

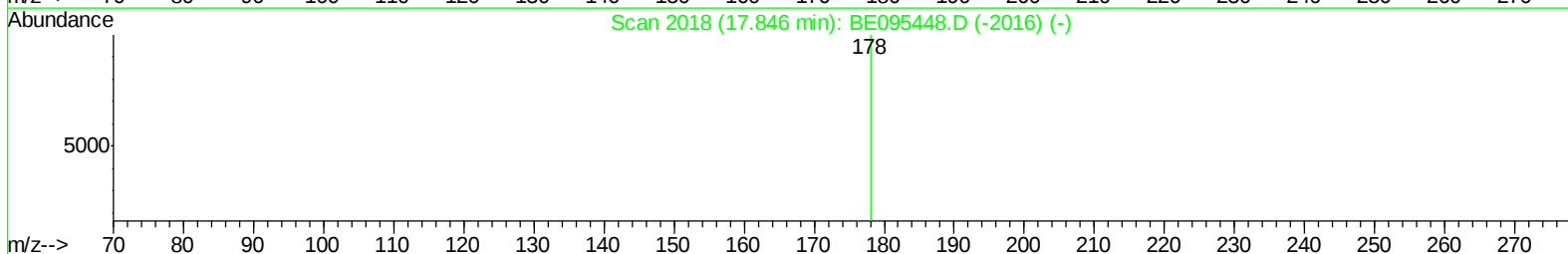
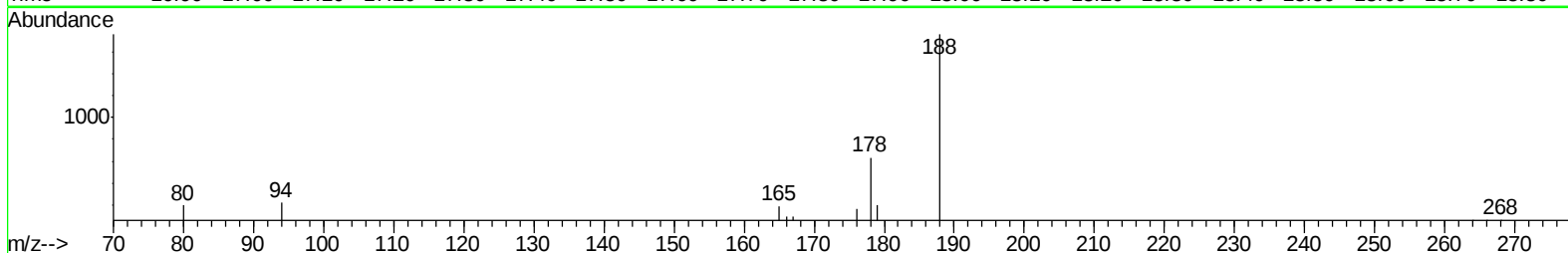
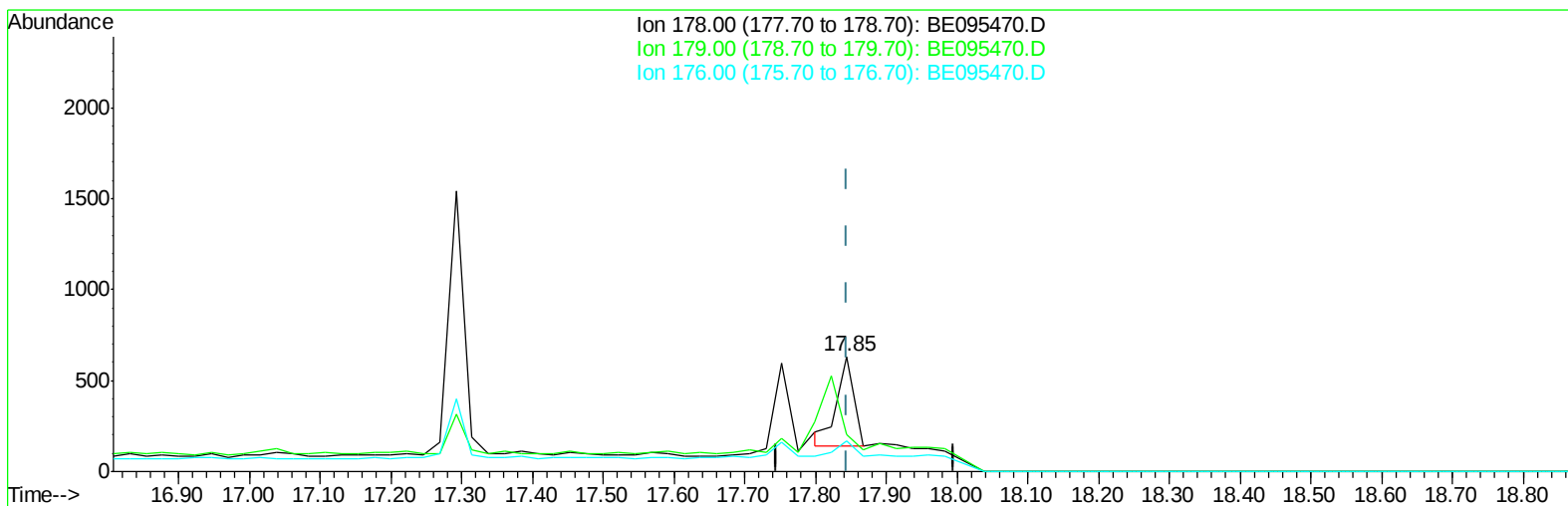
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C79

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:23:06 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: BE095470.D

(13) Anthracene

17.845min (-0.001) 0.03ng/ul

response 825

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	32.17#
176.00	18.40	26.47#
0.00	0.00	0.00

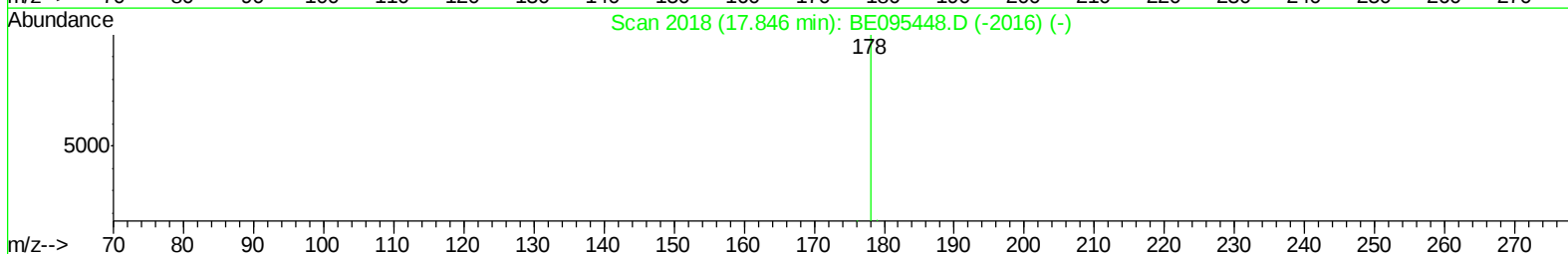
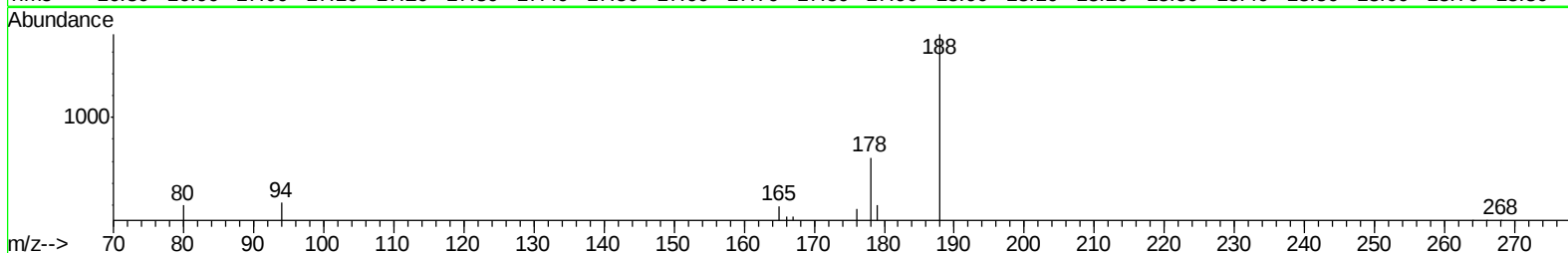
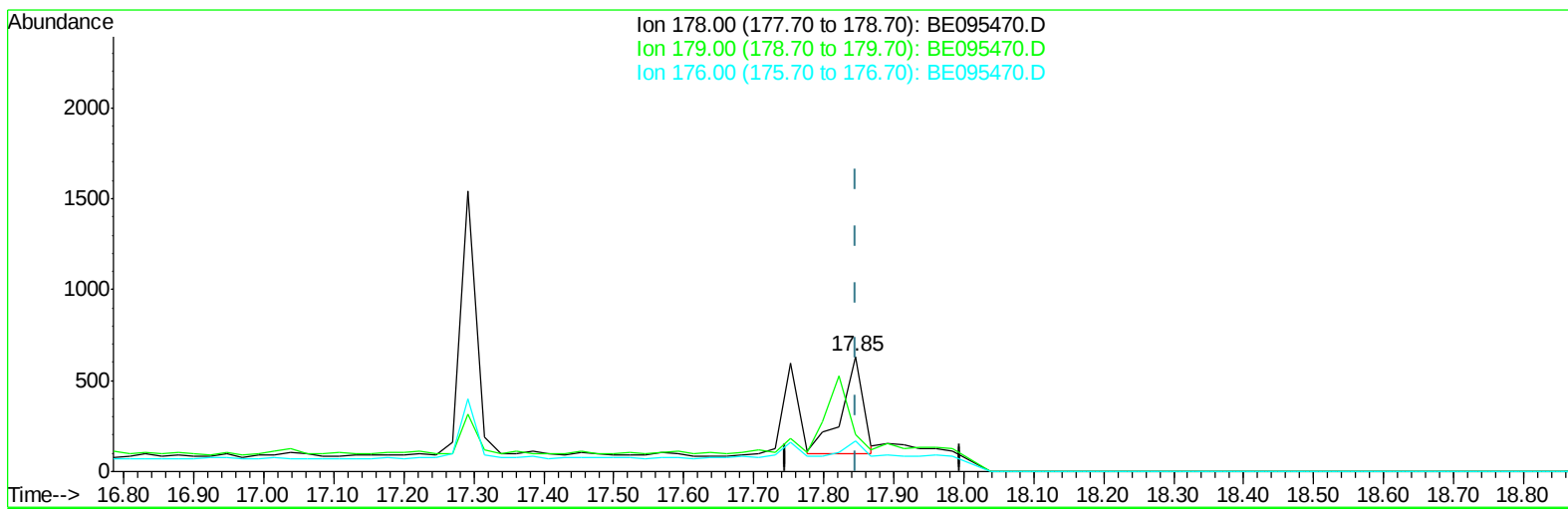
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
 Data File : BE095470.D
 Acq On : 4 Feb 2018 10:39
 Operator : SJ/JU
 Sample : J1315-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C79

Manual Integrations
 APPROVED

Sohil
 2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:23:06 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: BE095470.D

(13) Anthracene

17.845min (-0.001) 0.05ng/ul m

response 1152

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	32.17#
176.00	18.40	26.47#
0.00	0.00	0.00

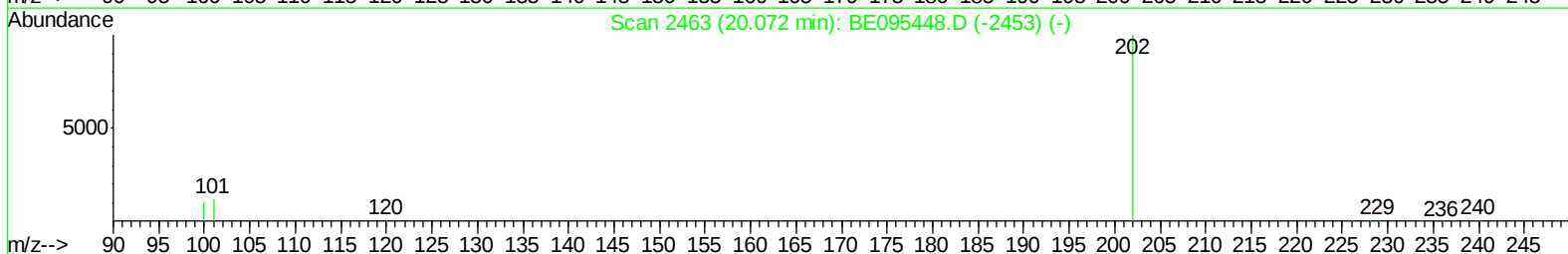
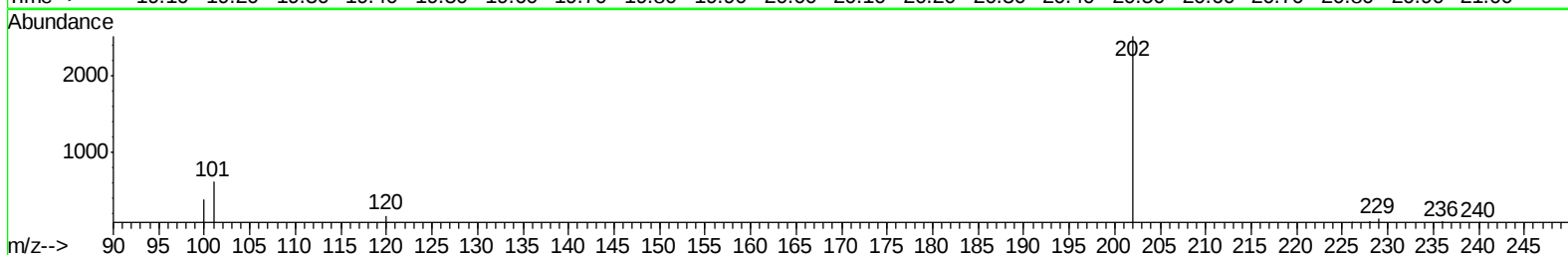
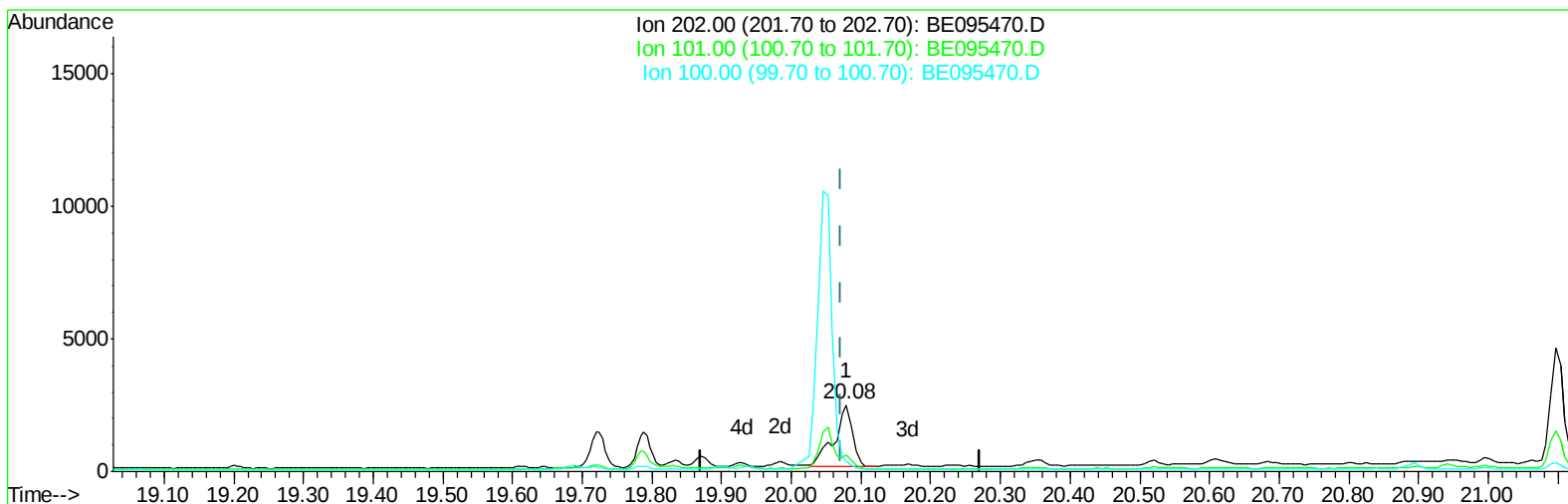
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:23:06 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: BE095470.D

(17) Pyrene

20.079min (+0.008) 0.17ng/ul

response 4258

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	24.42
100.00	19.50	15.29#
0.00	0.00	0.00

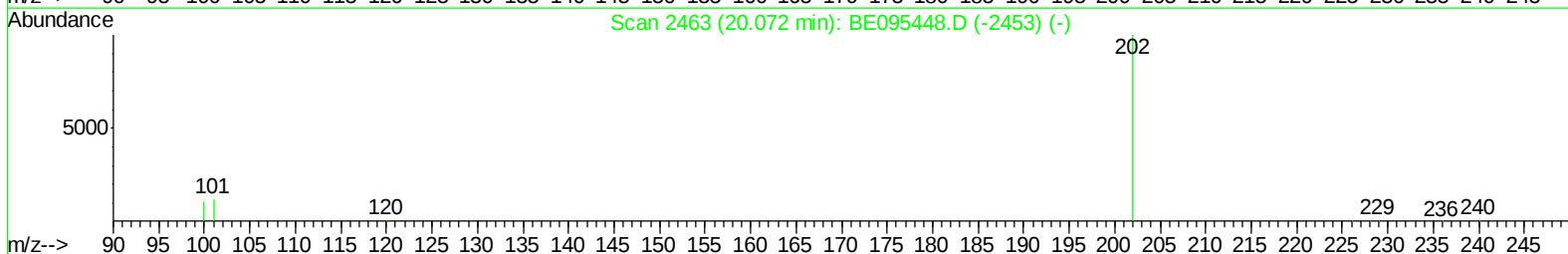
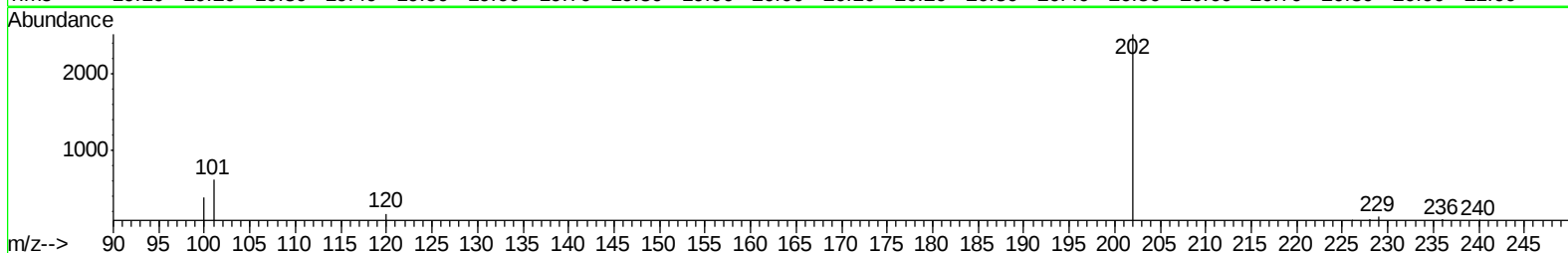
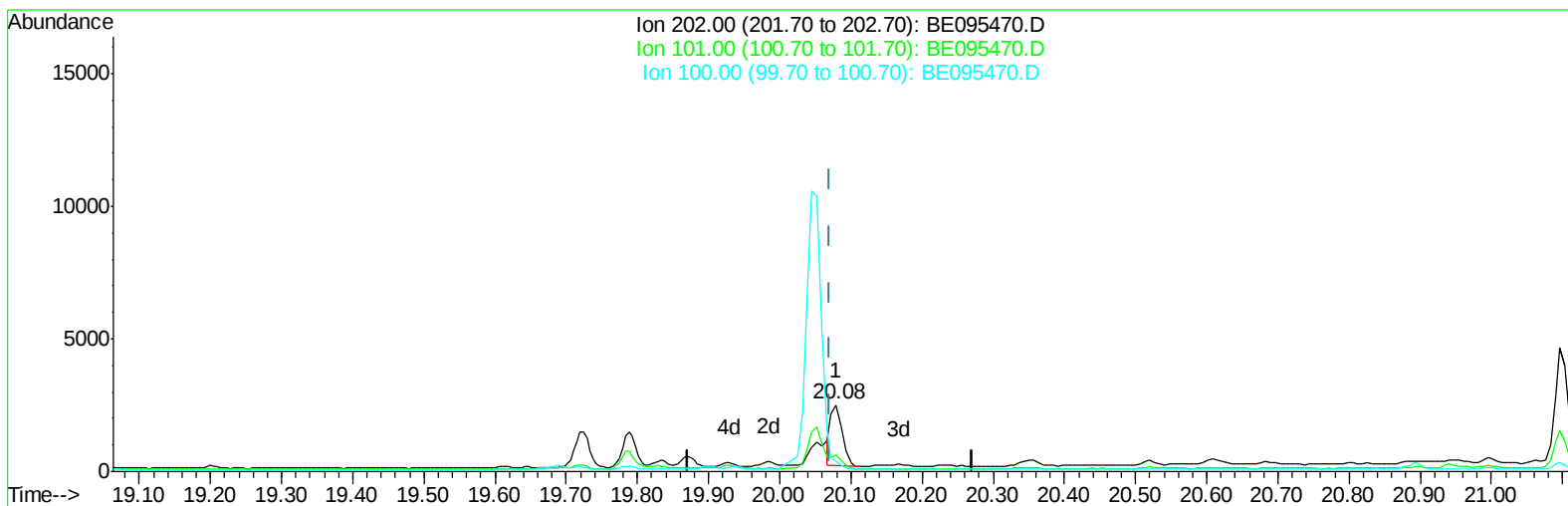
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:23:06 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: BE095470.D

(17) Pyrene

20.079min (+0.008) 0.10ng/ul m

response 2602

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	24.42
100.00	19.50	15.29#
0.00	0.00	0.00

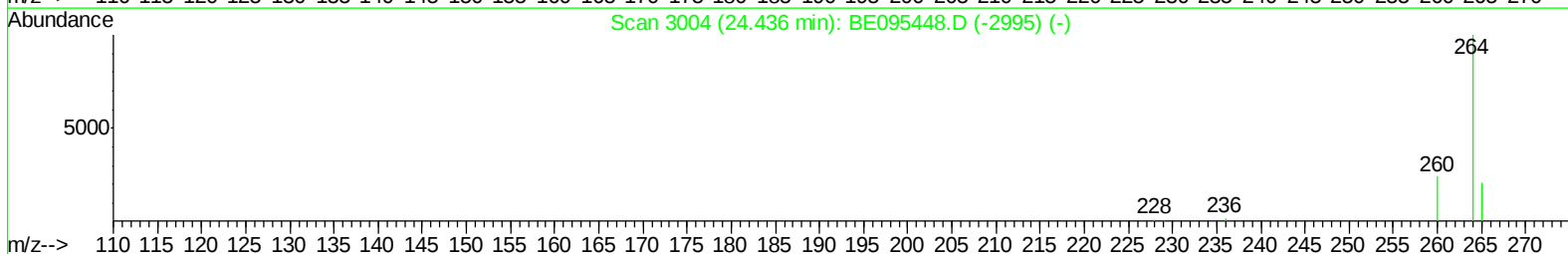
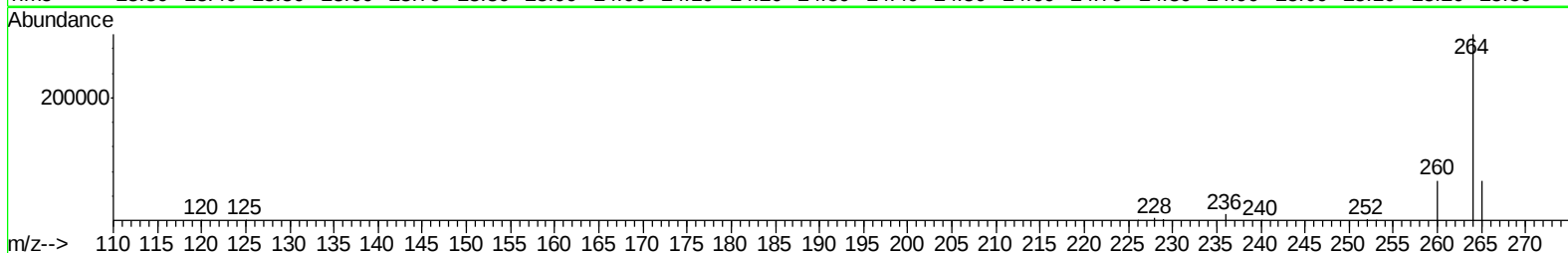
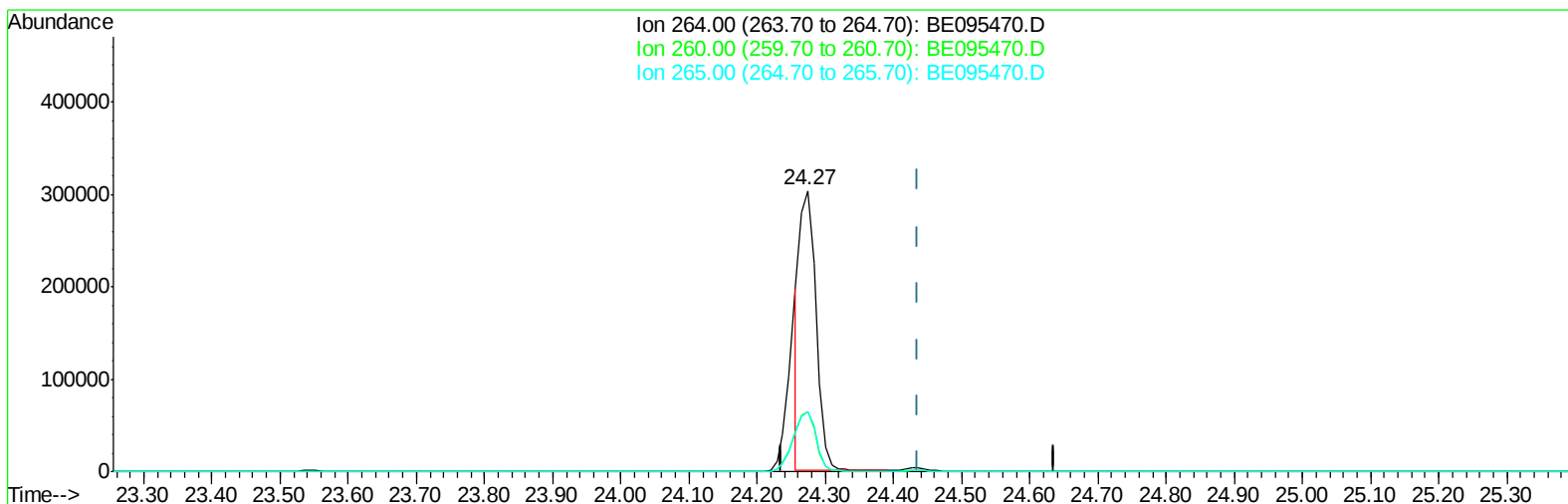
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Feb 05 07:23:06 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration



TIC: BE095470.D

(20) Perylene-d12 (I)

24.274min (-0.163) 0.40ng/ul

response 507154

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.32#
265.00	103.50	21.41#
0.00	0.00	0.00

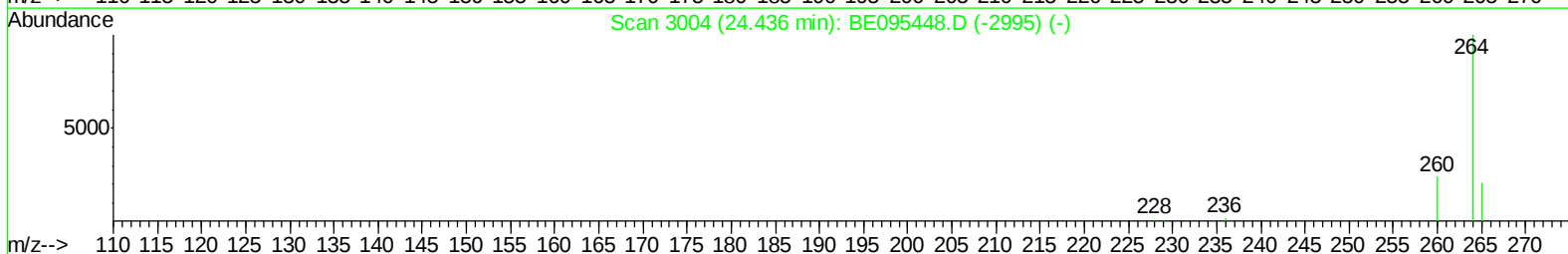
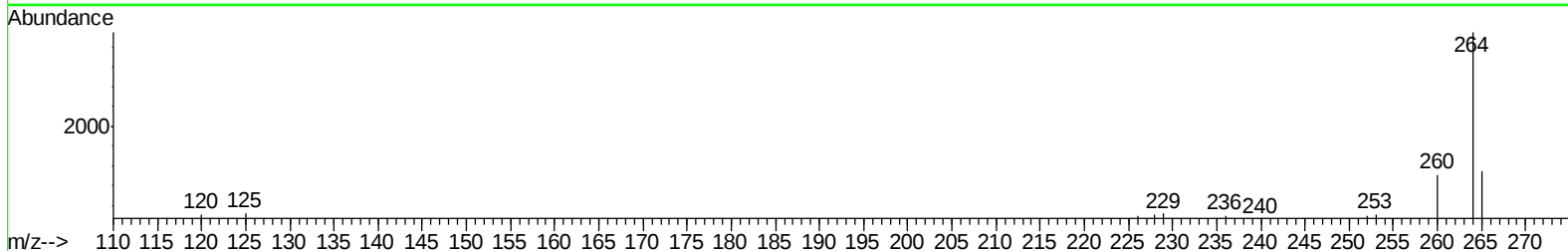
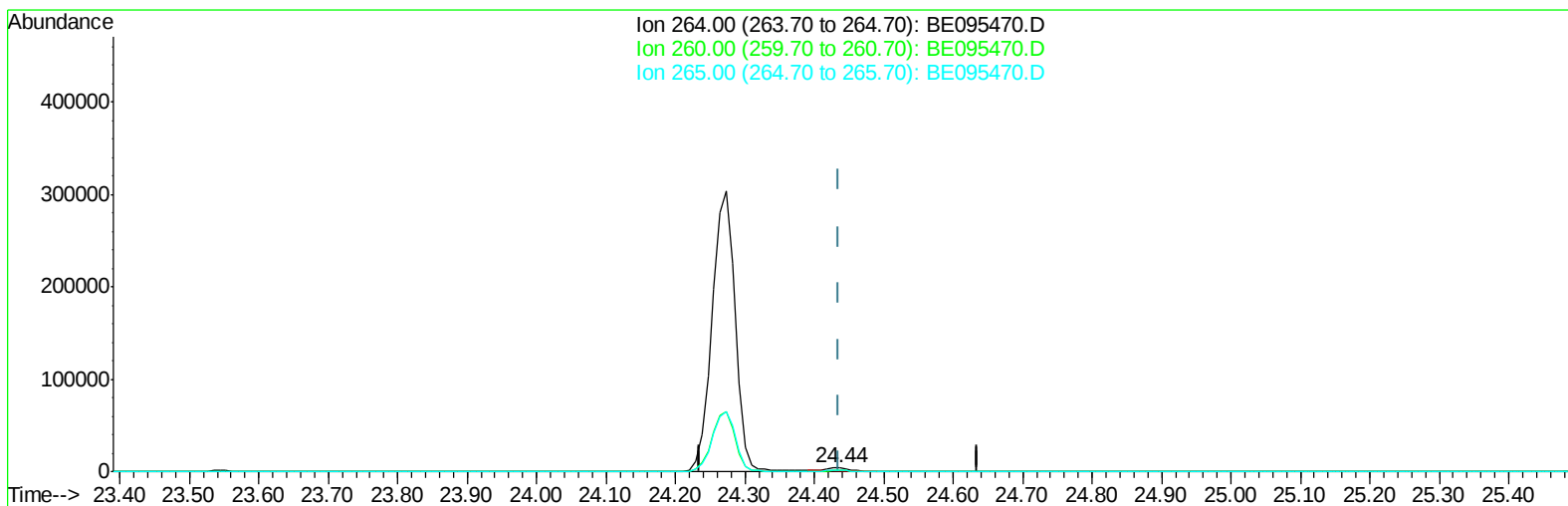
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C79

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:23:06 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: BE095470.D

(20) Perylene-d12 (I)

24.436min (-0.000) 0.40ng/ul m

response 6929

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.08
265.00	103.50	28.02#
0.00	0.00	0.00

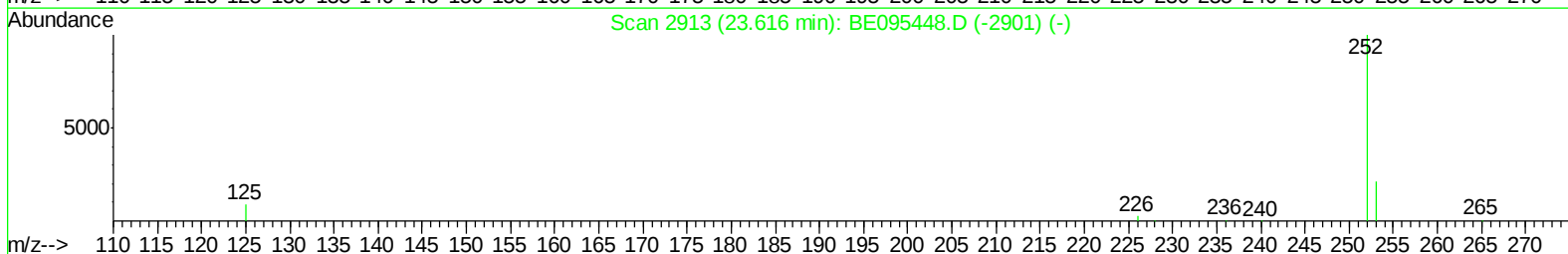
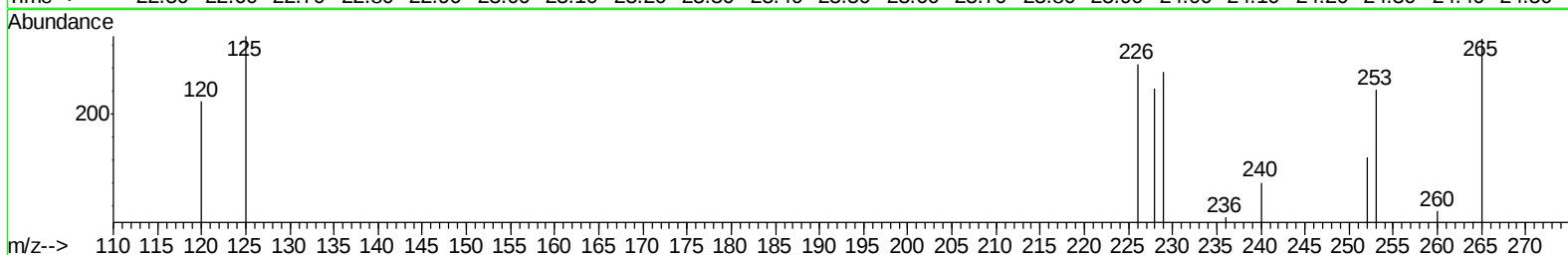
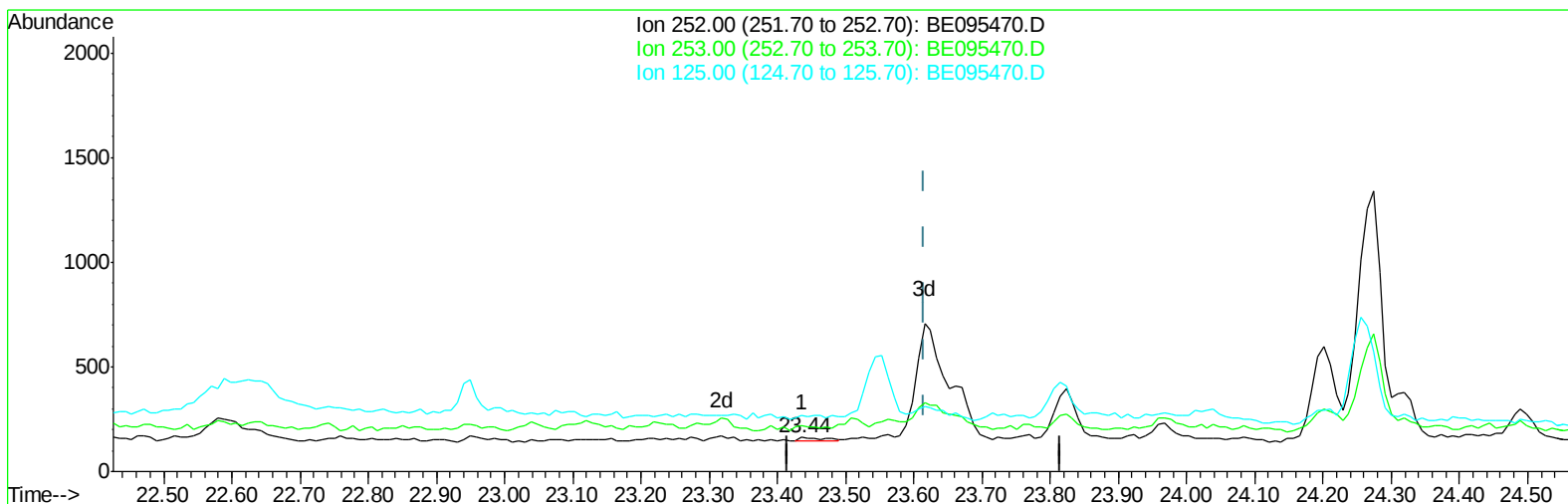
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C79

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:26:07 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



TIC: BE095470.D

(21) Benzo(b)fluoranthene

23.436min (-0.181) 0.00ng/ul

response 32

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	136.42#
125.00	17.50	165.43#
0.00	0.00	0.00

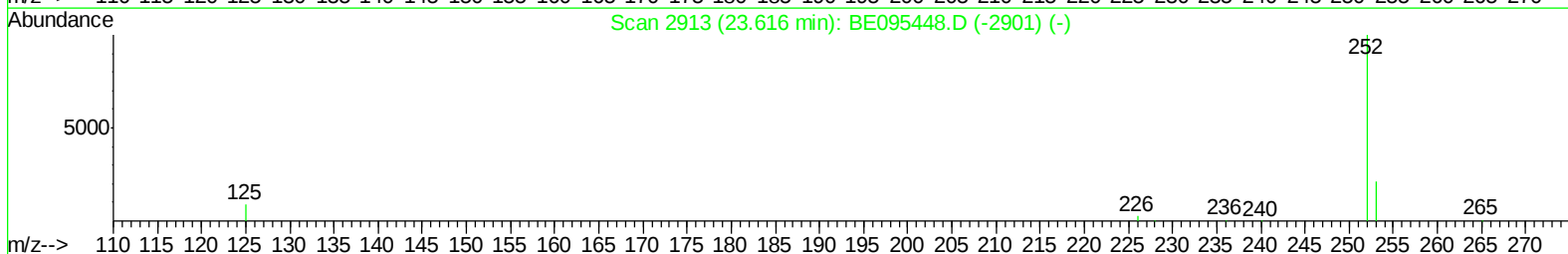
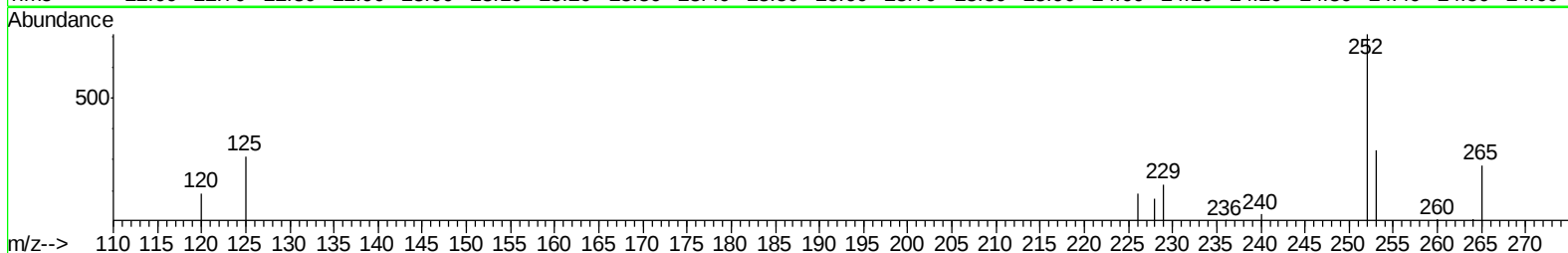
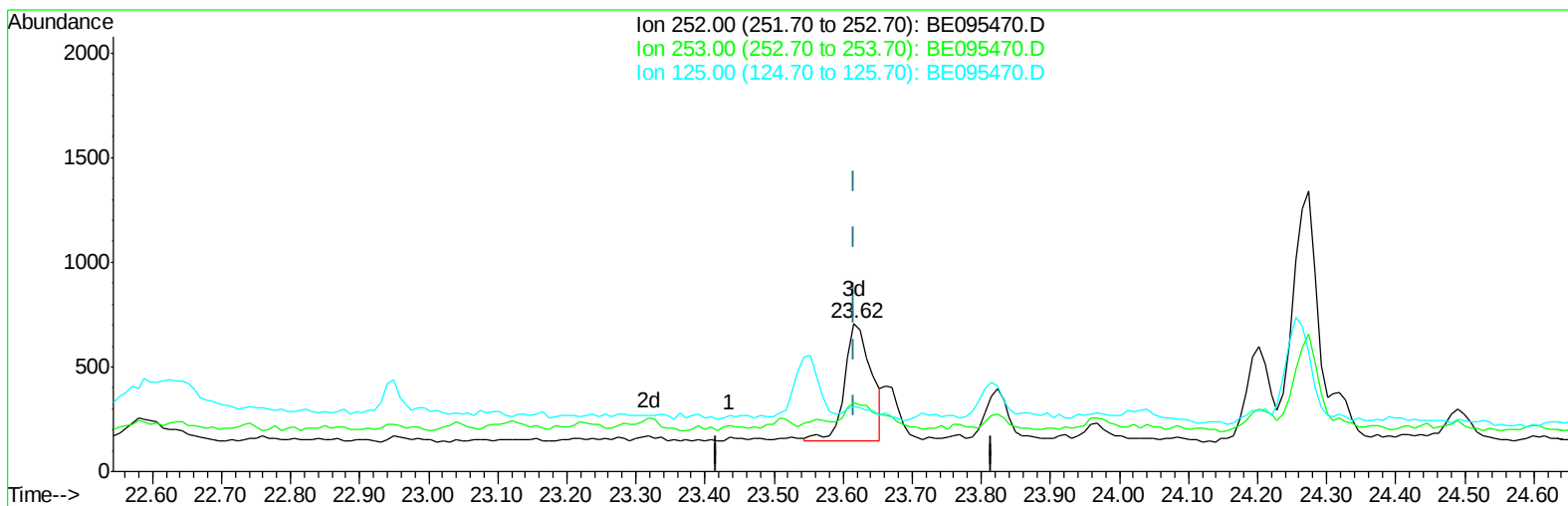
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C79

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:26:07 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



TIC: BE095470.D

(21) Benzo(b)fluoranthene

23.616min (-0.000) 0.06ng/ul m

response 1495

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	46.61
125.00	17.50	43.93#
0.00	0.00	0.00

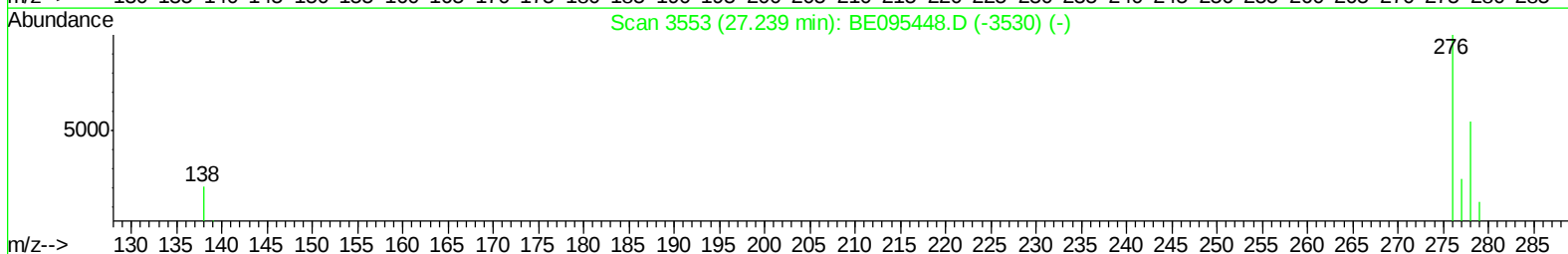
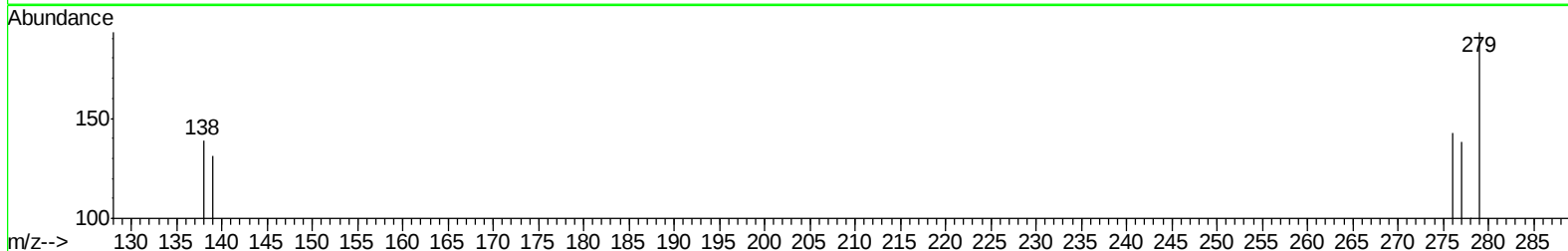
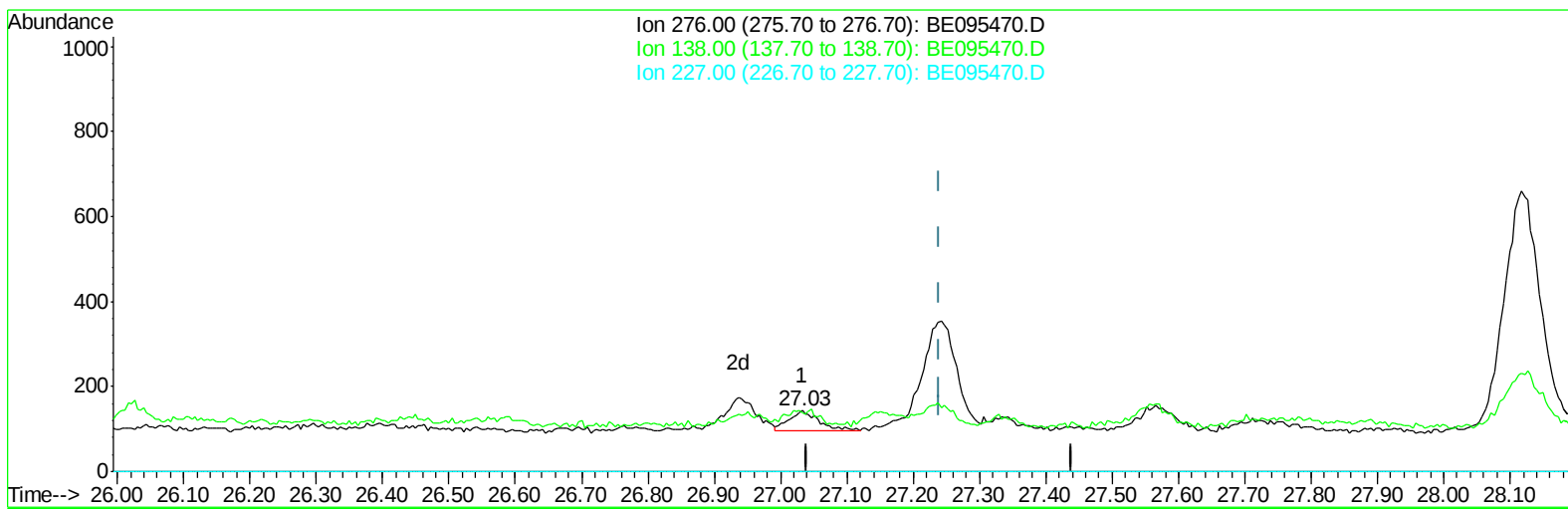
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C79

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:26:49 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: BE095470.D

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

27.033min (-0.207) 0.01ng/ul

response 154

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	69.48#
227.00	10.00	0.00#
0.00	0.00	0.00

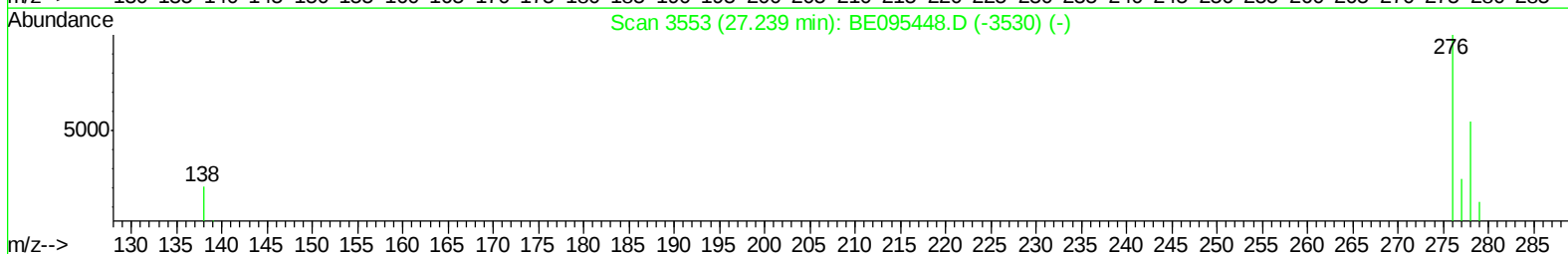
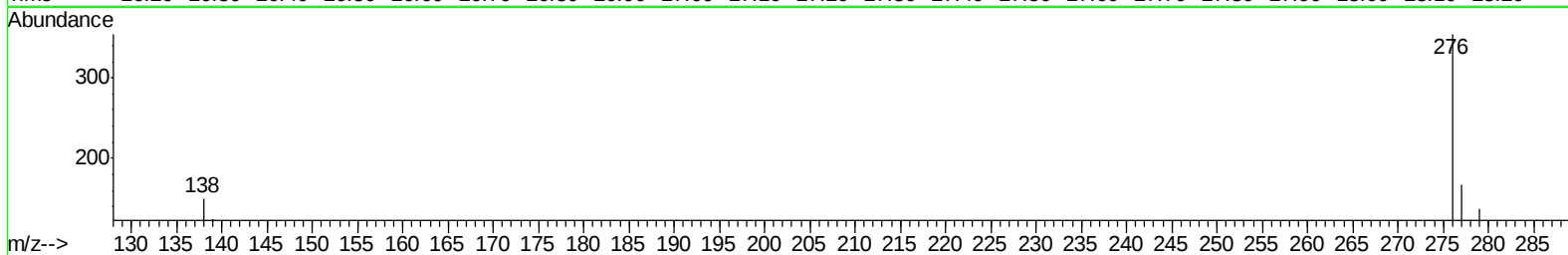
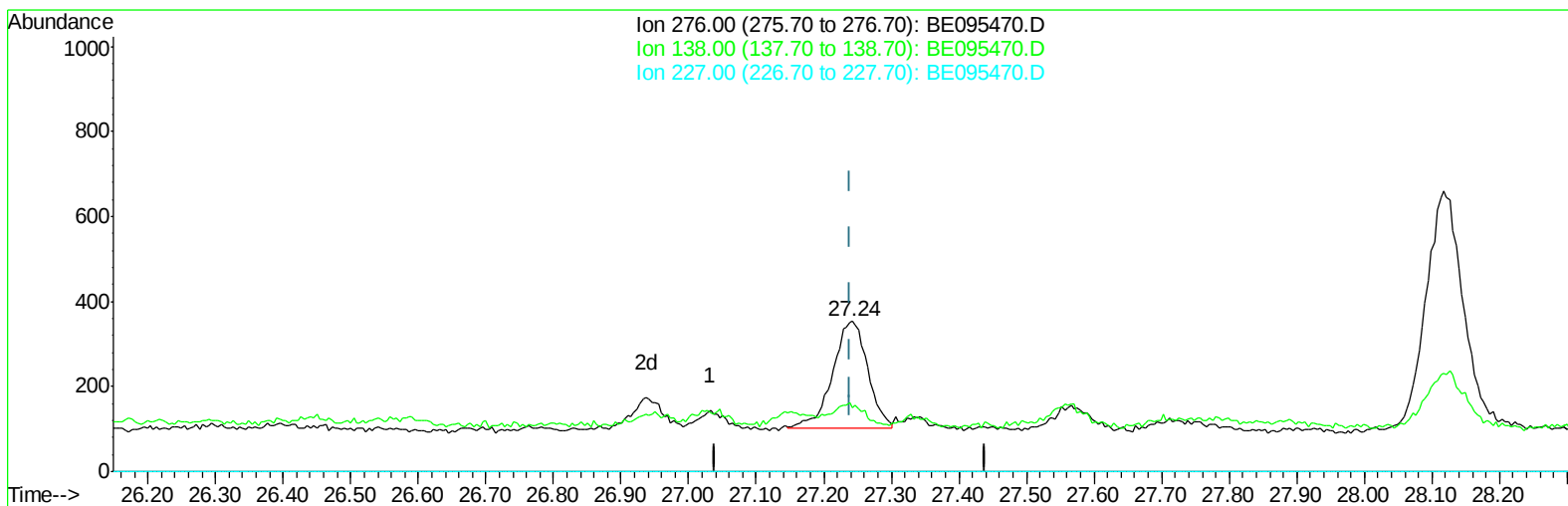
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C79

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:26:49 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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Response via : Initial Calibration



TIC: BE095470.D

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

27.242min (+0.003) 0.04ng/ul m

response 896

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	11.94#
227.00	10.00	0.00#
0.00	0.00	0.00

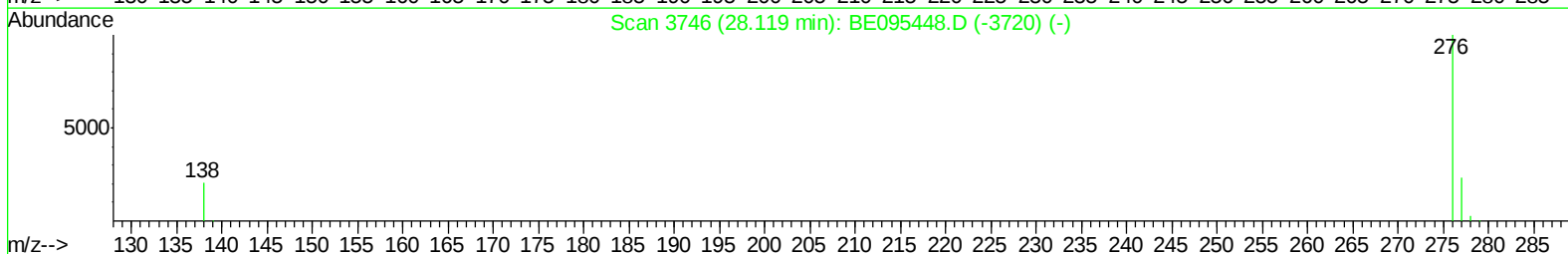
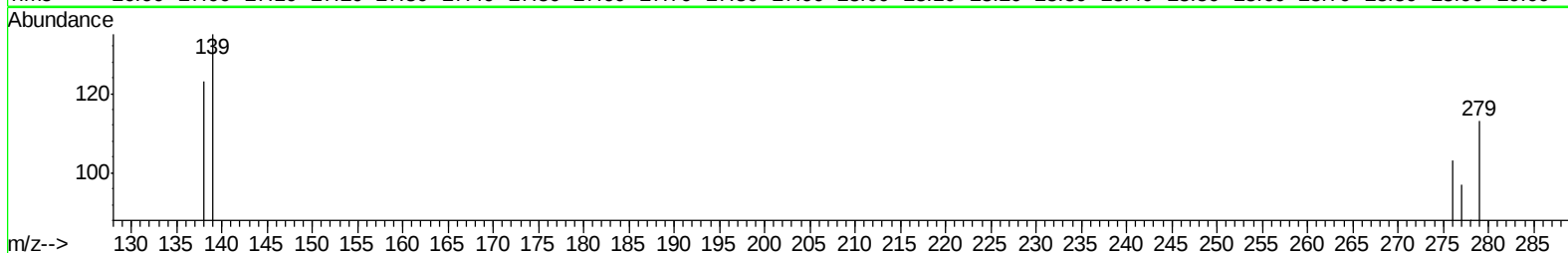
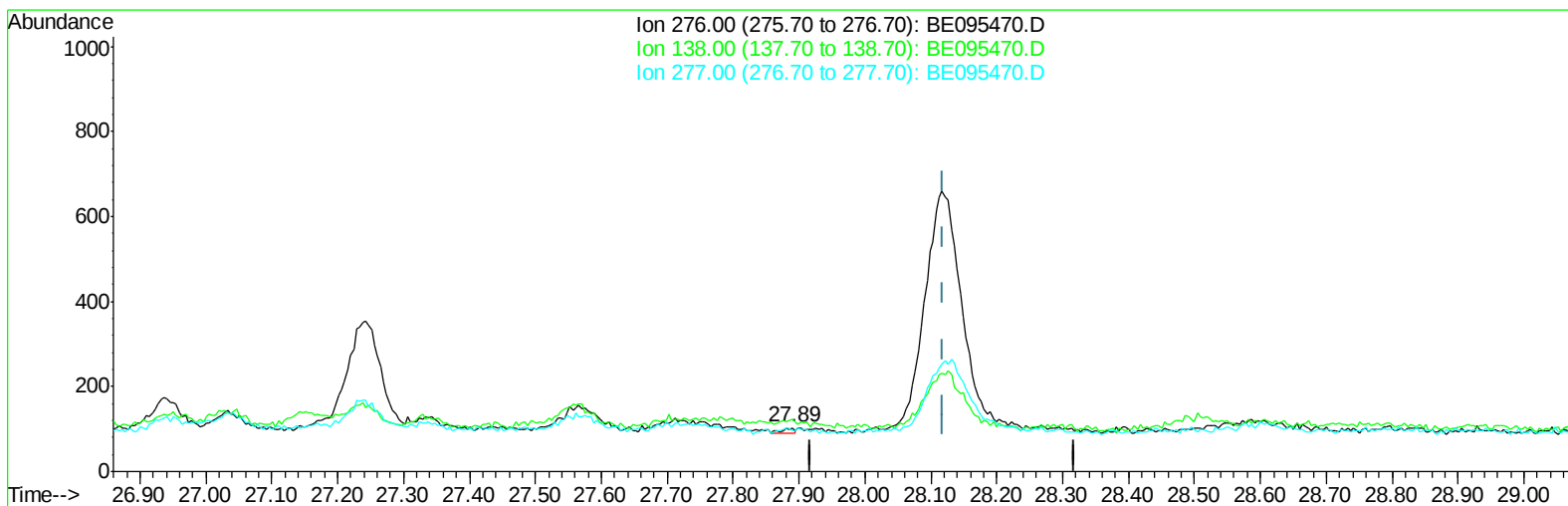
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:26:49 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: BE095470.D

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

27.889min (-0.229) 0.00ng/ul

response 19

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	119.42#
277.00	25.60	94.17#
0.00	0.00	0.00

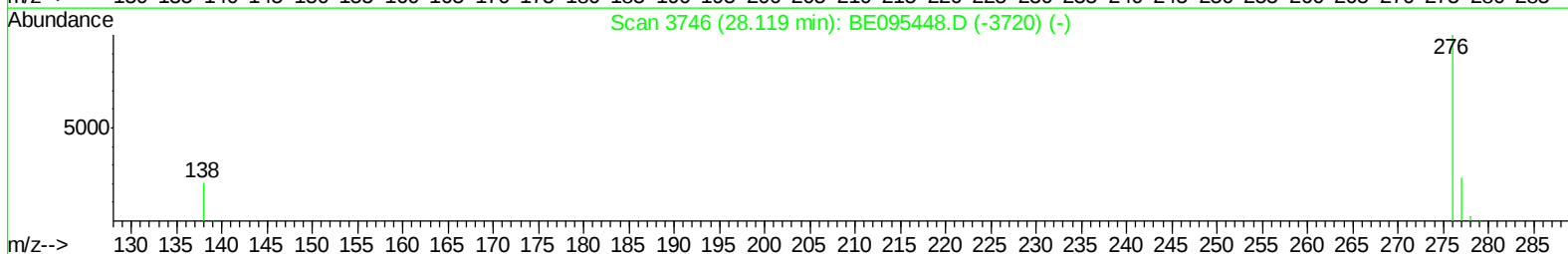
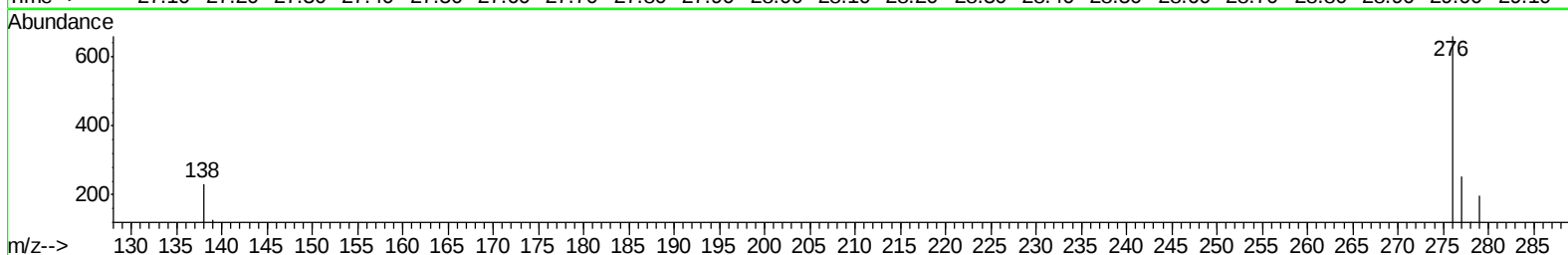
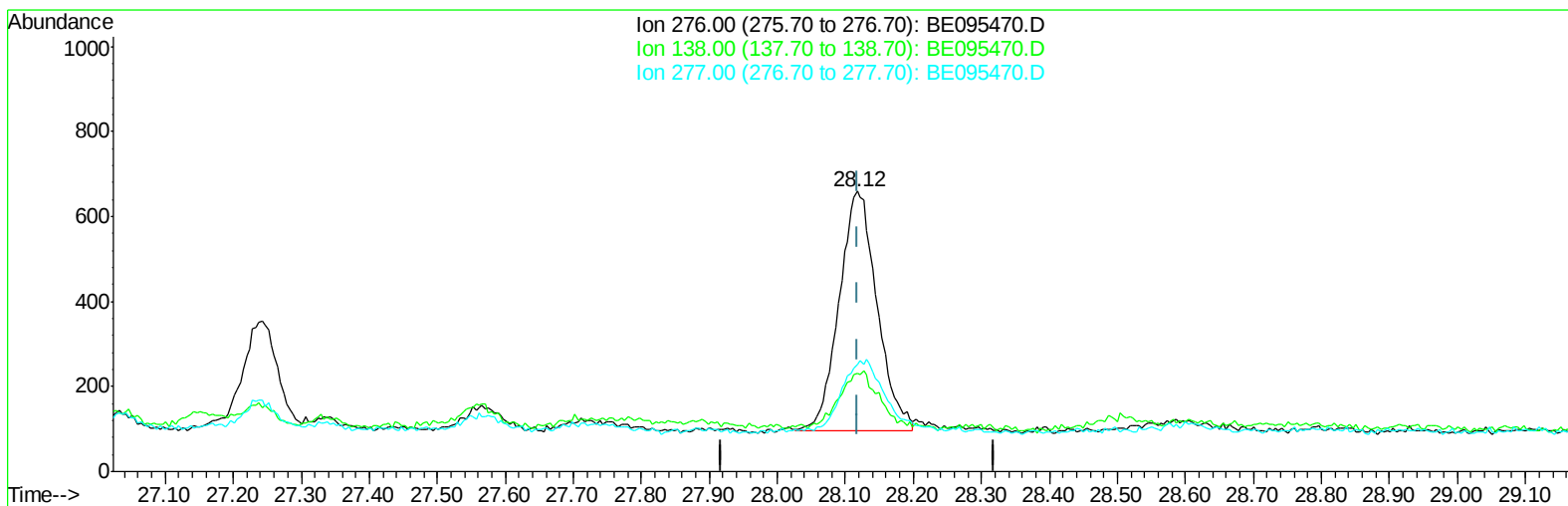
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
Acq On : 4 Feb 2018 10:39
Operator : SJ/JU
Sample : J1315-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Feb 05 07:26:49 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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Response via : Initial Calibration



TIC: BE095470.D

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

28.117min (-0.002) 0.11ng/ul m

response 2183

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	35.00#
277.00	25.60	38.18#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
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 Operator : SJ/JU
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 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C79

Manual Integrations
 APPROVED

Sohil
 2/5/2018 7:01:09 PM

Quant Time: Feb 05 07:28:46 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	1851	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5602	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3802	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8245m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7612	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6929m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4017	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	10740	0.34	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.75	152	2375	0.130	ng/ul	94
11) Pentachlorophenol	17.36	266	4072	2.550	ng/ul	98
12) Phenanthrene	17.75	178	816	0.029	ng/ul#	80
13) Anthracene	17.85	178	1152m	0.045	ng/ul	
15) Fluoranthene	19.72	202	1935	0.054	ng/ul	84
17) Pyrene	20.08	202	2602m	0.102	ng/ul	
18) Benzo(a)anthracene	21.78	228	755	0.032	ng/ul#	45
19) Chrysene	21.84	228	994	0.040	ng/ul#	53
21) Benzo(b)fluoranthene	23.62	252	1495m	0.061	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	896m	0.037	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	2183m	0.108	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095470.D
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Instrument :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Feb 05 07:28:46 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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