

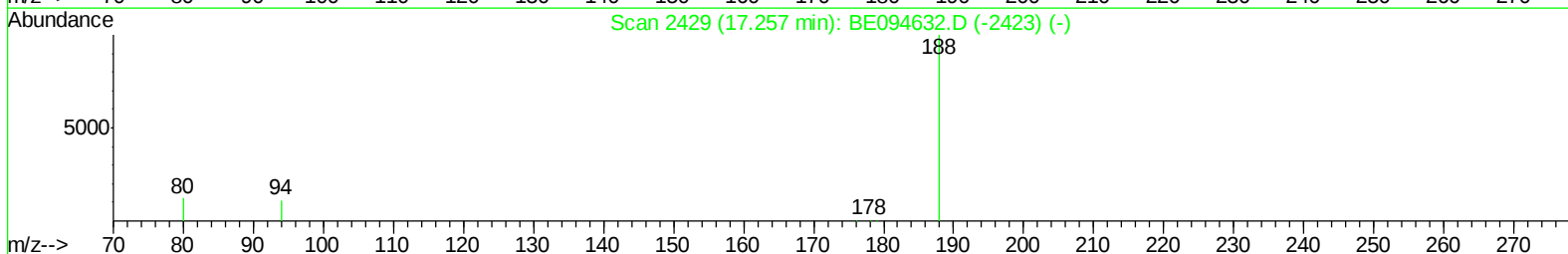
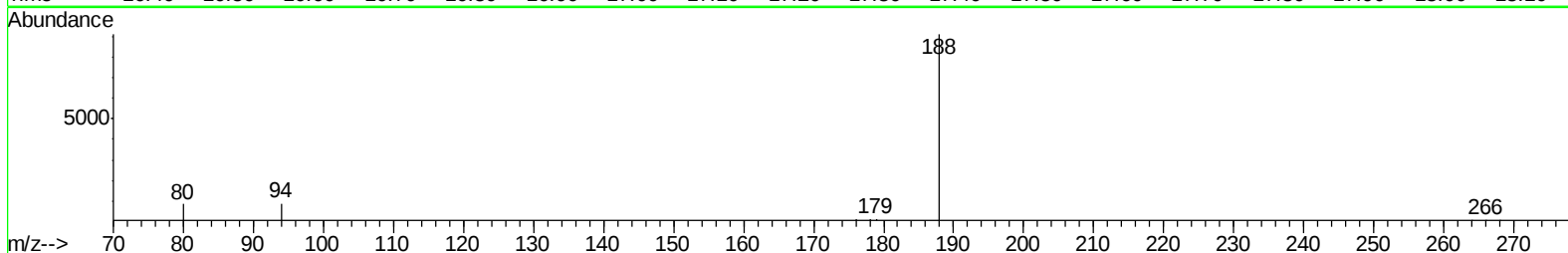
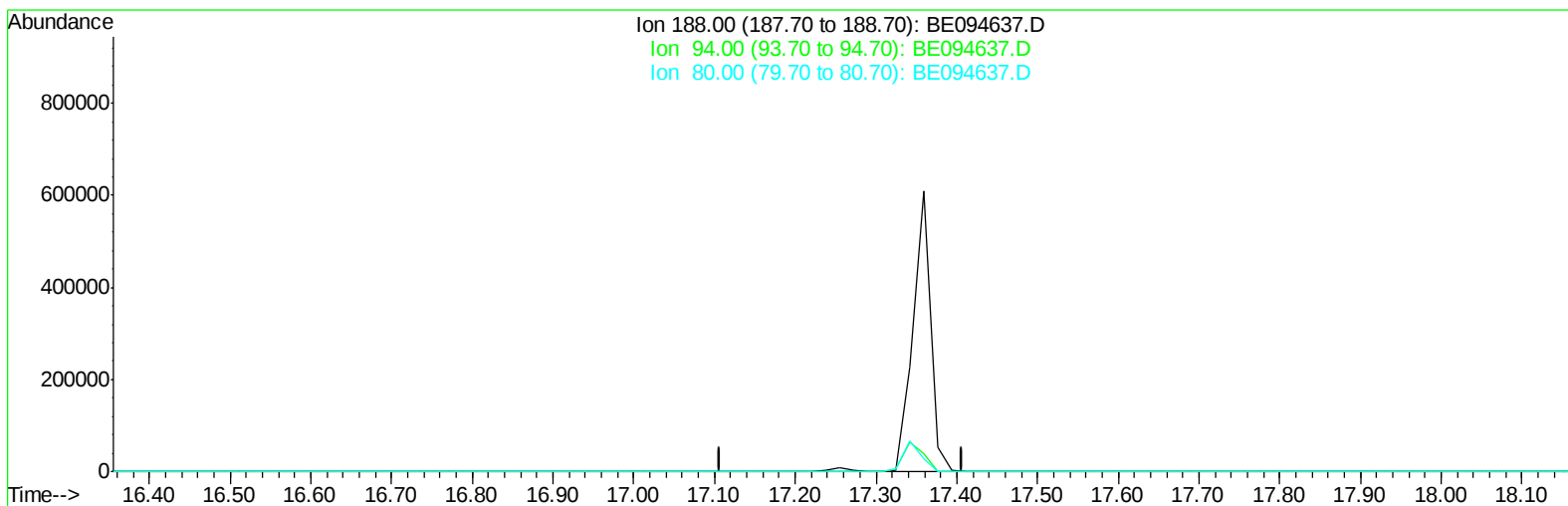
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:38:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 04:29:38 2017
Response via : Initial Calibration



TIC: BE094637.D

(10) Phenanthrene-d10 (I)

17.257min (-17.257) 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

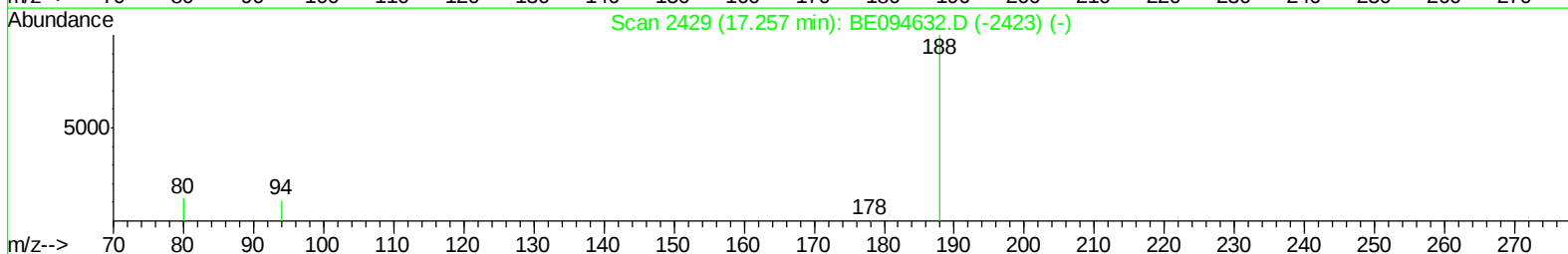
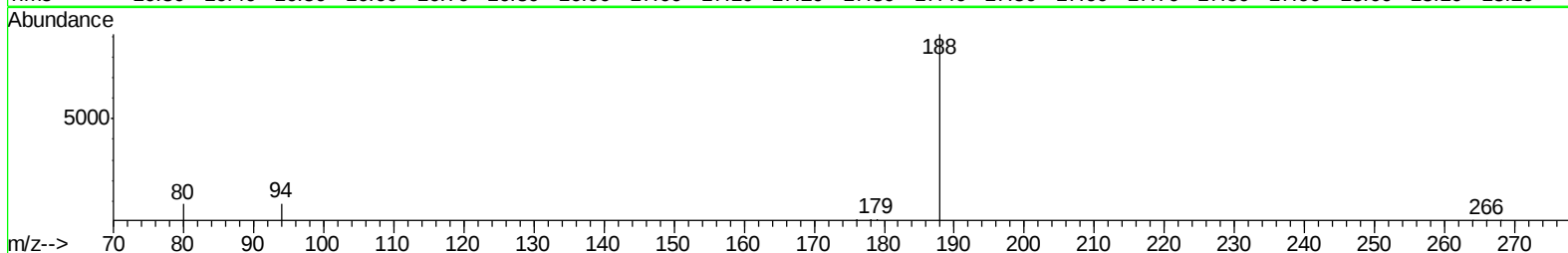
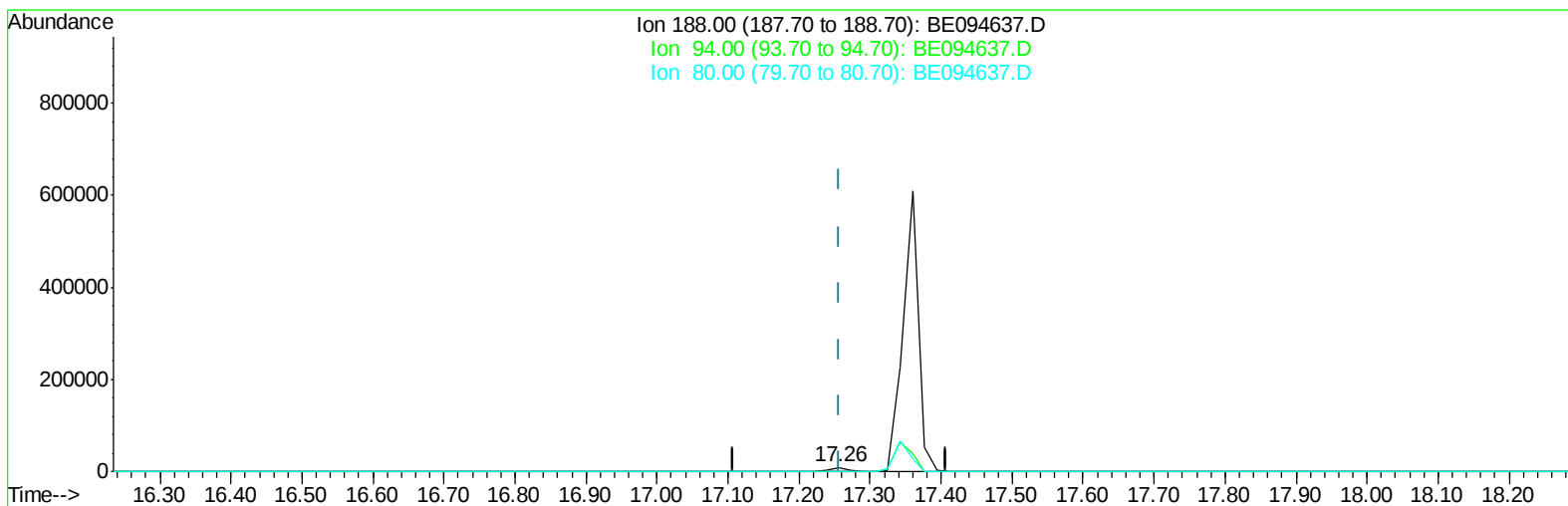
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094637.D
 Acq On : 28 Oct 2017 23:51
 Operator : SJ/JU
 Sample : I5842-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:38:28 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BE094637.D

(10) Phenanthrene-d10 (I)

17.256min (-0.002) 0.40ng/ul m

response 13304

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.57
80.00	11.80	9.11#
0.00	0.00	0.00

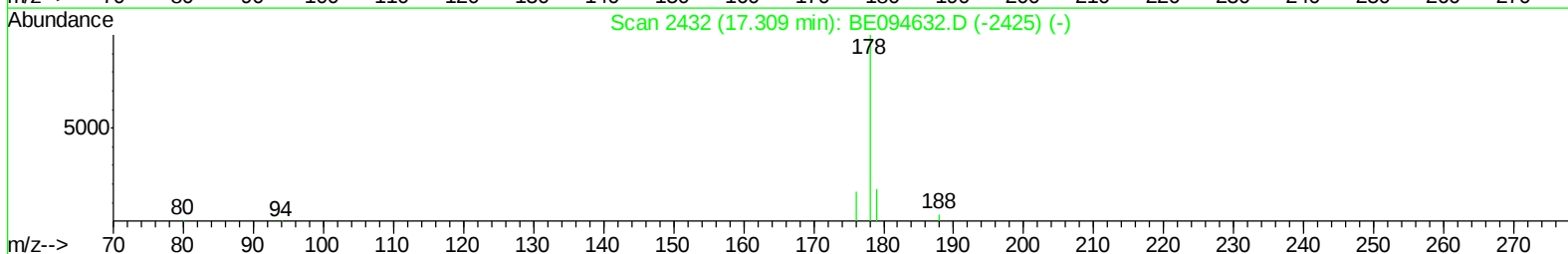
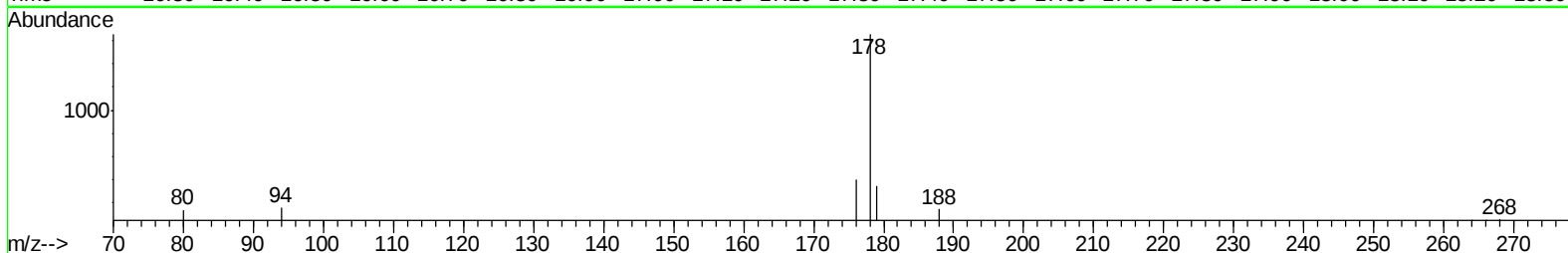
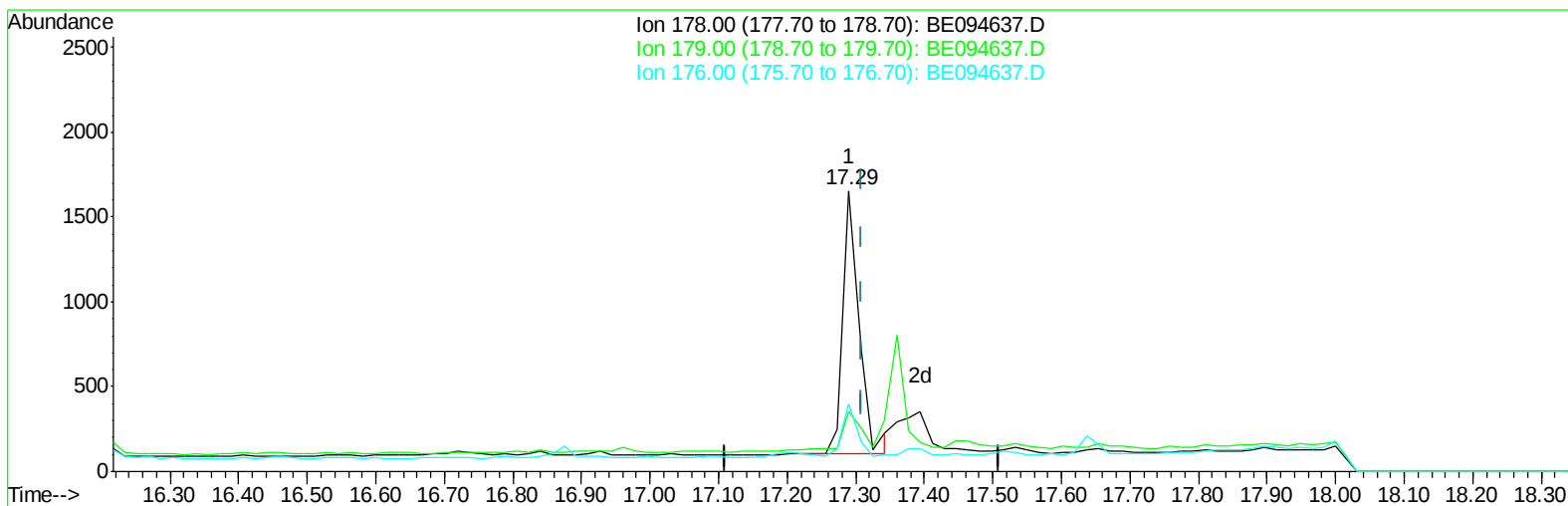
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:55:24 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 04:29:38 2017
Response via : Initial Calibration



TIC: BE094637.D

(12) Phenanthrene

17.290min (-0.019) 0.07ng/ul

response 2544

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	21.29
176.00	17.00	24.20#
0.00	0.00	0.00

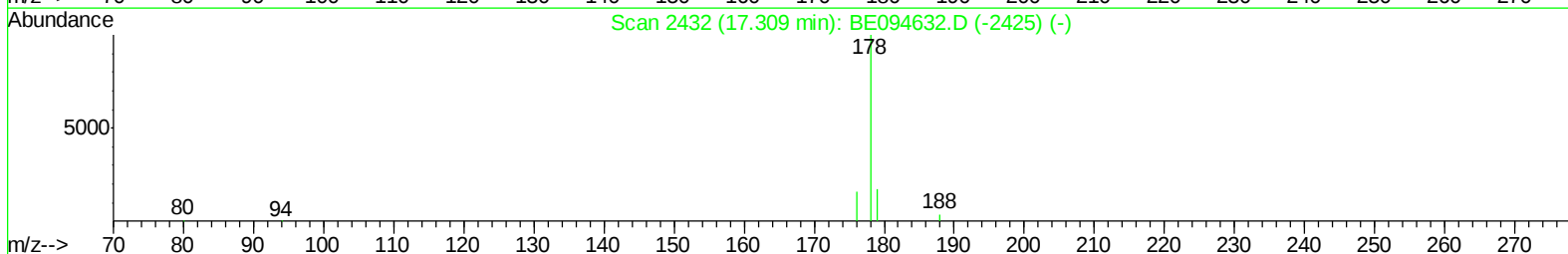
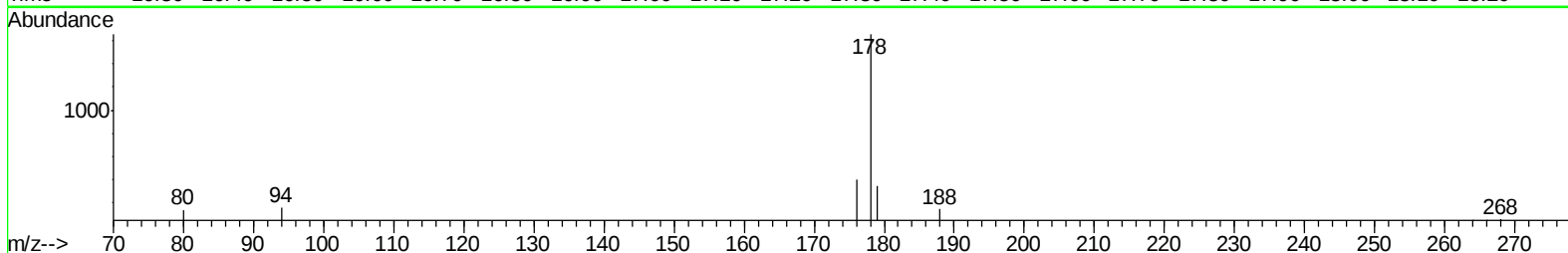
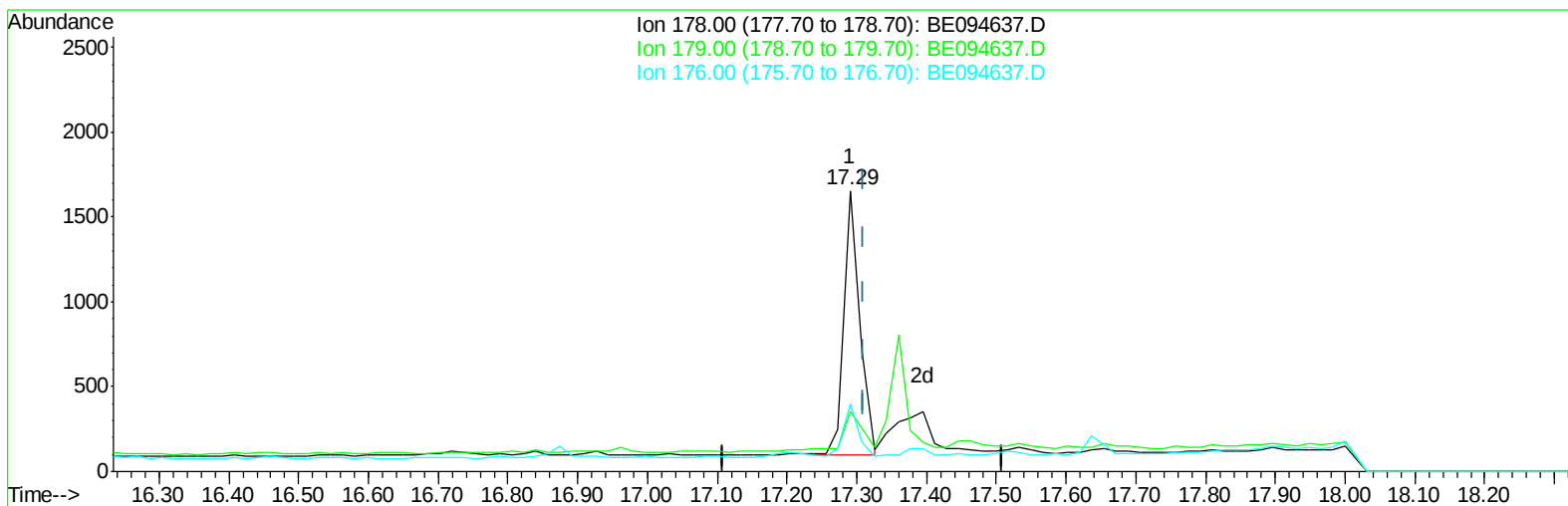
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Oct 30 04:55:24 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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TIC: BE094637.D

(12) Phenanthrene

17.290min (-0.019) 0.07ng/ul m

response 2444

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	21.29
176.00	17.00	24.20#
0.00	0.00	0.00

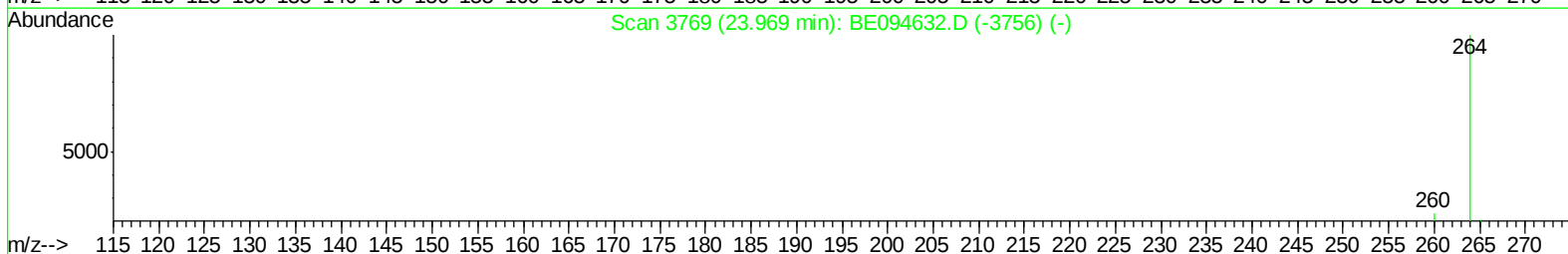
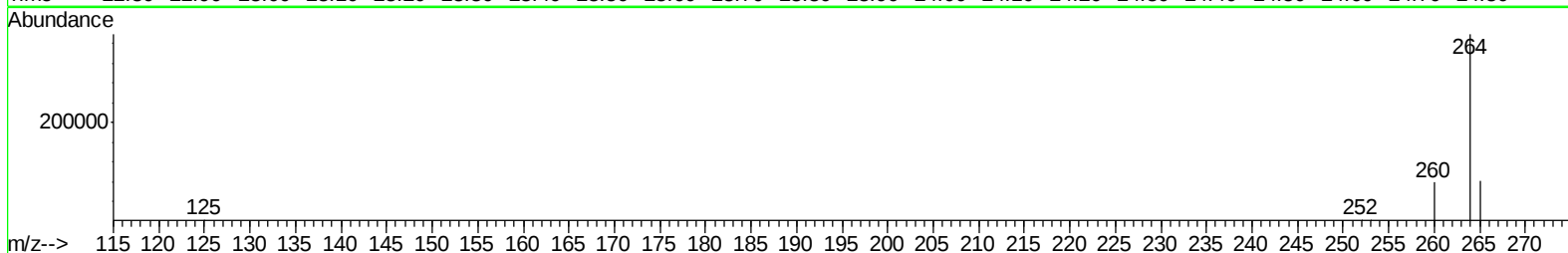
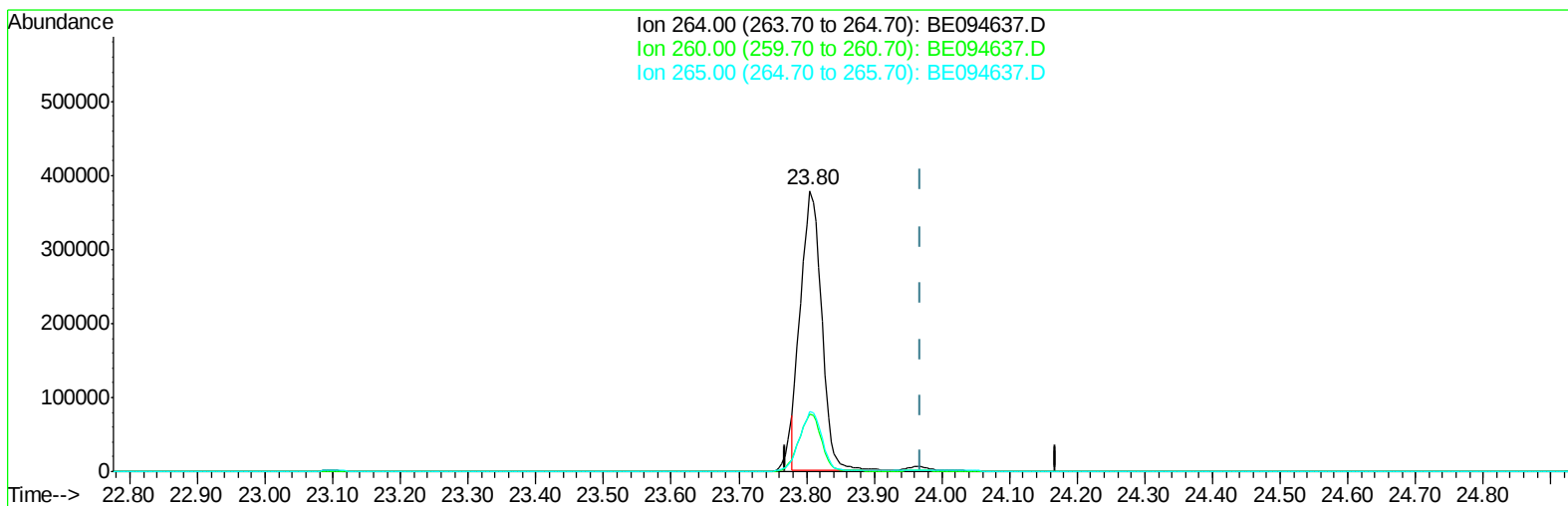
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
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TIC: BE094637.D

(20) Perylene-d12 (I)

23.805min (-0.164) 0.40ng/ul

response 815306

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.69#
265.00	103.50	21.35#
0.00	0.00	0.00

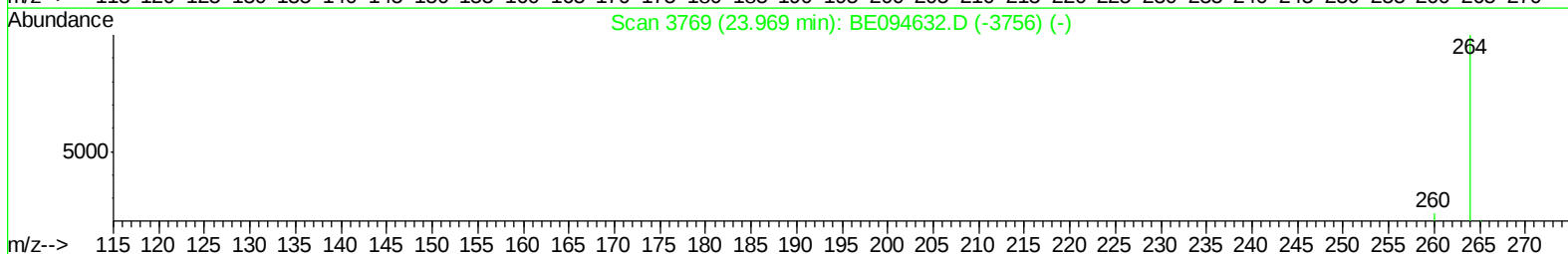
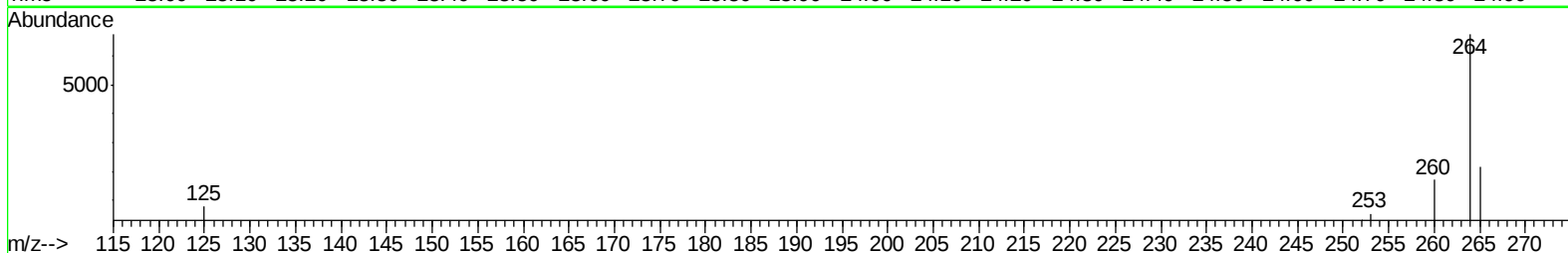
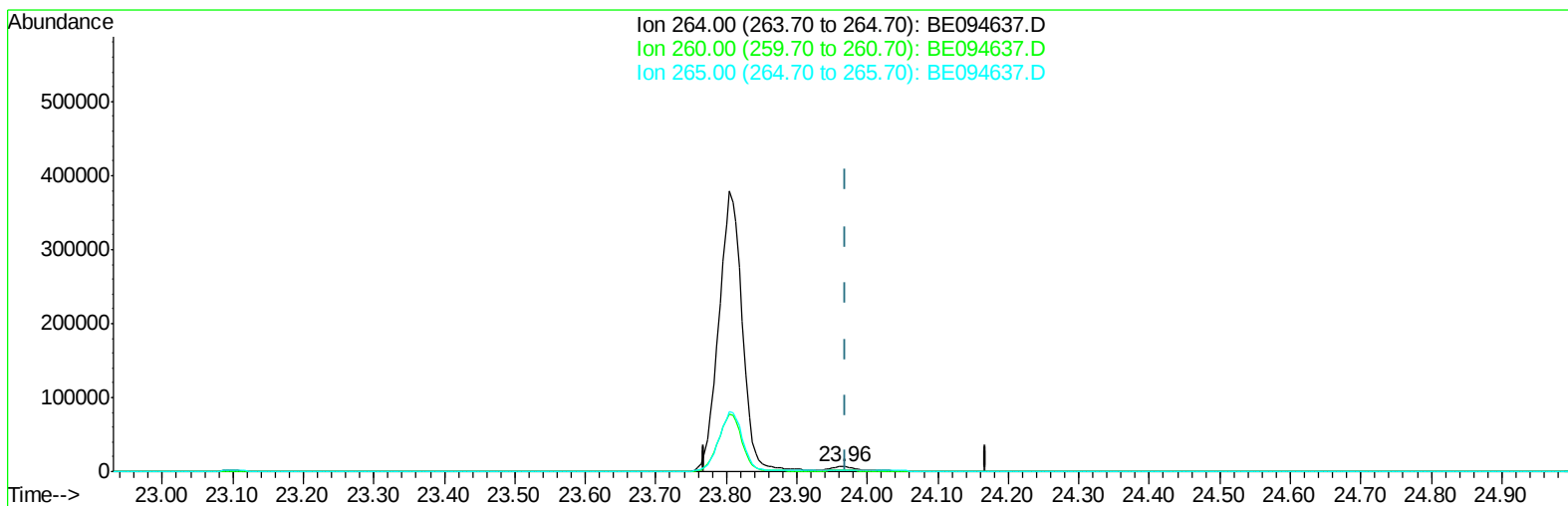
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:55:24 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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Response via : Initial Calibration



TIC: BE094637.D

(20) Perylene-d12 (I)

23.964min (-0.005) 0.40ng/ul m

response 12428

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.18
265.00	103.50	31.93#
0.00	0.00	0.00

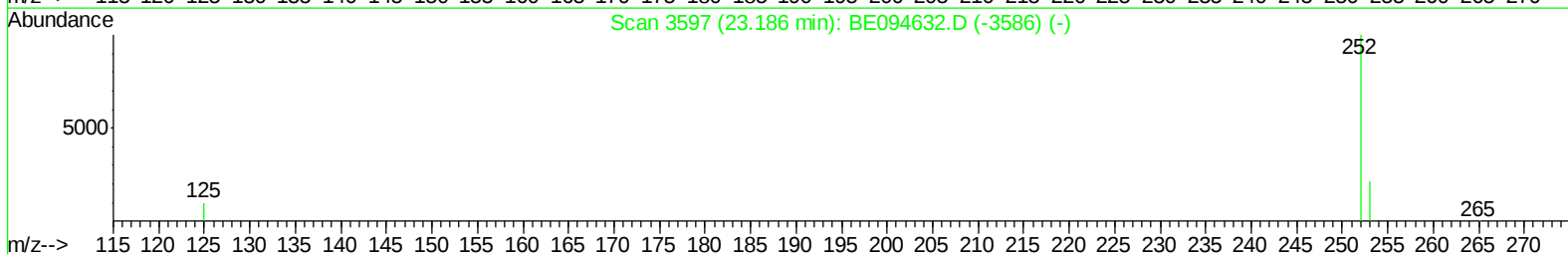
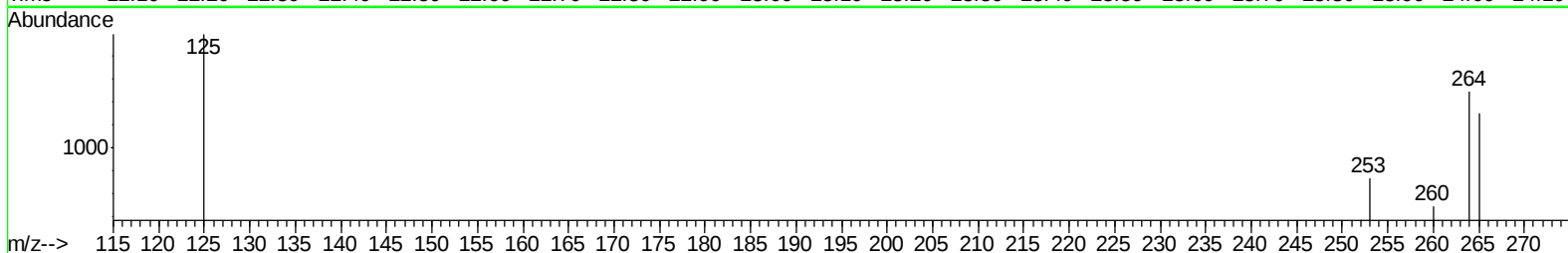
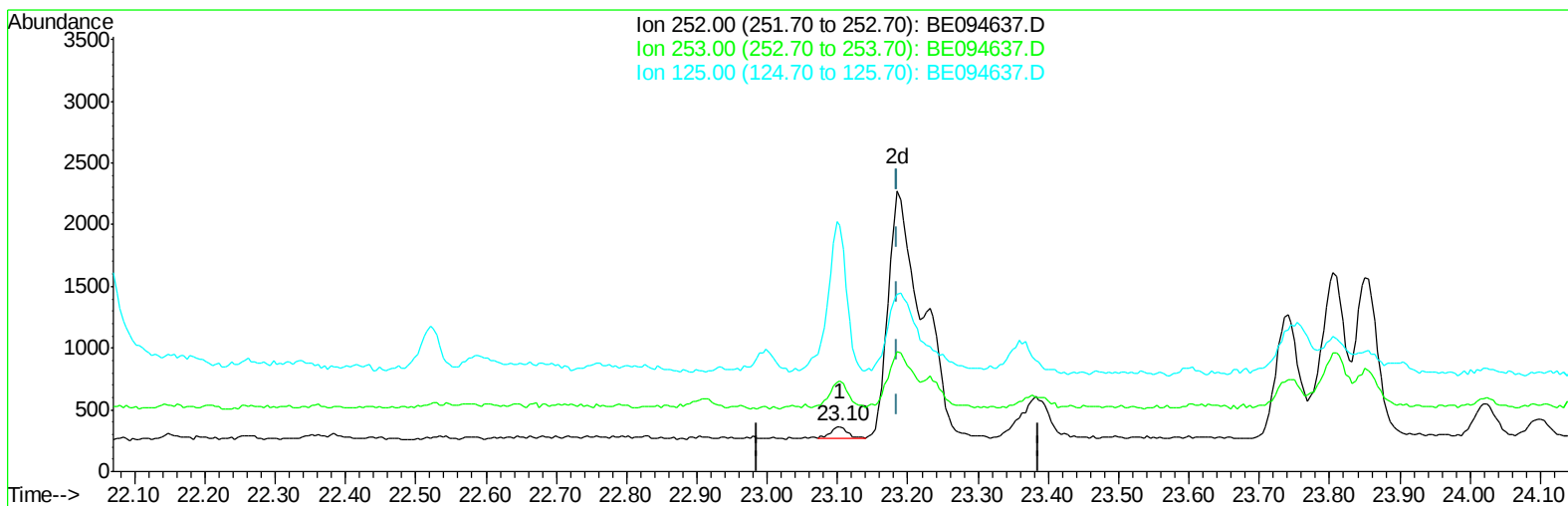
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:57:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 04:29:38 2017
Response via : Initial Calibration



TIC: BE094637.D

(21) Benzo(b)fluoranthene

23.104min (-0.082) 0.00ng/ul

response 174

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	201.10#
125.00	17.50	546.30#
0.00	0.00	0.00

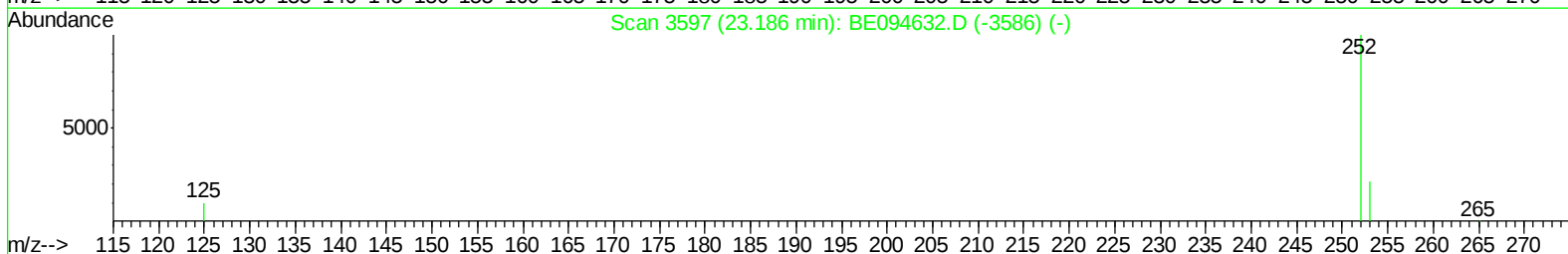
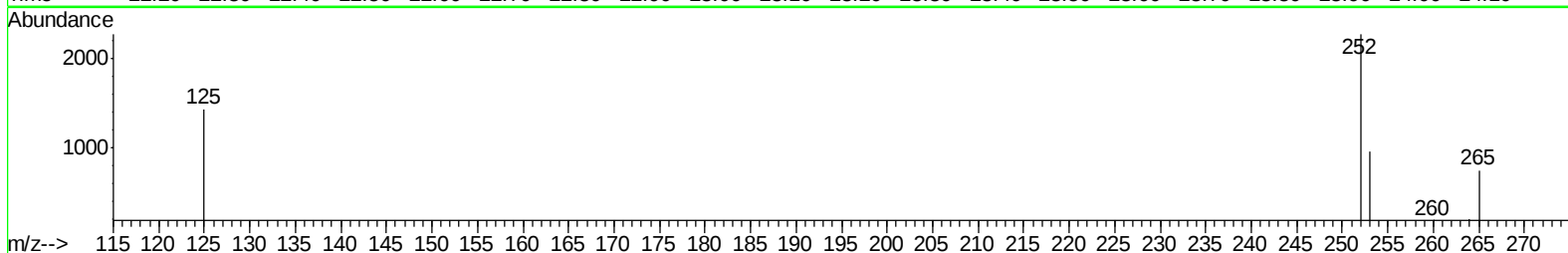
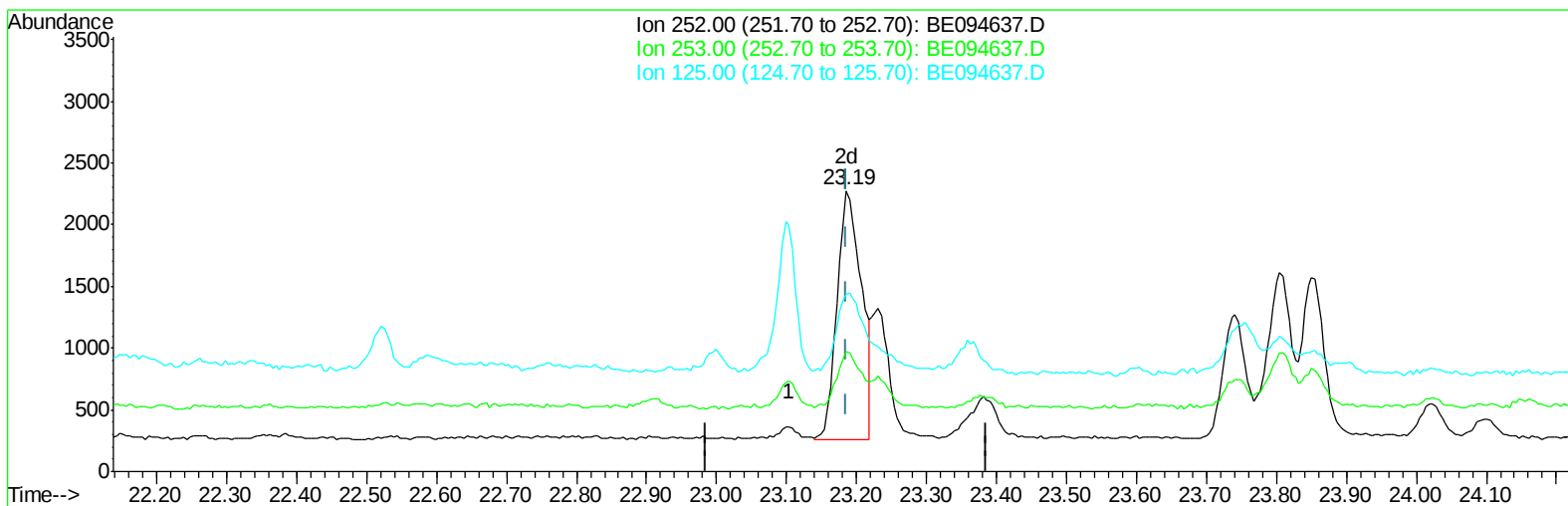
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:57:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 04:29:38 2017
Response via : Initial Calibration



TIC: BE094637.D

(21) Benzo(b)fluoranthene

23.186min (-0.001) 0.14ng/ul m

response 4861

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	42.54
125.00	17.50	63.09#
0.00	0.00	0.00

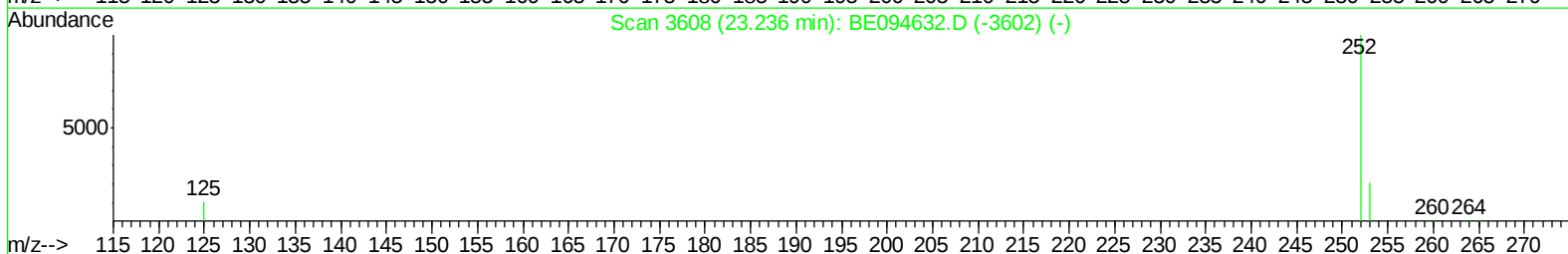
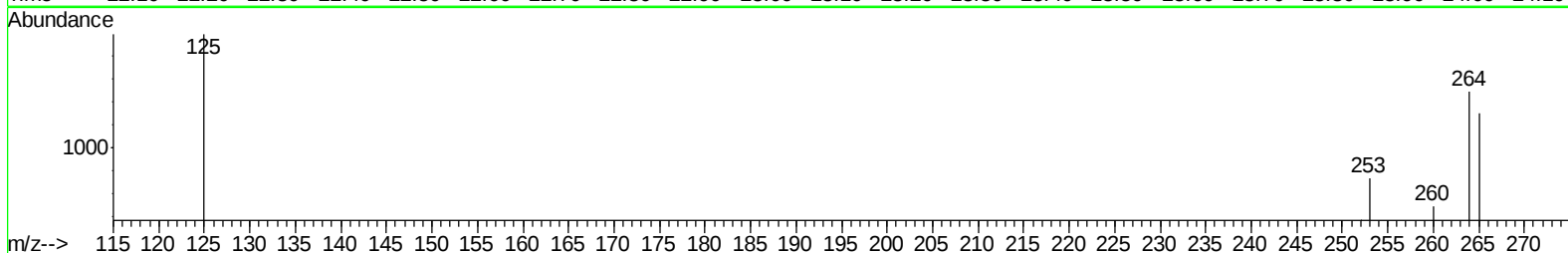
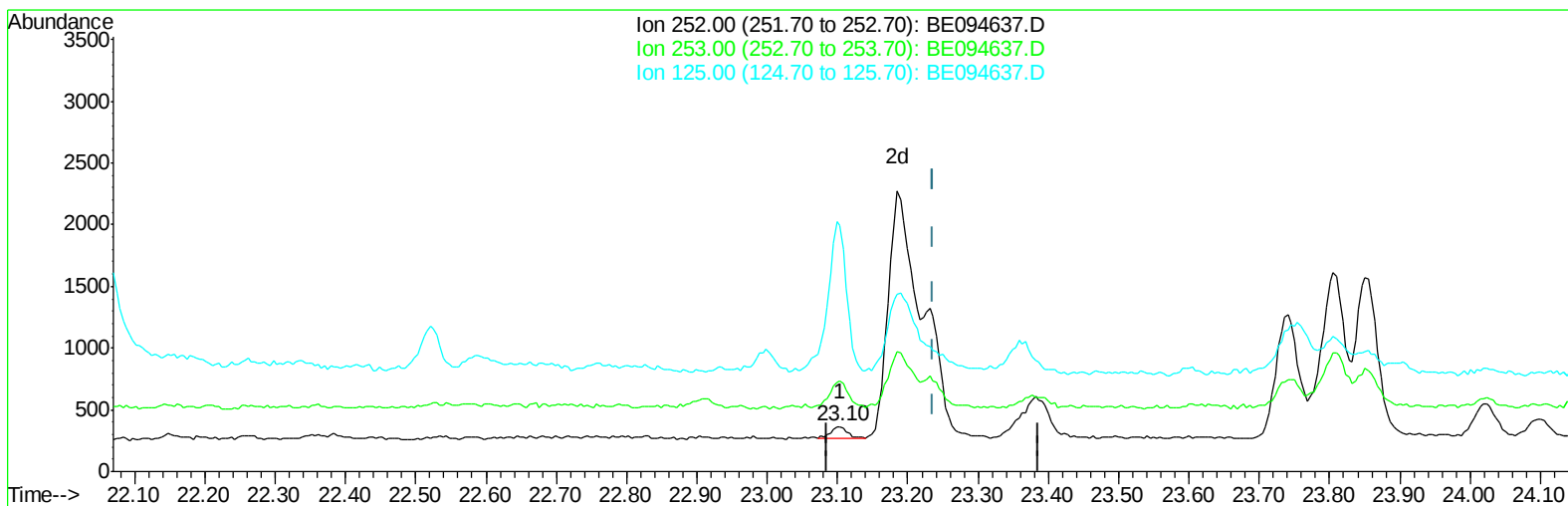
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:57:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 04:29:38 2017
Response via : Initial Calibration



TIC: BE094637.D

(22) Benzo(k)fluoranthene
23.104min (-0.133) 0.00ng/ul
response 174

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	201.10#
125.00	17.10	546.30#
0.00	0.00	0.00

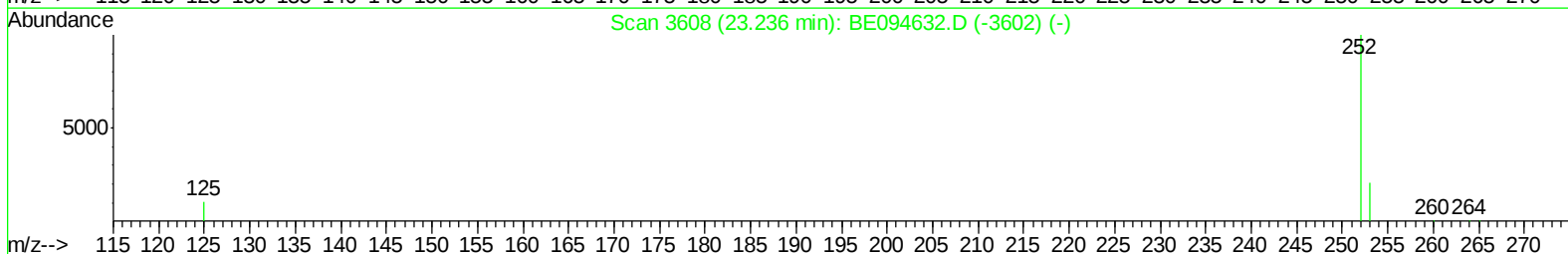
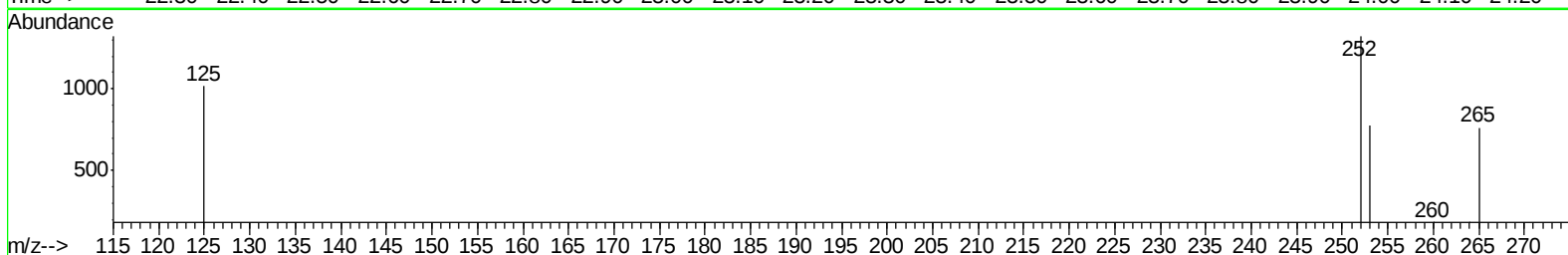
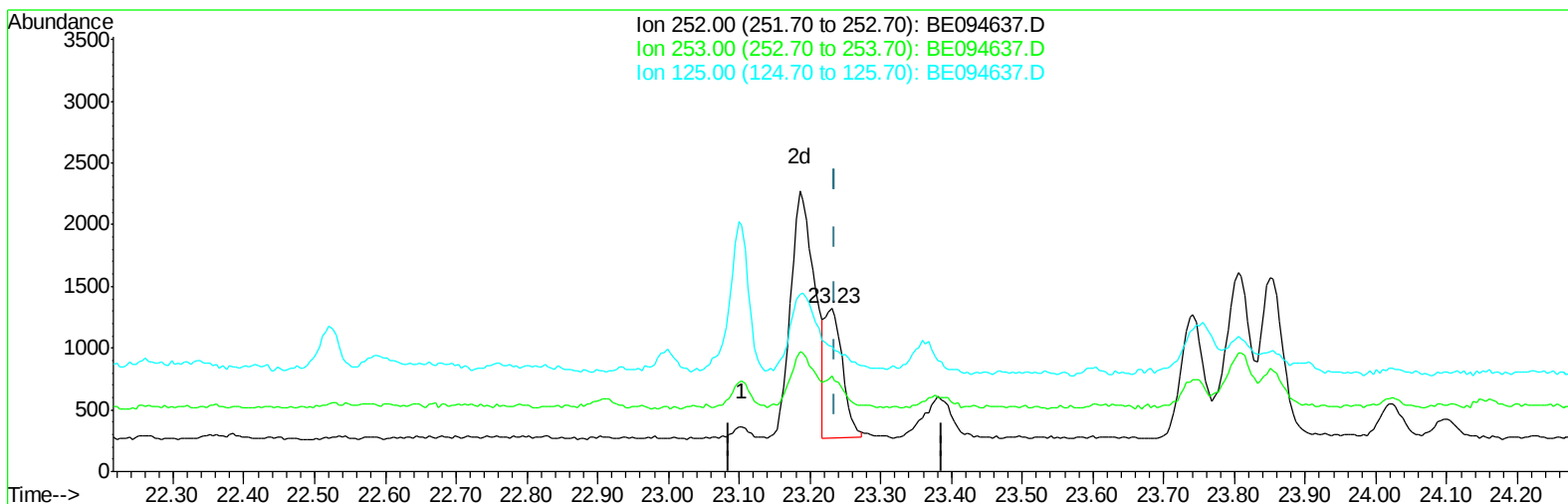
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094637.D
 Acq On : 28 Oct 2017 23:51
 Operator : SJ/JU
 Sample : I5842-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:57:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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TIC: BE094637.D

(22) Benzo(k)fluoranthene

23.231min (-0.005) 0.05ng/ul m

response 1775

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	58.70#
125.00	17.10	76.70#
0.00	0.00	0.00

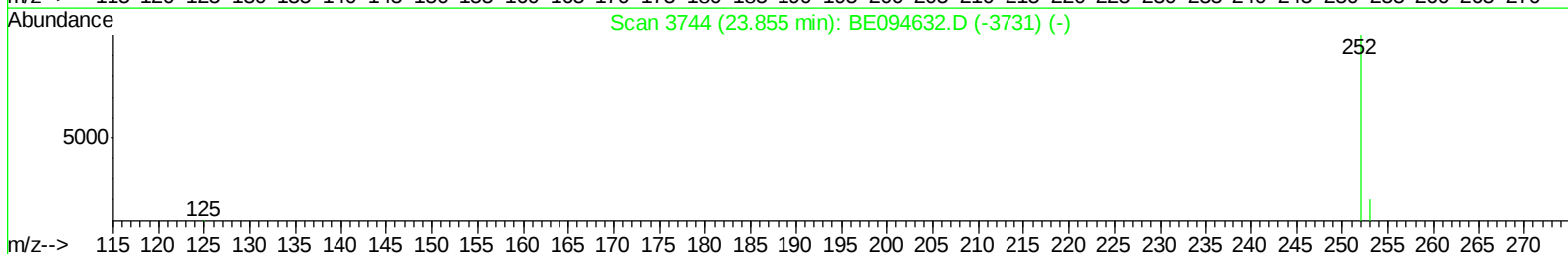
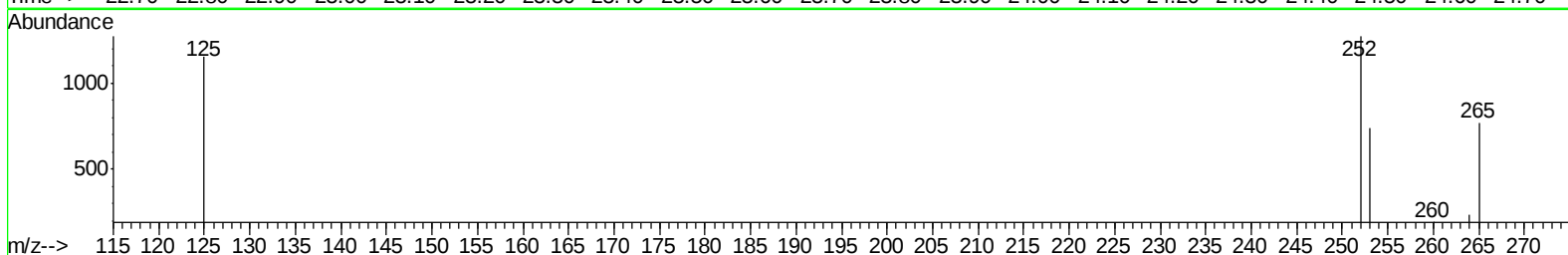
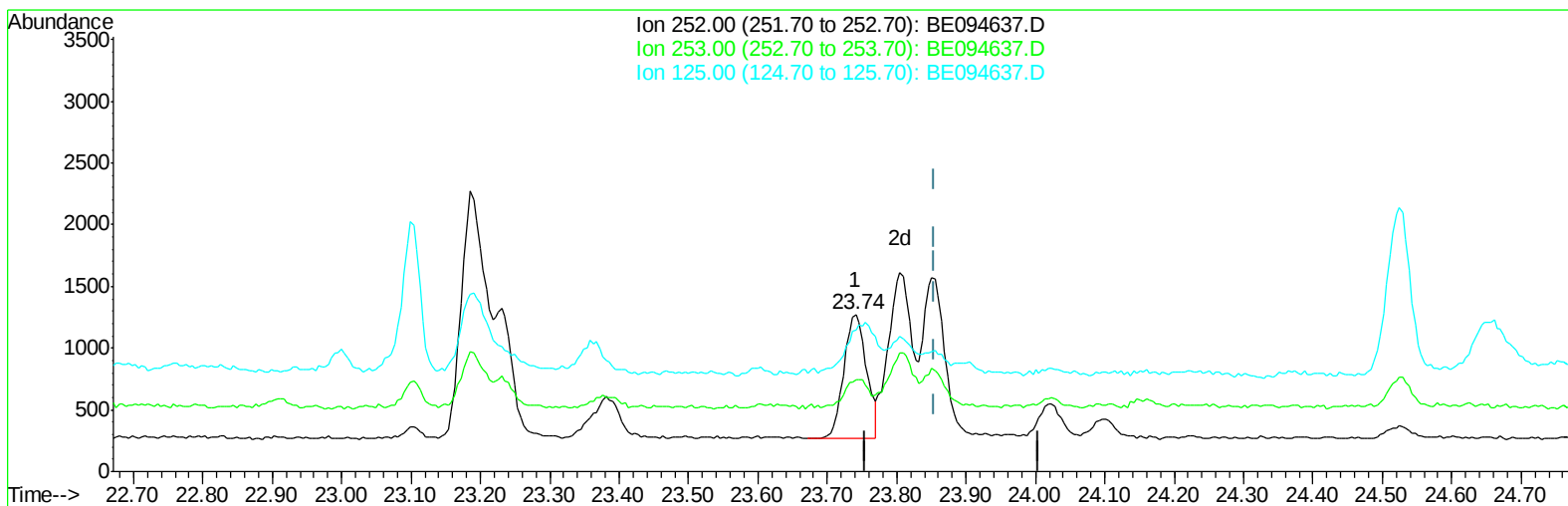
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:57:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE094637.D

(23) Benzo(a)pyrene (C)

23.741min (-0.114) 0.06ng/ul

response 2268

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	58.22#
125.00	22.60	90.56#
0.00	0.00	0.00

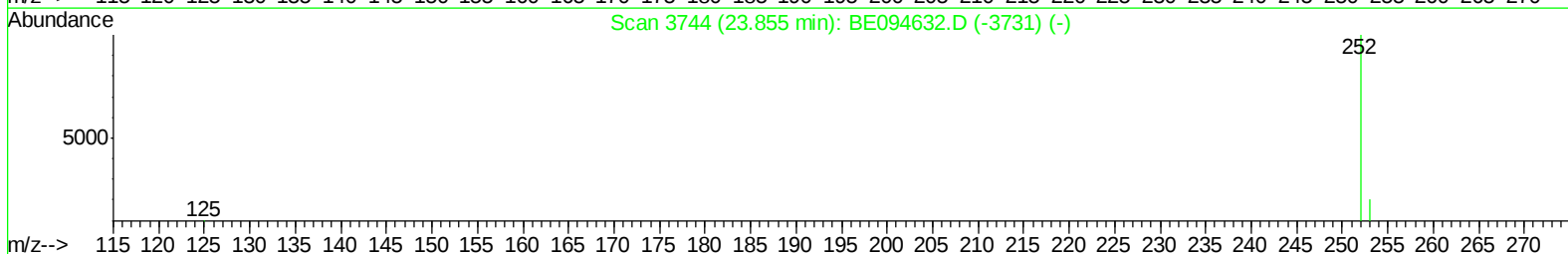
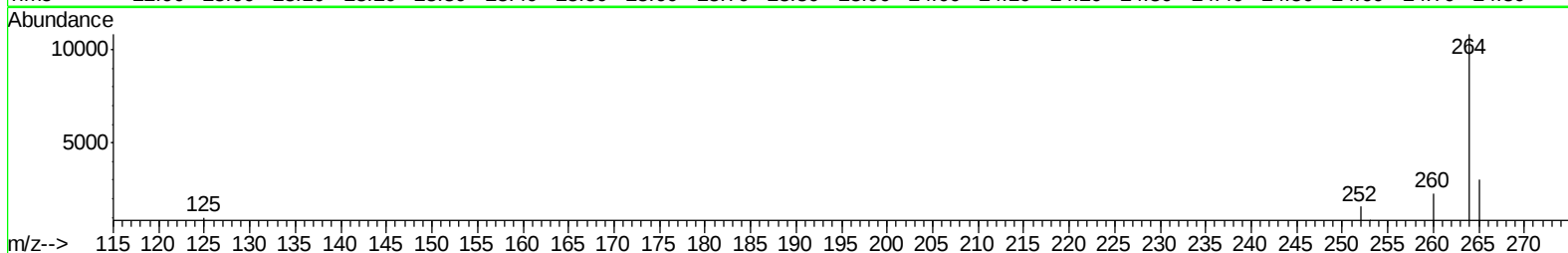
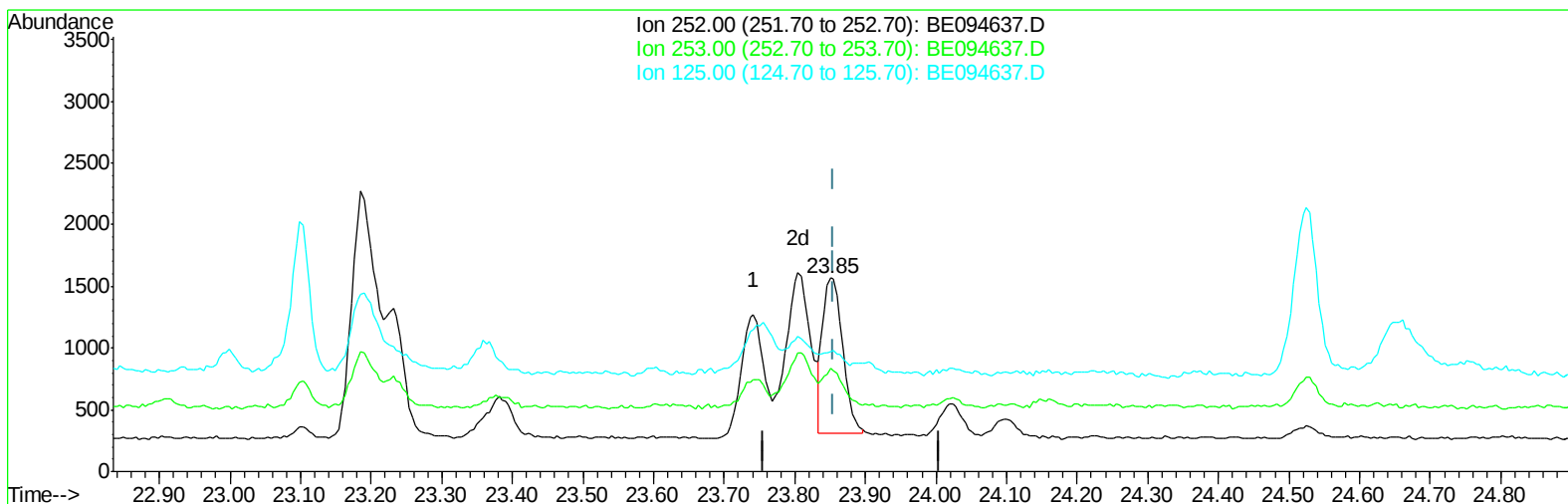
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:57:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE094637.D

(23) Benzo(a)pyrene (C)

23.850min (-0.005) 0.07ng/ul m

response 2517

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	53.18#
125.00	22.60	61.91#
0.00	0.00	0.00

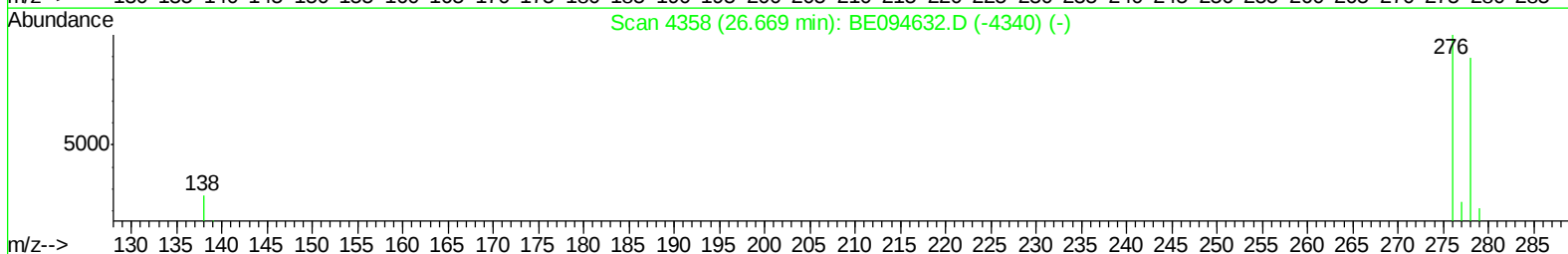
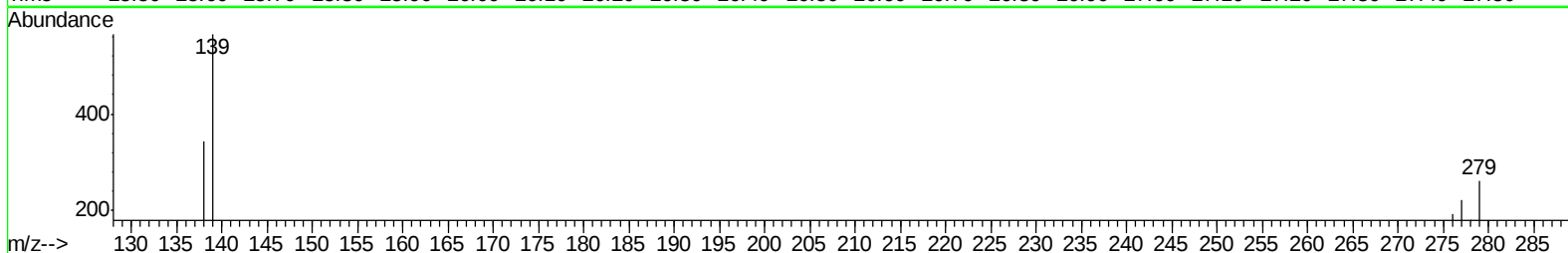
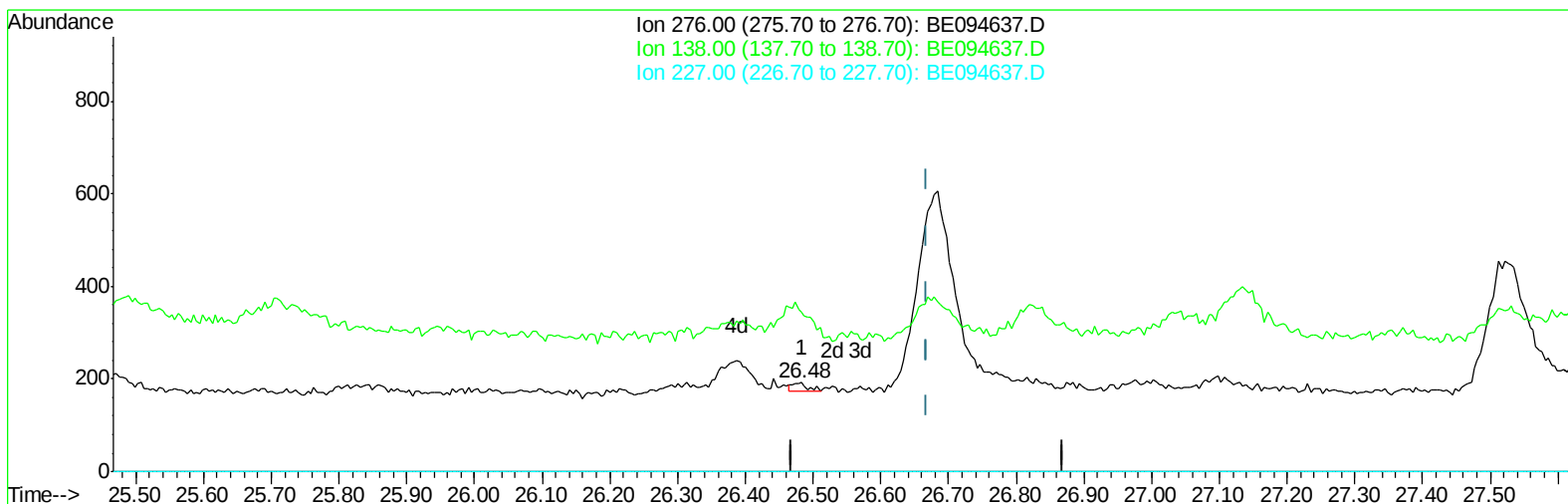
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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TIC: BE094637.D

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

26.483min (-0.186) 0.00ng/ul

response 29

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	900.00#
227.00	10.00	0.00#
0.00	0.00	0.00

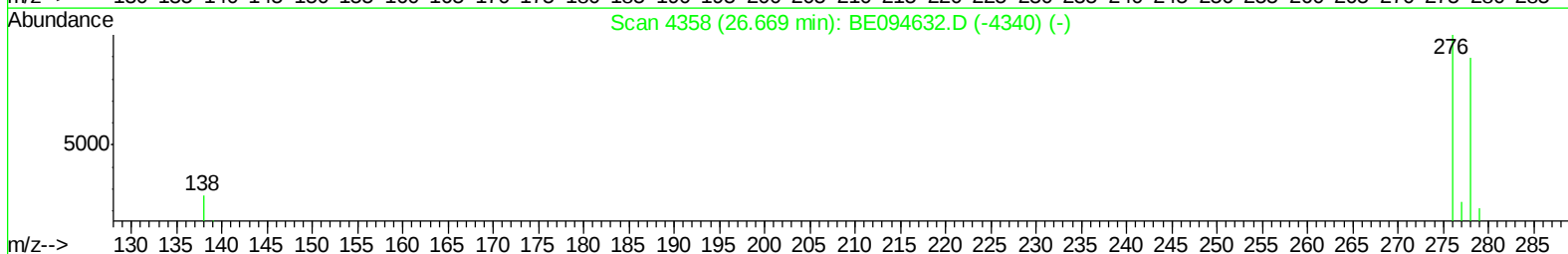
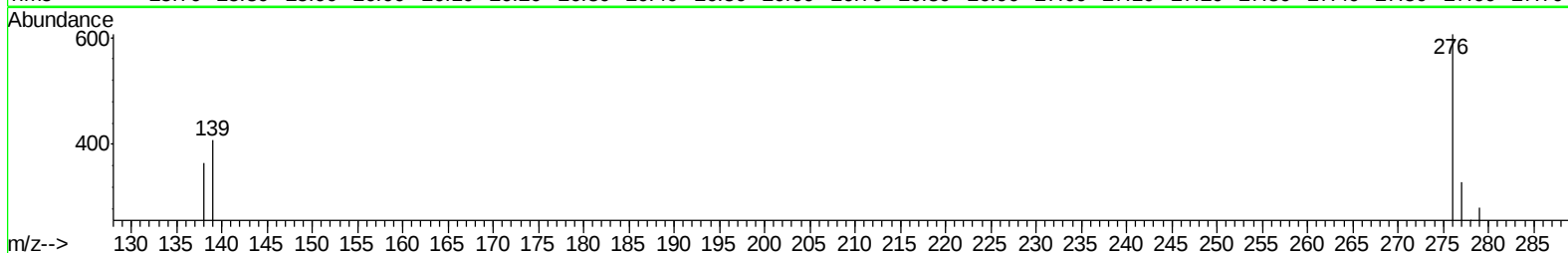
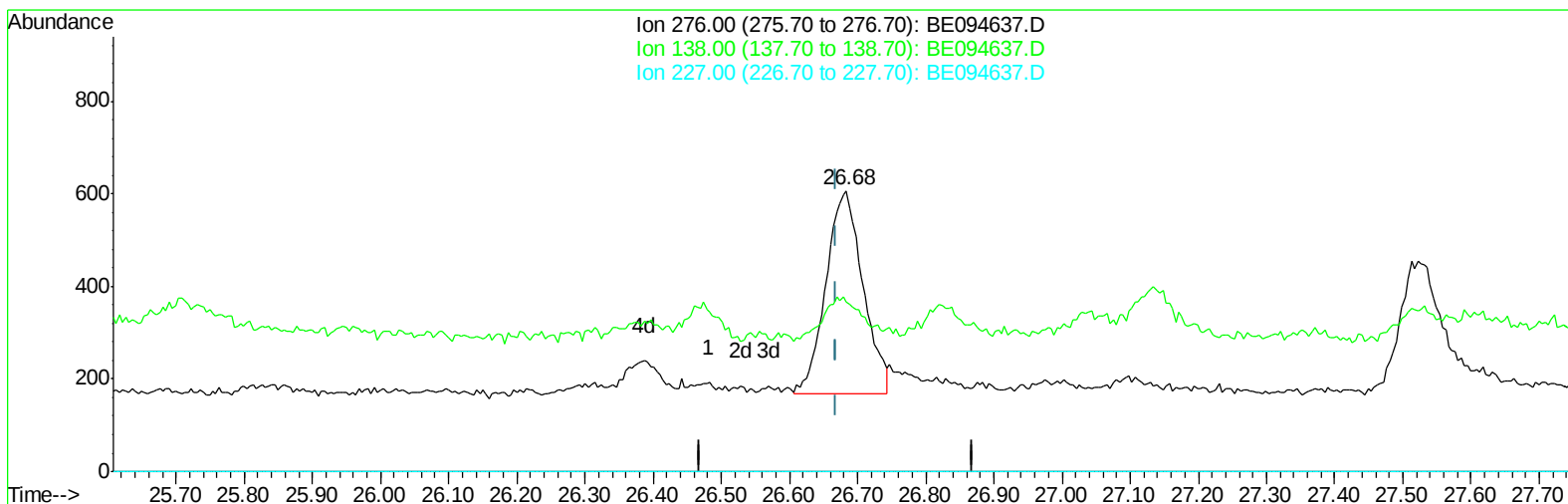
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:57:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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TIC: BE094637.D

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

26.683min (+0.014) 0.05ng/ul m

response 1654

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	15.78#
227.00	10.00	0.00#
0.00	0.00	0.00

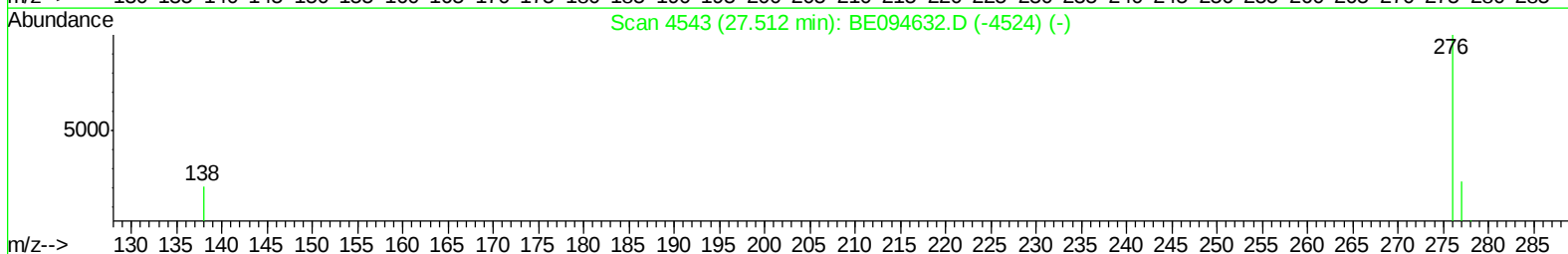
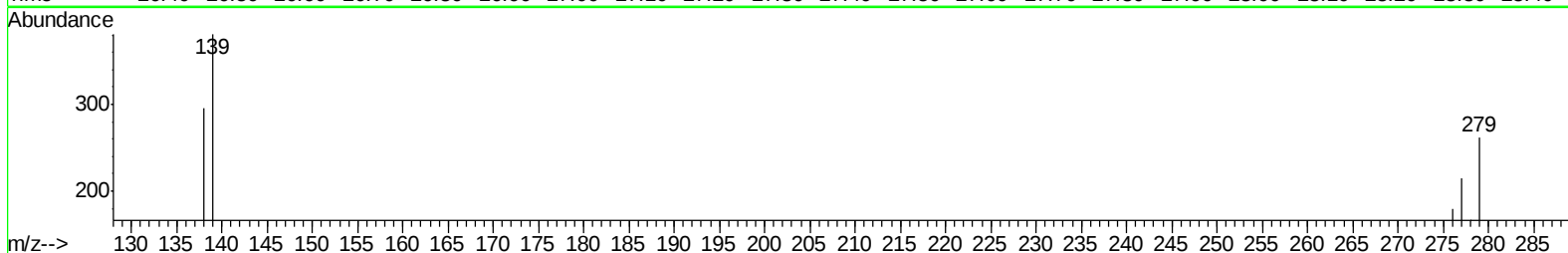
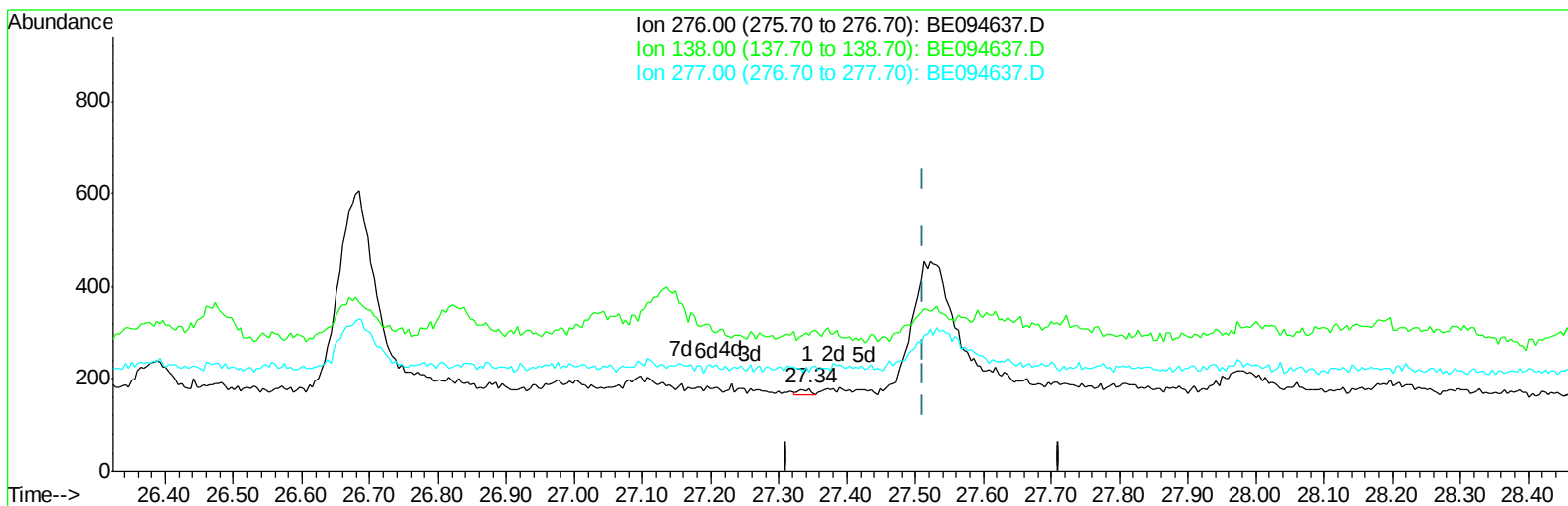
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:57:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 04:29:38 2017
Response via : Initial Calibration



TIC: BE094637.D

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

27.344min (-0.168) 0.00ng/ul

response 14

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	165.36#
277.00	25.60	120.11#
0.00	0.00	0.00

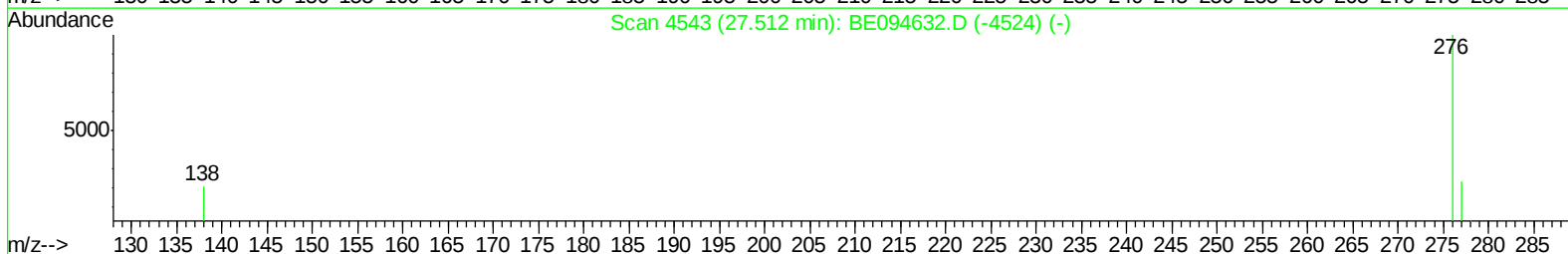
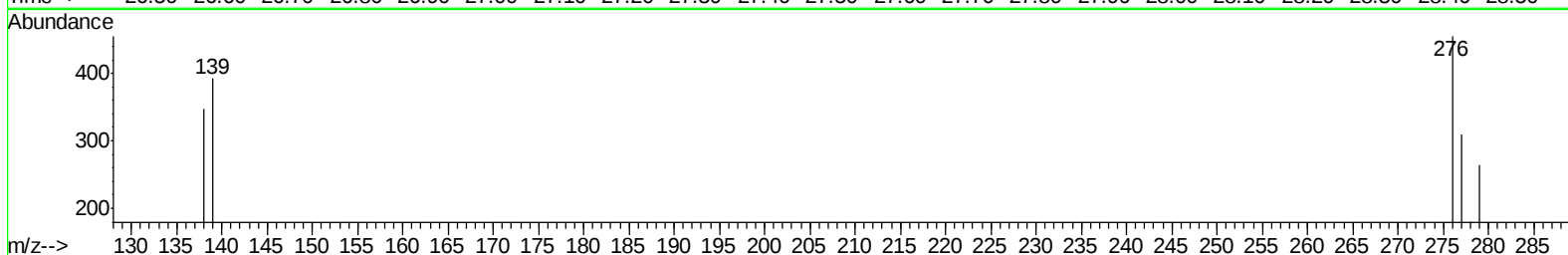
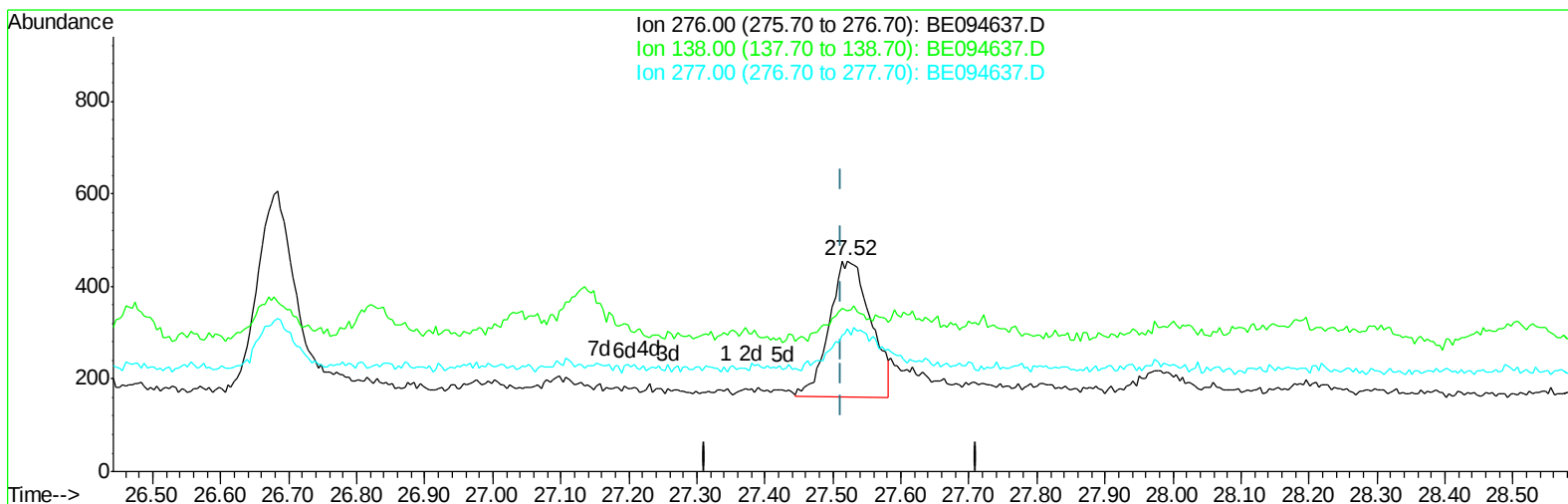
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094637.D
Acq On : 28 Oct 2017 23:51
Operator : SJ/JU
Sample : I5842-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
10/30/2017 6:40:25 PM

Quant Time: Oct 30 04:57:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 04:29:38 2017
Response via : Initial Calibration



TIC: BE094637.D

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

27.522min (+0.010) 0.04ng/ul m

response 1243

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	76.26#
277.00	25.60	67.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094637.D
 Acq On : 28 Oct 2017 23:51
 Operator : SJ/JU
 Sample : I5842-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:25 PM

Quant Time: Oct 30 05:00:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 04:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1924	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6278	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13304m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12604	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	12428m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5348	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	12873	0.33	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	2444m	0.07	ng/ul	
15) Fluoranthene	19.32	202	8713	0.21	ng/ul	83
17) Pyrene	19.68	202	8572	0.22	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	3167	0.09	ng/ul#	83
19) Chrysene	21.47	228	4051	0.11	ng/ul#	83
21) Benzo(b)fluoranthene	23.19	252	4861m	0.14	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	1775m	0.05	ng/ul	
23) Benzo(a)pyrene	23.85	252	2517m	0.07	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.68	276	1654m	0.05	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	1243m	0.04	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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Manual Integrations
APPROVED

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