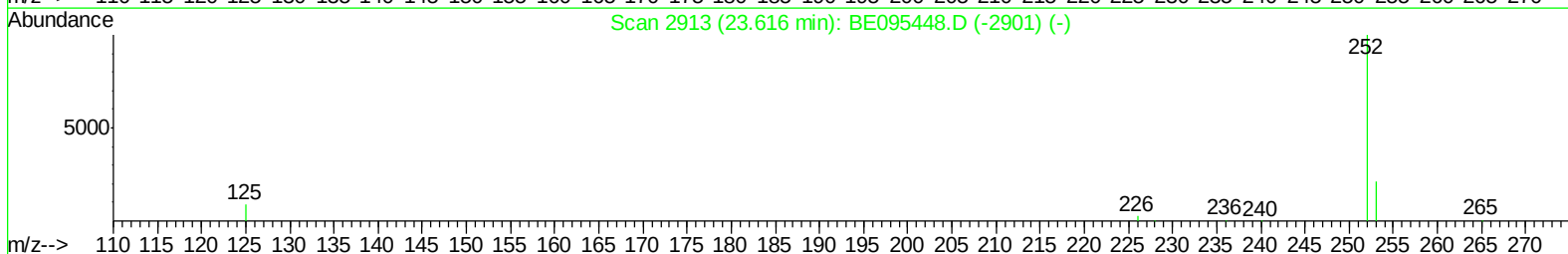
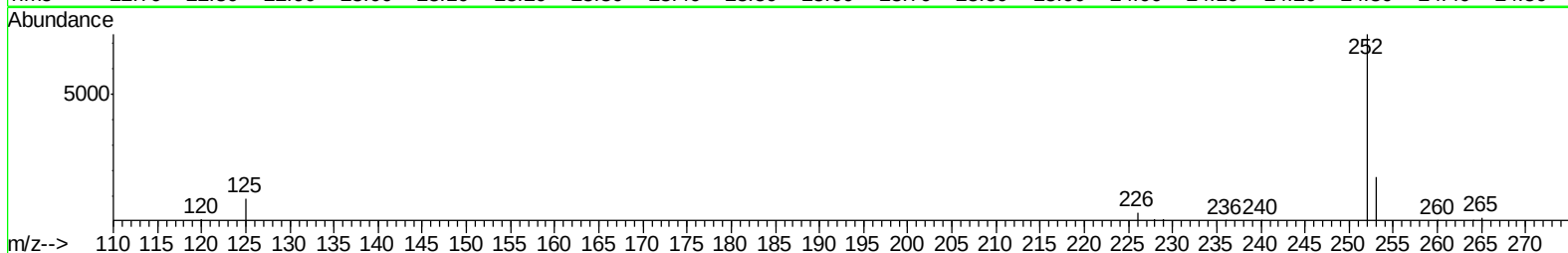
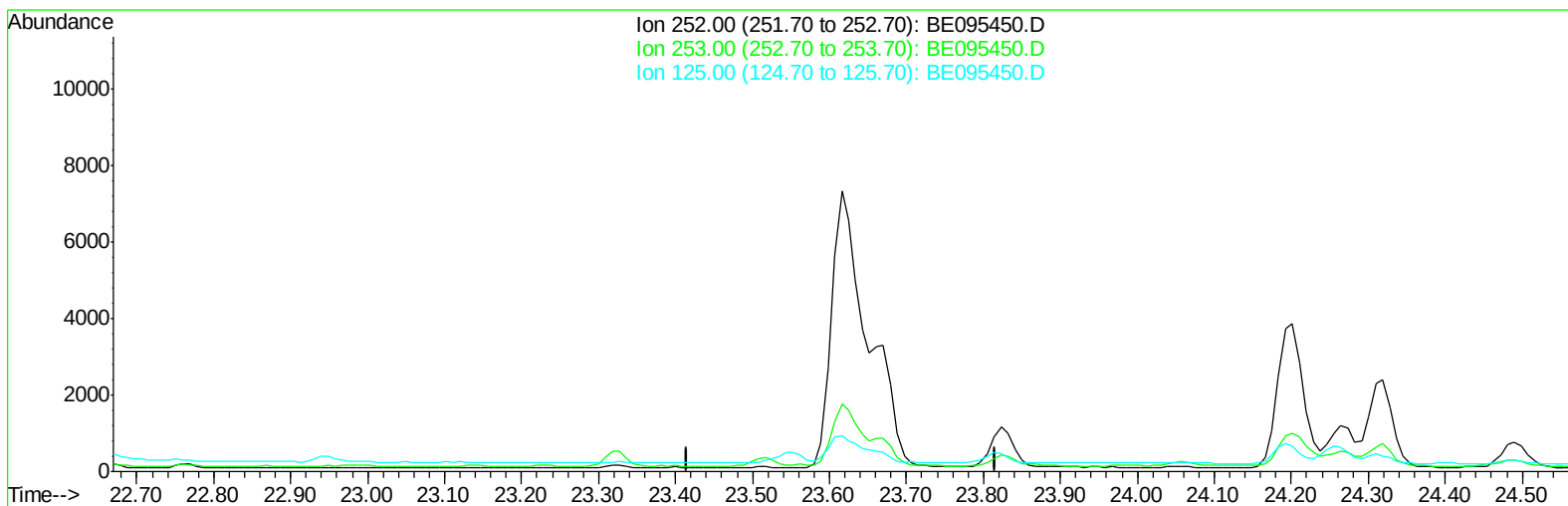
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

(21) Benzo(b)fluoranthene

23.616min (-23.616) 0.00ng/ul

response 0

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

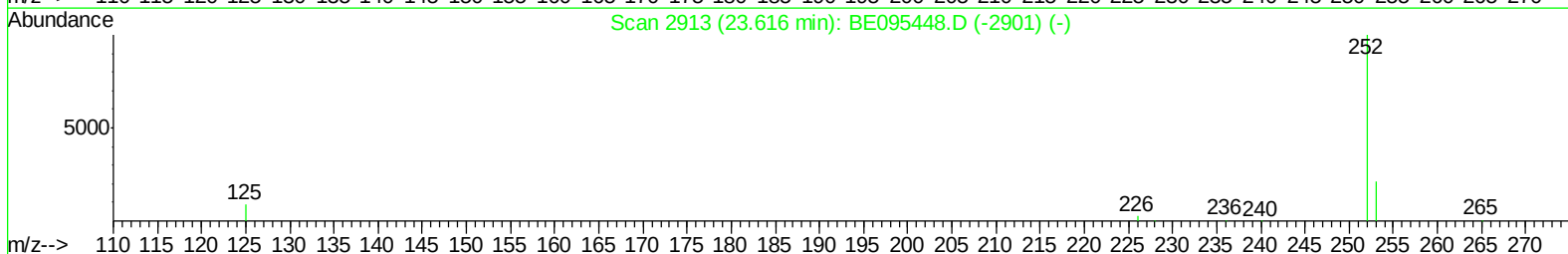
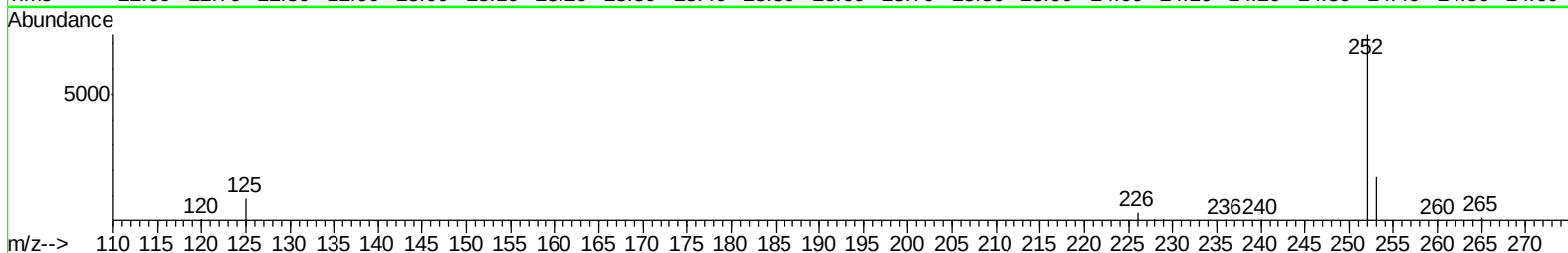
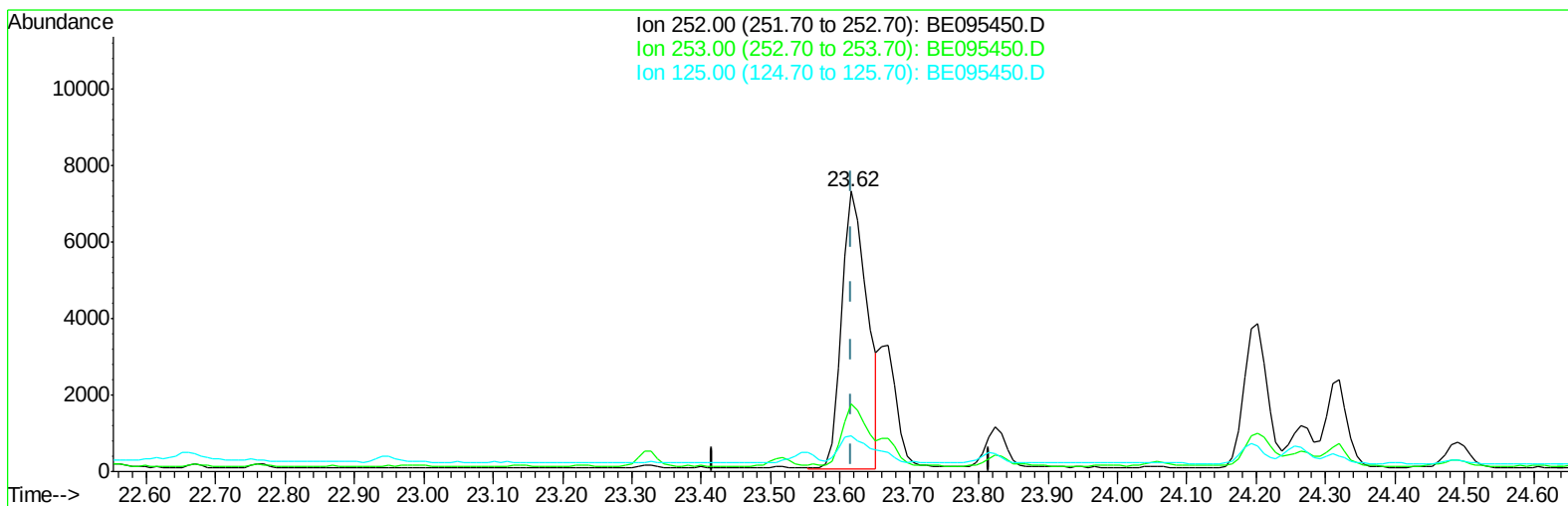
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

(21) Benzo(b)fluoranthene

23.616min (-0.000) 0.82ng/ul m

response 18600

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.93
125.00	17.50	12.71
0.00	0.00	0.00

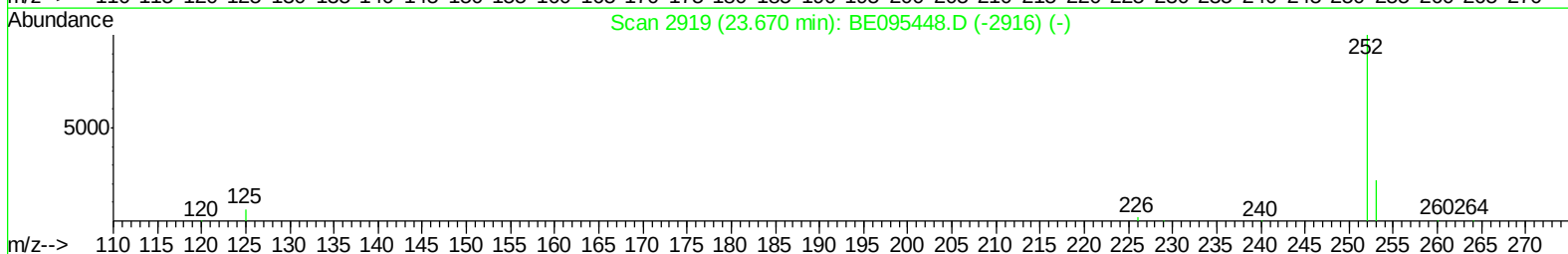
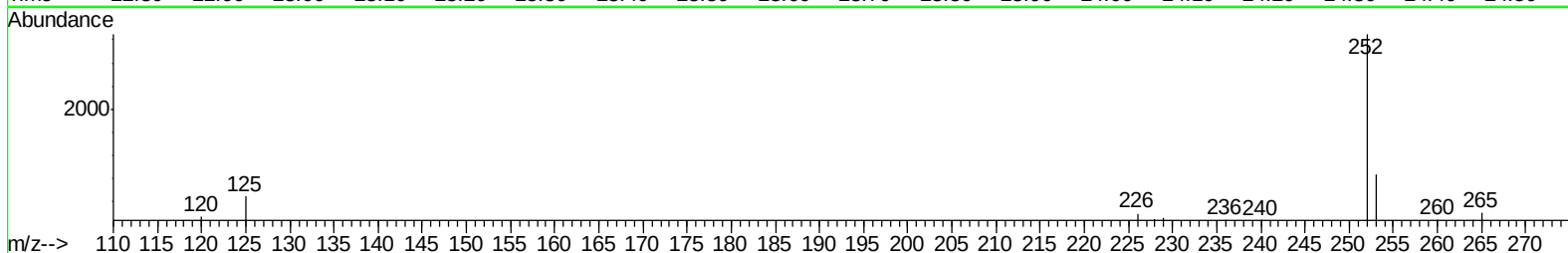
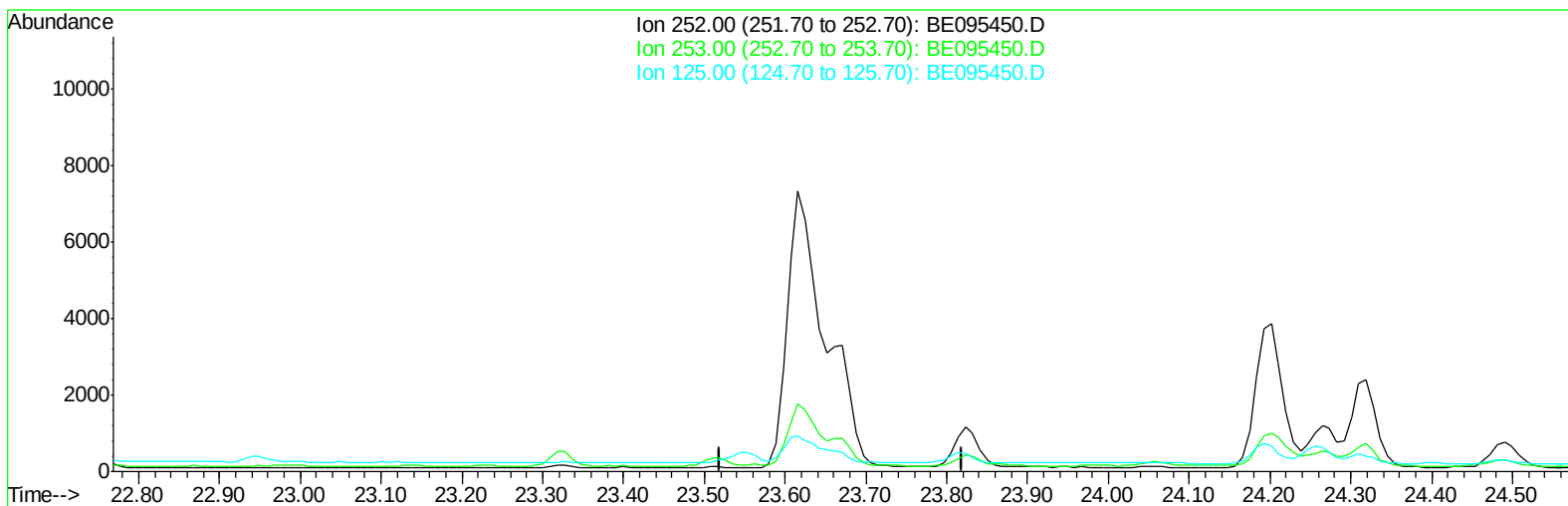
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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QLast Update : Mon Feb 05 04:46:10 2018
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TIC: BE095450.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

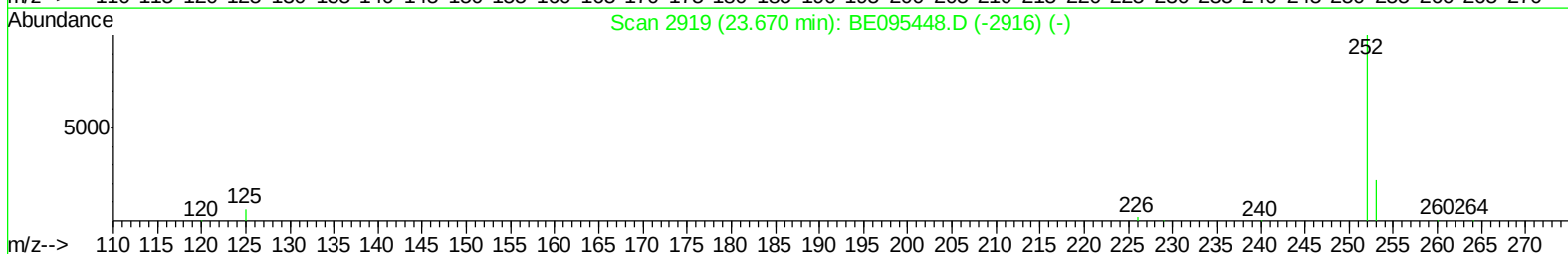
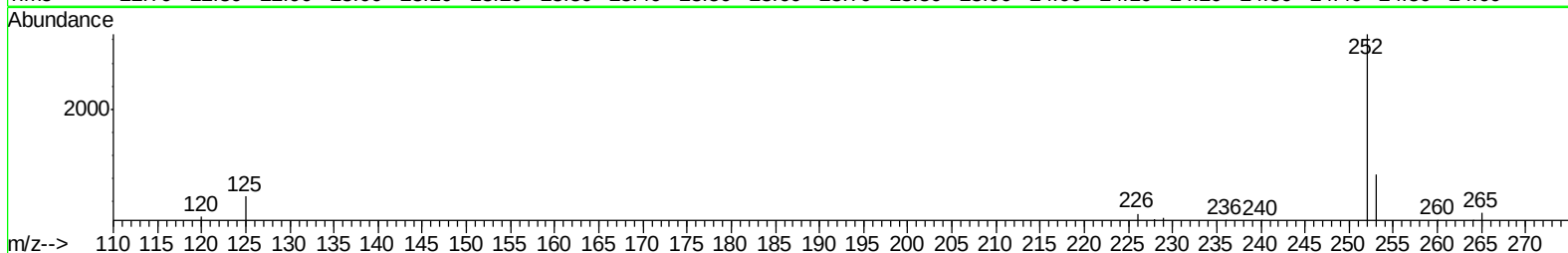
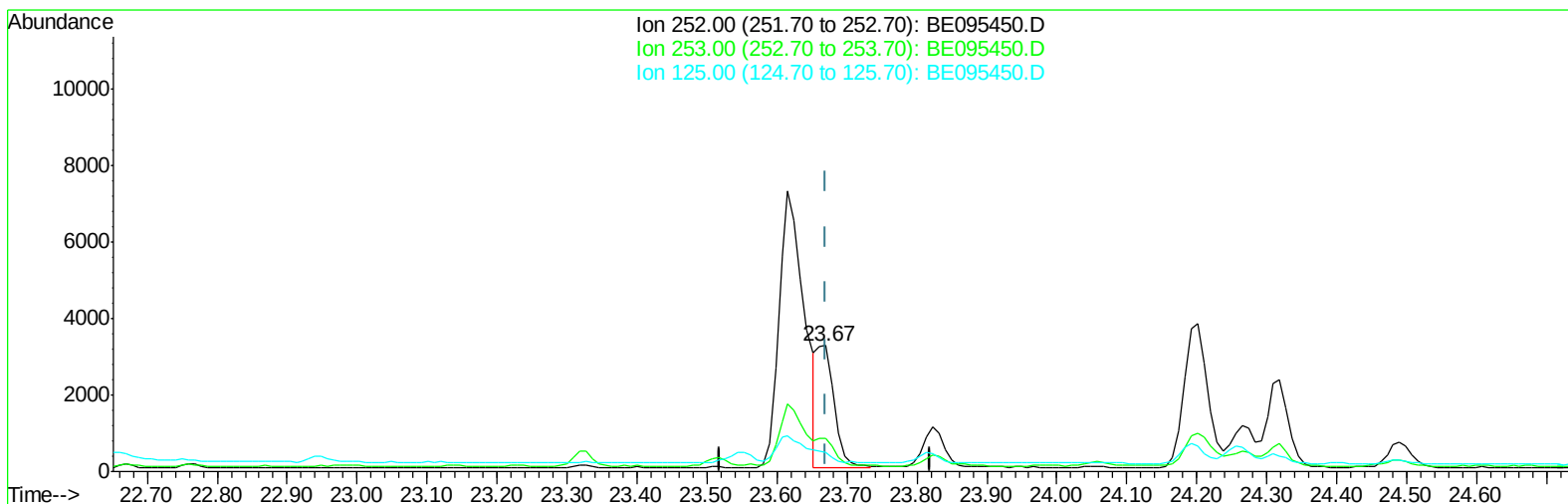
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

(22) Benzo(k)fluoranthene

23.670min (-0.000) 0.26ng/ul m

response 5341

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.51
125.00	17.10	14.92
0.00	0.00	0.00

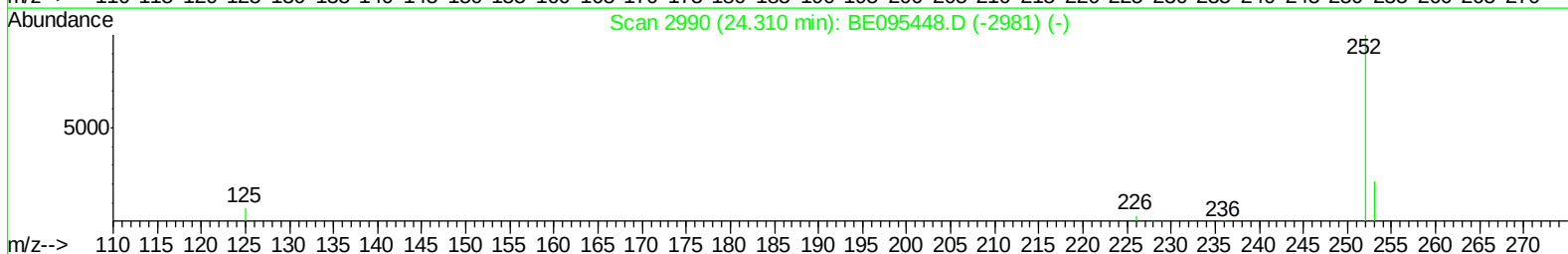
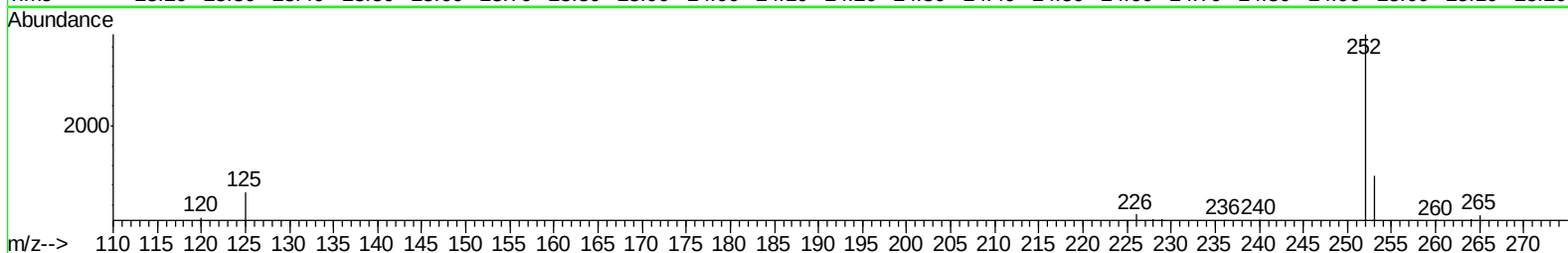
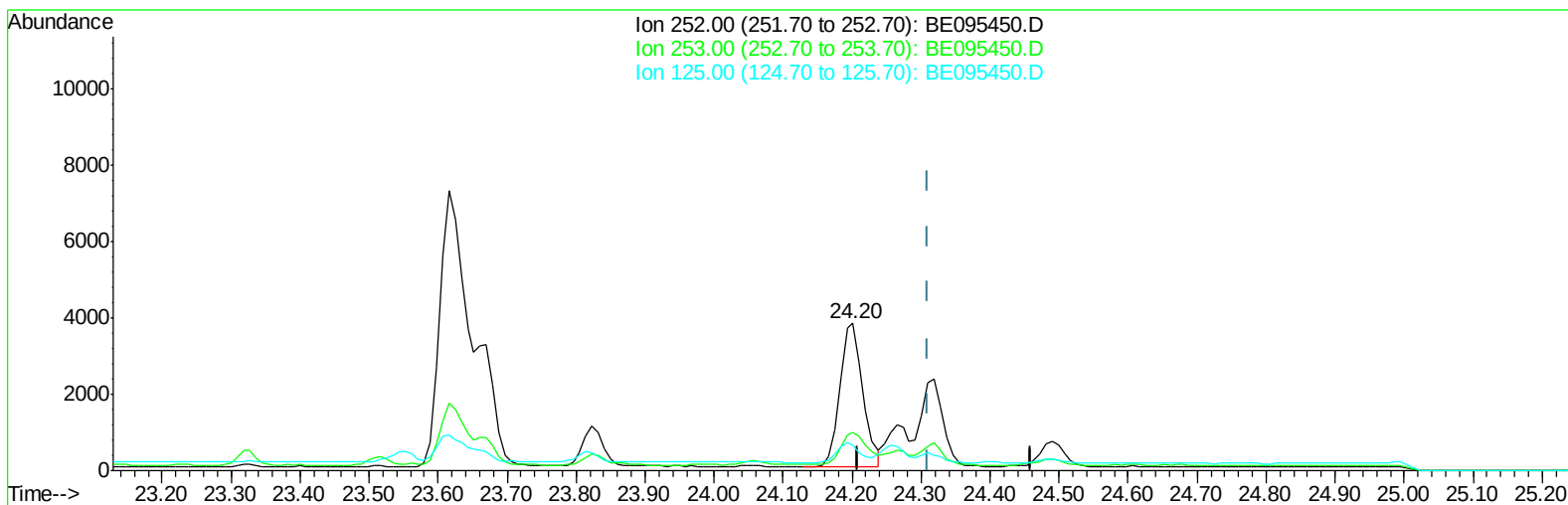
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

(23) Benzo(a)pyrene (C)

24.201min (-0.108) 0.43ng/ul

response 8850

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	25.58#
125.00	22.60	17.07#
0.00	0.00	0.00

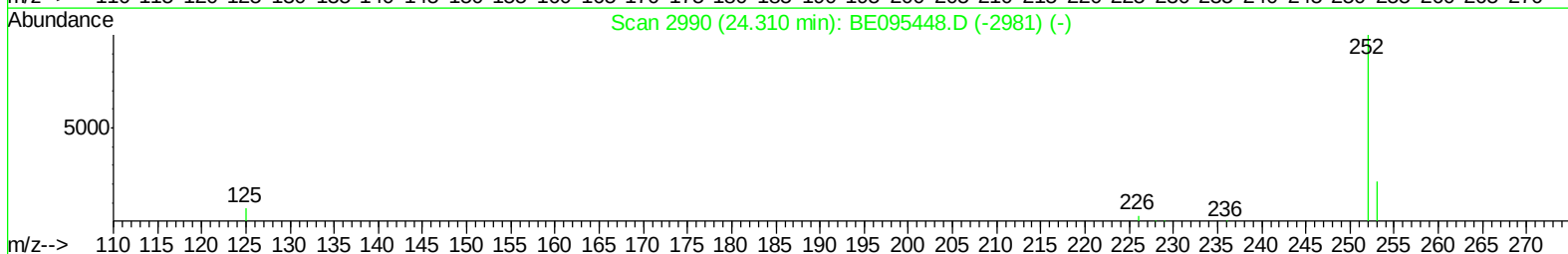
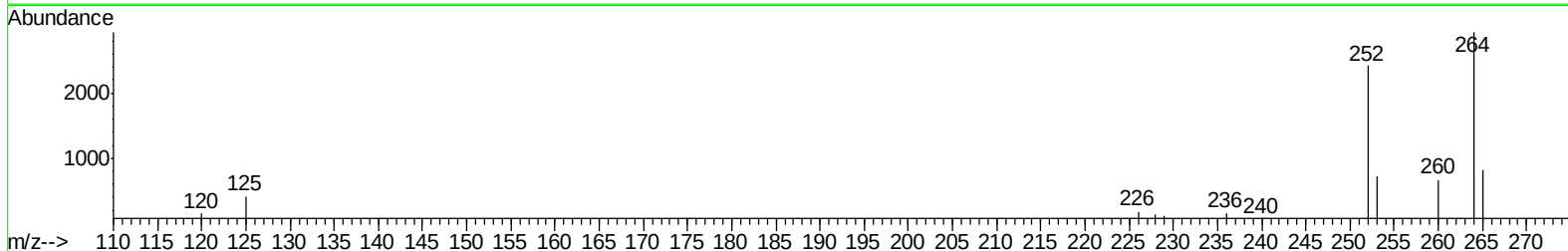
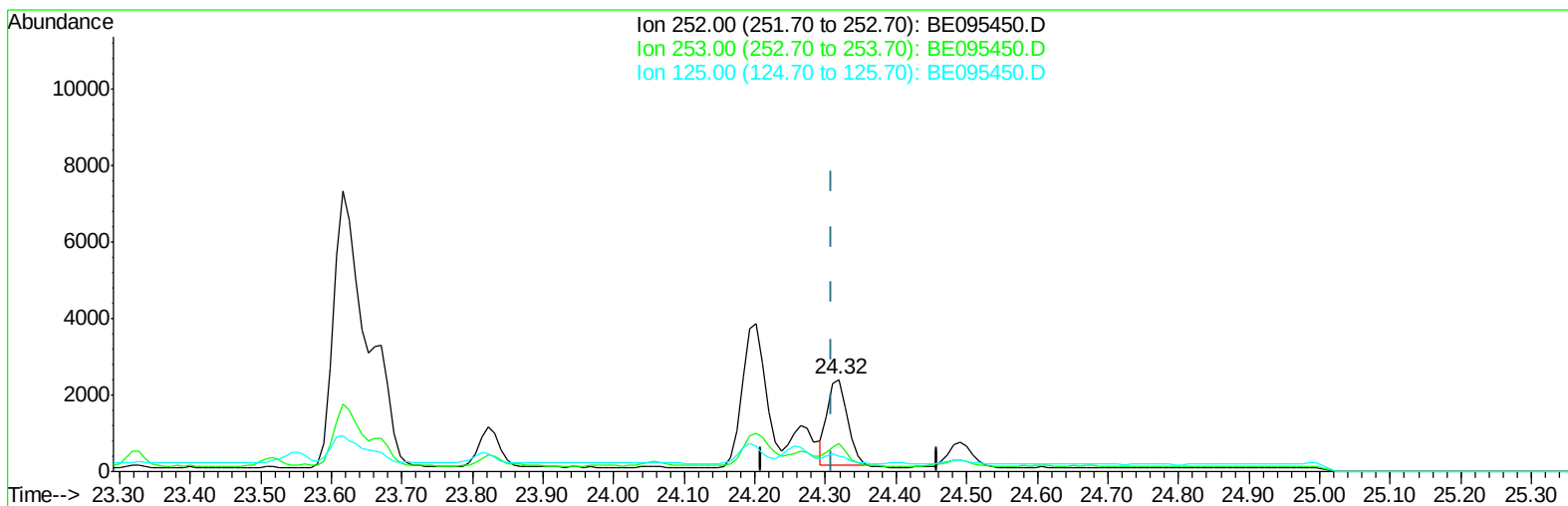
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE095450.D

(23) Benzo(a)pyrene (C)

24.319min (+0.009) 0.21ng/ul m

response 4363

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	29.88
125.00	22.60	17.12#
0.00	0.00	0.00

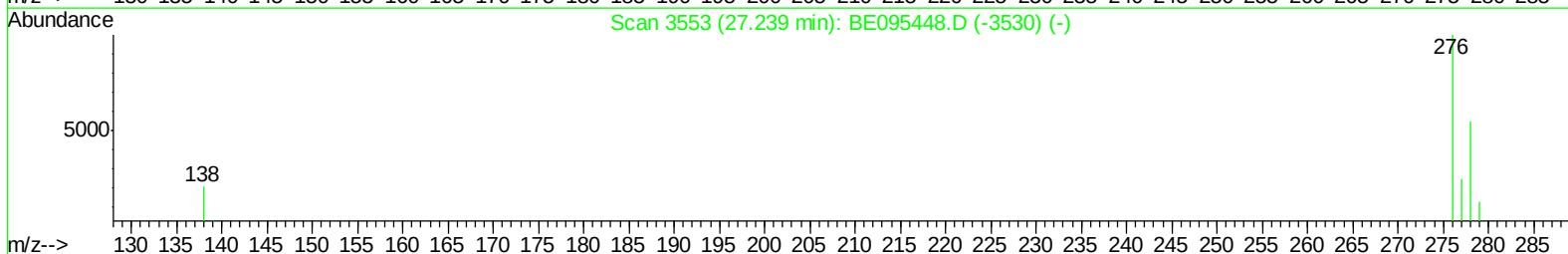
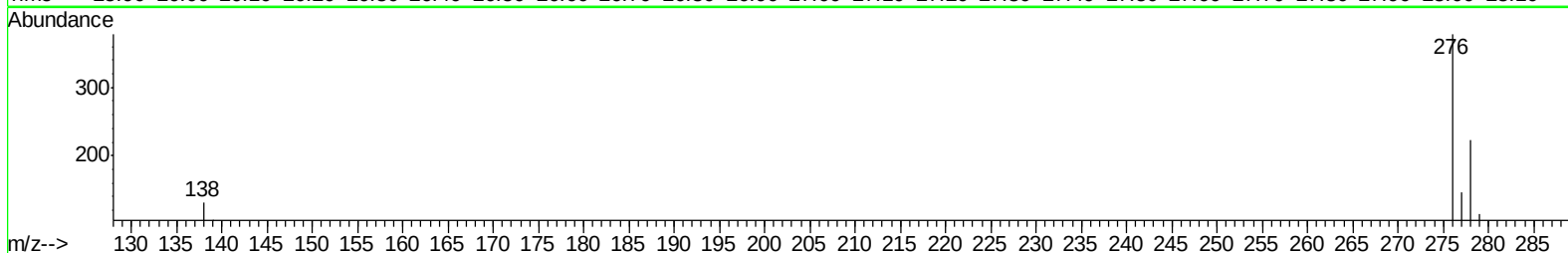
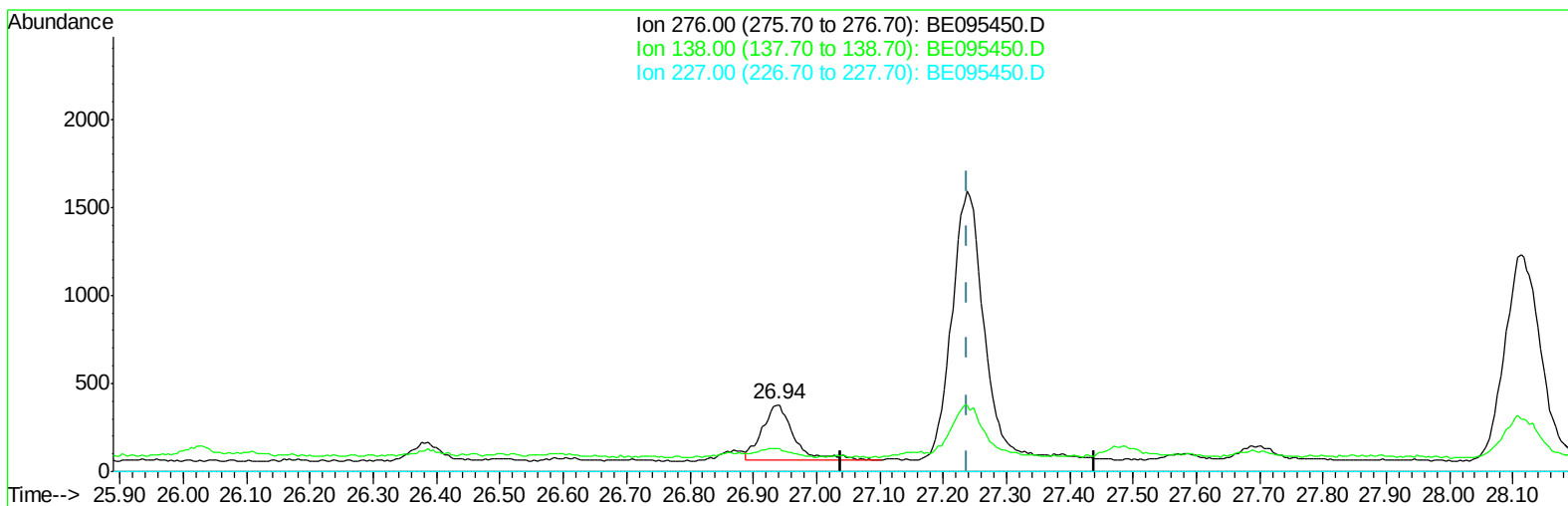
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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TIC: BE095450.D

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

26.937min (-0.302) 0.05ng/ul

response 1123

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	15.67#
227.00	10.00	0.00#
0.00	0.00	0.00

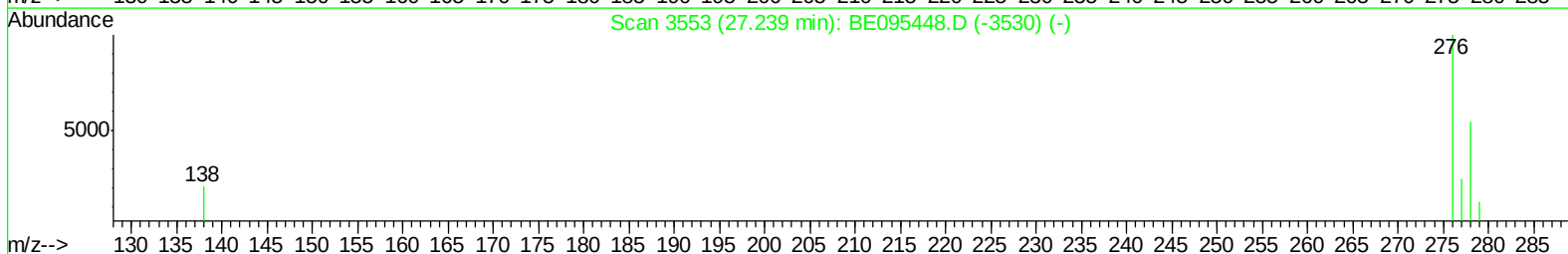
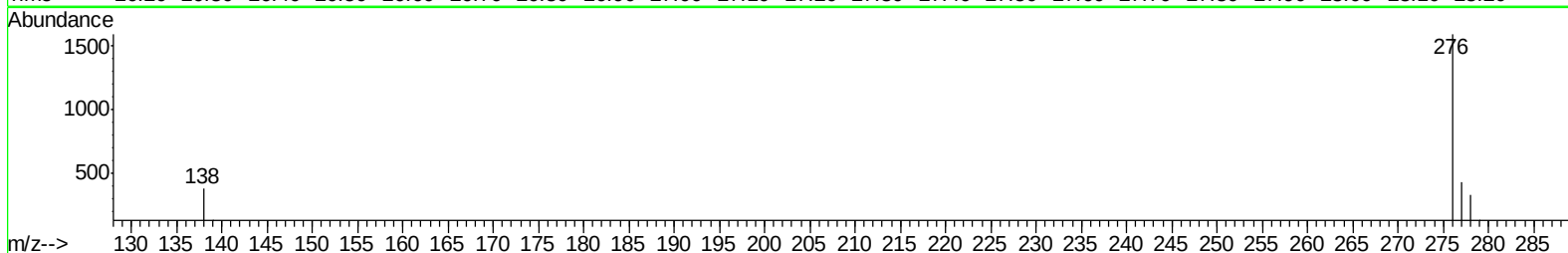
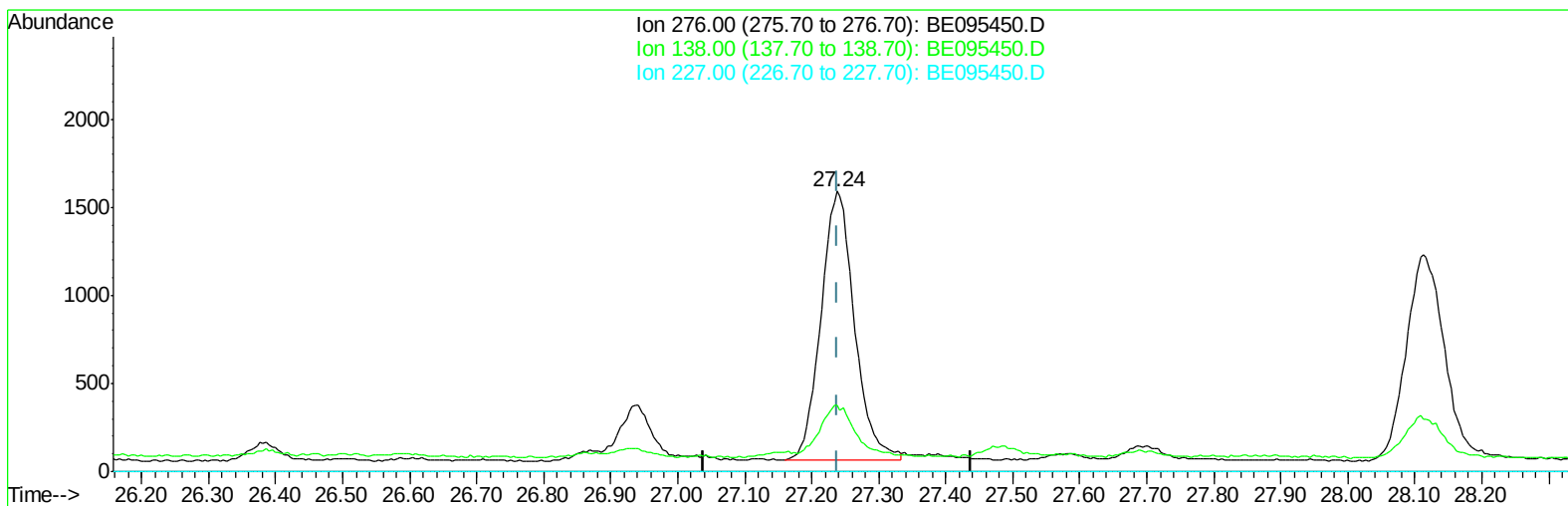
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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Response via : Initial Calibration



TIC: BE095450.D

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

27.238min (-0.002) 0.24ng/ul m

response 5324

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.31#
227.00	10.00	0.00#
0.00	0.00	0.00

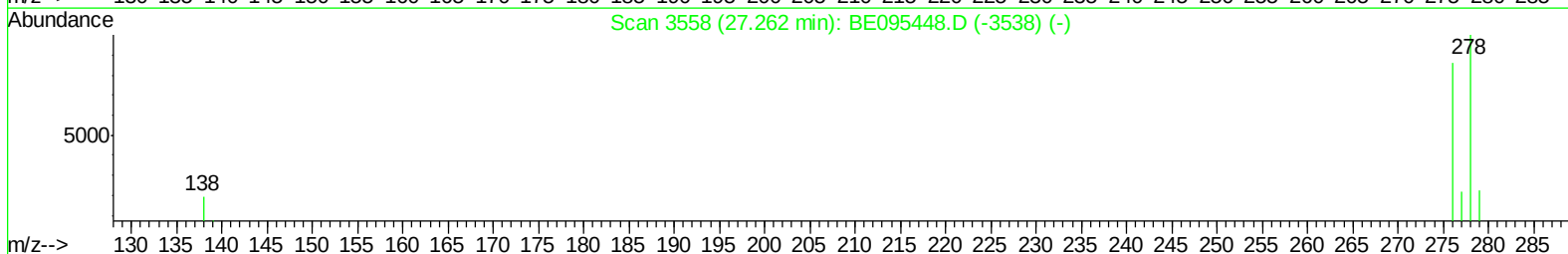
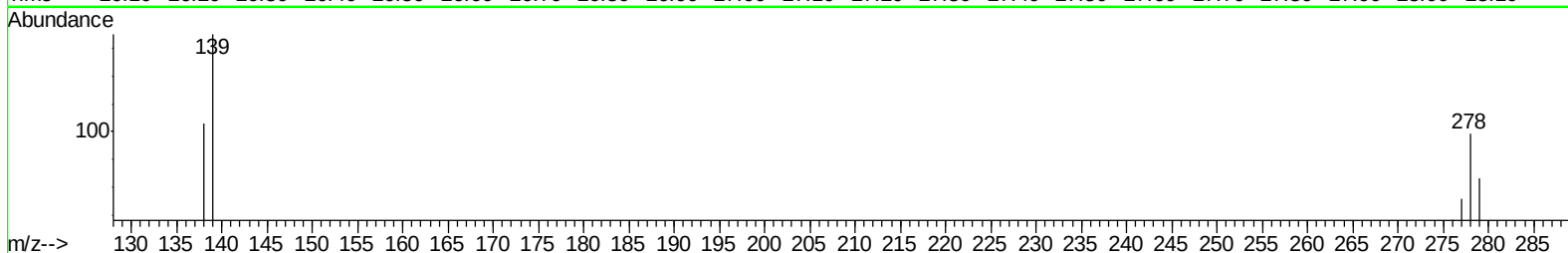
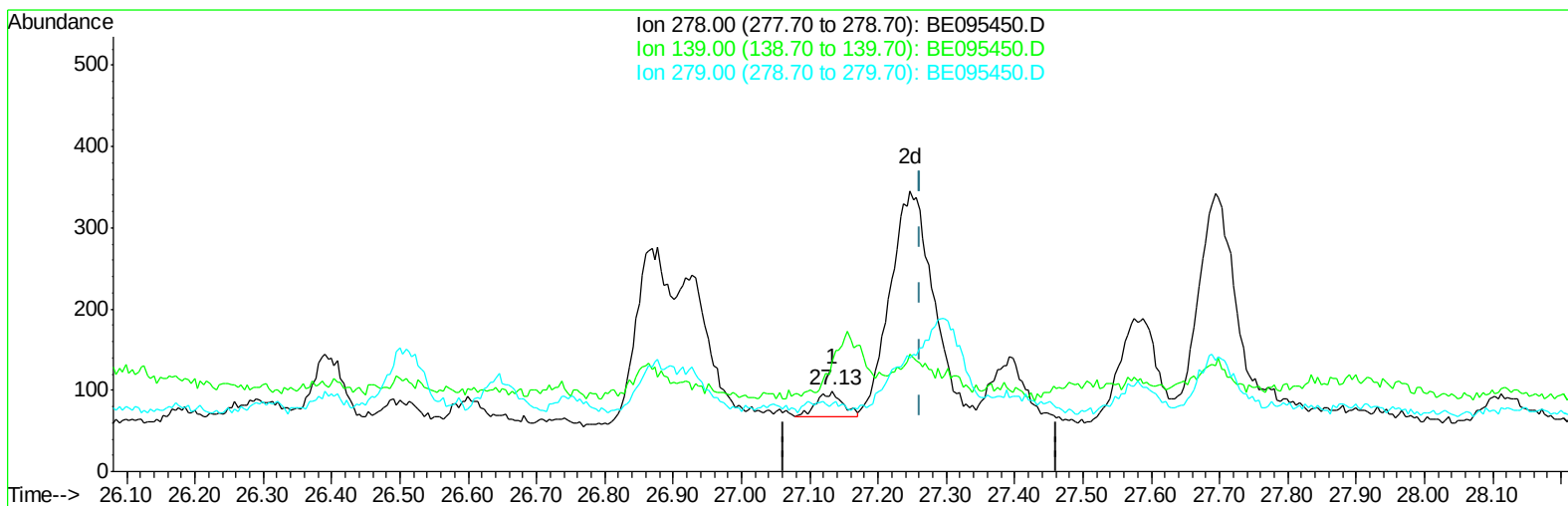
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
 Data File : BE095450.D
 Acq On : 3 Feb 2018 22:46
 Operator : SJ/JU
 Sample : J1296-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C27

Manual Integrations
 APPROVED

Sohil
 2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 04:46:10 2018
 Response via : Initial Calibration



TIC: BE095450.D

(25) Dibenzo(a,h)anthracene

27.133min (-0.129) 0.00ng/ul

response 77

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	136.36#
279.00	32.40	83.84#
0.00	0.00	0.00

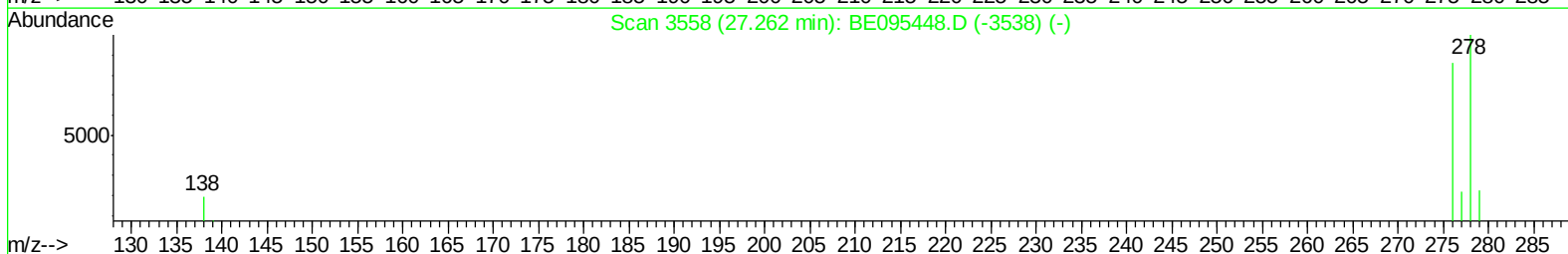
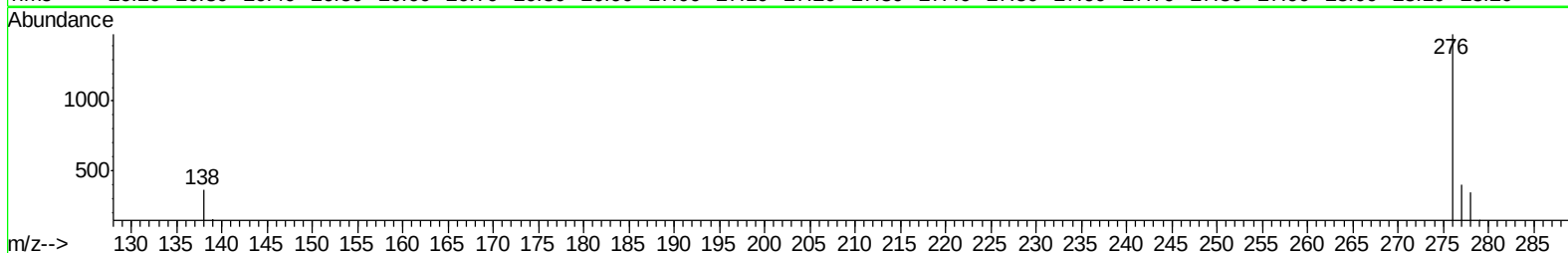
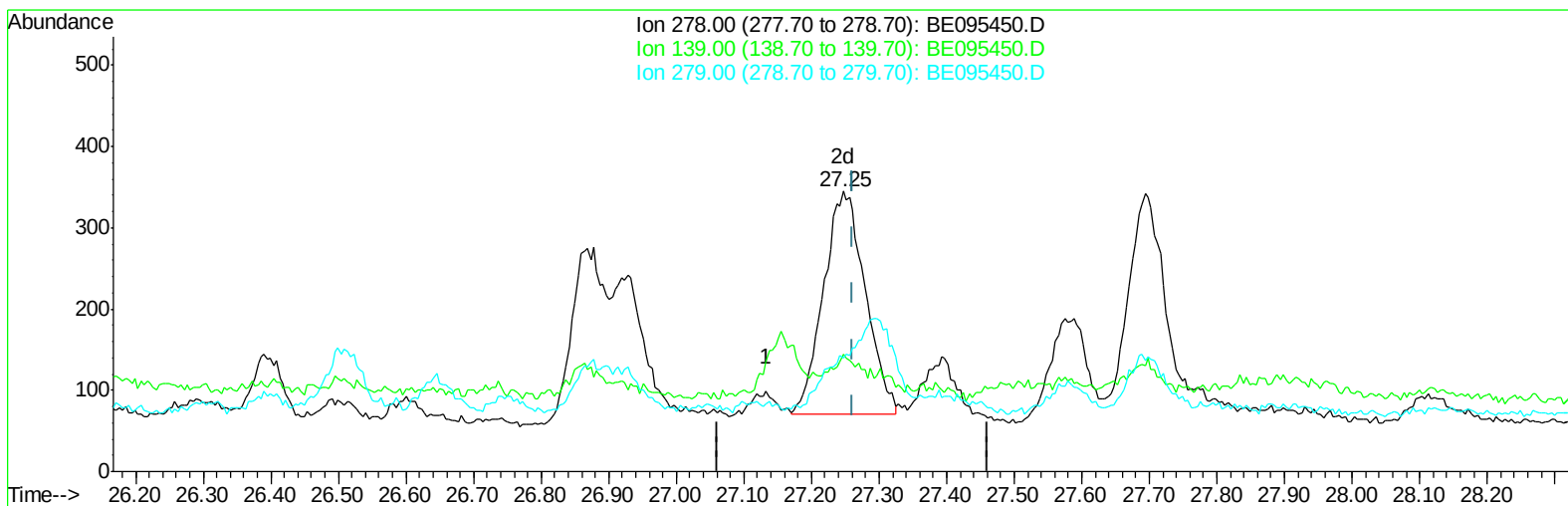
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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TIC: BE095450.D

(25) Dibenzo(a,h)anthracene

27.247min (-0.015) 0.06ng/ul m

response 1174

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	42.03#
279.00	32.40	40.58#
0.00	0.00	0.00

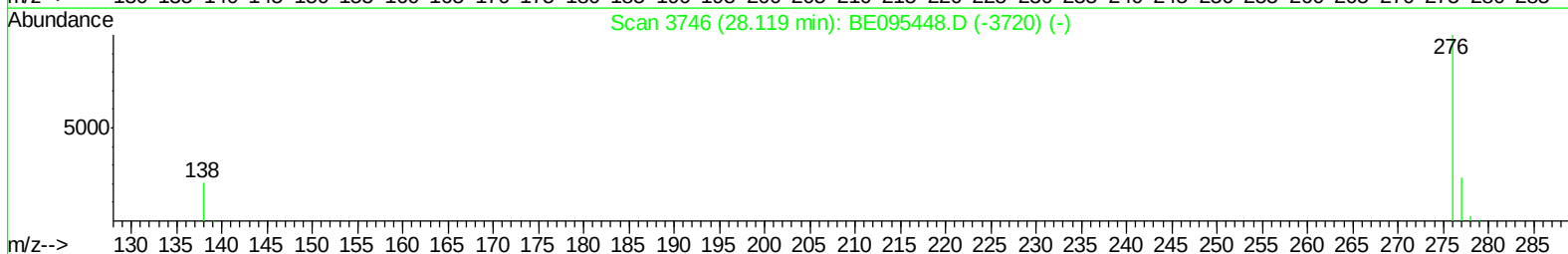
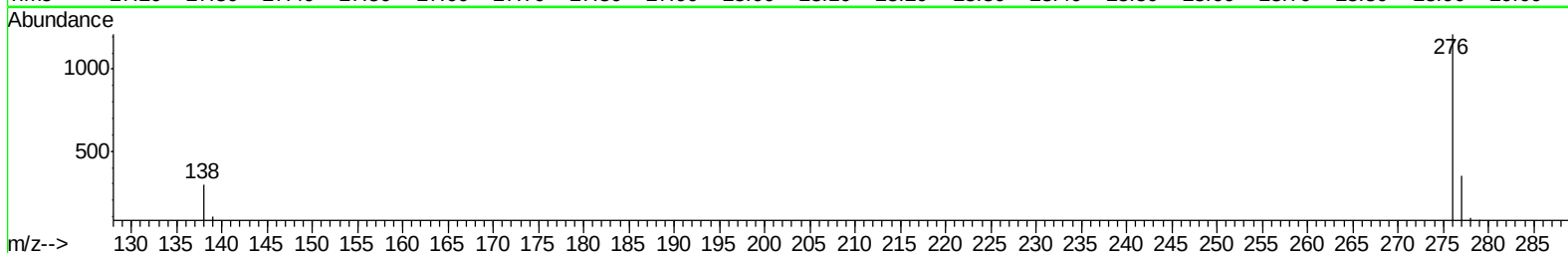
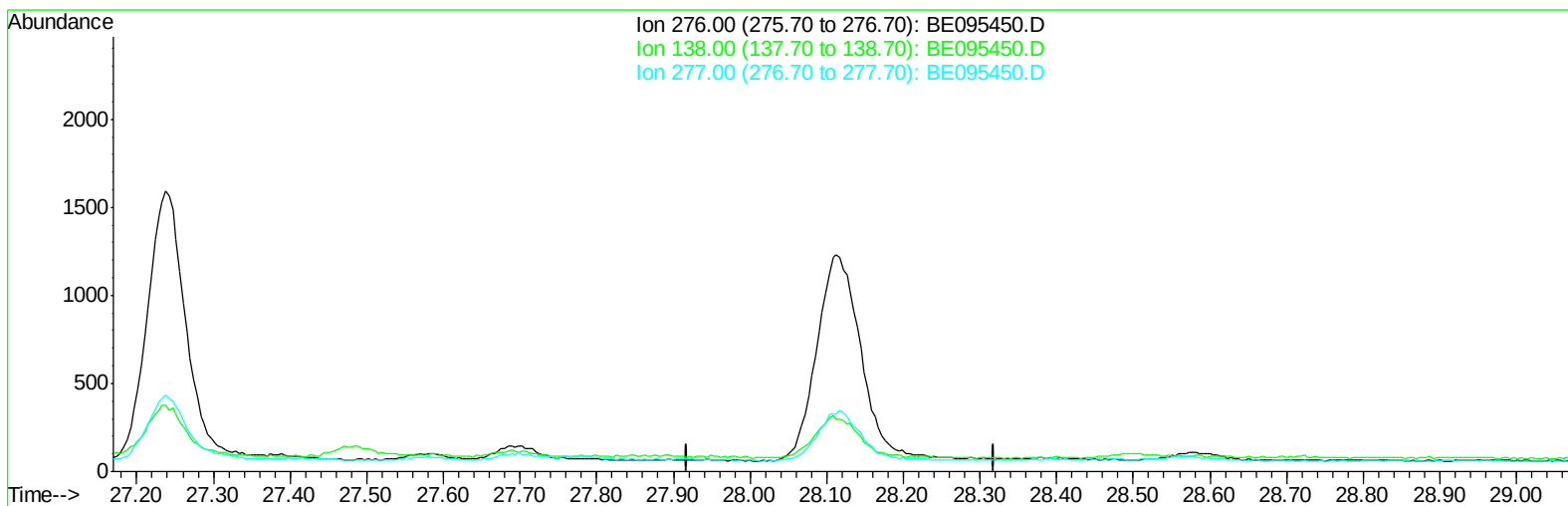
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Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

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

28.119min (-28.119) 0.00ng/ul

response 0

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

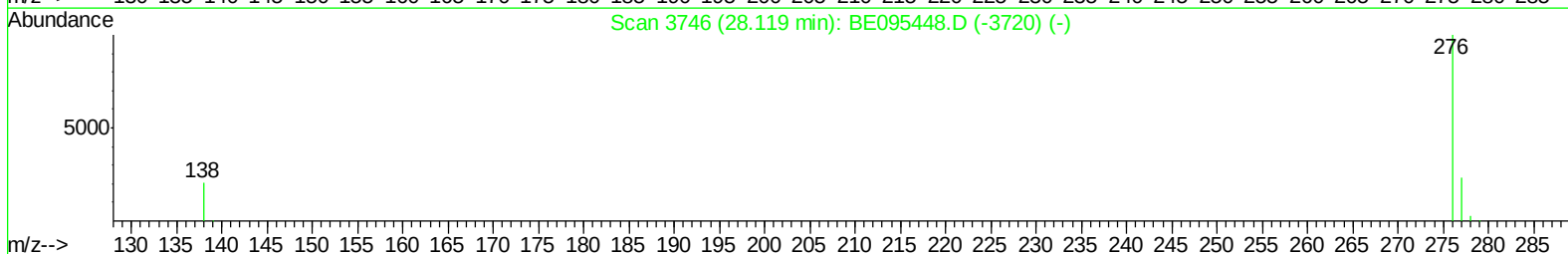
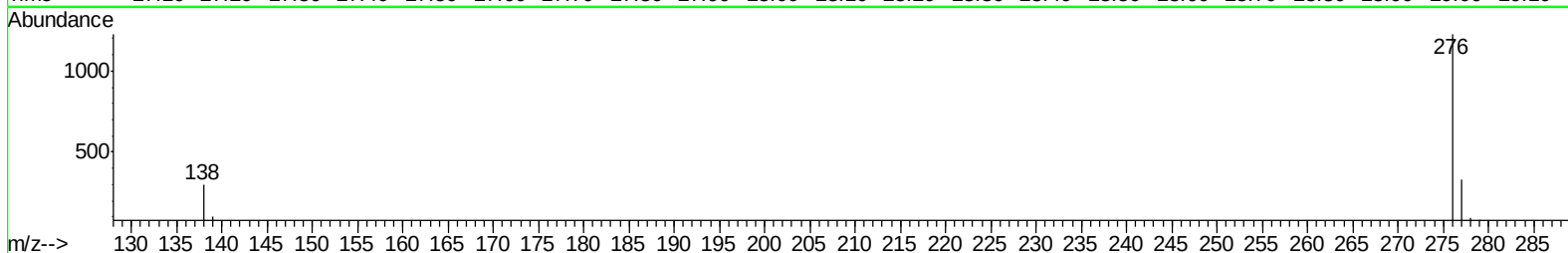
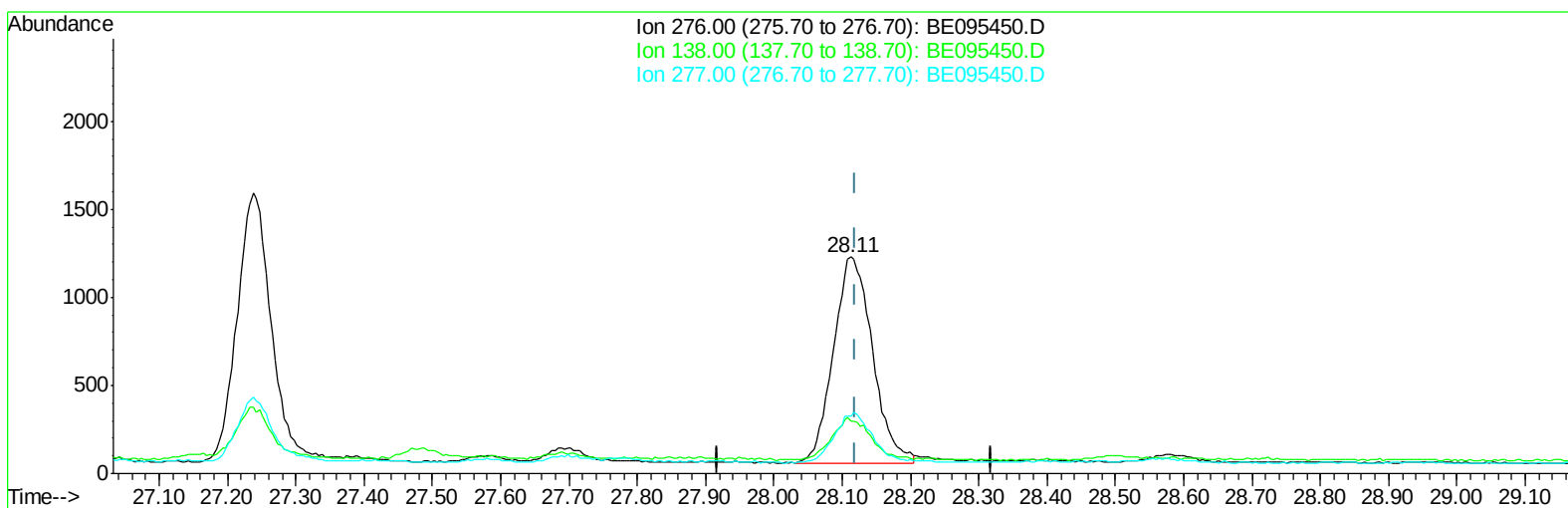
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095450.D
Acq On : 3 Feb 2018 22:46
Operator : SJ/JU
Sample : J1296-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C27

Manual Integrations
APPROVED

Sohil
2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:50:05 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095450.D

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

28.113min (-0.006) 0.25ng/ul m

response 4666

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	24.21
277.00	25.60	26.81
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
 Data File : BE095450.D
 Acq On : 3 Feb 2018 22:46
 Operator : SJ/JU
 Sample : J1296-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C27

Manual Integrations
 APPROVED

Sohil
 2/5/2018 7:02:26 PM

Quant Time: Feb 05 05:52:07 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 04:46:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1814	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5399	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3529	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7259	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7420	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6466m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3695	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	9304	0.33	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	1780	0.105	ng/ul	93
11) Pentachlorophenol	17.36	266	11201	7.967	ng/ul	96
12) Phenanthrene	17.75	178	6648m	0.272	ng/ul	
13) Anthracene	17.84	178	3788	0.170	ng/ul	95
15) Fluoranthene	19.72	202	37873	1.198	ng/ul	84
17) Pyrene	20.08	202	35928	1.443	ng/ul#	77
18) Benzo(a)anthracene	21.78	228	13270	0.572	ng/ul#	85
19) Chrysene	21.84	228	13330	0.553	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	18600m	0.815	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	5341m	0.256	ng/ul	
23) Benzo(a)pyrene	24.32	252	4363m	0.214	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	5324m	0.238	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	1174m	0.064	ng/ul	
26) Benzo(g,h,i)perylene	28.11	276	4666m	0.247	ng/ul	

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

