

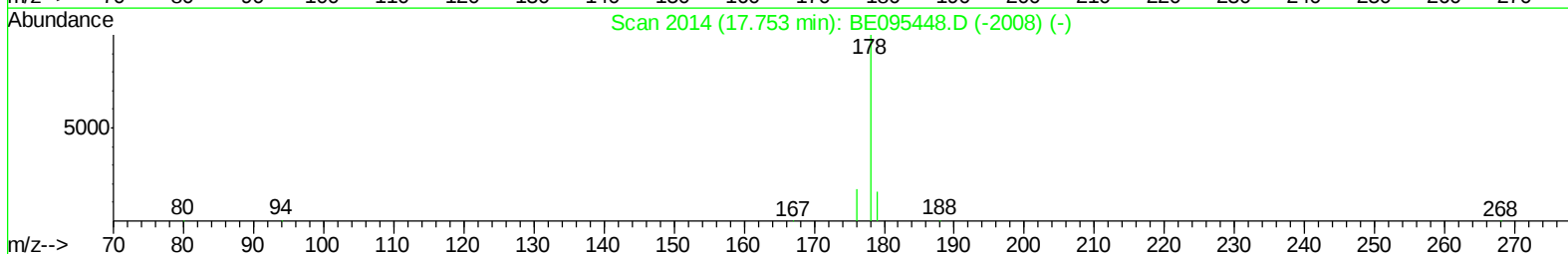
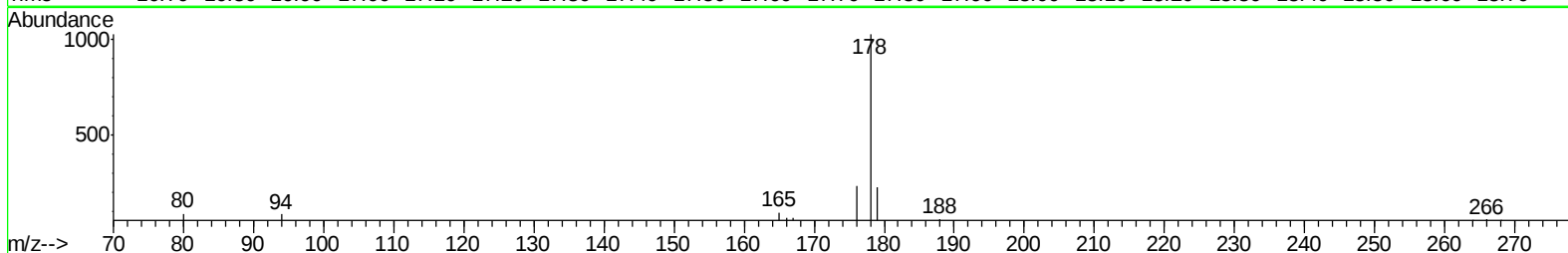
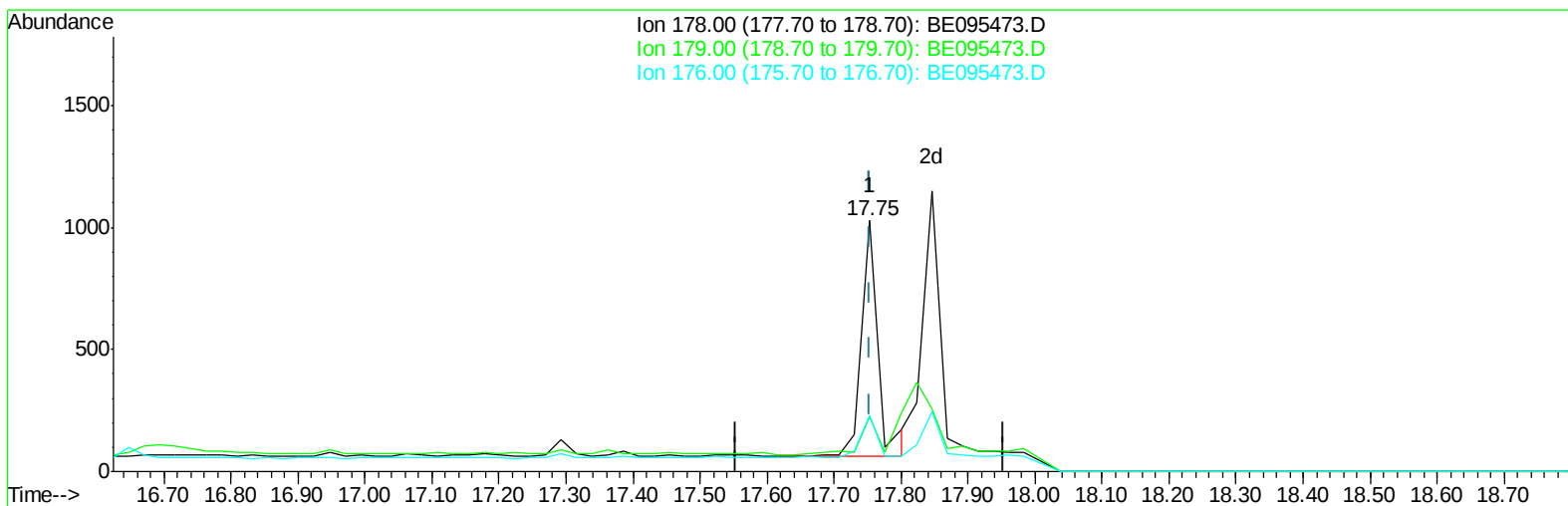
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 06:47:03 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: BE095473.D

(12) Phenanthrene

17.754min (+0.000) 0.06ng/ul

response 1685

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	22.08
176.00	17.00	22.57#
0.00	0.00	0.00

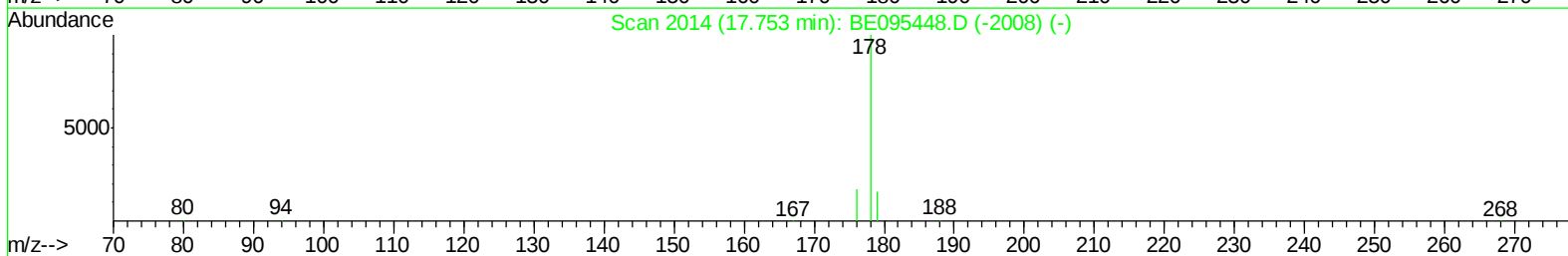
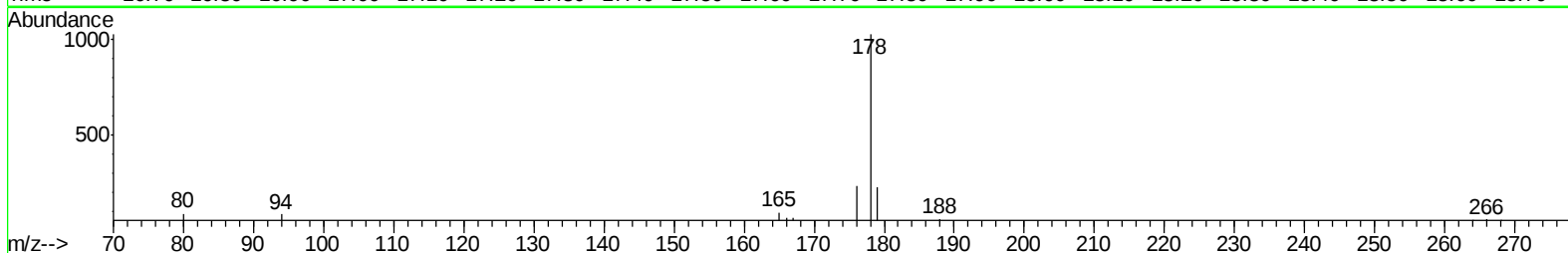
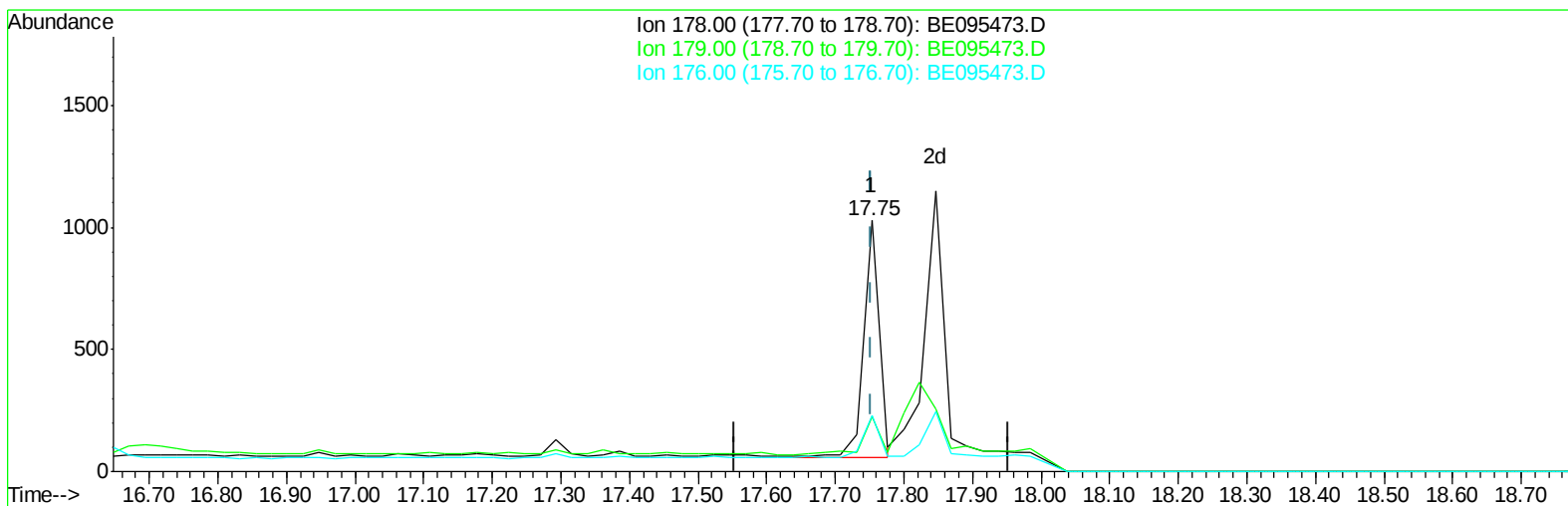
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 06:47:03 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: BE095473.D

(12) Phenanthrene

17.754min (+0.000) 0.05ng/ul m

response 1562

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	22.08
176.00	17.00	22.57#
0.00	0.00	0.00

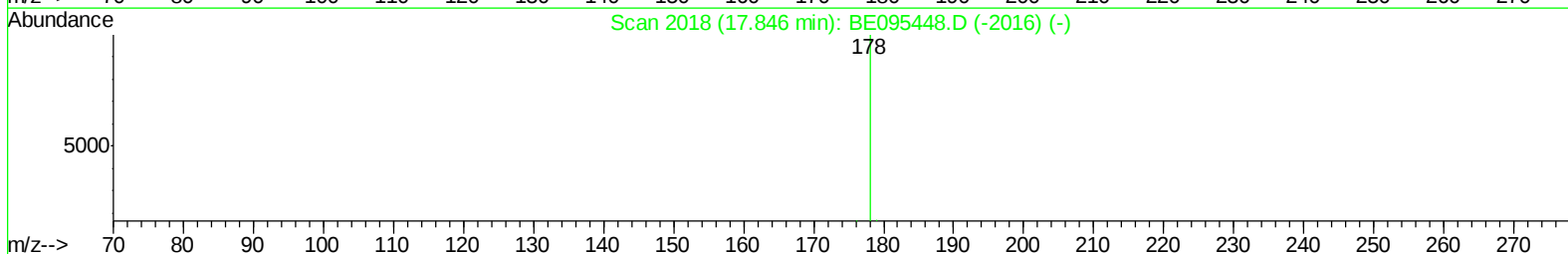
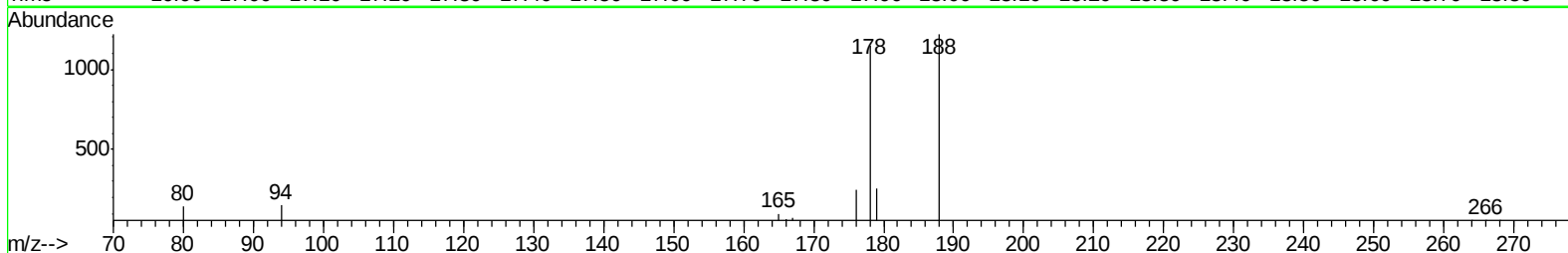
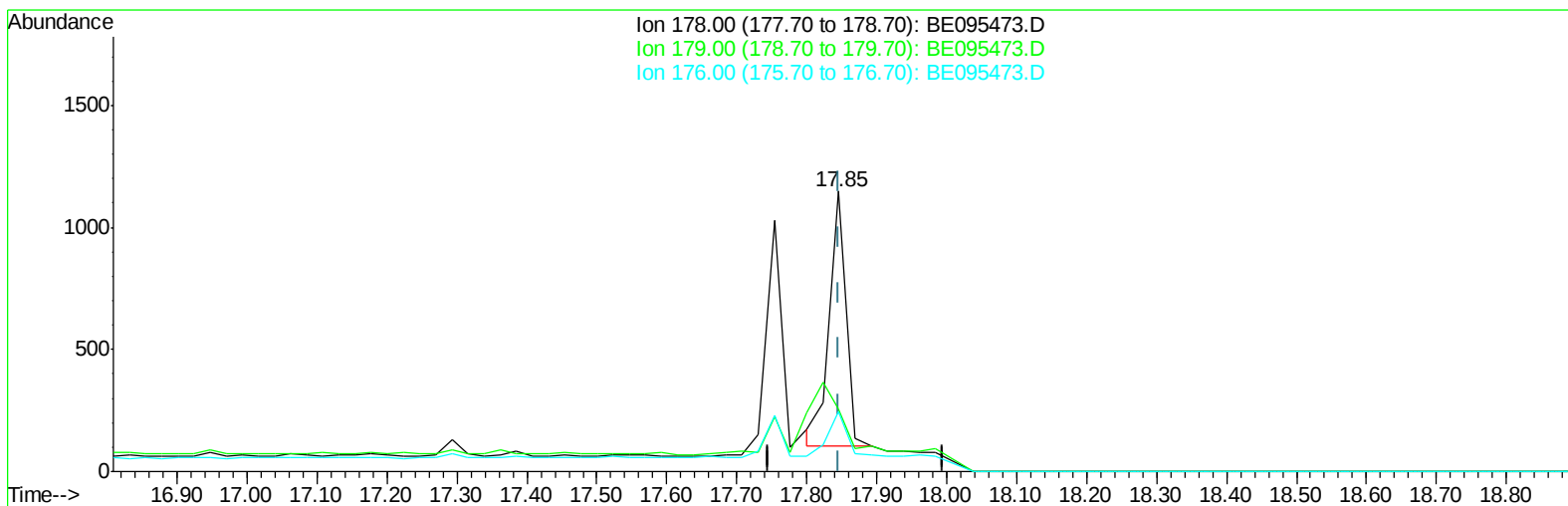
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 06:47:03 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: BE095473.D

(13) Anthracene

17.846min (+0.000) 0.07ng/ul

response 1734

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	22.28
176.00	18.40	21.58
0.00	0.00	0.00

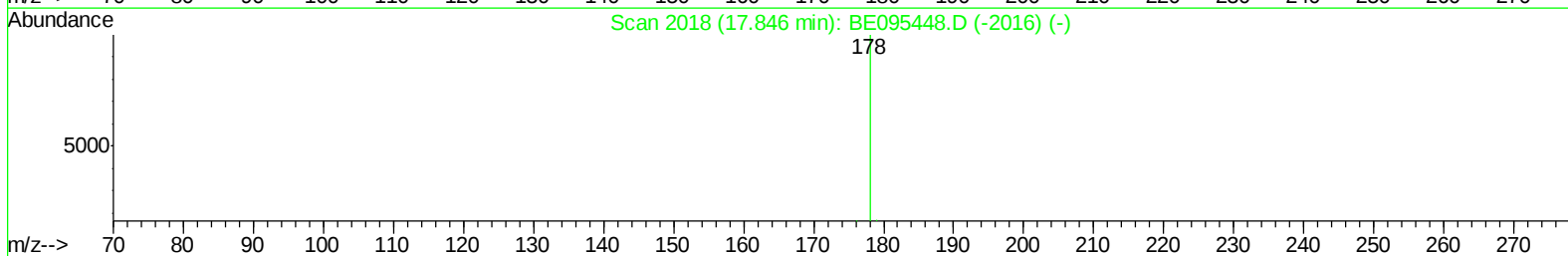
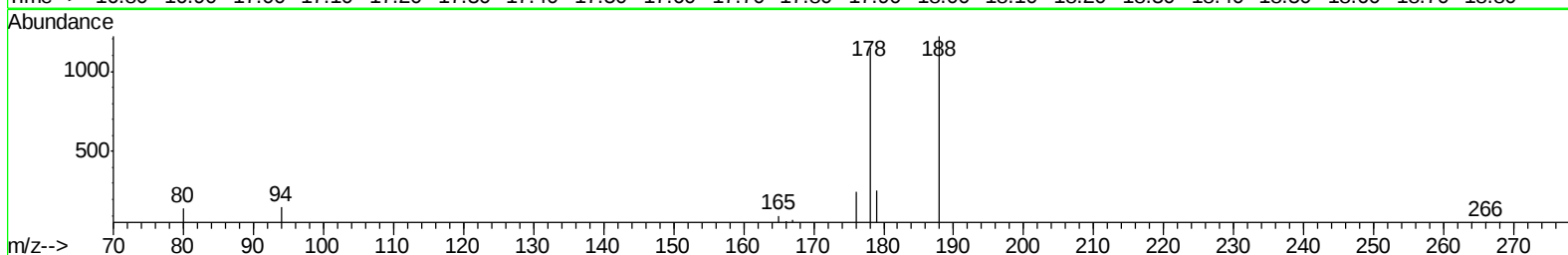
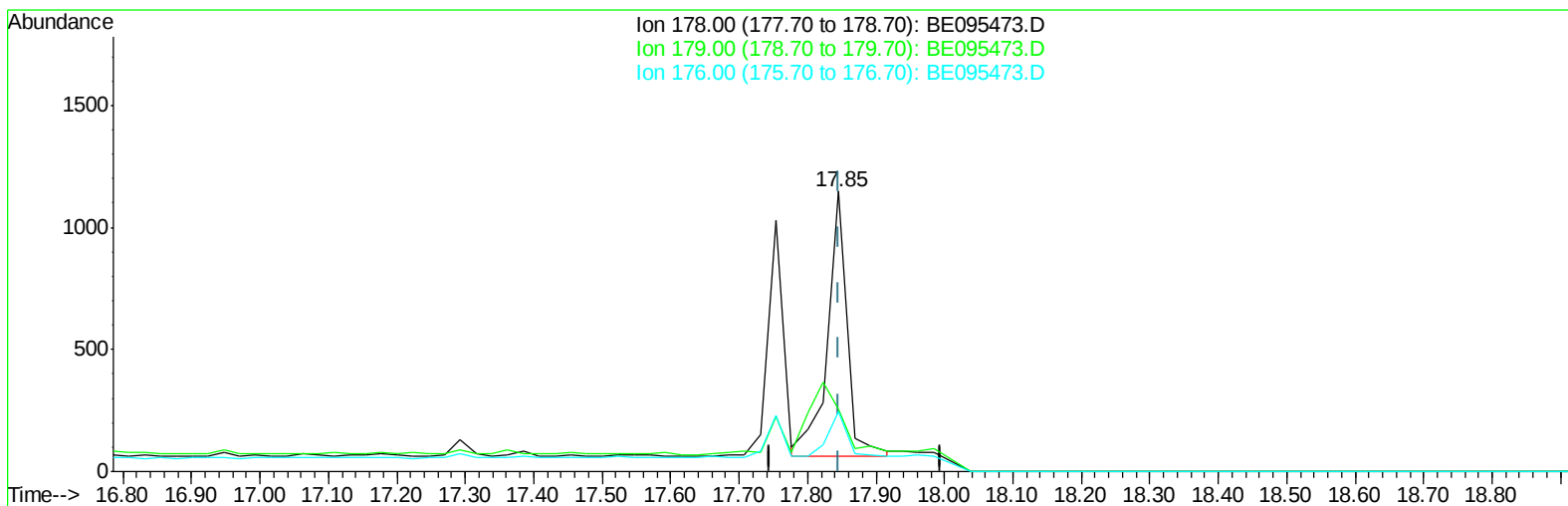
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 06:47:03 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: BE095473.D

(13) Anthracene

17.846min (+0.000) 0.08ng/ul m

response 2137

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	22.28
176.00	18.40	21.58
0.00	0.00	0.00

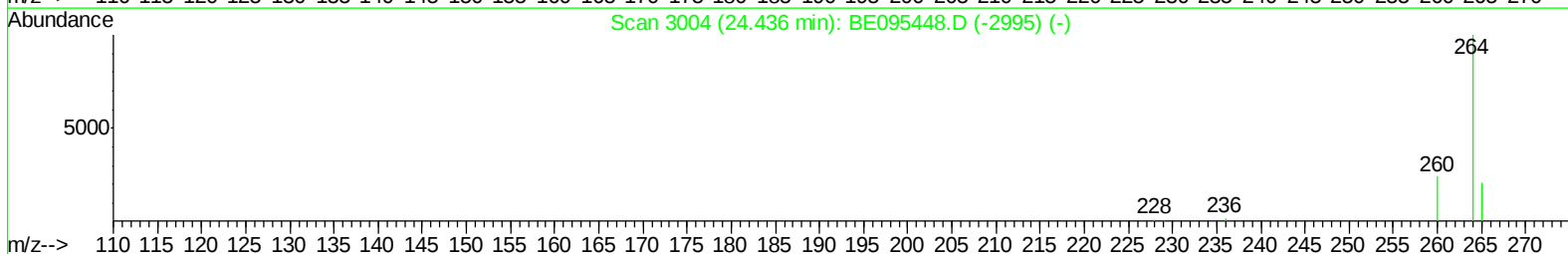
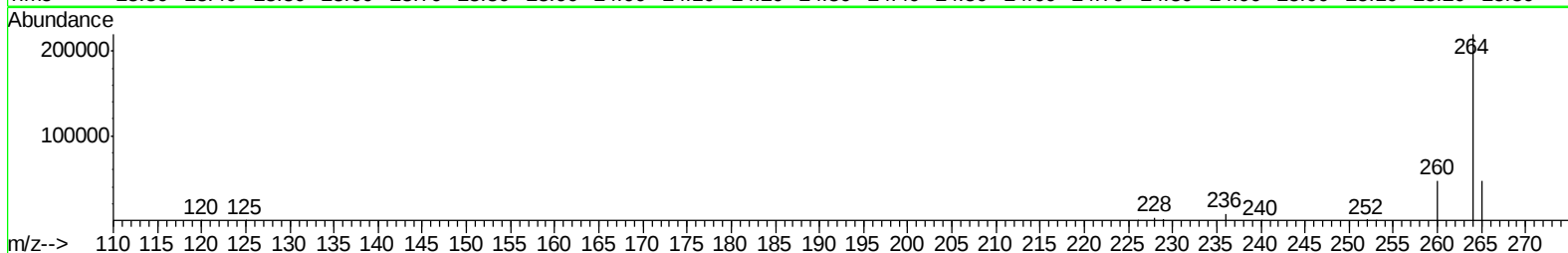
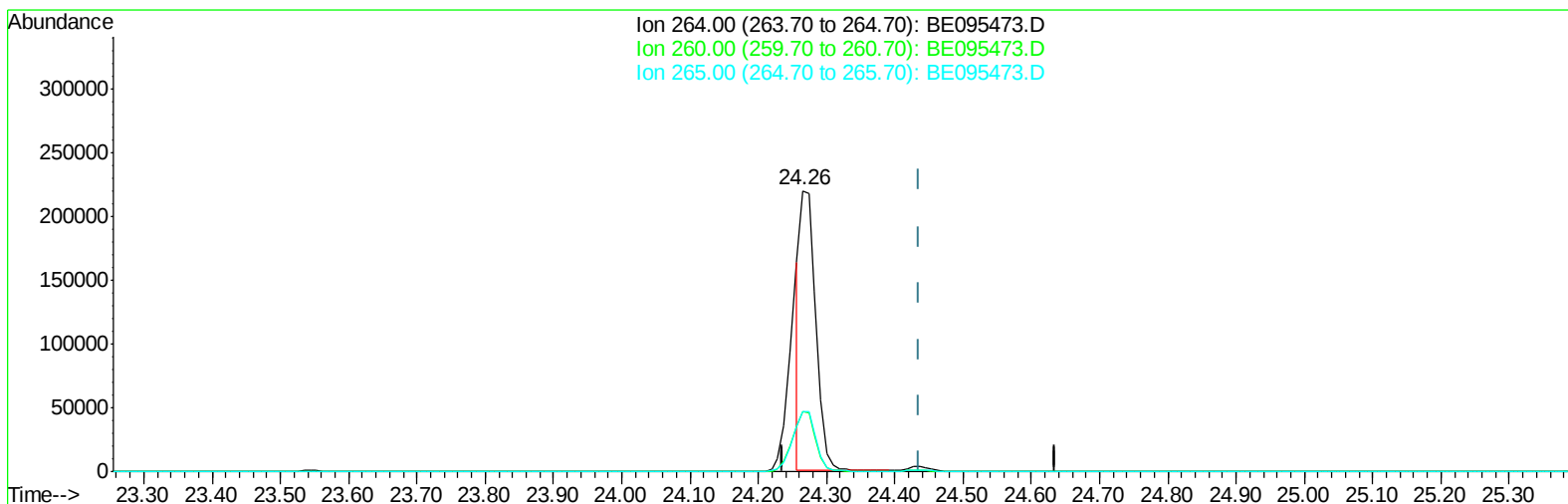
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 06:47:03 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: BE095473.D

(20) Perylene-d12 (I)

24.265min (-0.171) 0.40ng/ul

response 354082

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.42#
265.00	103.50	21.16#
0.00	0.00	0.00

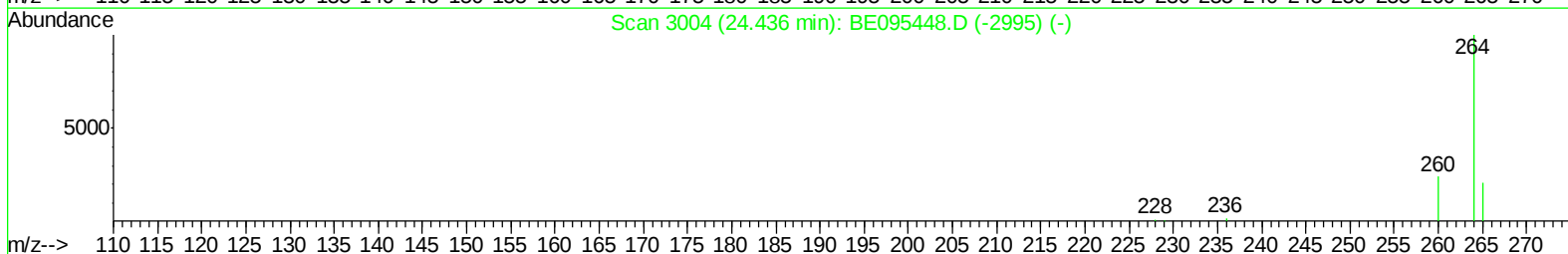
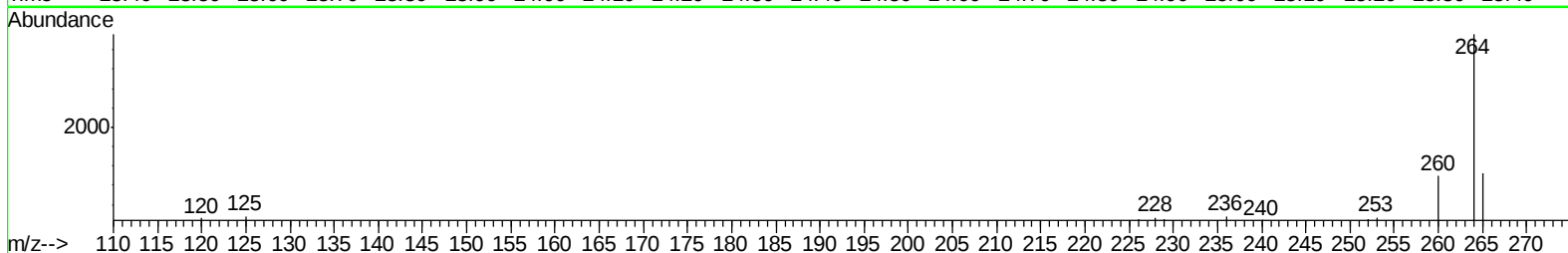
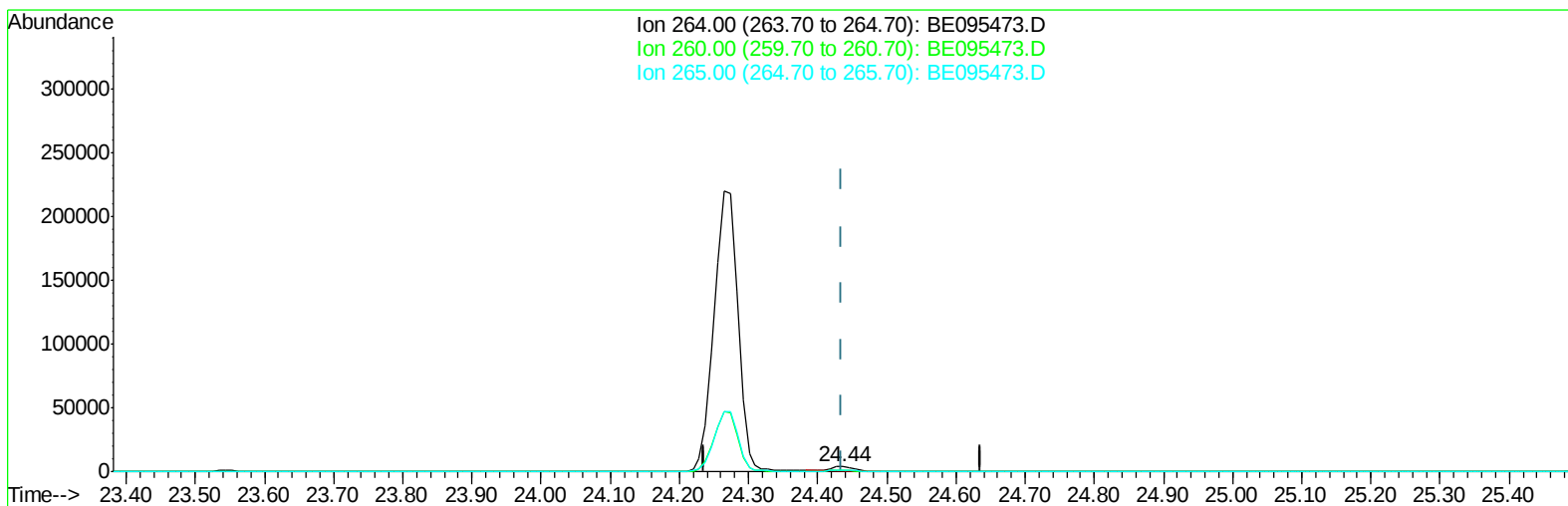
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 06:47:03 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: BE095473.D

(20) Perylene-d12 (I)

24.436min (-0.000) 0.40ng/ul m

response 7366

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.32
265.00	103.50	26.70#
0.00	0.00	0.00

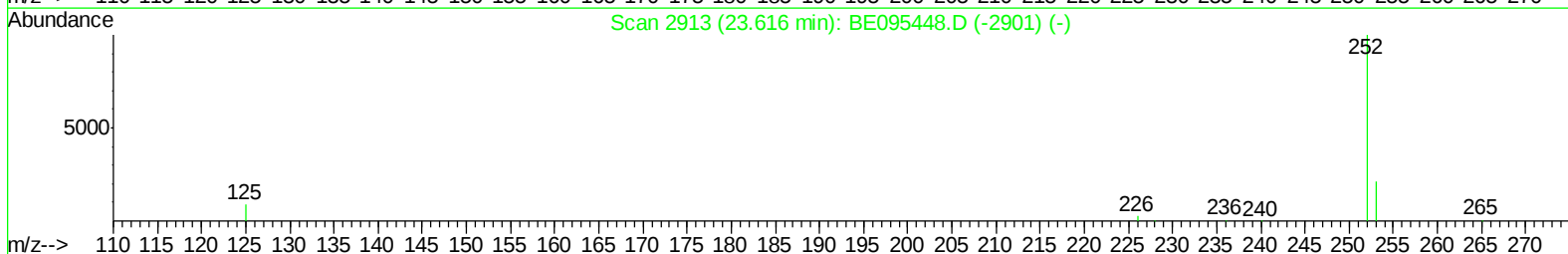
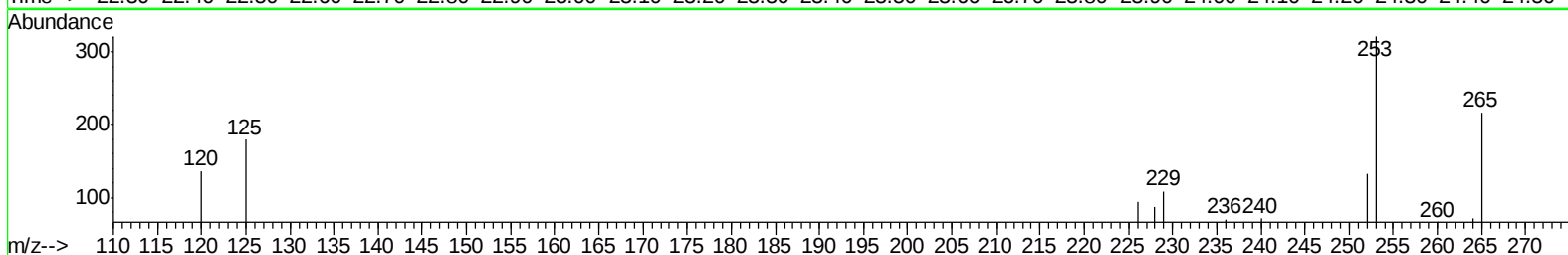
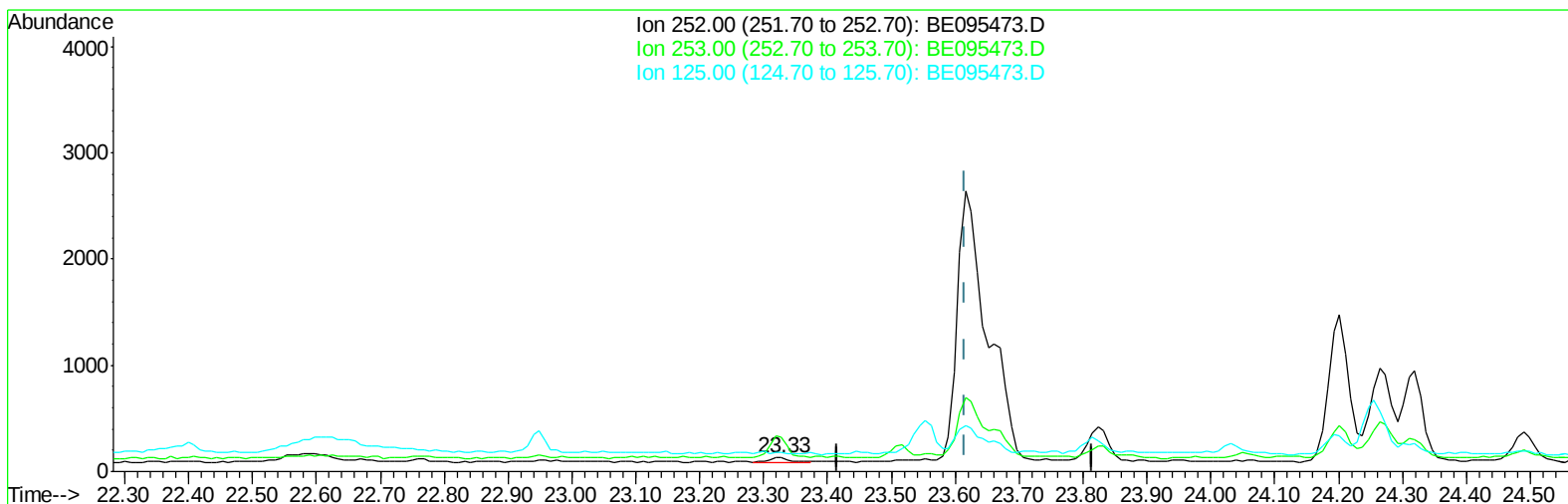
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 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: BE095473.D

(21) Benzo(b)fluoranthene

23.327min (-0.289) 0.00ng/ul

response 101

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	243.18#
125.00	17.50	135.61#
0.00	0.00	0.00

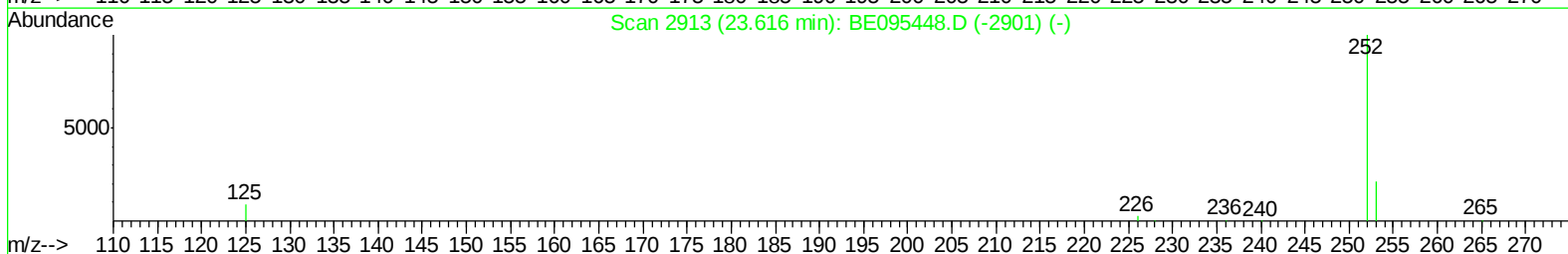
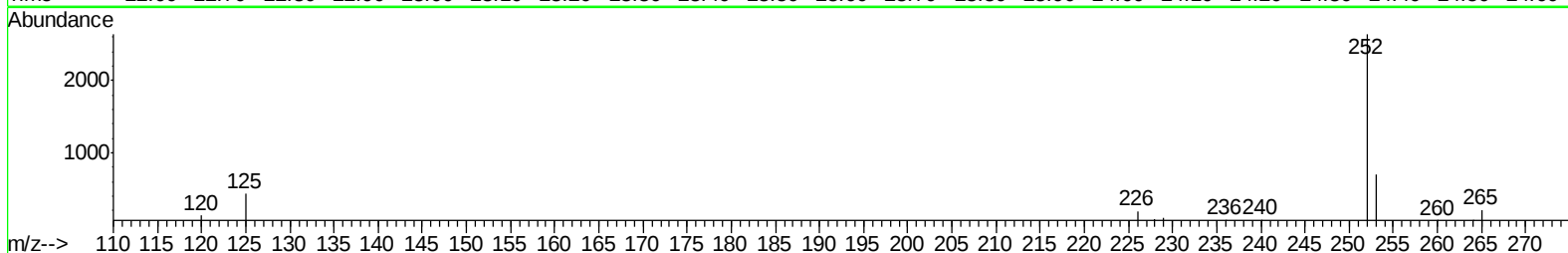
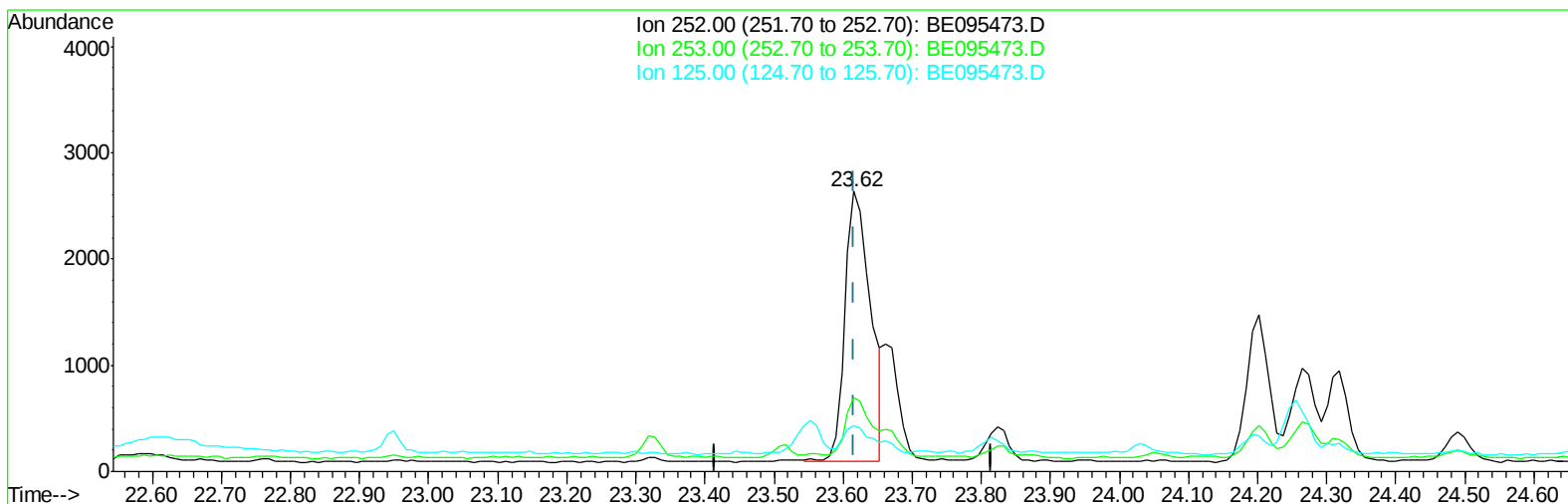
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 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: BE095473.D

(21) Benzo(b)fluoranthene

23.616min (-0.000) 0.25ng/ul m

response 6581

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.29
125.00	17.50	16.25
0.00	0.00	0.00

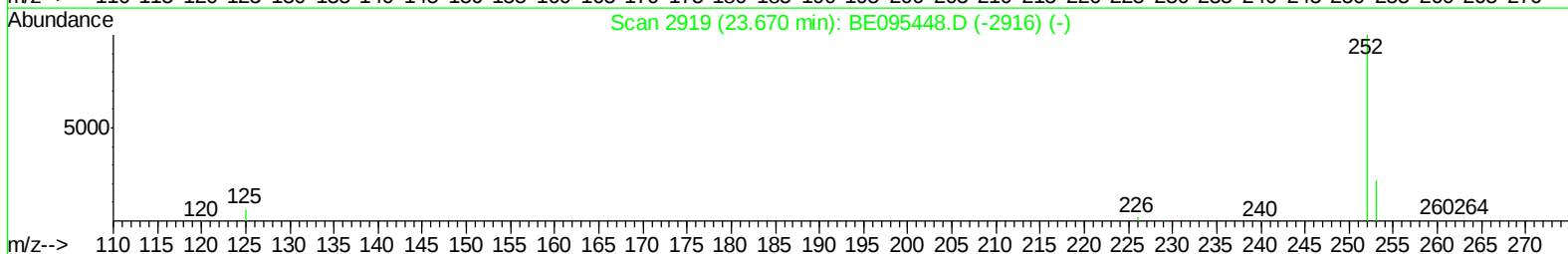
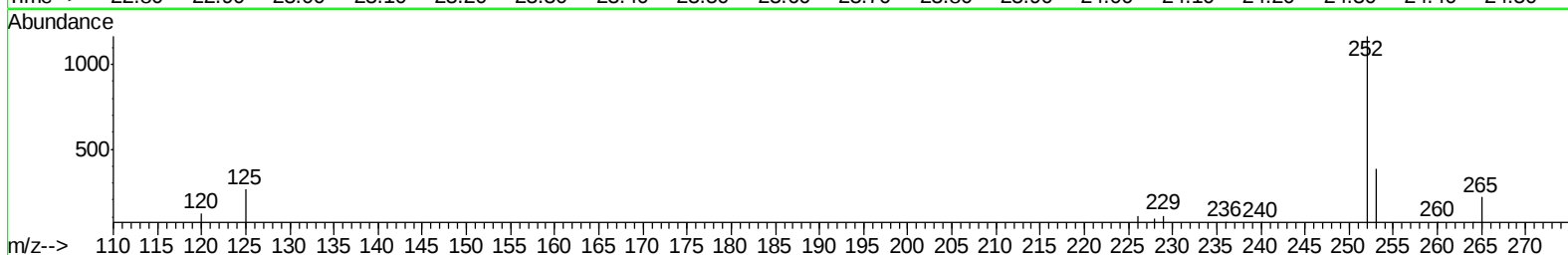
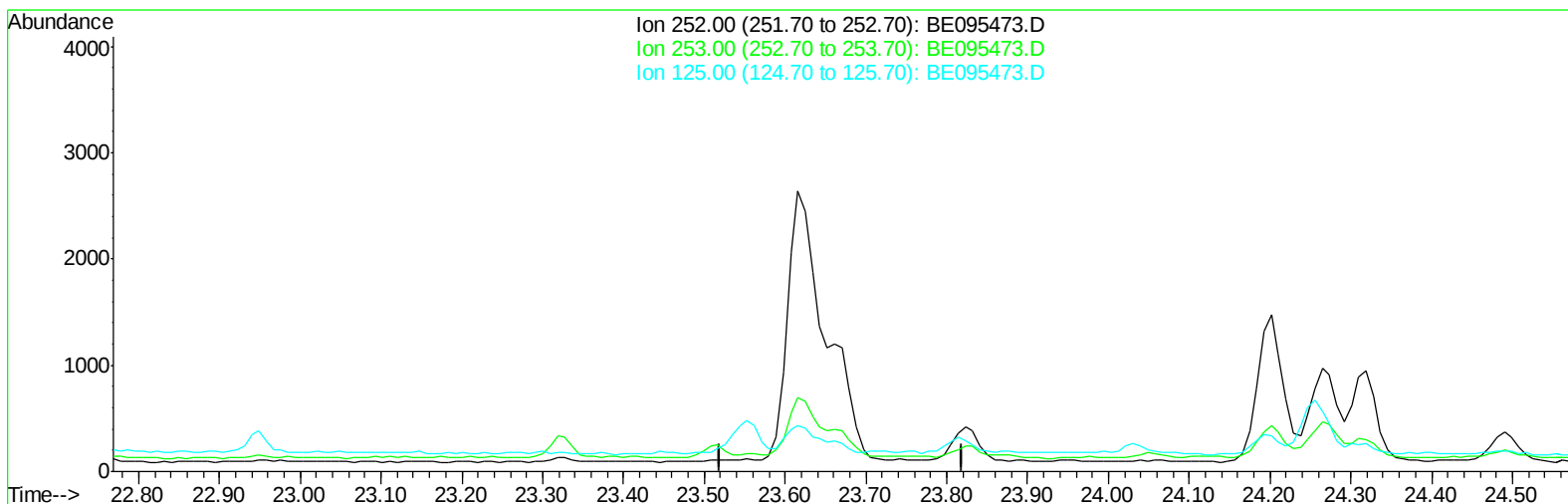
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 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: BE095473.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

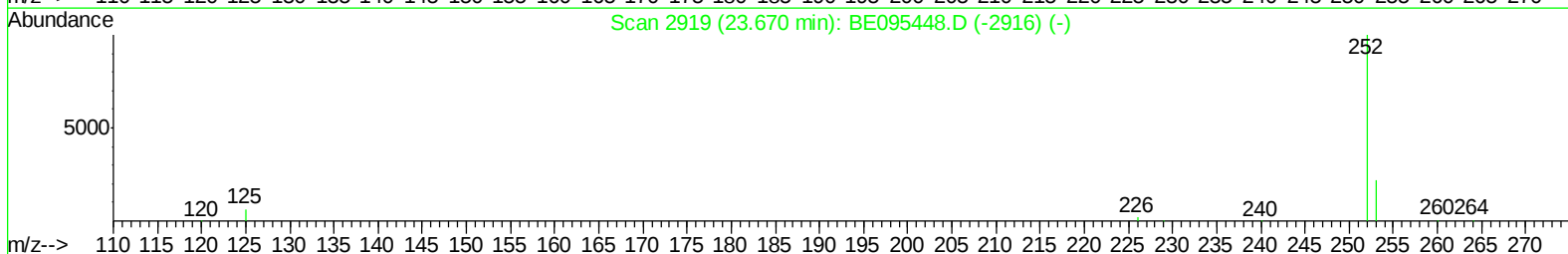
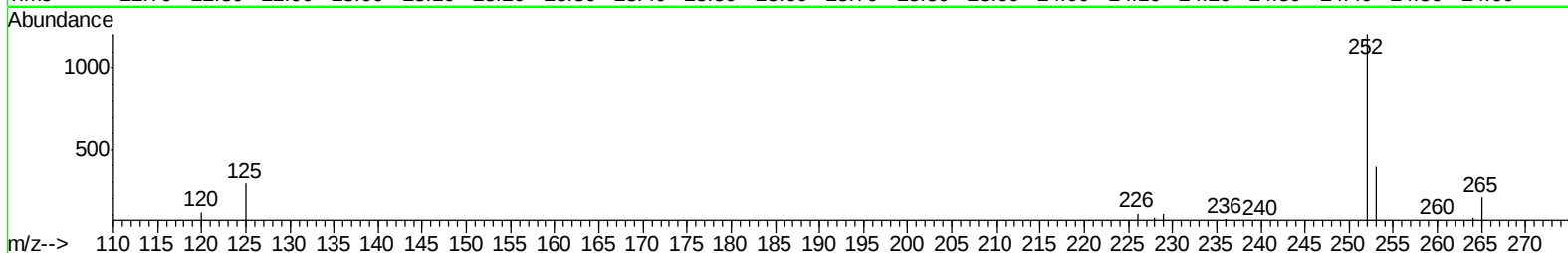
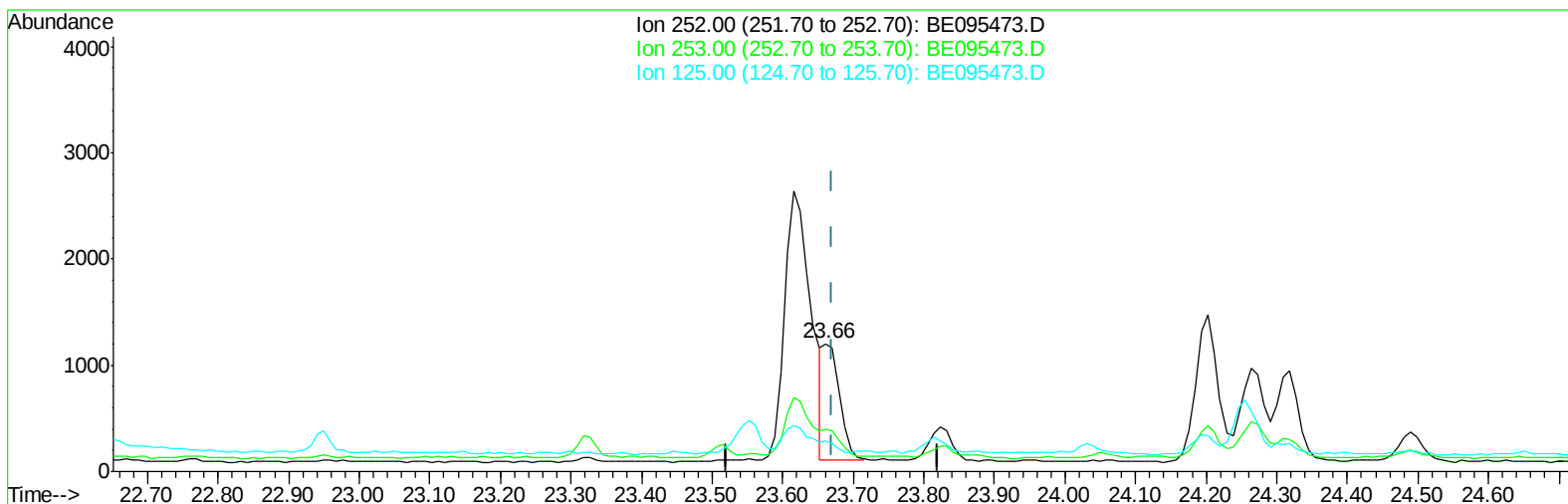
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 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: BE095473.D

(22) Benzo(k)fluoranthene

23.661min (-0.009) 0.07ng/ul m

response 1763

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.61
125.00	17.10	24.15#
0.00	0.00	0.00

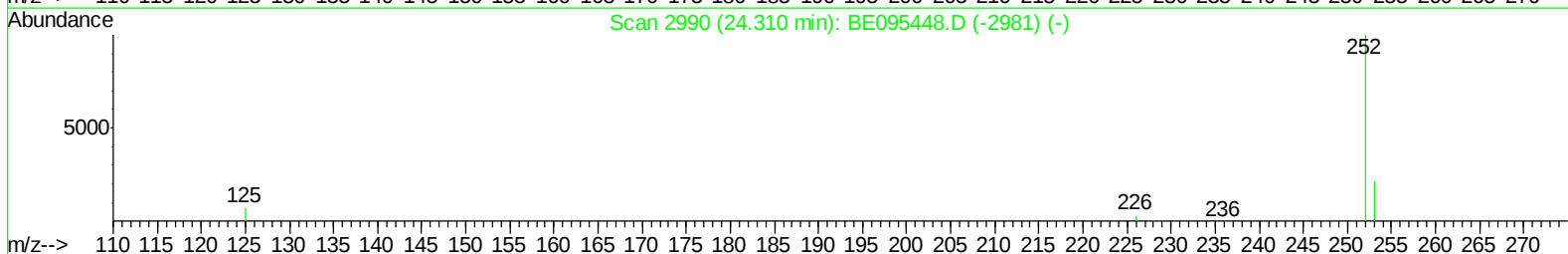
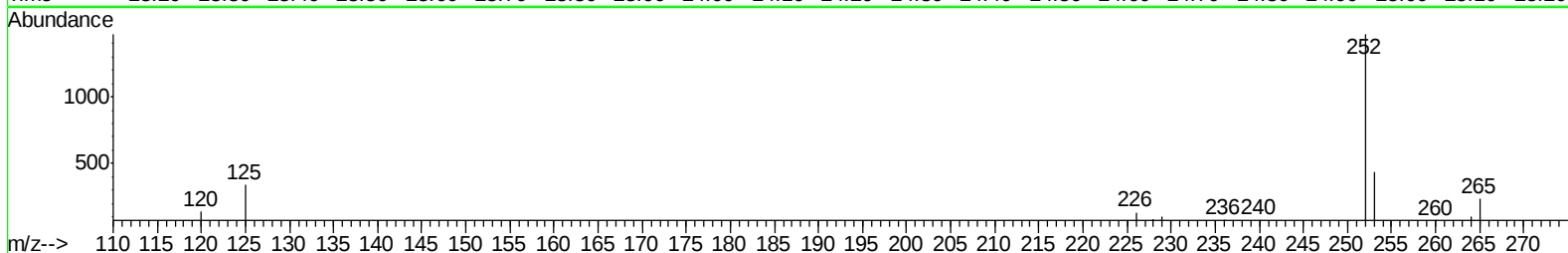
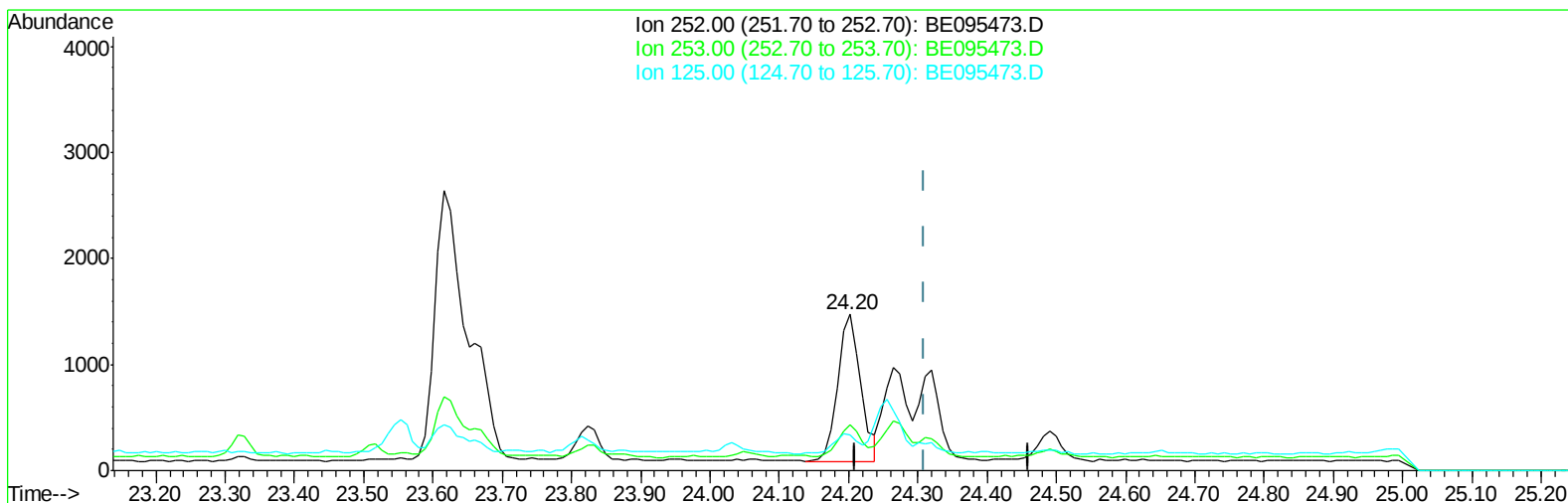
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 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: BE095473.D

(23) Benzo(a)pyrene (C)

24.202min (-0.108) 0.14ng/ul

response 3151

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	29.37
125.00	22.60	22.77
0.00	0.00	0.00

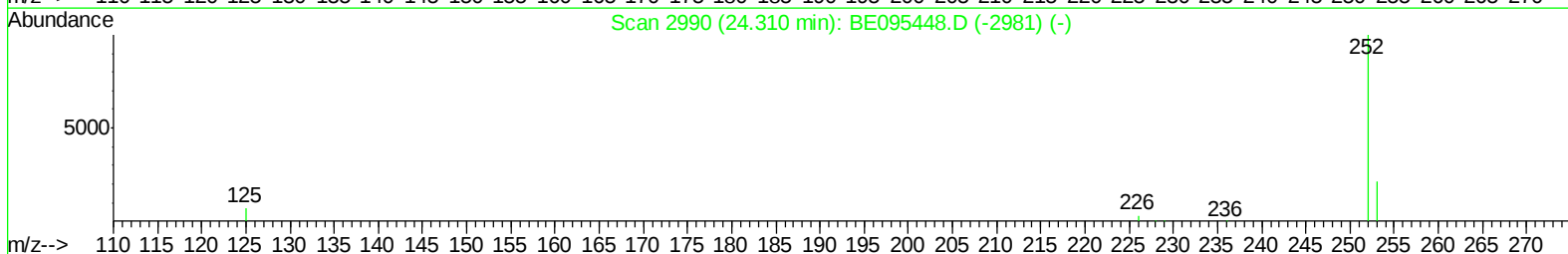
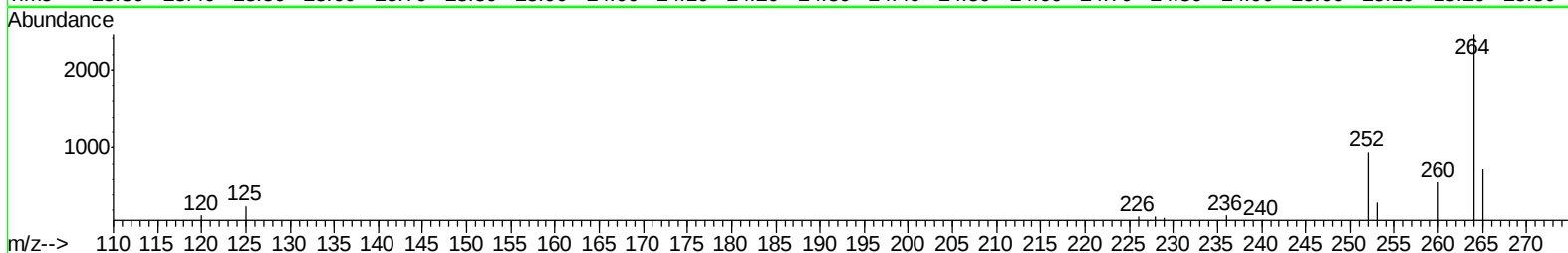
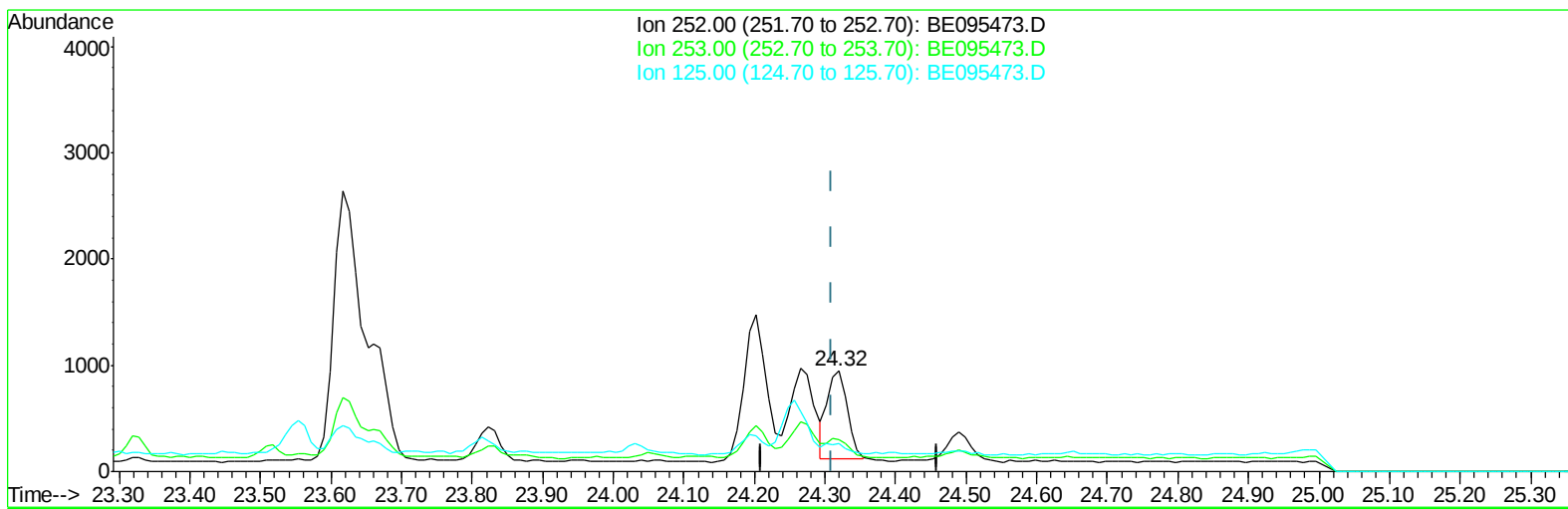
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 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: BE095473.D

(23) Benzo(a)pyrene (C)

24.319min (+0.009) 0.07ng/ul m

response 1639

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.43
125.00	22.60	27.62#
0.00	0.00	0.00

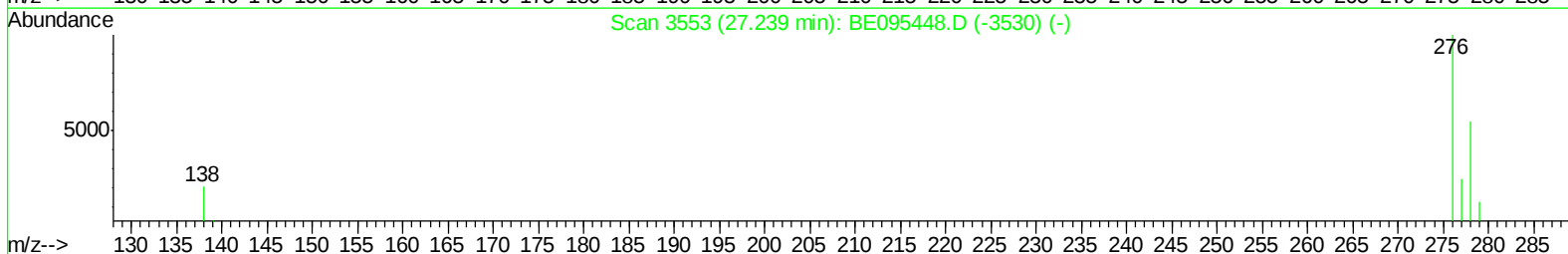
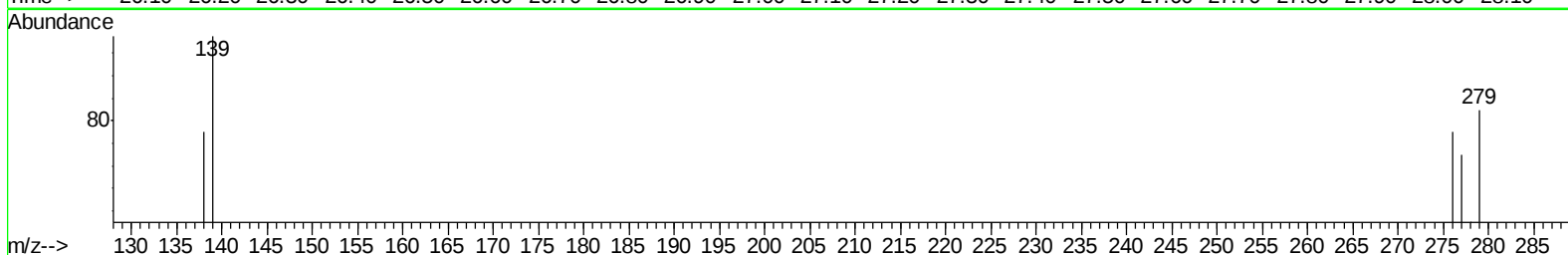
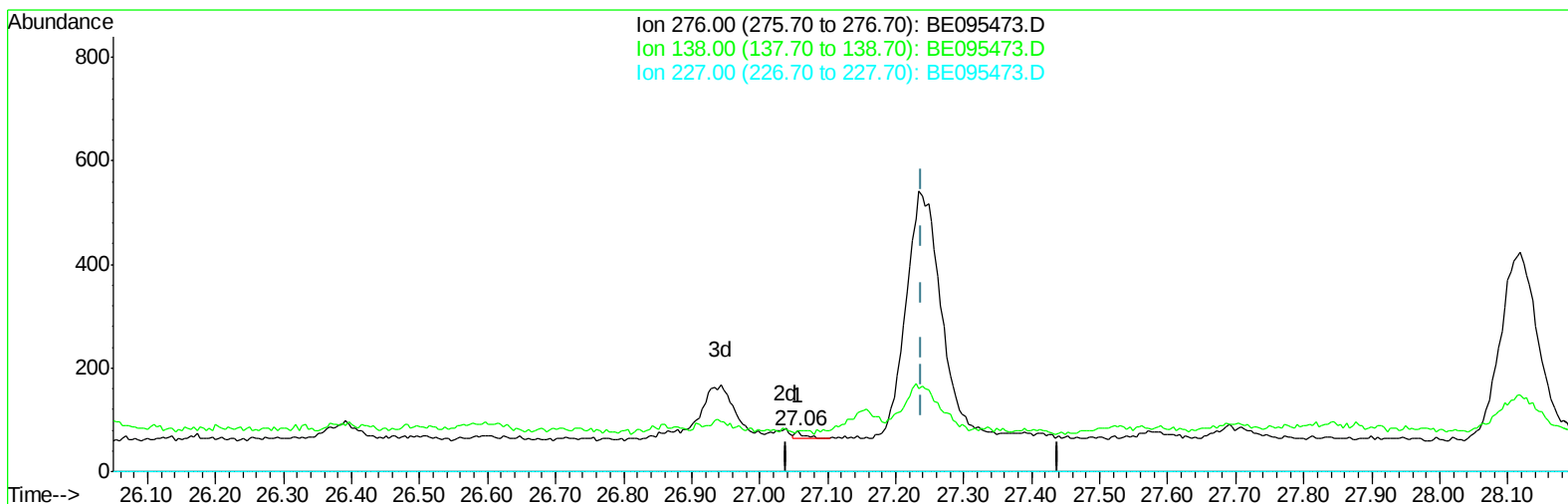
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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TIC: BE095473.D

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

27.057min (-0.183) 0.00ng/ul

response 16

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	56.25#
227.00	10.00	0.00#
0.00	0.00	0.00

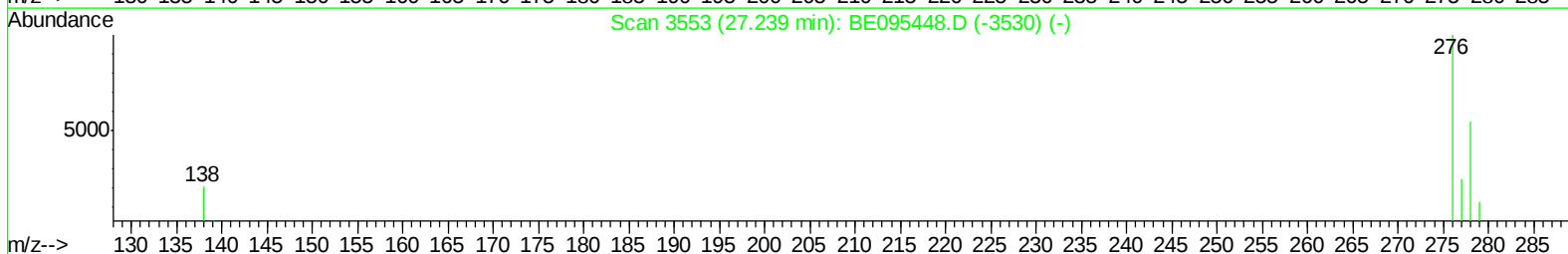
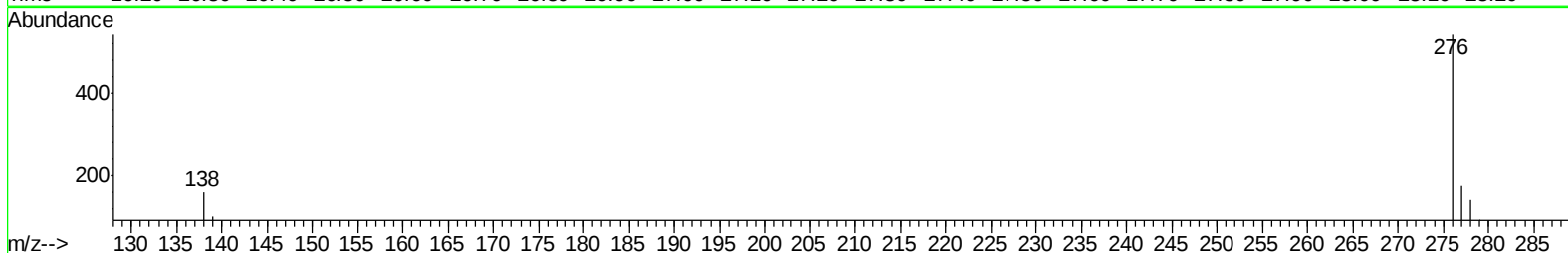
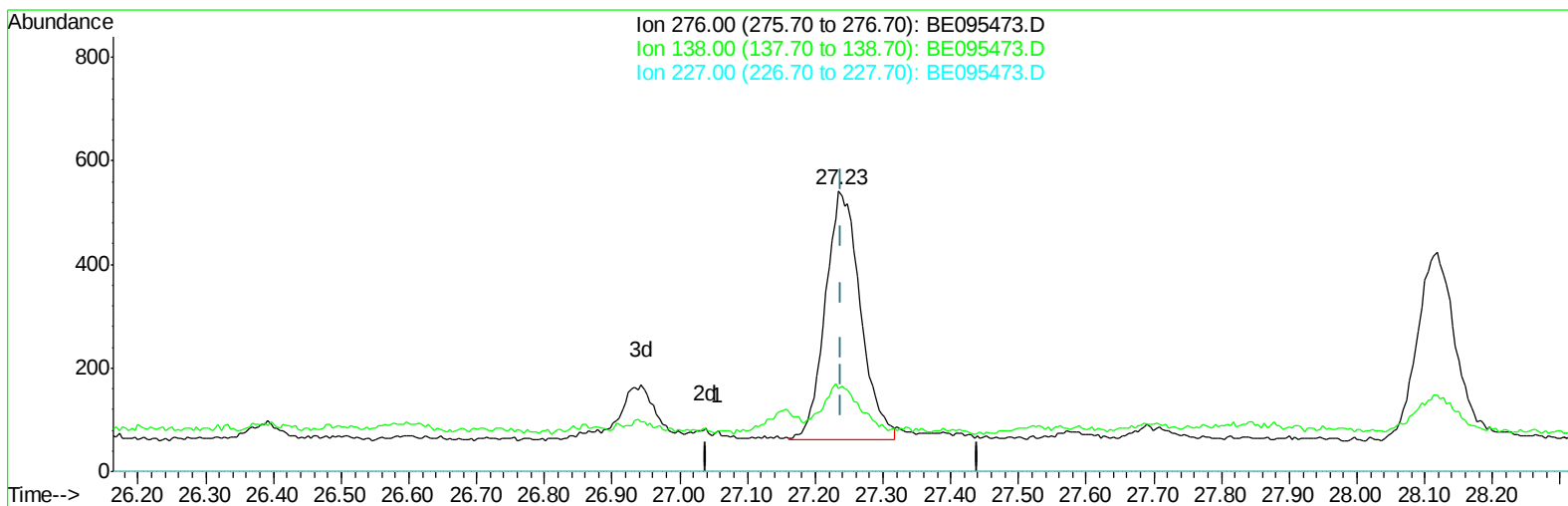
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 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: BE095473.D

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

27.234min (-0.005) 0.07ng/ul m

response 1734

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.52#
227.00	10.00	0.00#
0.00	0.00	0.00

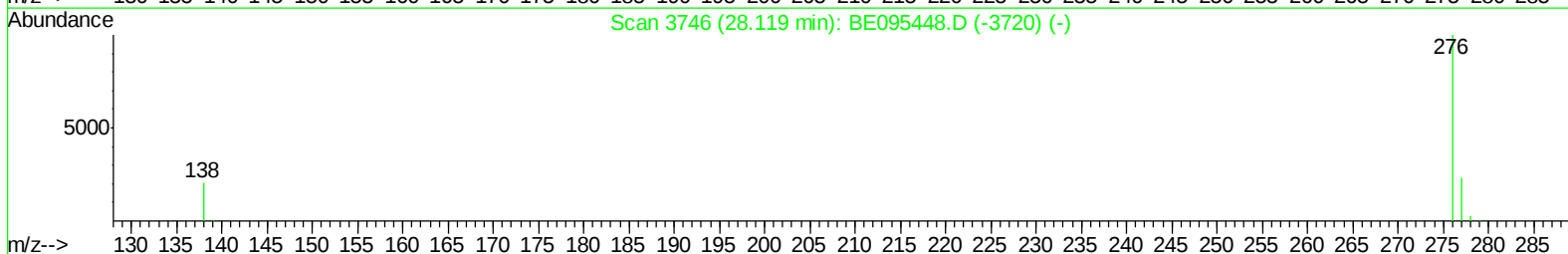
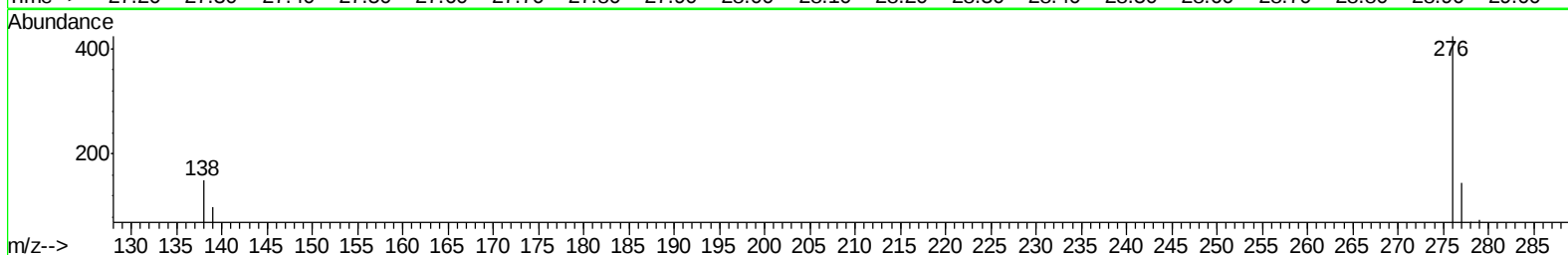
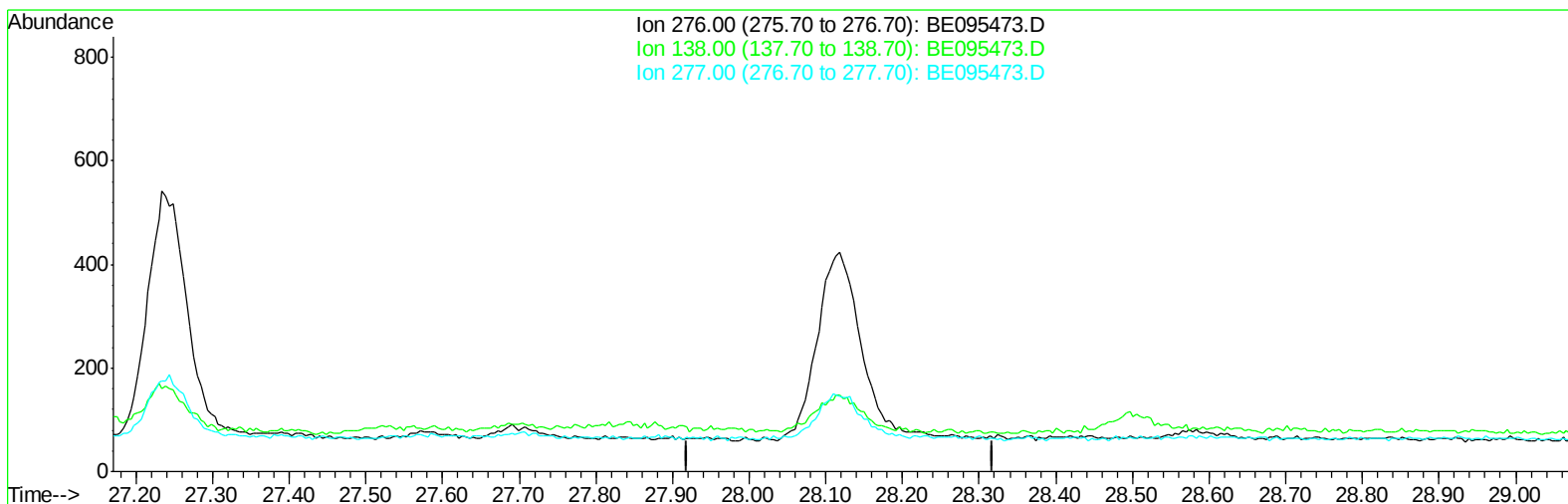
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 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: BE095473.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

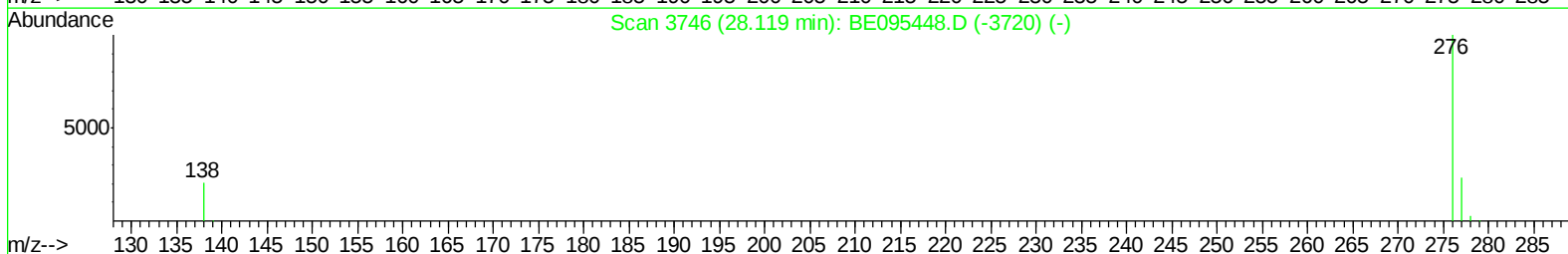
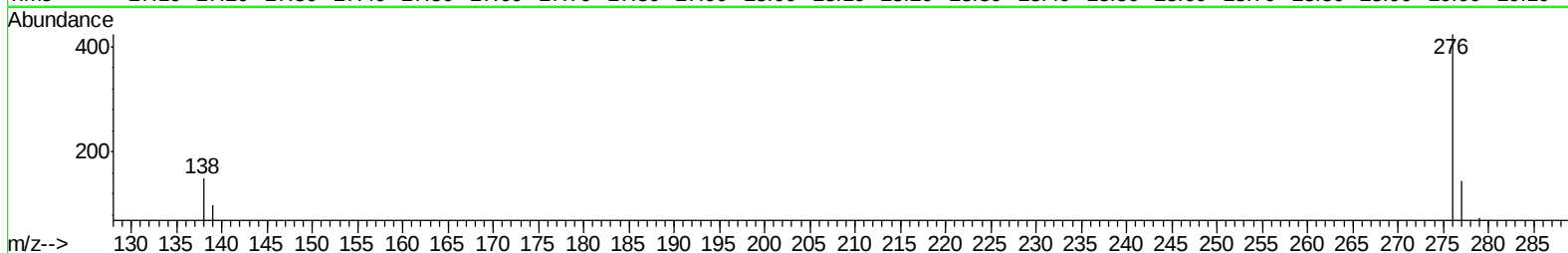
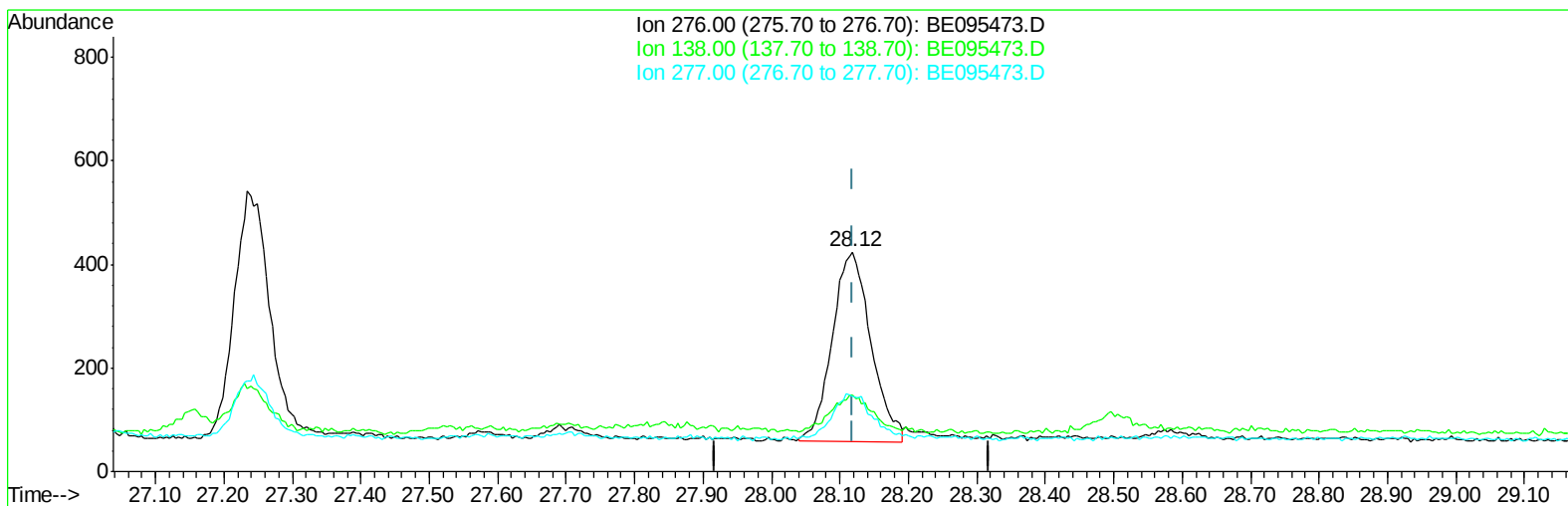
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095473.D
Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
Sample : J1315-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C60

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:40:38 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: BE095473.D

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

28.118min (-0.001) 0.07ng/ul m

response 1447

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	35.14#
277.00	25.60	34.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
 Data File : BE095473.D
 Acq On : 4 Feb 2018 12:27
 Operator : SJ/JU
 Sample : J1315-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C60

Manual Integrations
 APPROVED

Sohil
 2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:42:24 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	8.43	152	1896	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5795	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3850	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8531	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7986	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7366m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3000	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7727	0.24	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	523	0.028	ng/ul#	73
11) Pentachlorophenol	17.36	266	4088	2.474	ng/ul	98
12) Phenanthrene	17.75	178	1562m	0.054	ng/ul	
13) Anthracene	17.85	178	2137m	0.081	ng/ul	
15) Fluoranthene	19.72	202	14107	0.380	ng/ul	85
17) Pyrene	20.08	202	13910	0.519	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	3591	0.144	ng/ul#	90
19) Chrysene	21.84	228	4288	0.165	ng/ul	94
21) Benzo(b)fluoranthene	23.62	252	6581m	0.253	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	1763m	0.074	ng/ul	
23) Benzo(a)pyrene	24.32	252	1639m	0.071	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.23	276	1734m	0.068	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	1447m	0.067	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
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Acq On : 4 Feb 2018 12:27
Operator : SJ/JU
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ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:21 PM

Quant Time: Feb 05 07:42:24 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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