

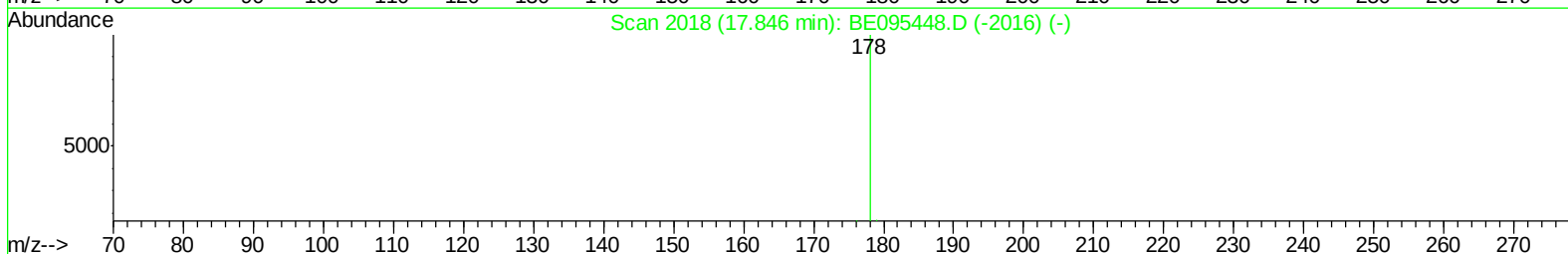
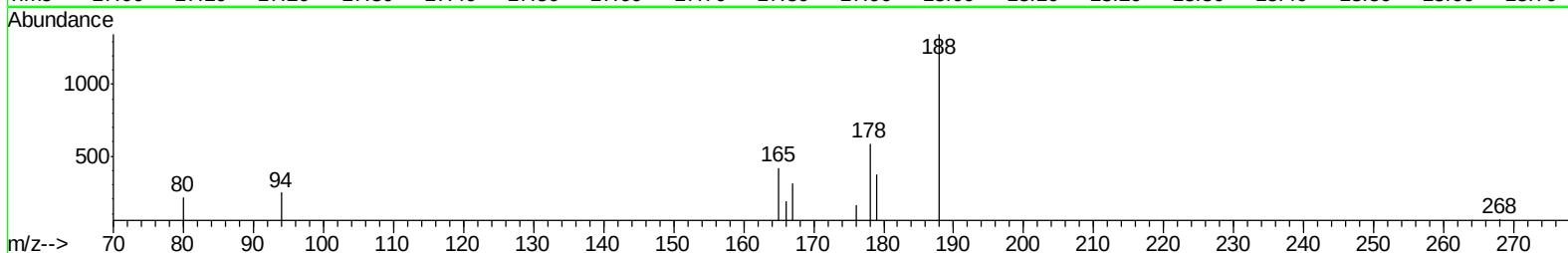
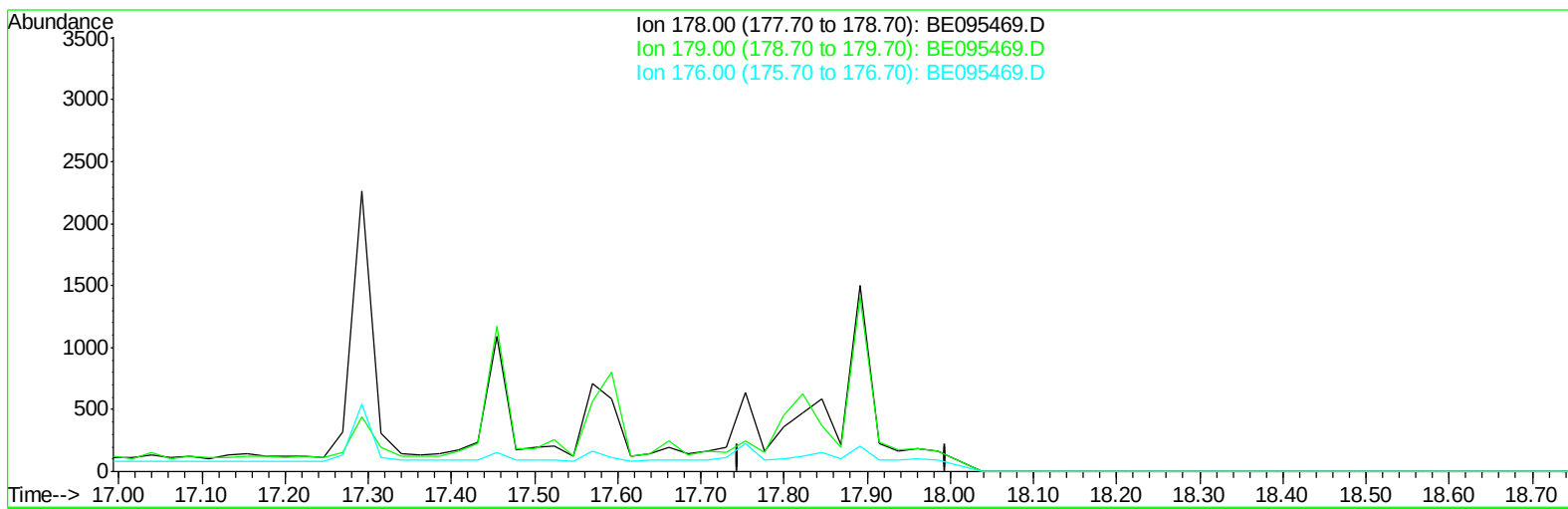
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 06:46:35 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: BE095469.D

(13) Anthracene

17.846min (-17.846) 0.00ng/ul

response 0

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

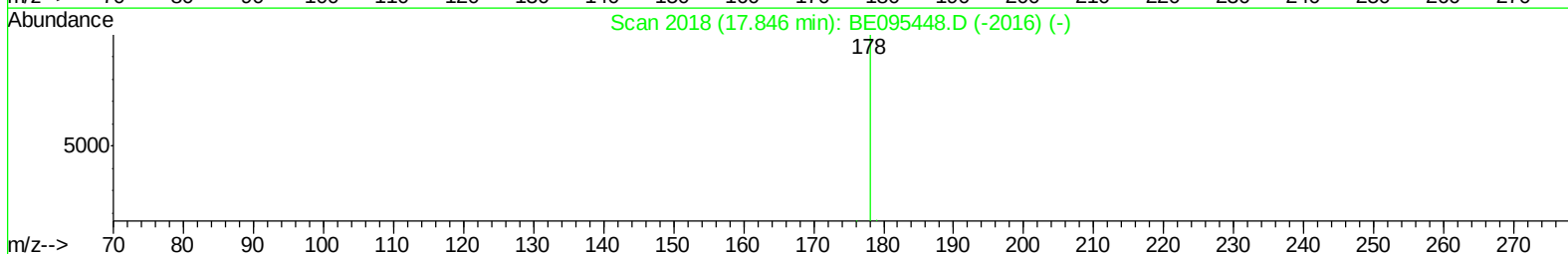
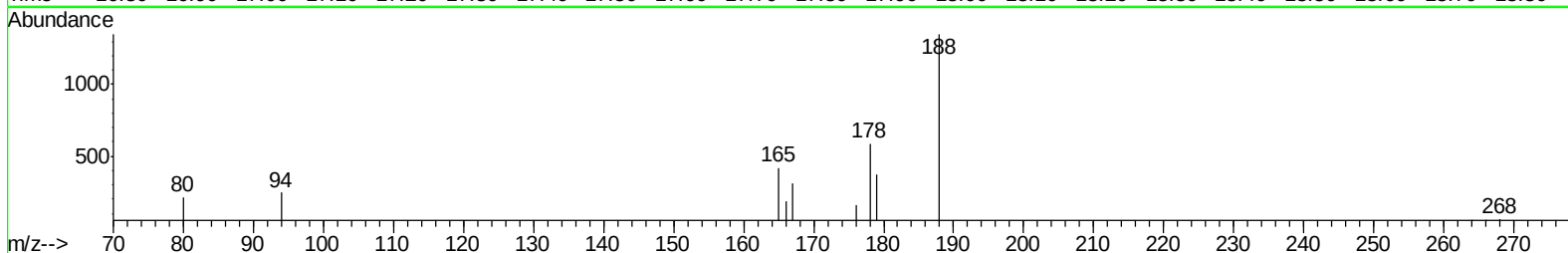
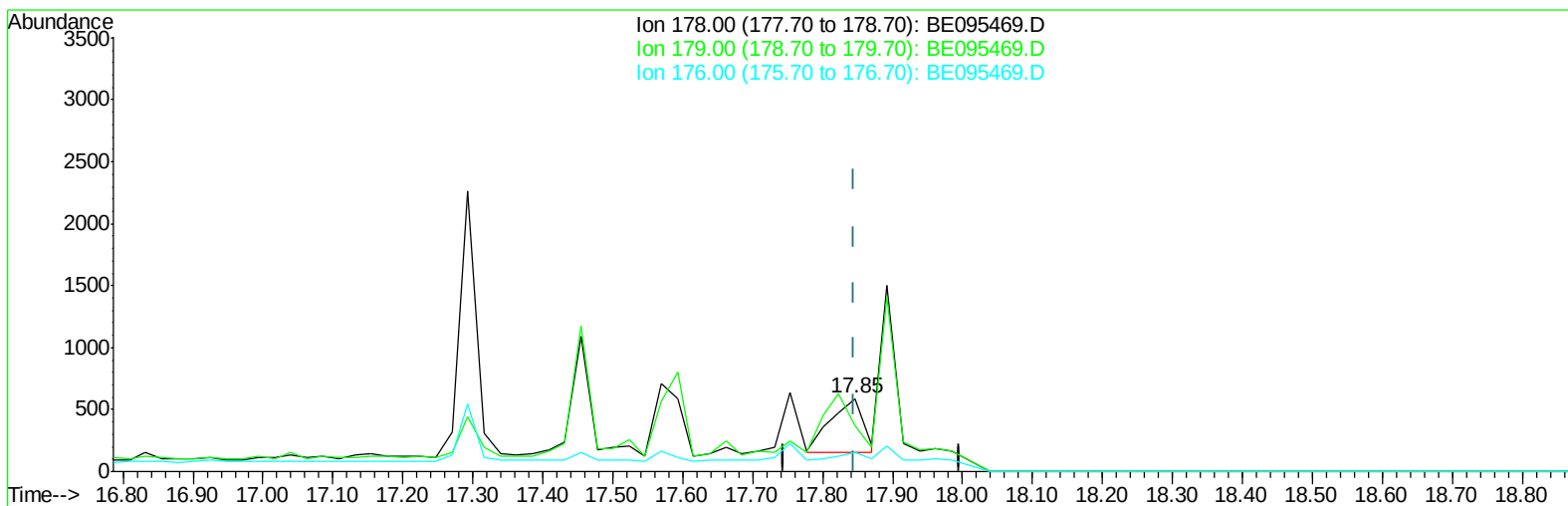
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 06:46:35 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: BE095469.D

(13) Anthracene

17.846min (+0.000) 0.05ng/ul m

response 1428

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	62.71#
176.00	18.40	26.61#
0.00	0.00	0.00

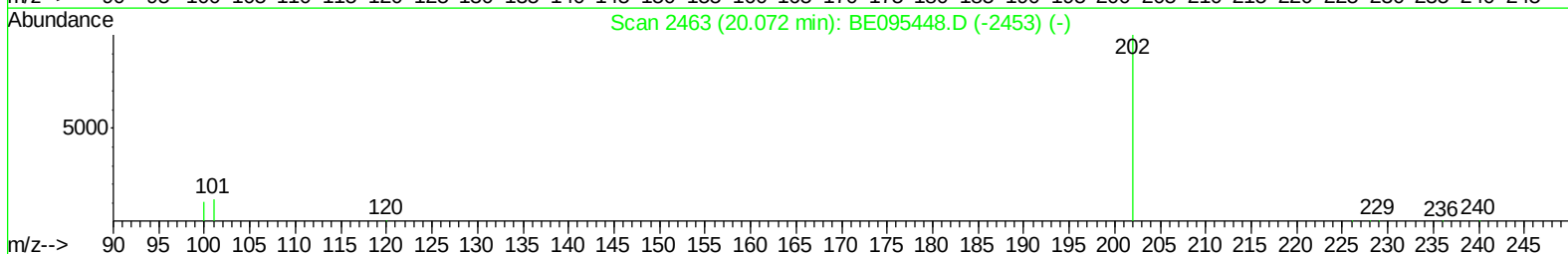
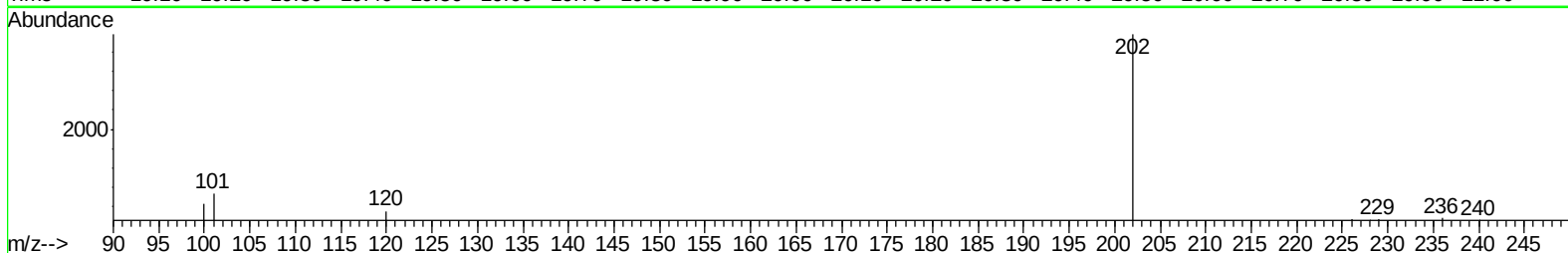
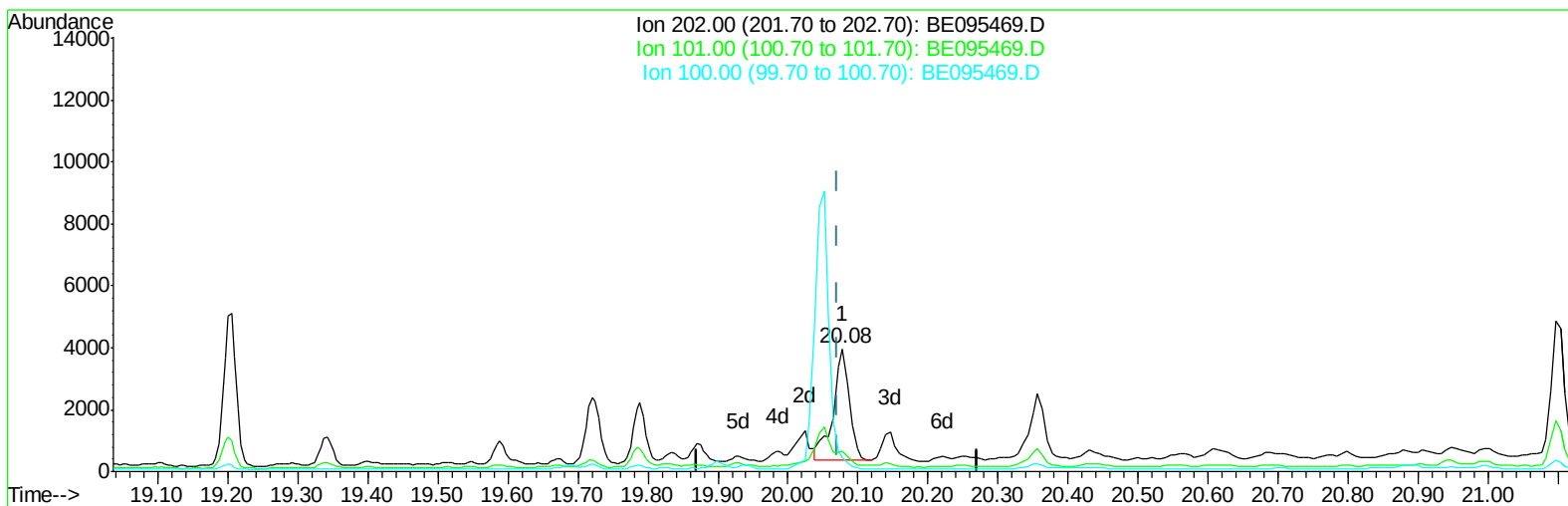
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 06:46:35 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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TIC: BE095469.D

(17) Pyrene

20.078min (+0.006) 0.21ng/ul

response 5823

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	16.75#
100.00	19.50	11.66#
0.00	0.00	0.00

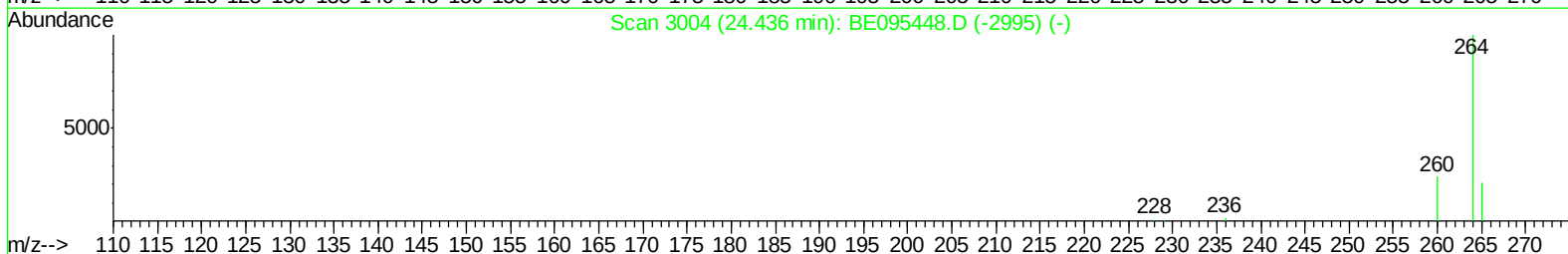
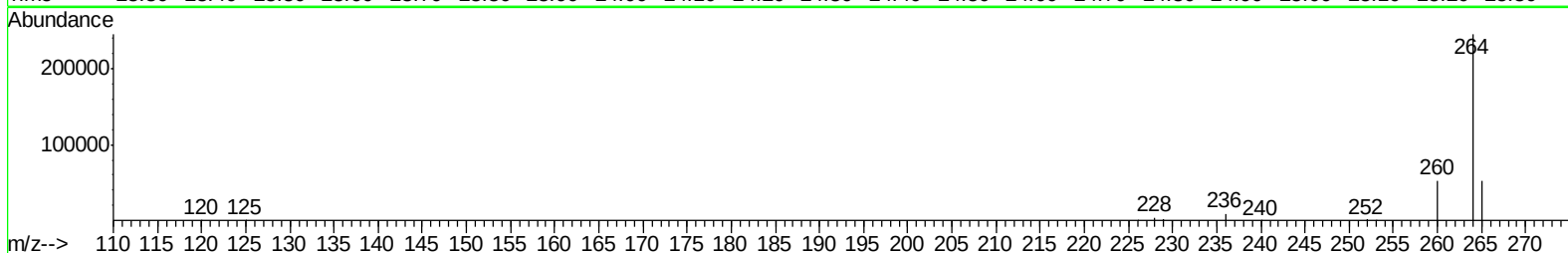
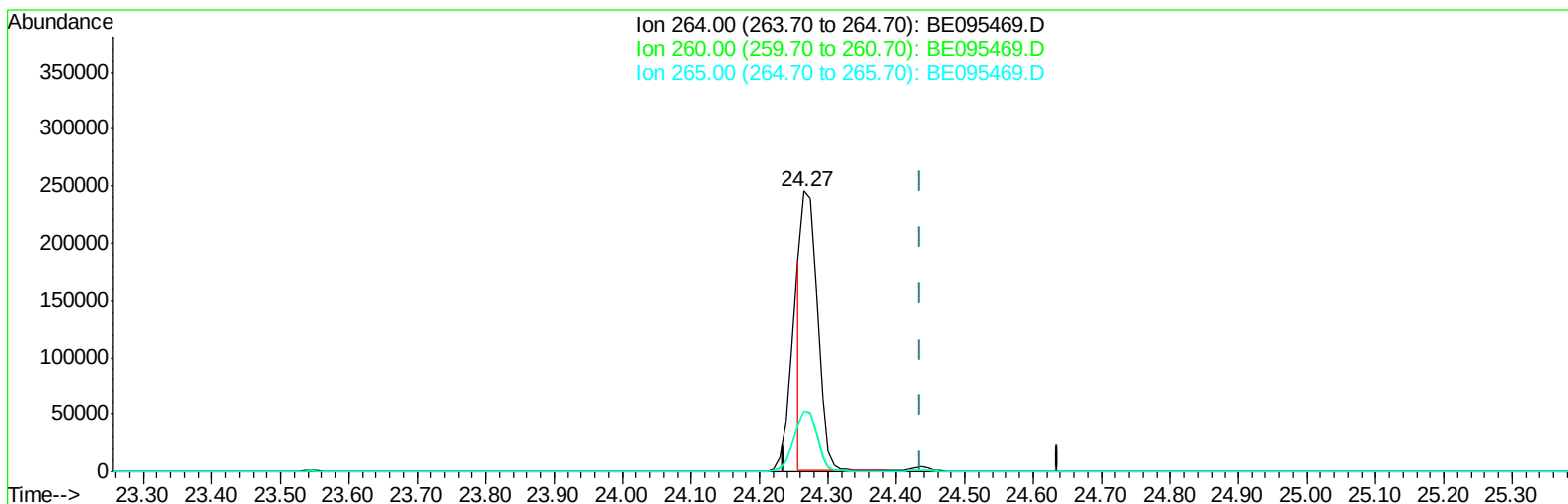
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Feb 05 06:46:35 2018
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TIC: BE095469.D

(20) Perylene-d12 (I)

24.265min (-0.171) 0.40ng/ul

response 394210

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

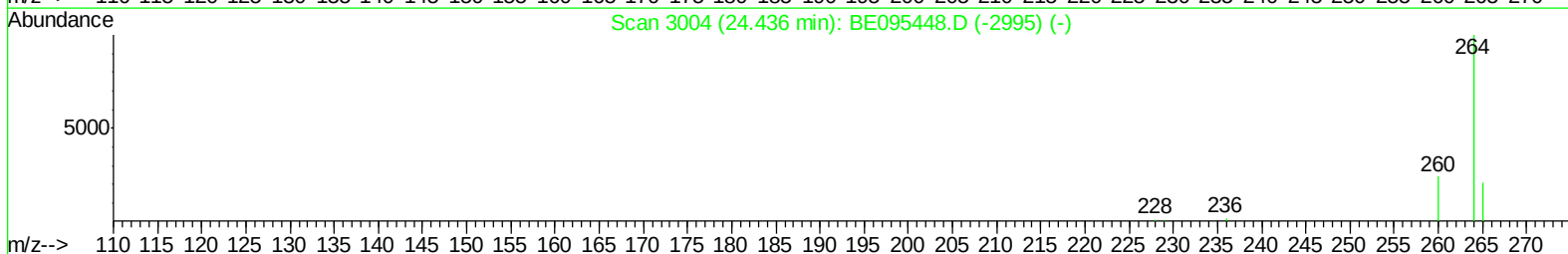
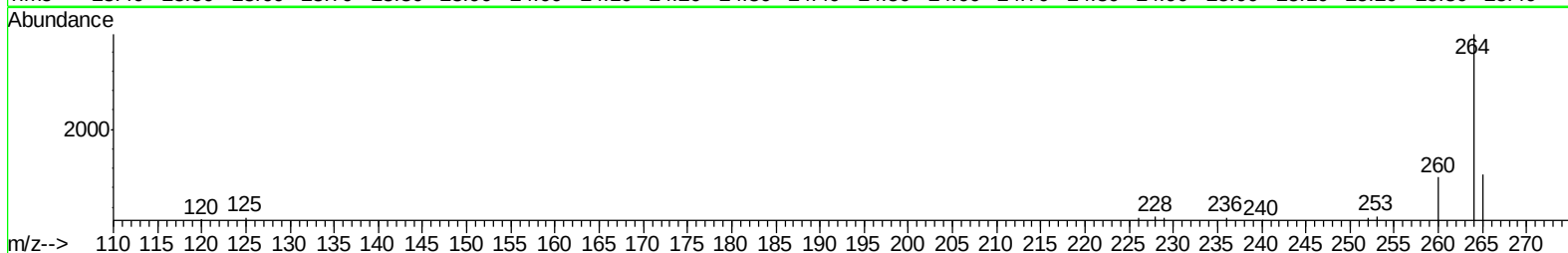
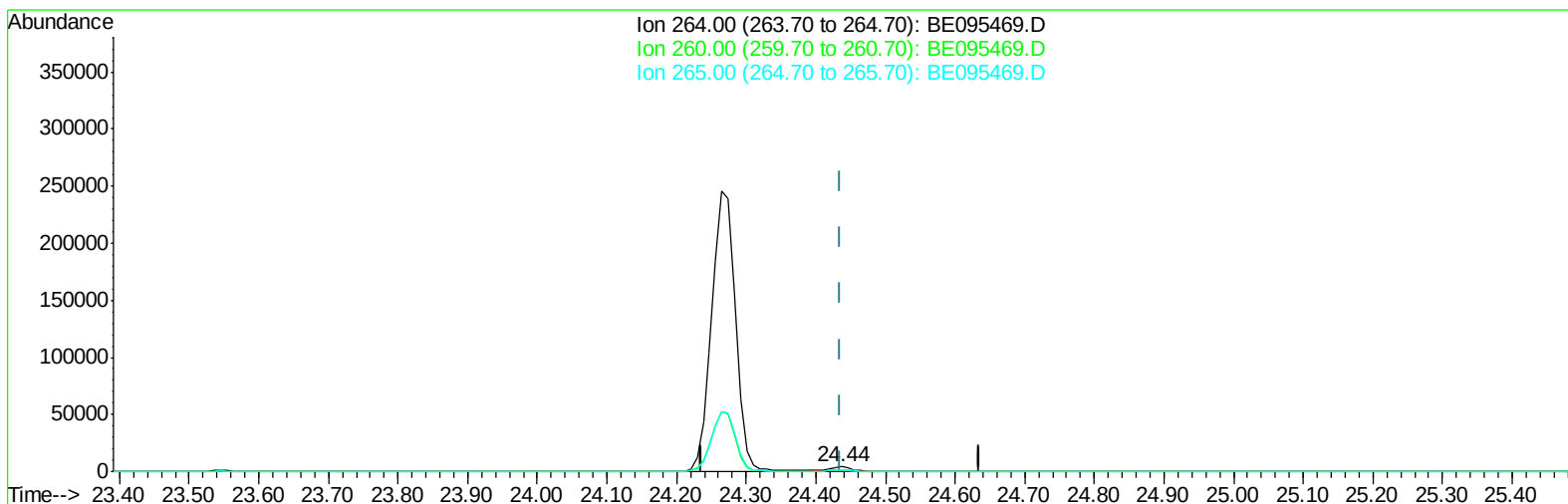
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 06:46:35 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: BE095469.D

(20) Perylene-d12 (I)

24.436min (+0.000) 0.40ng/ul m

response 7711

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.57
265.00	103.50	27.44#
0.00	0.00	0.00

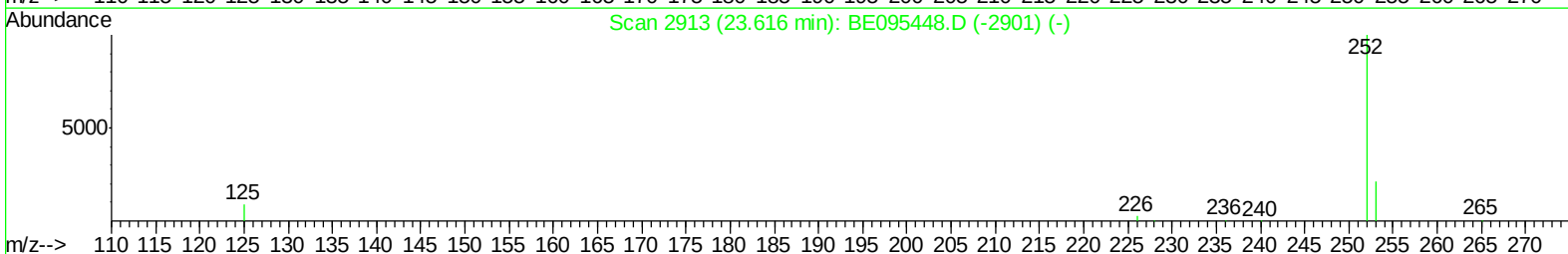
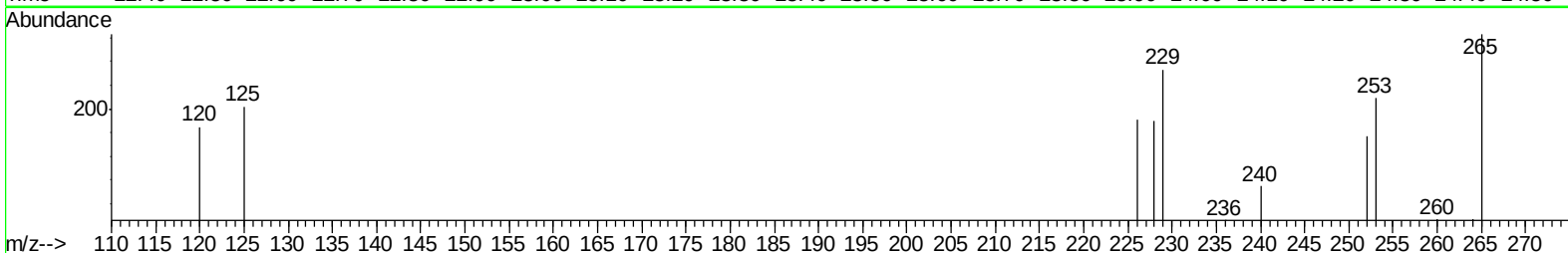
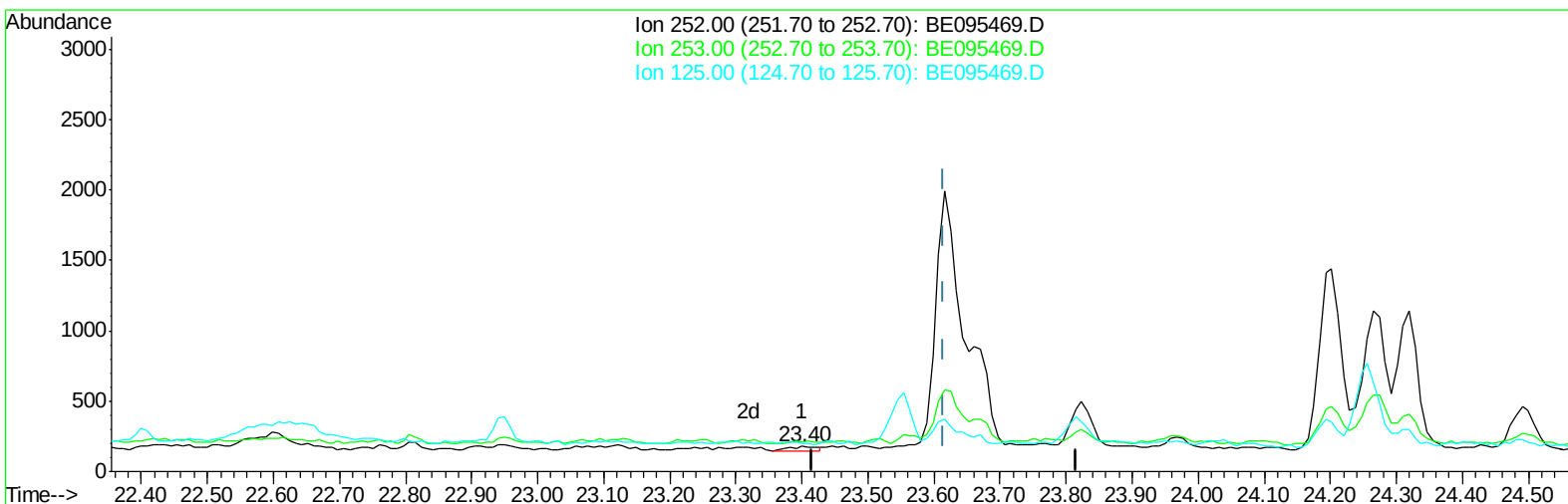
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:19:06 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: BE095469.D

(21) Benzo(b)fluoranthene
23.400min (-0.216) 0.00ng/ul
response 92

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	118.08#
125.00	17.50	114.12#
0.00	0.00	0.00

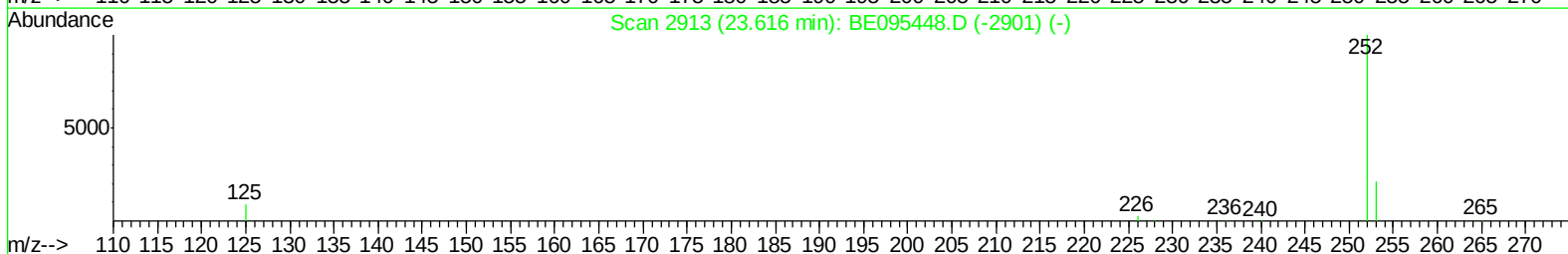
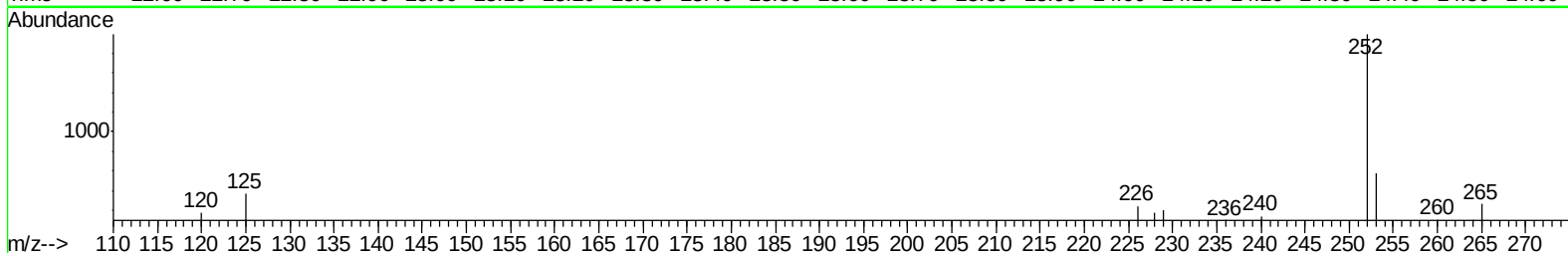
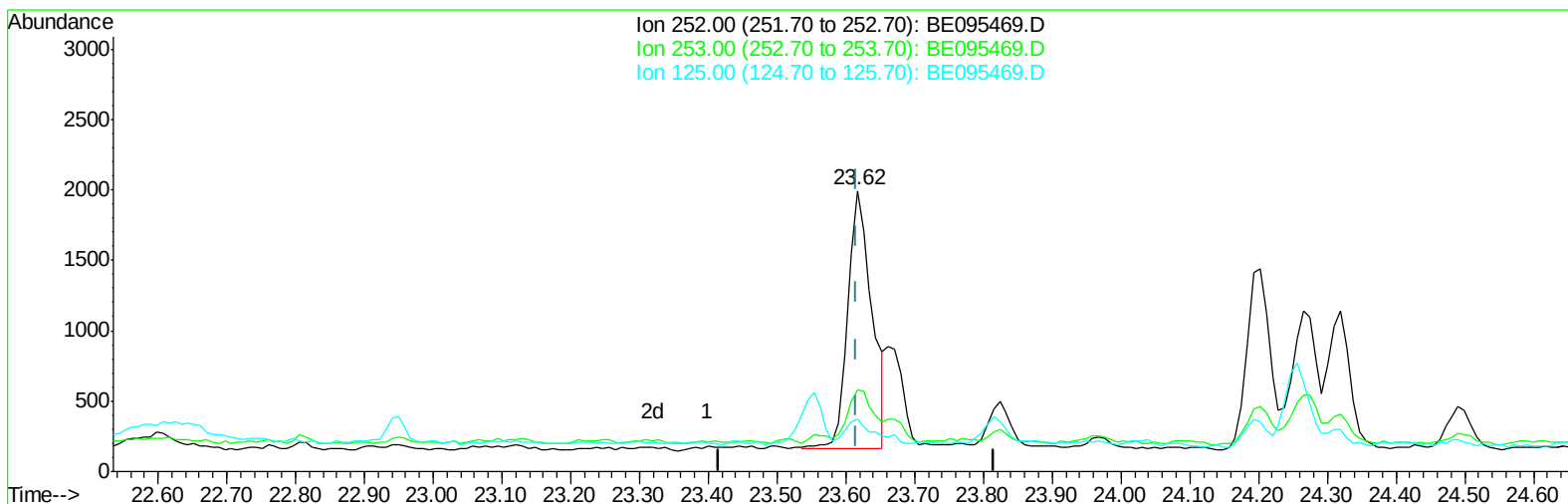
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:19:06 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: BE095469.D

(21) Benzo(b)fluoranthene

23.616min (+0.000) 0.17ng/ul m

response 4514

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	29.18
125.00	17.50	18.48
0.00	0.00	0.00

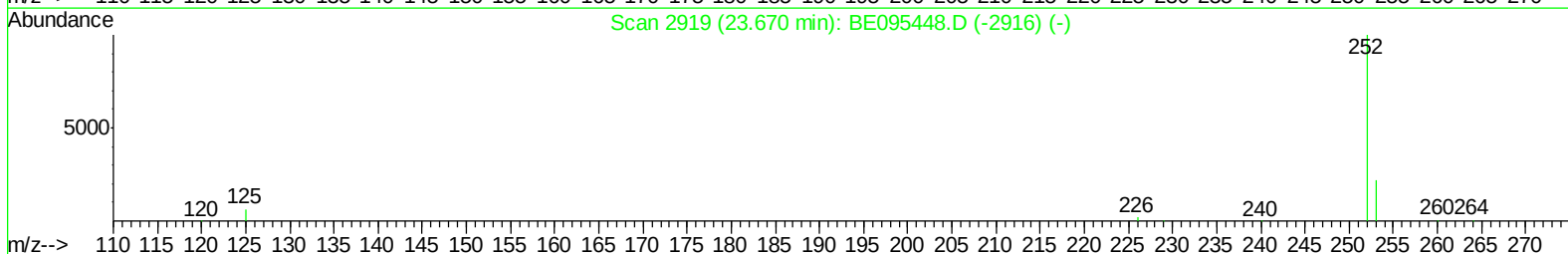
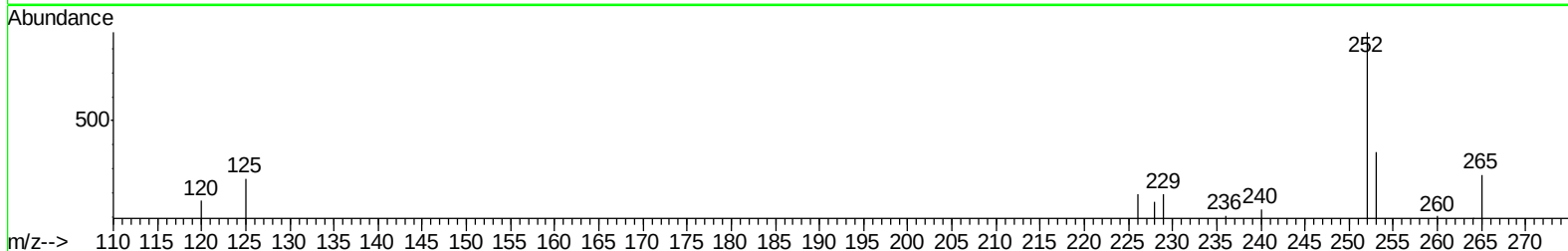
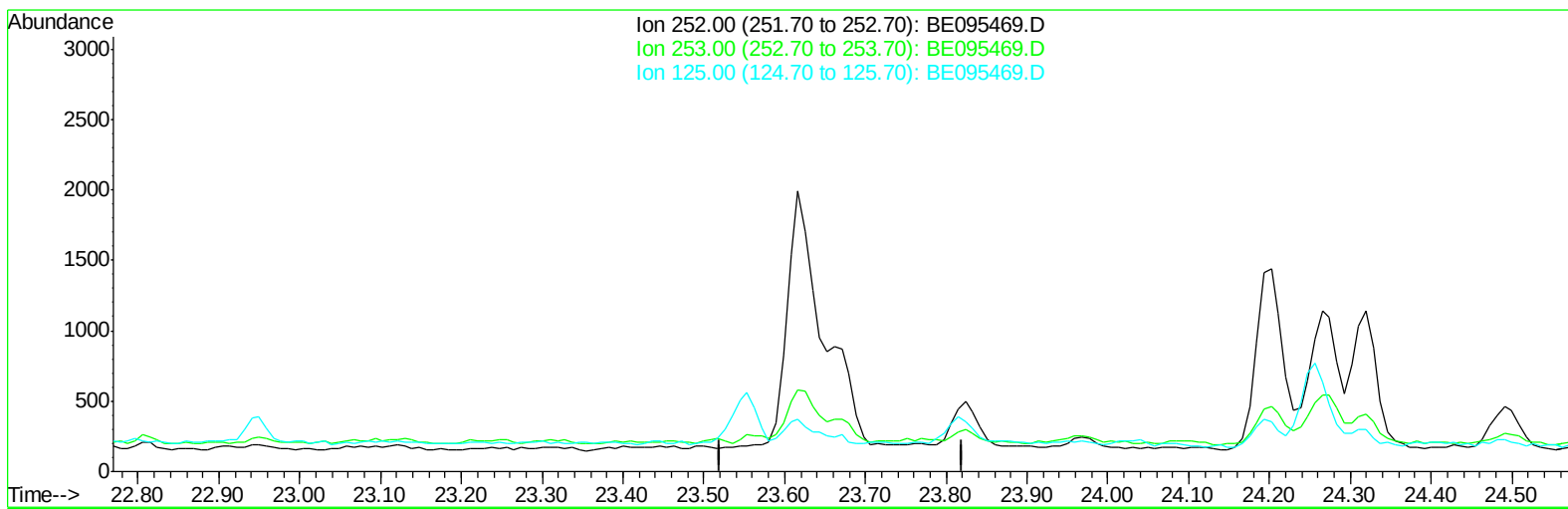
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:19:06 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: BE095469.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

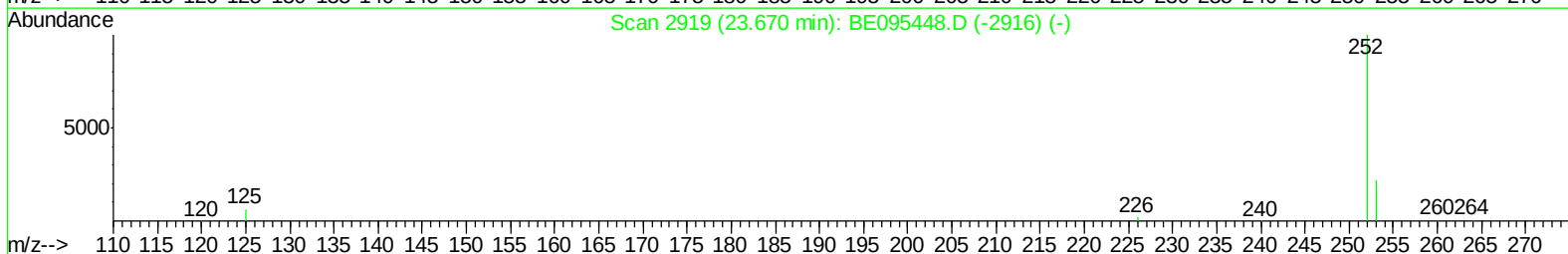
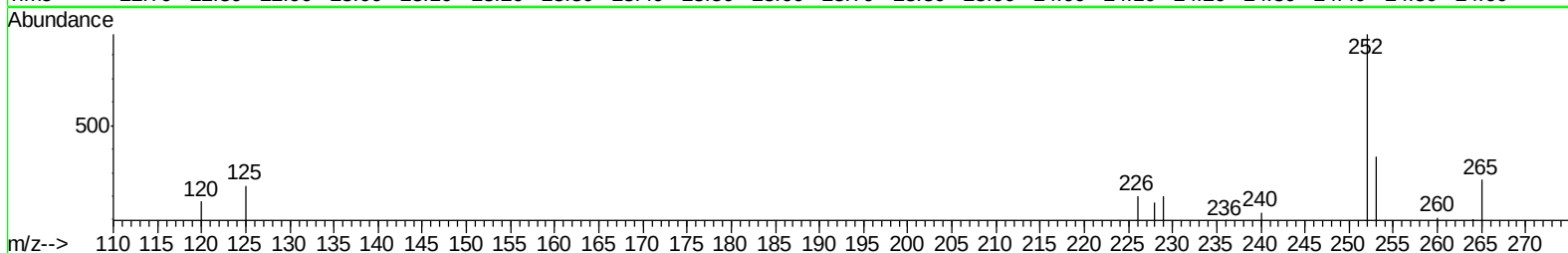
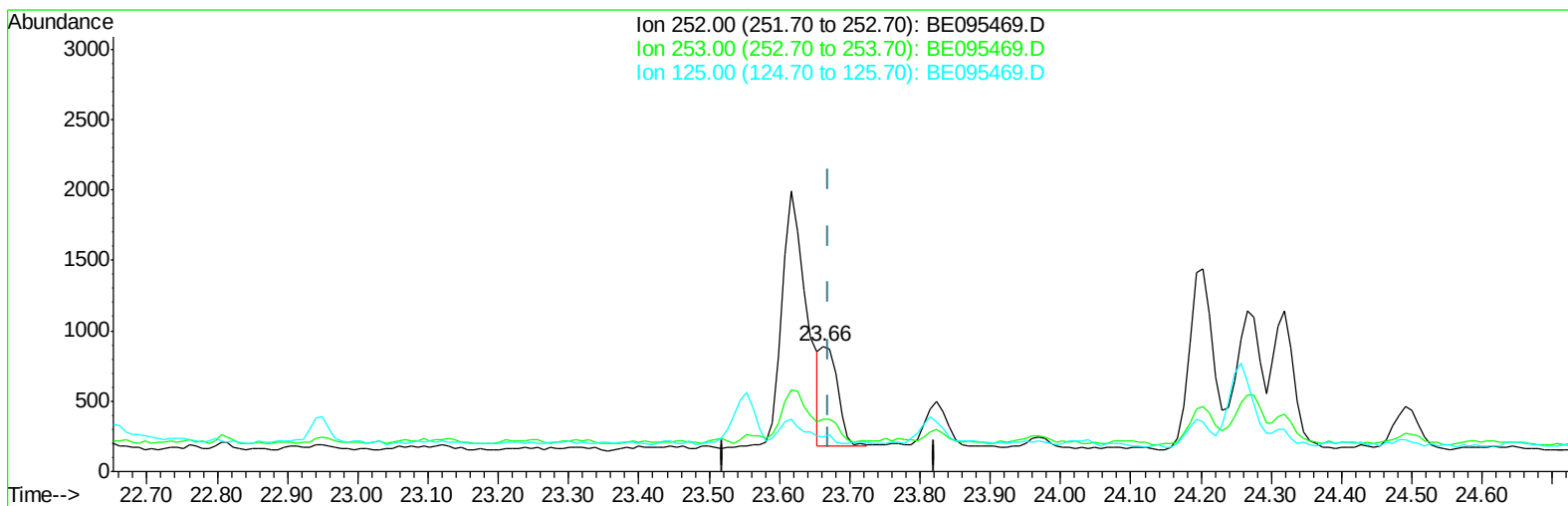
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:19:06 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: BE095469.D

(22) Benzo(k)fluoranthene

23.661min (-0.009) 0.05ng/ul m

response 1212

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	41.55#
125.00	17.10	27.48#
0.00	0.00	0.00

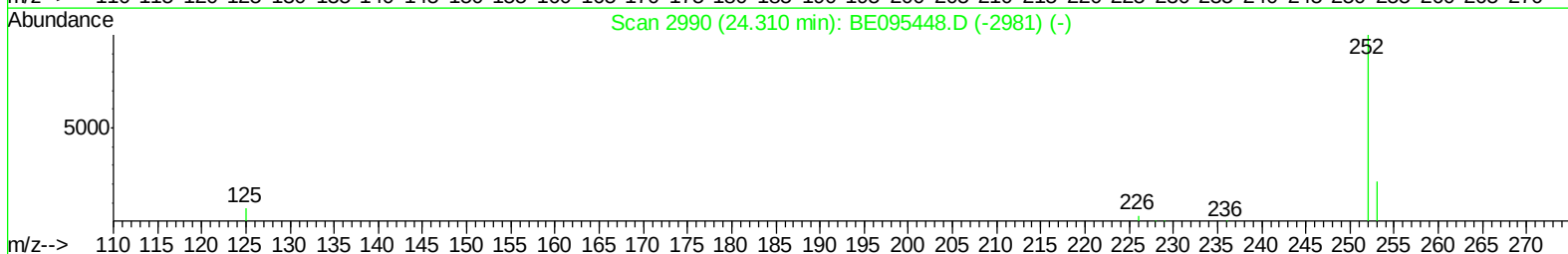
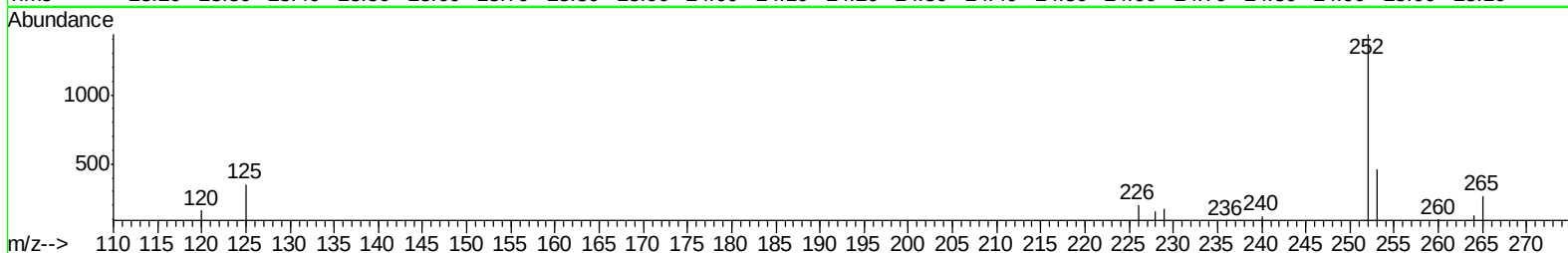
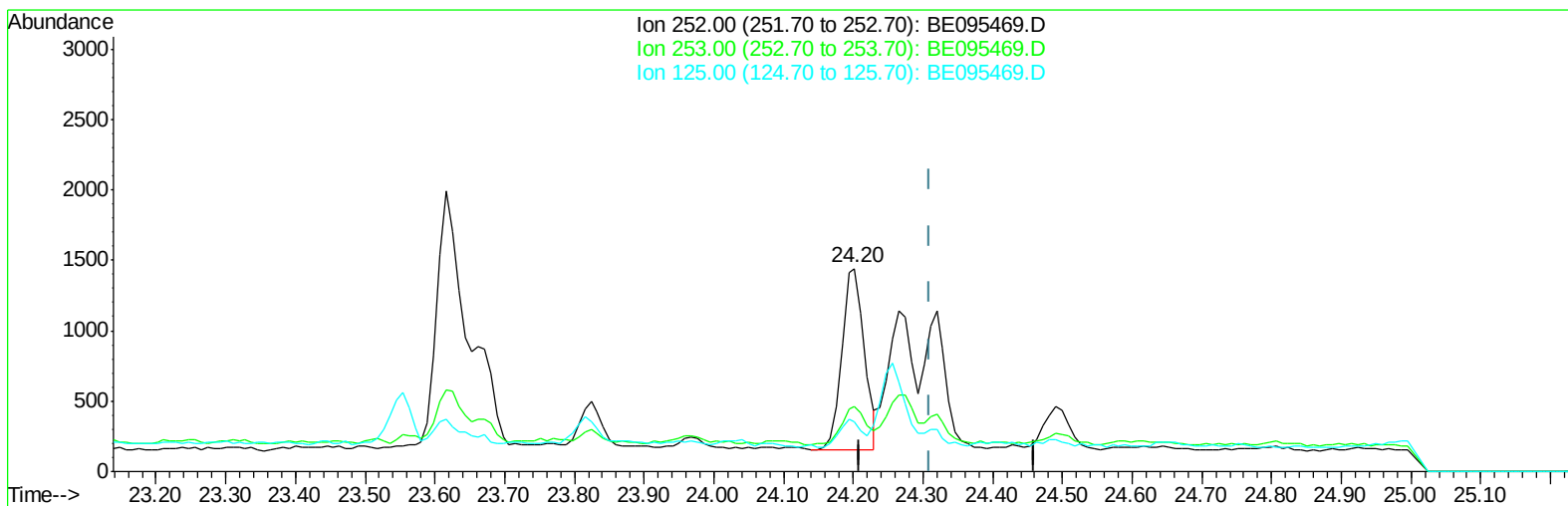
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:19:06 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: BE095469.D

(23) Benzo(a)pyrene (C)

24.202min (-0.108) 0.12ng/ul

response 2972

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	32.24
125.00	22.60	24.46
0.00	0.00	0.00

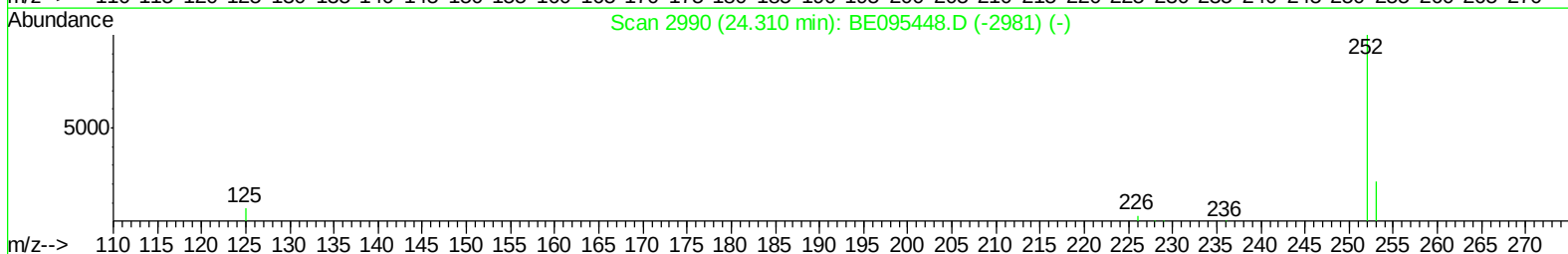
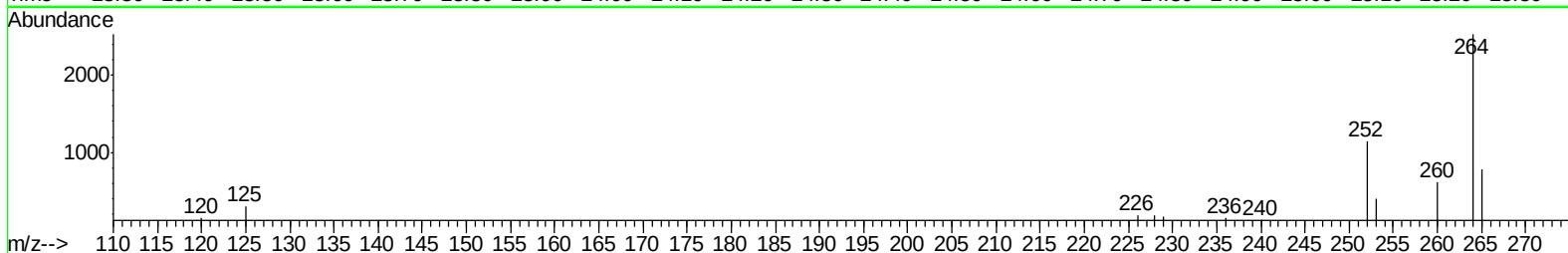
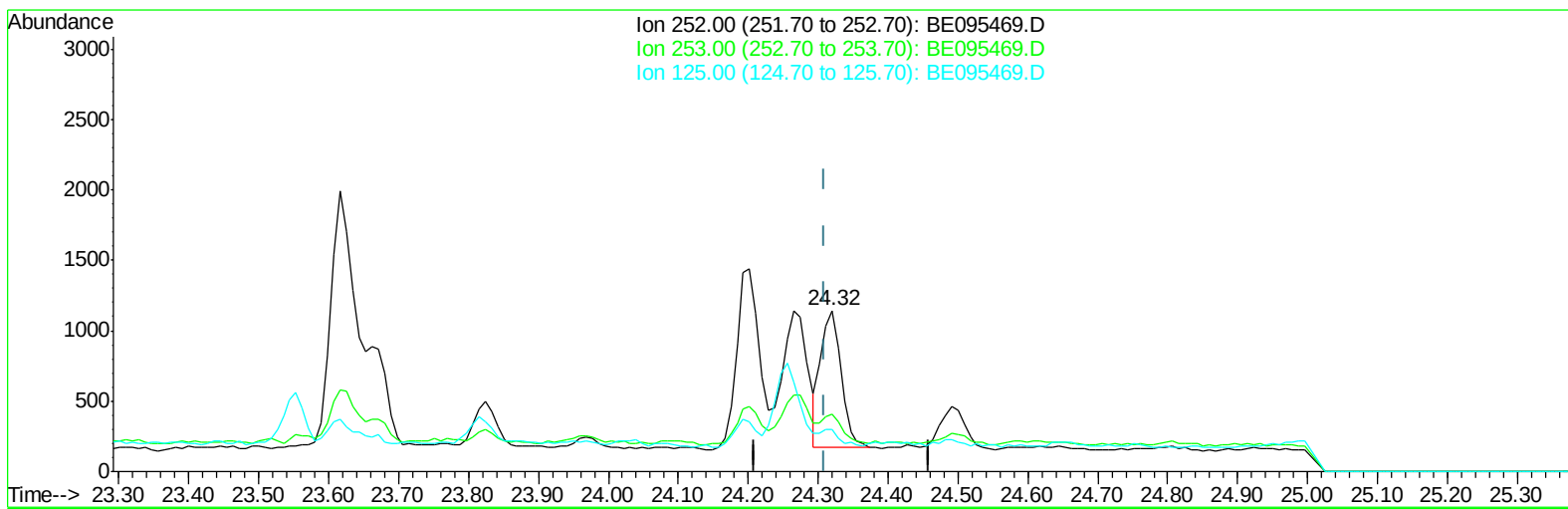
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:19:06 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: BE095469.D

(23) Benzo(a)pyrene (C)

24.319min (+0.009) 0.08ng/ul m

response 1987

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	35.87
125.00	22.60	26.33
0.00	0.00	0.00

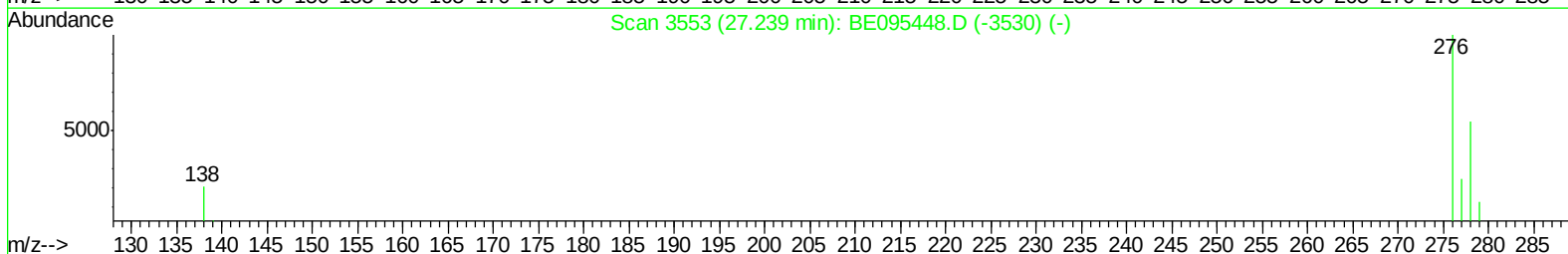
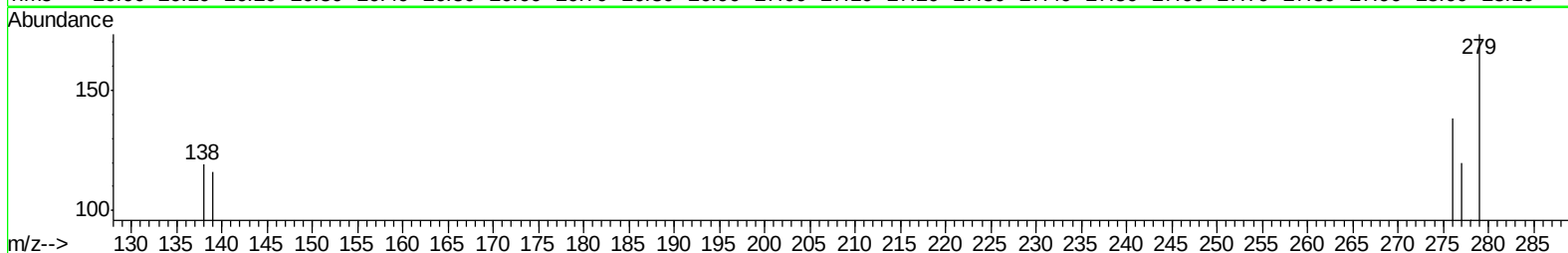
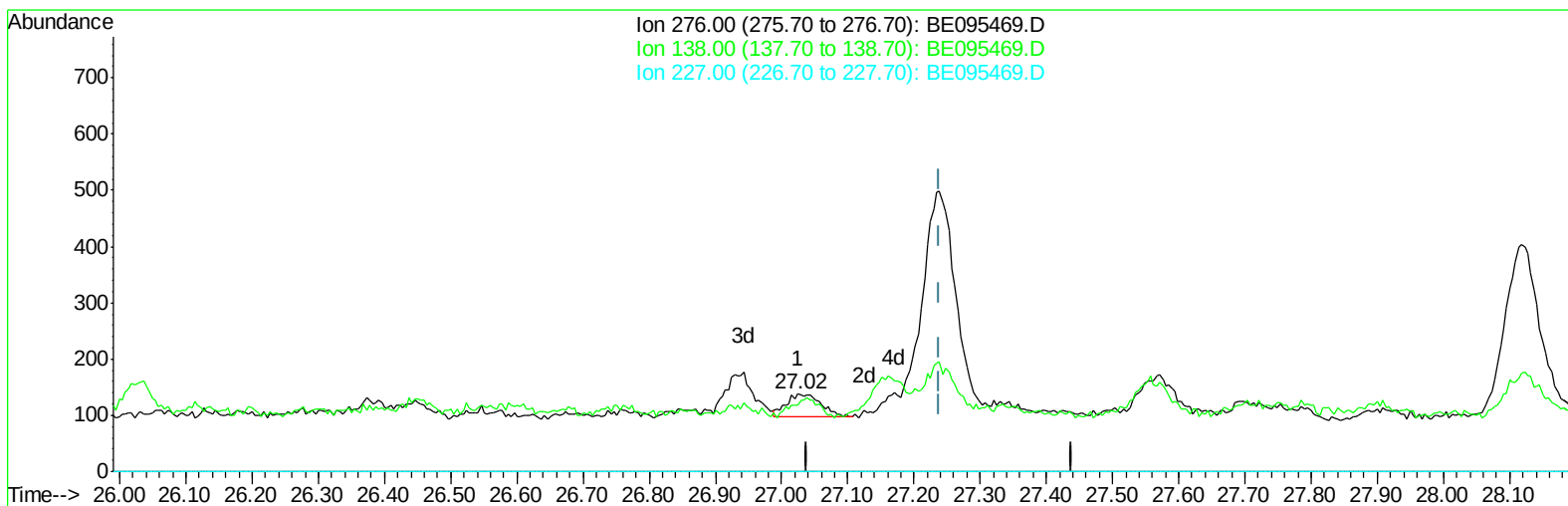
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Feb 05 07:19:06 2018
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TIC: BE095469.D

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

27.025min (-0.215) 0.01ng/ul

response 147

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	72.11#
227.00	10.00	0.00#
0.00	0.00	0.00

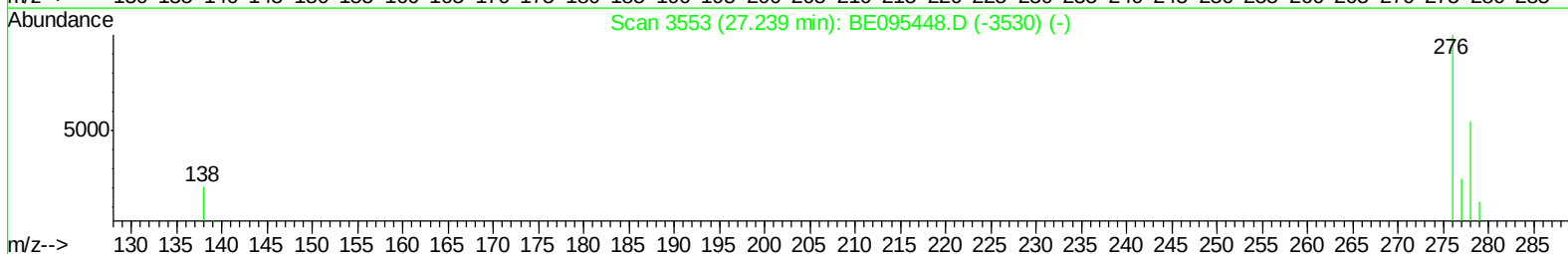
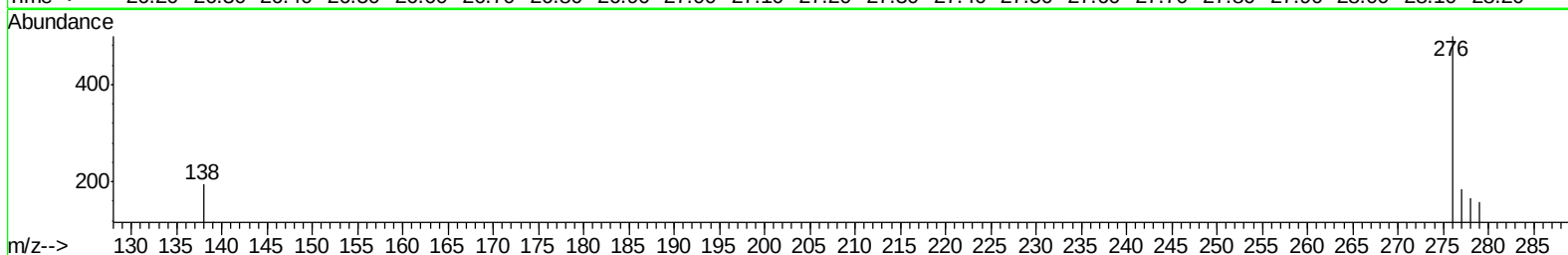
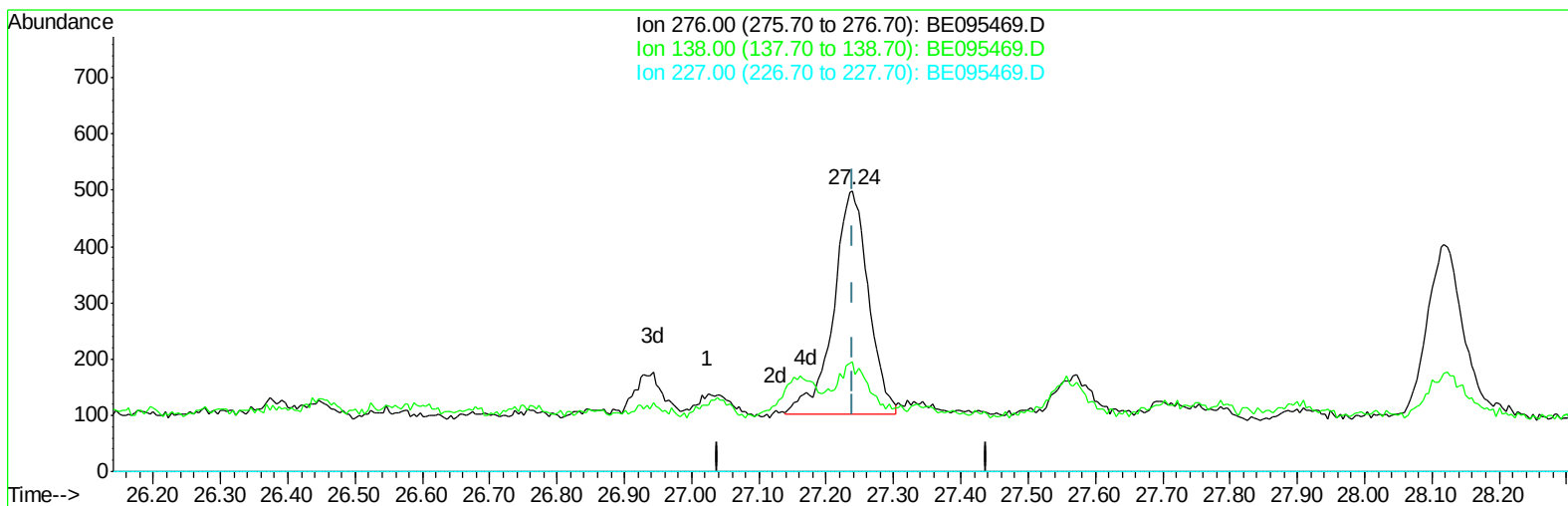
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

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2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:19:06 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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Response via : Initial Calibration



TIC: BE095469.D

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

27.239min (-0.001) 0.05ng/ul m

response 1438

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	7.37#
227.00	10.00	0.00#
0.00	0.00	0.00

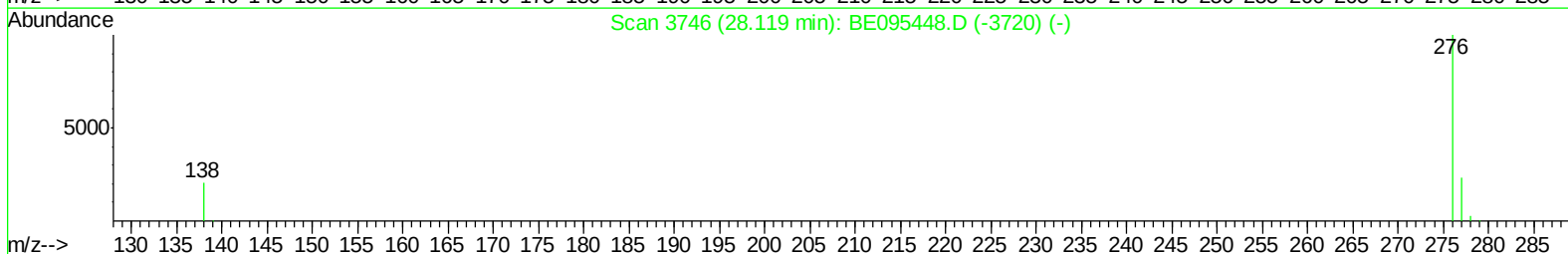
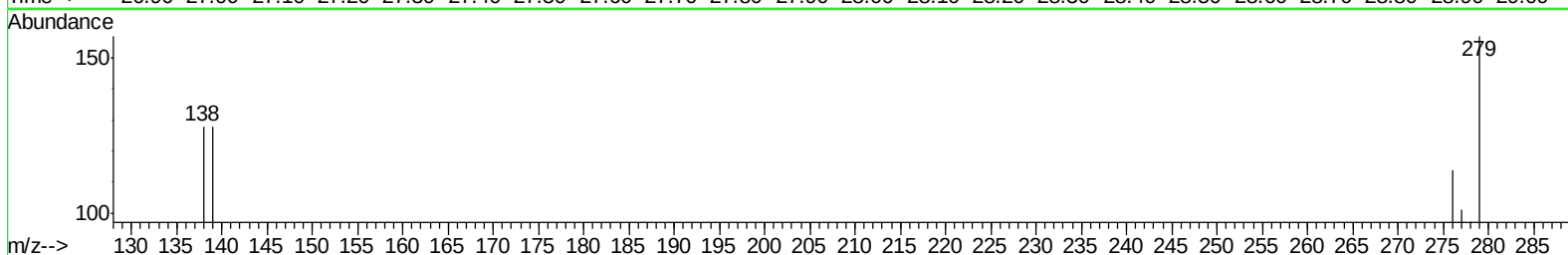
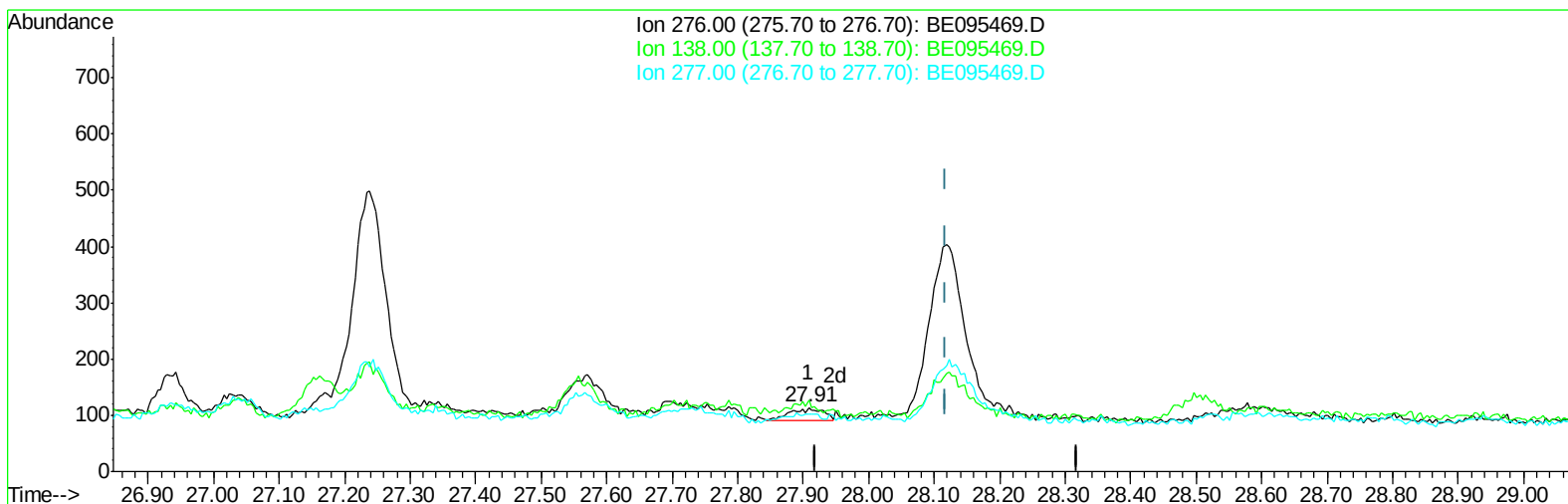
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:19:06 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE095469.D

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

27.909min (-0.210) 0.00ng/ul

response 81

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	112.28#
277.00	25.60	88.60#
0.00	0.00	0.00

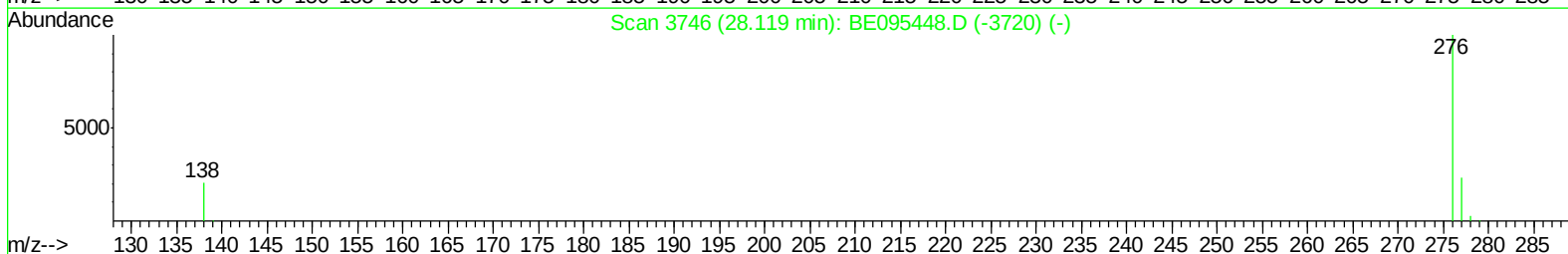
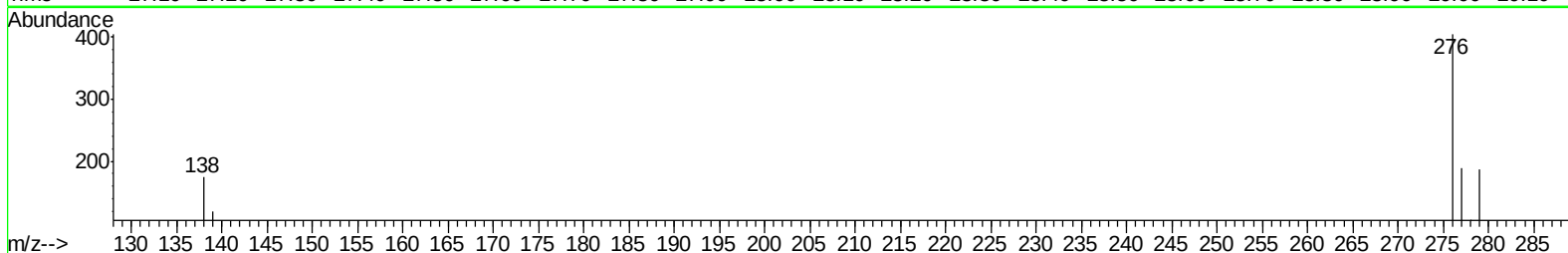
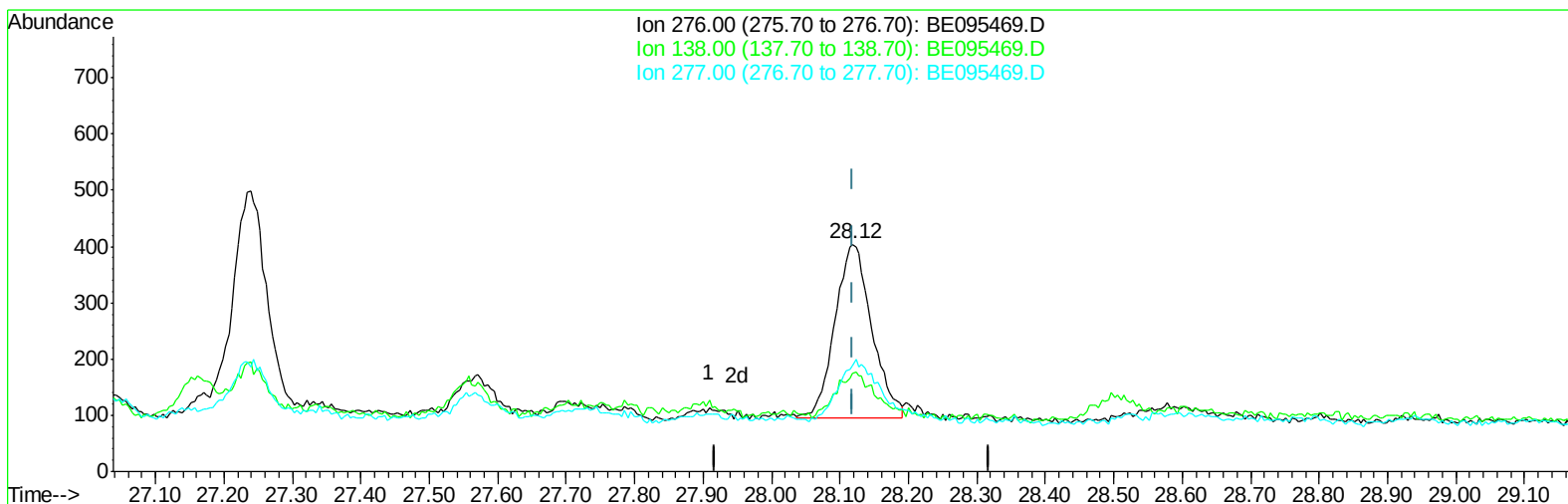
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Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C81

Manual Integrations
APPROVED

Sohil
2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:19:06 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: BE095469.D

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

28.118min (-0.001) 0.05ng/ul m

response 1152

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	43.07#
277.00	25.60	46.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
 Data File : BE095469.D
 Acq On : 4 Feb 2018 10:03
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/5/2018 7:01:07 PM

Quant Time: Feb 05 07:21:10 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1956	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5895	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3977	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8623	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	8225	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7711m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3297	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	8875	0.27	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	1158	0.061	ng/ul#	78
11) Pentachlorophenol	17.36	266	773	0.463	ng/ul	98
12) Phenanthrene	17.75	178	832	0.029	ng/ul#	64
13) Anthracene	17.85	178	1428m	0.054	ng/ul	
15) Fluoranthene	19.72	202	2972	0.079	ng/ul	82
17) Pyrene	20.08	202	5138m	0.186	ng/ul	
18) Benzo(a)anthracene	21.79	228	2893	0.113	ng/ul#	65
19) Chrysene	21.84	228	3203	0.120	ng/ul#	78
21) Benzo(b)fluoranthene	23.62	252	4514m	0.166	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	1212m	0.049	ng/ul	
23) Benzo(a)pyrene	24.32	252	1987m	0.082	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	1438m	0.054	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	1152m	0.051	ng/ul	

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

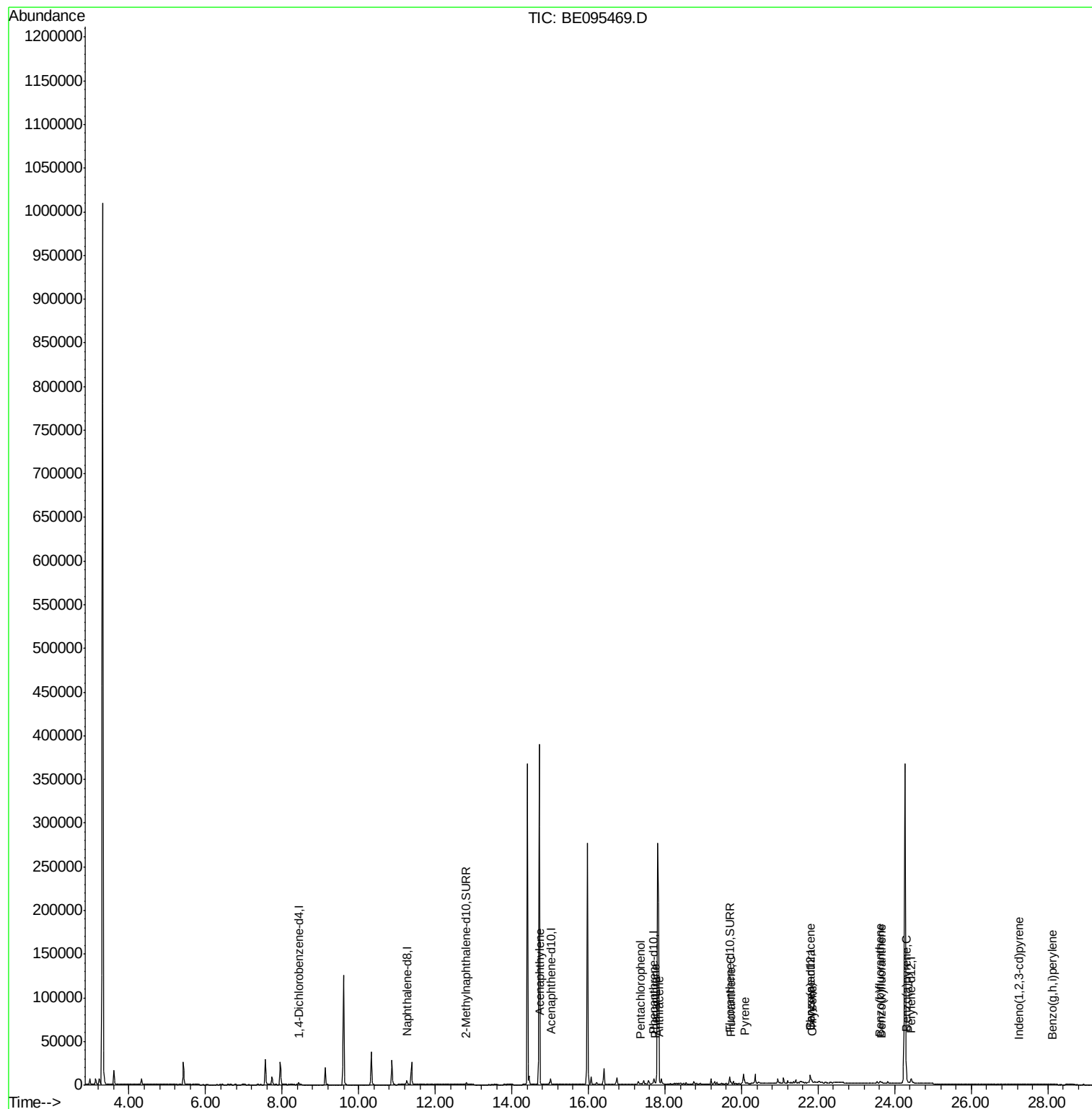
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Data File : BE095469.D
Acq On : 4 Feb 2018 10:03
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Feb 05 07:21:10 2018
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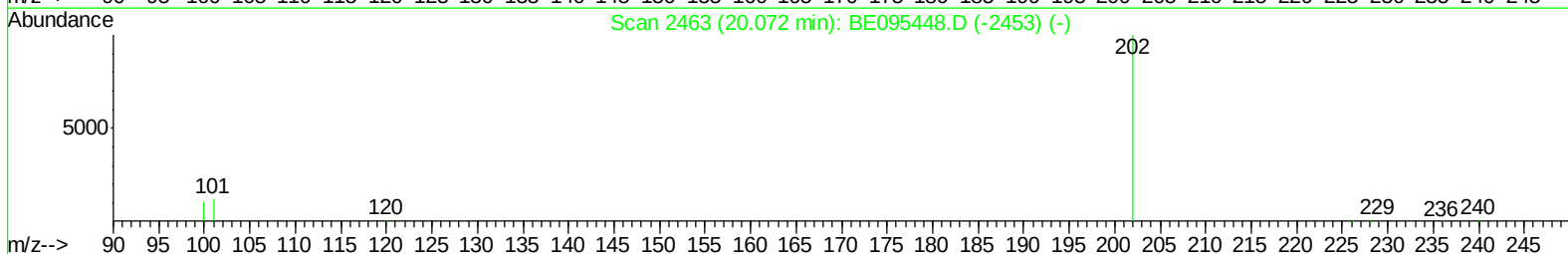
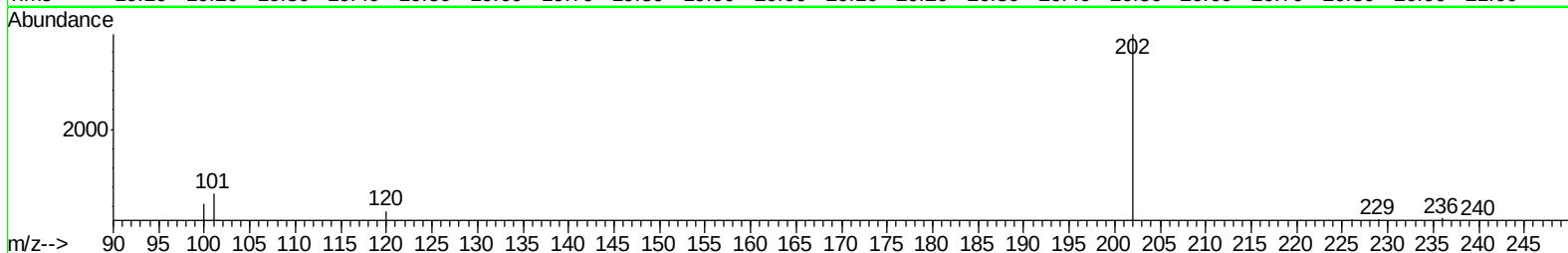
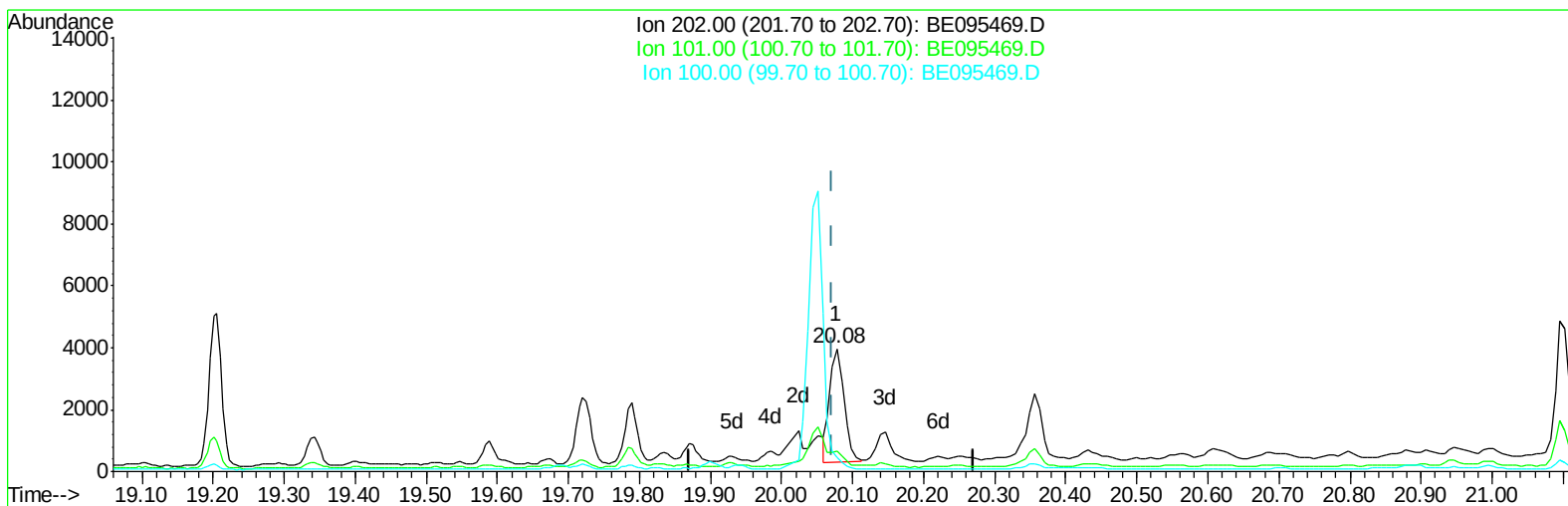
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TIC: BE095469.D

(17) Pyrene

20.078min (+0.006) 0.19ng/ul m

response 5138

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	16.75#
100.00	19.50	11.66#
0.00	0.00	0.00