

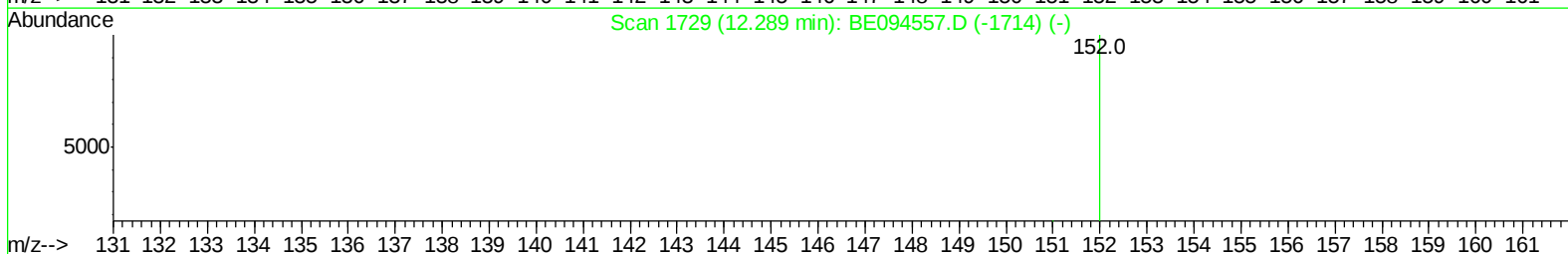
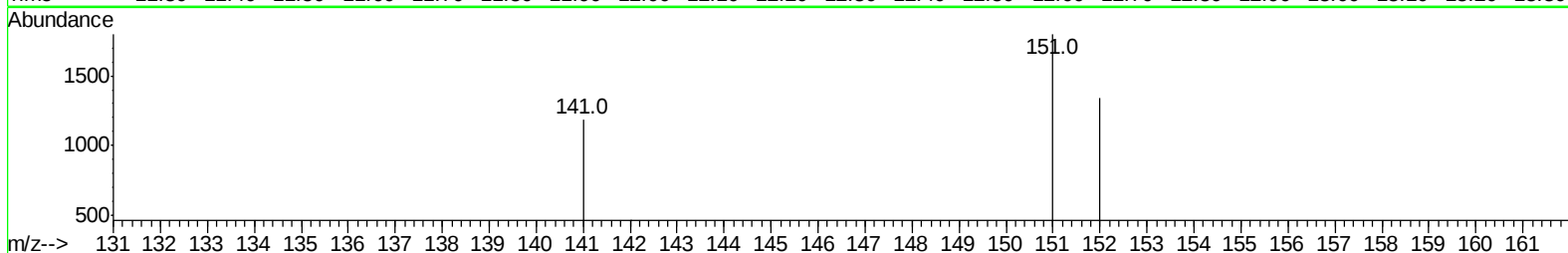
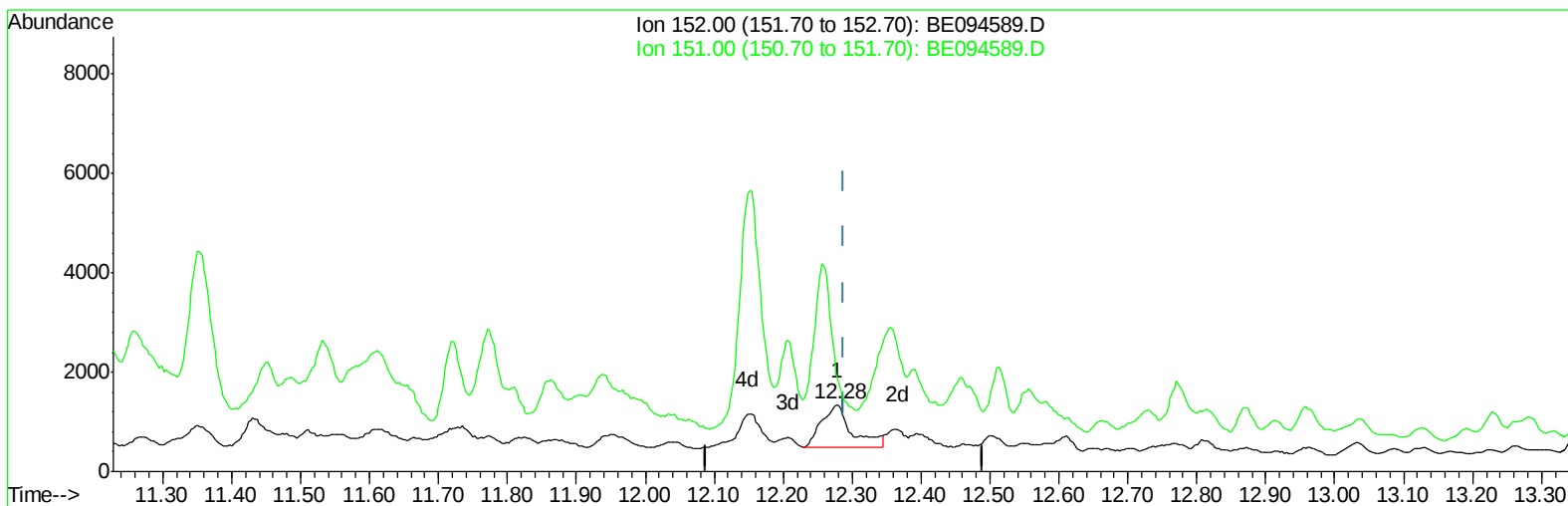
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094589.D
Acq On : 27 Oct 2017 10:55
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-38(0-1)_100917

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:05 PM

Quant Time: Oct 27 14:15:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



TIC: BE094589.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.280min (-0.009) 0.14ng/ul

response 2634

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

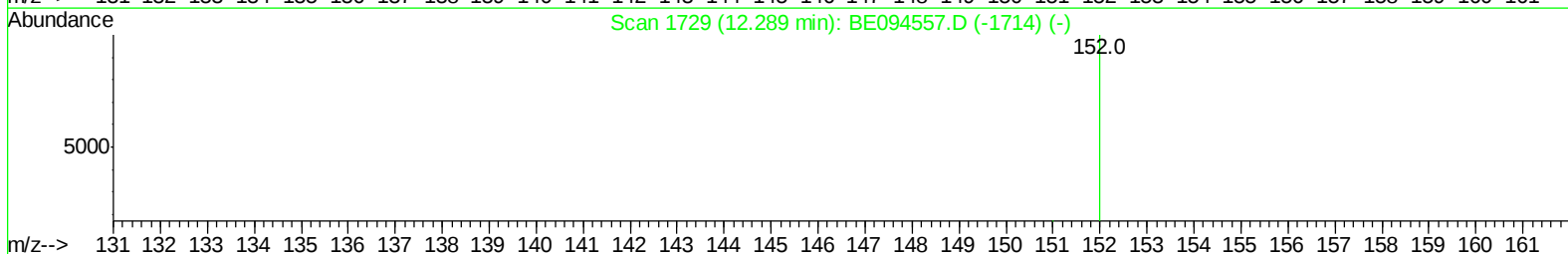
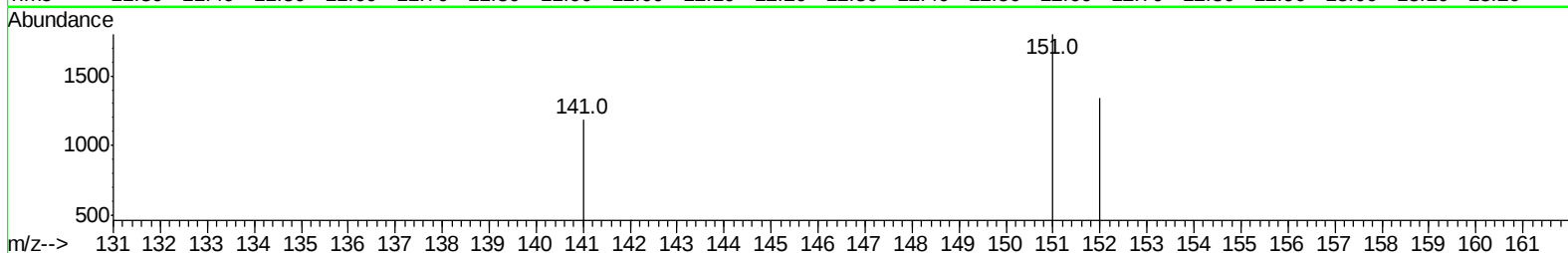
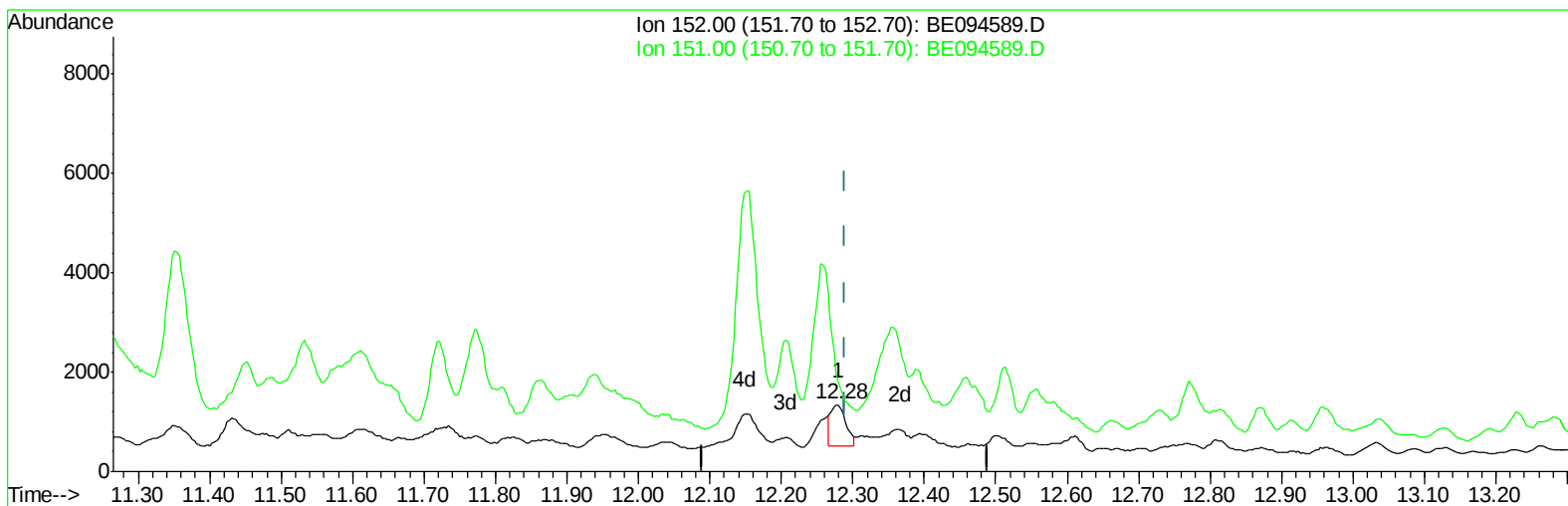
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094589.D
Acq On : 27 Oct 2017 10:55
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-38(0-1)_100917

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:05 PM

Quant Time: Oct 27 14:15:27 2017
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Response via : Initial Calibration



TIC: BE094589.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.280min (-0.009) 0.07ng/ul m

response 1231

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

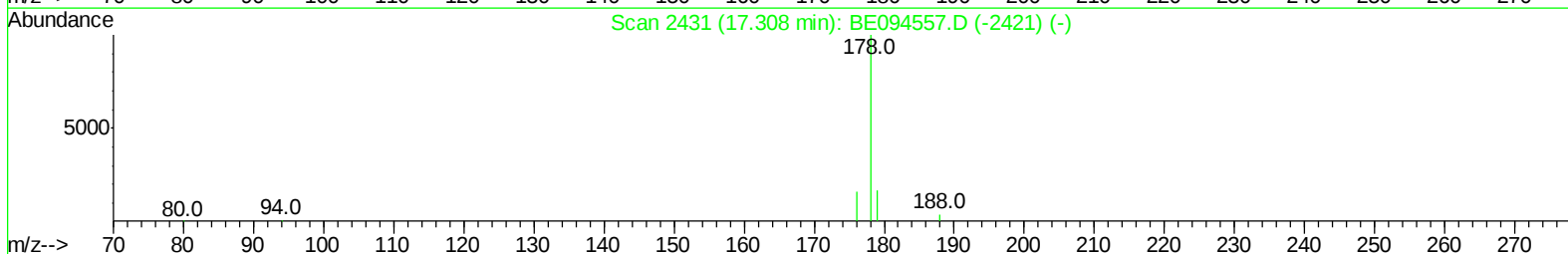
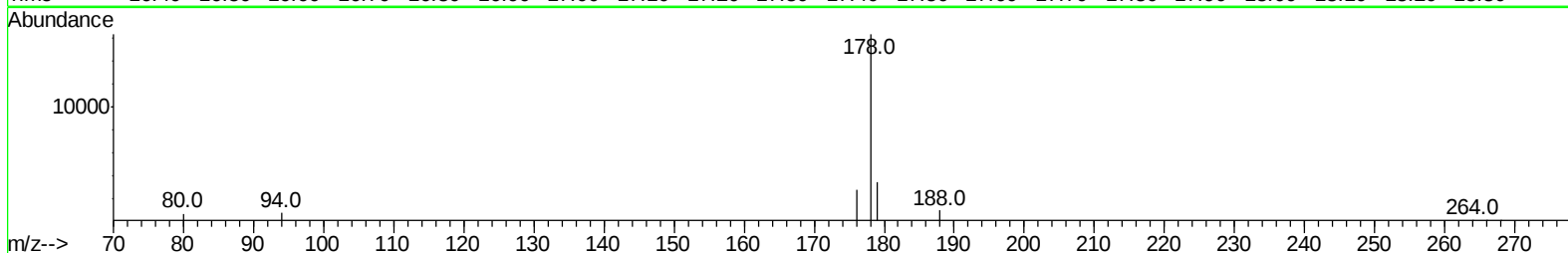
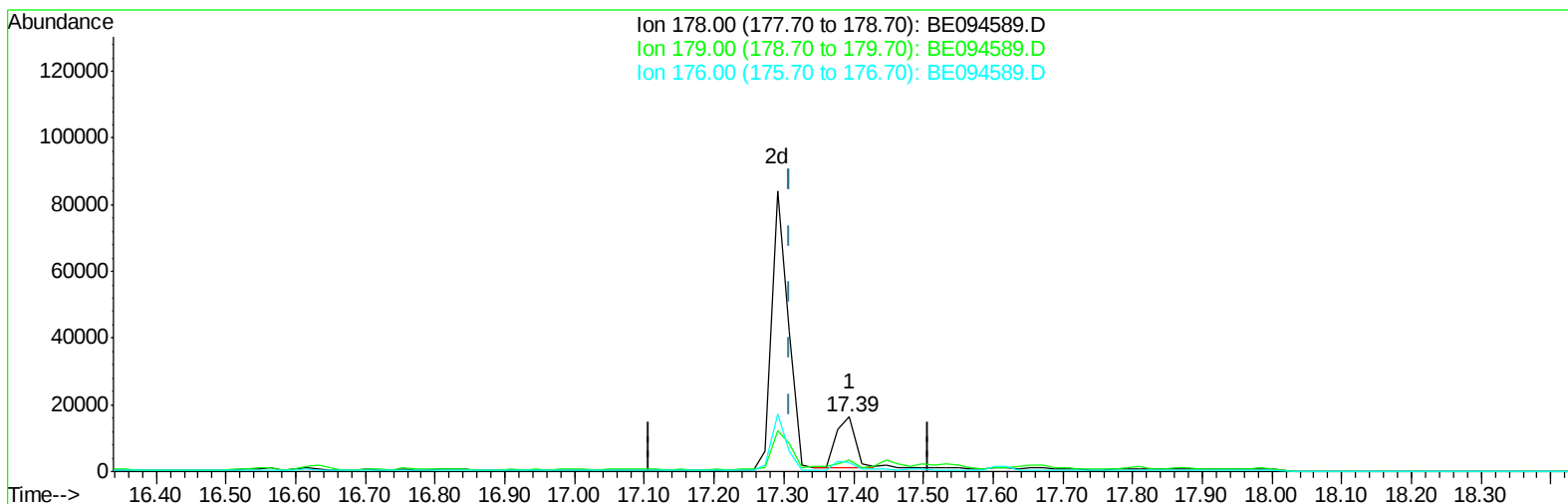
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094589.D
Acq On : 27 Oct 2017 10:55
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-38(0-1)_100917

Manual Integrations
APPROVED

Sohil
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TIC: BE094589.D

(12) Phenanthrene

17.394min (+0.086) 1.08ng/ul

response 29900

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	20.66
176.00	17.00	16.82
0.00	0.00	0.00

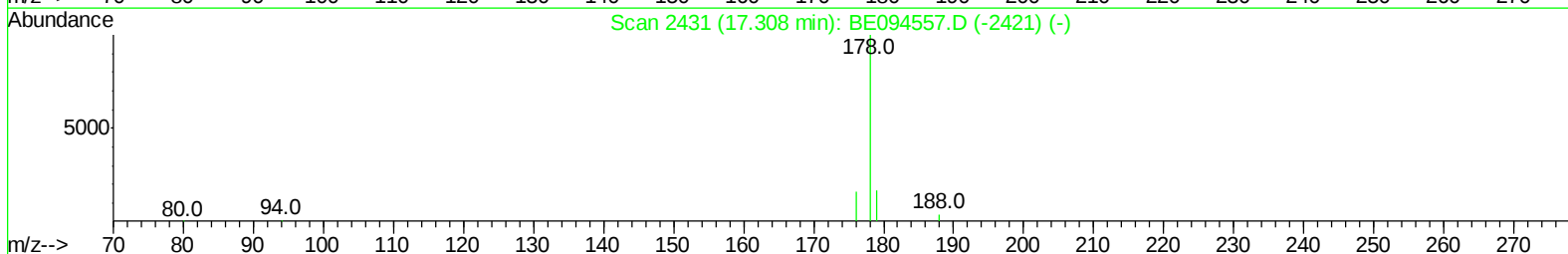
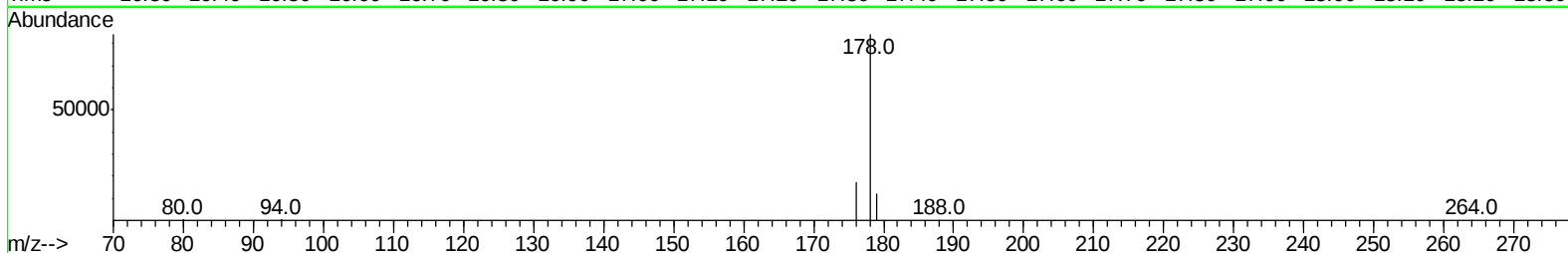
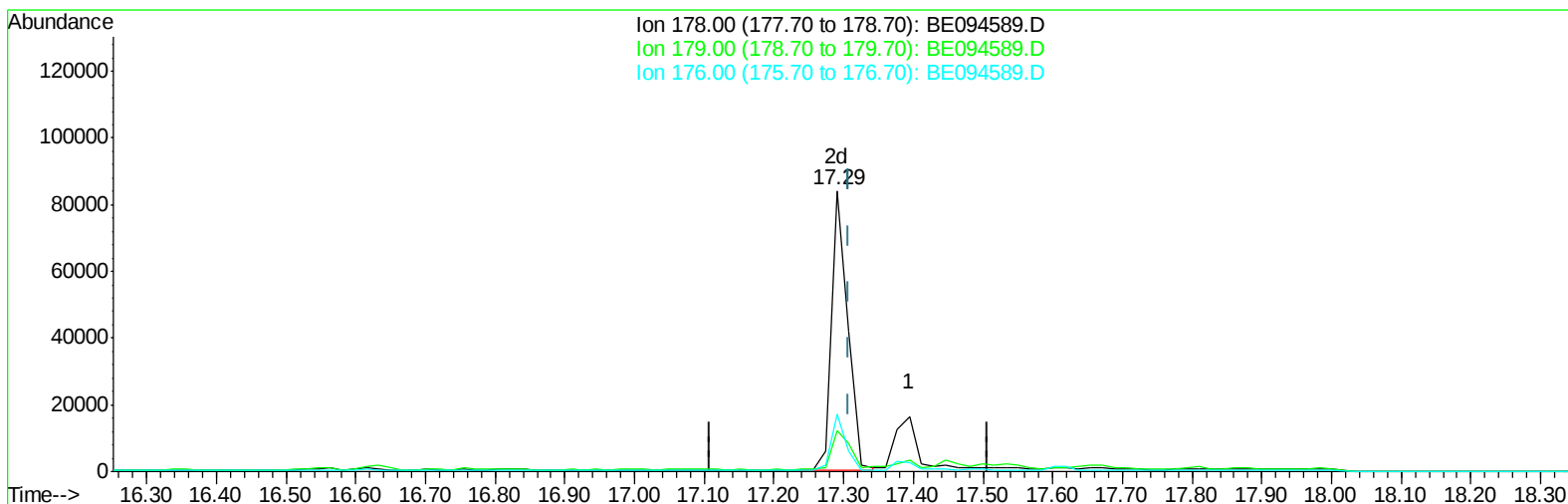
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094589.D
Acq On : 27 Oct 2017 10:55
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-38(0-1)_100917

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:05 PM

Quant Time: Oct 27 14:15:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



TIC: BE094589.D

(12) Phenanthrene

17.290min (-0.018) 5.02ng/ul m

response 138643

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	14.56#
176.00	17.00	20.50#
0.00	0.00	0.00

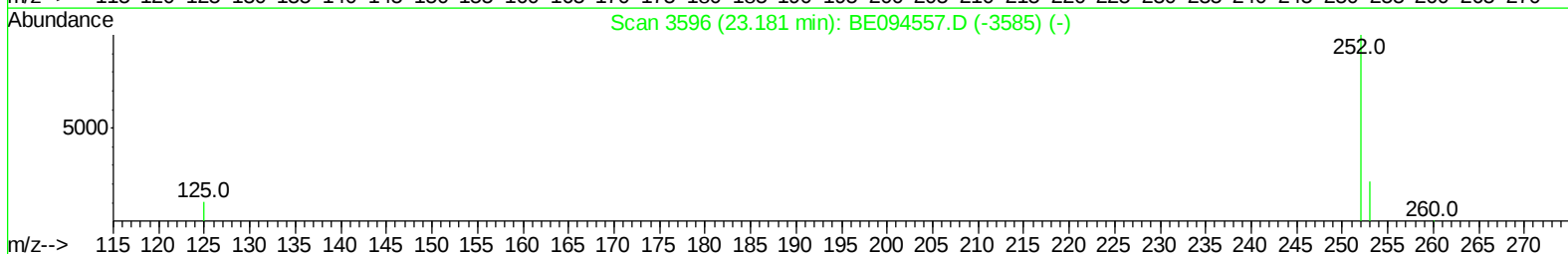
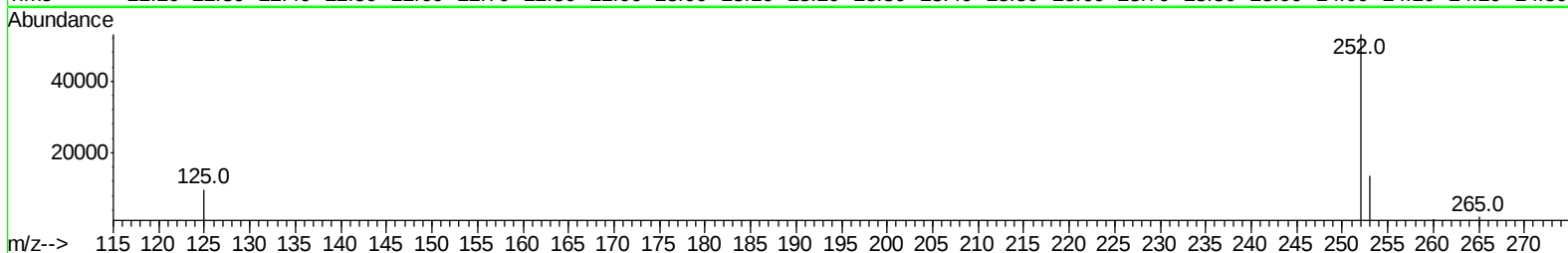
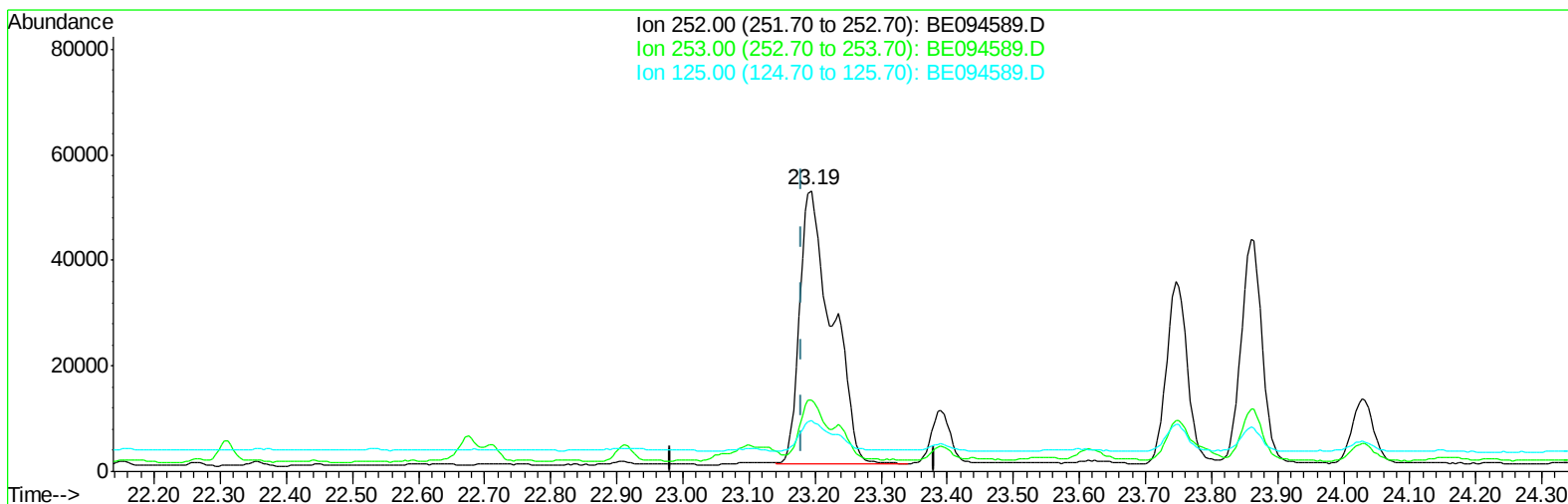
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094589.D
Acq On : 27 Oct 2017 10:55
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-38(0-1)_100917

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:05 PM

Quant Time: Oct 27 14:15:27 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: BE094589.D

(21) Benzo(b)fluoranthene

23.195min (+0.013) 5.62ng/ul

response 175941

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.31
125.00	17.50	18.17
0.00	0.00	0.00

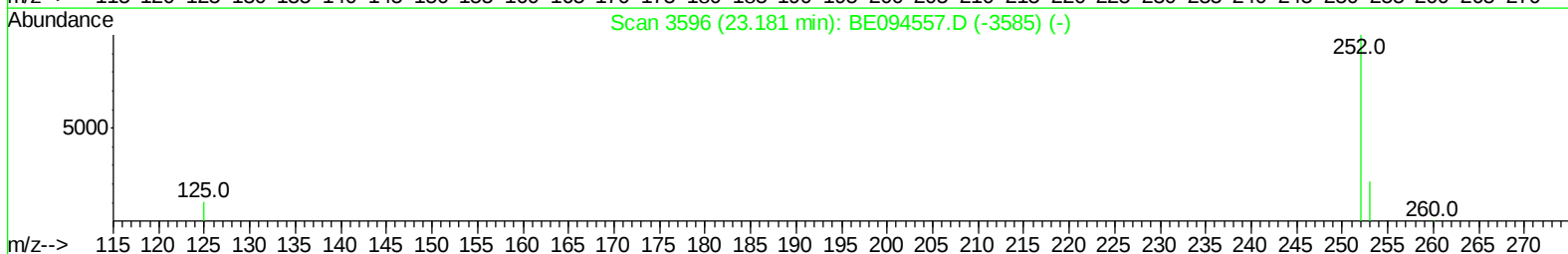
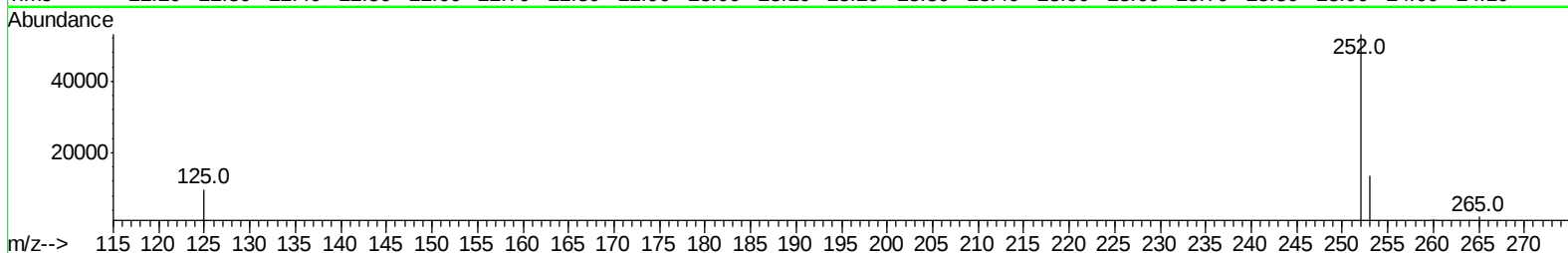
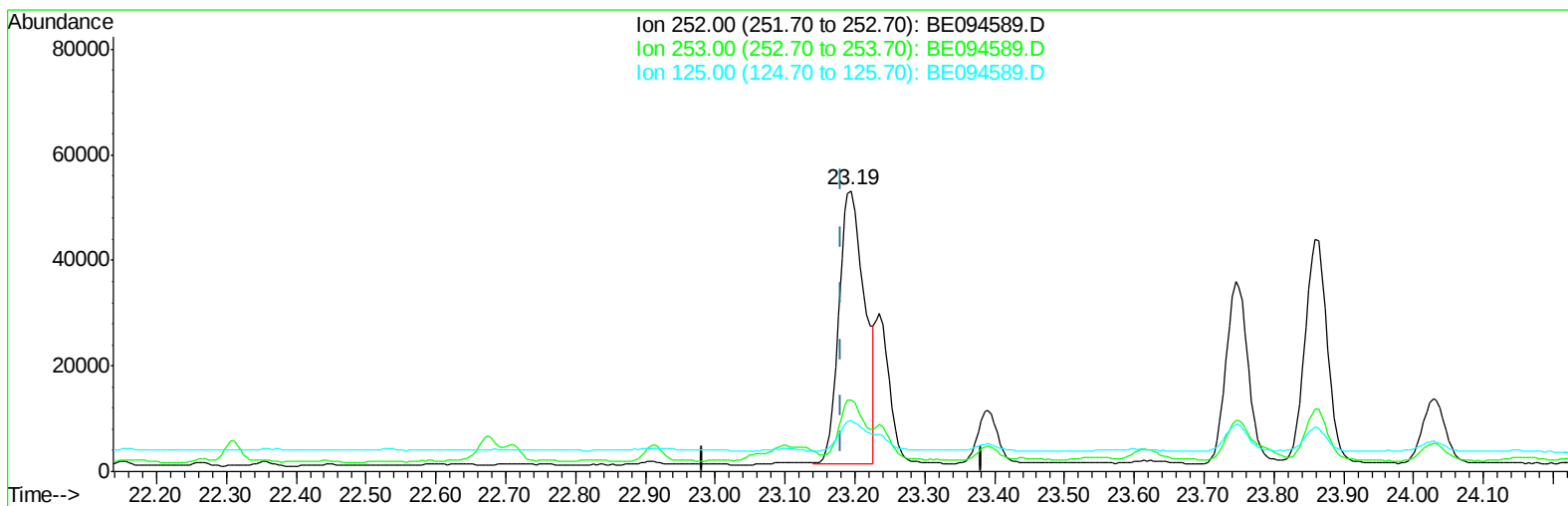
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094589.D
Acq On : 27 Oct 2017 10:55
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-38(0-1)_100917

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:05 PM

Quant Time: Oct 27 14:15:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



TIC: BE094589.D

(21) Benzo(b)fluoranthene

23.195min (+0.013) 4.34ng/ul m

response 135813

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.31
125.00	17.50	18.17
0.00	0.00	0.00

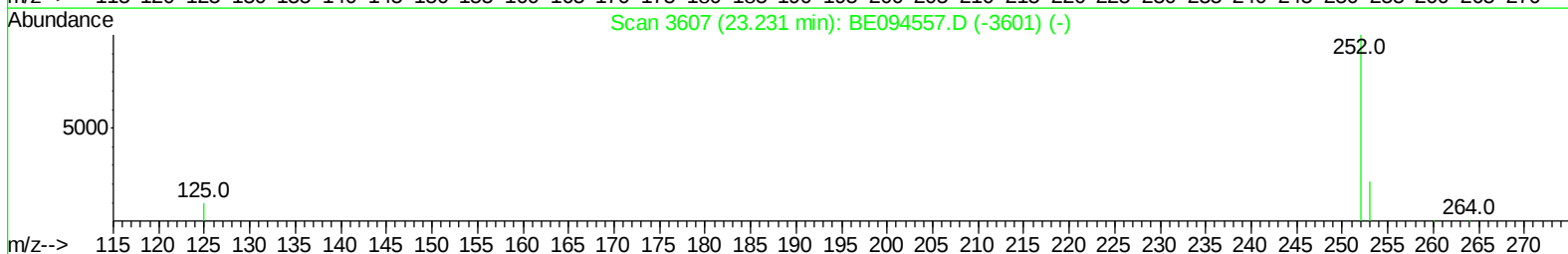
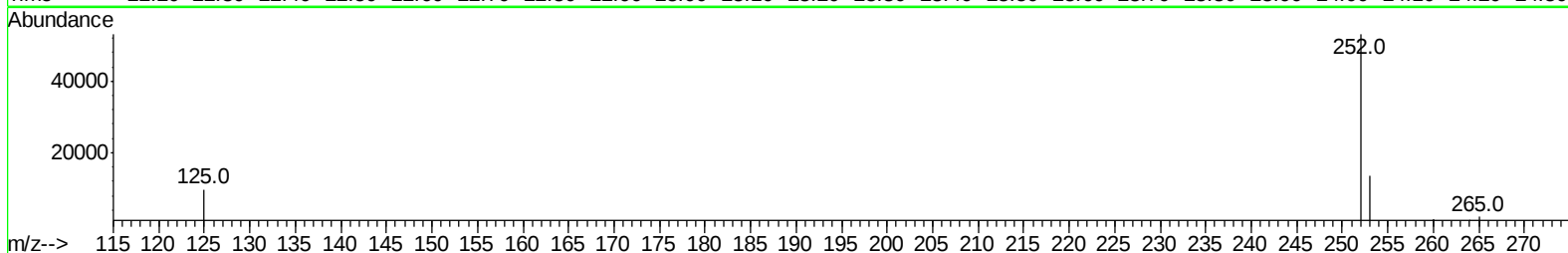
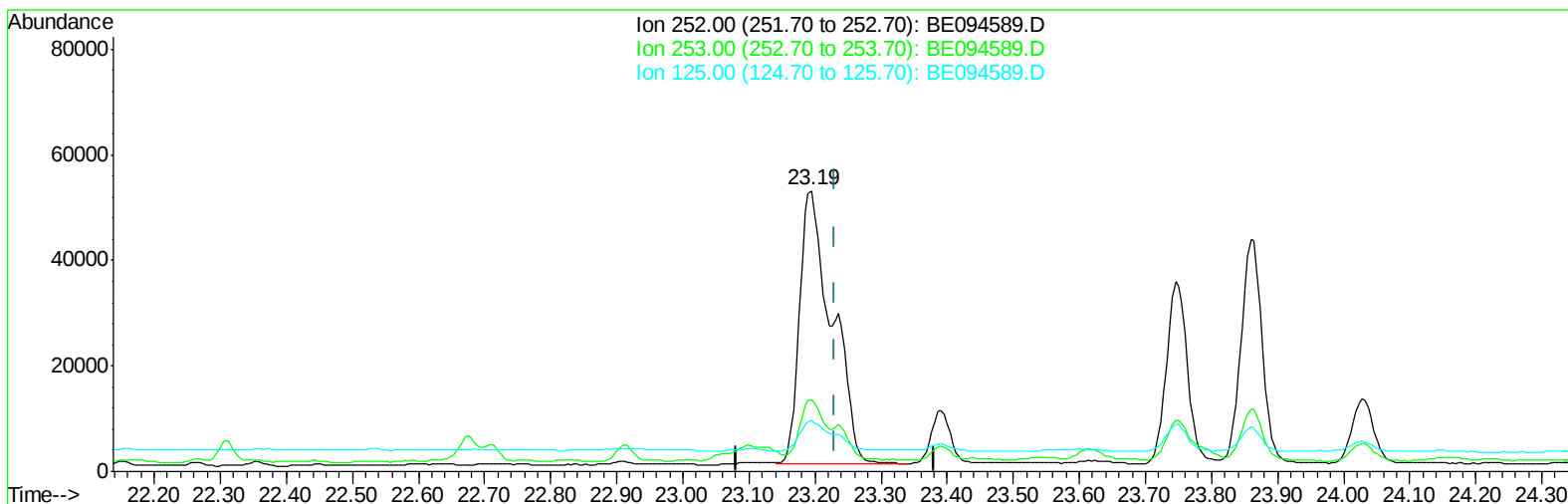
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Data File : BE094589.D
Acq On : 27 Oct 2017 10:55
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Sample : I5786-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-38(0-1)_100917

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:05 PM

Quant Time: Oct 27 14:15:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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Response via : Initial Calibration



TIC: BE094589.D

(22) Benzo(k)fluoranthene

23.195min (-0.037) 5.21ng/ul

response 174835

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.31
125.00	17.10	18.17
0.00	0.00	0.00

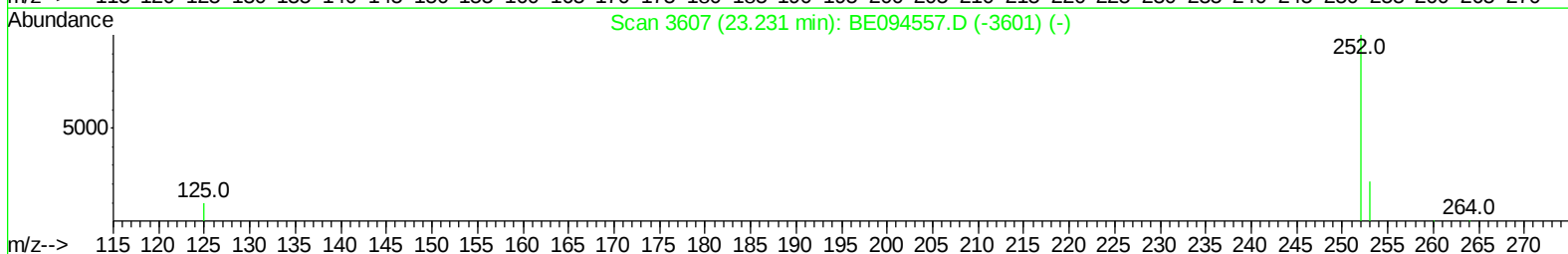
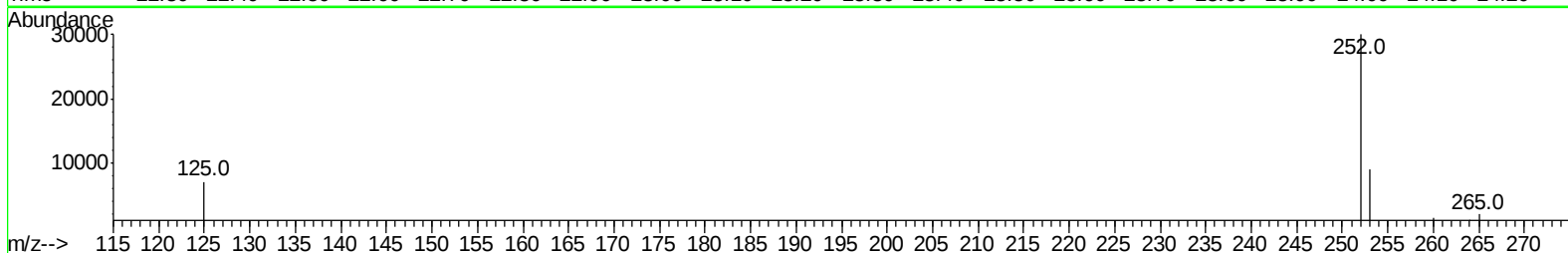
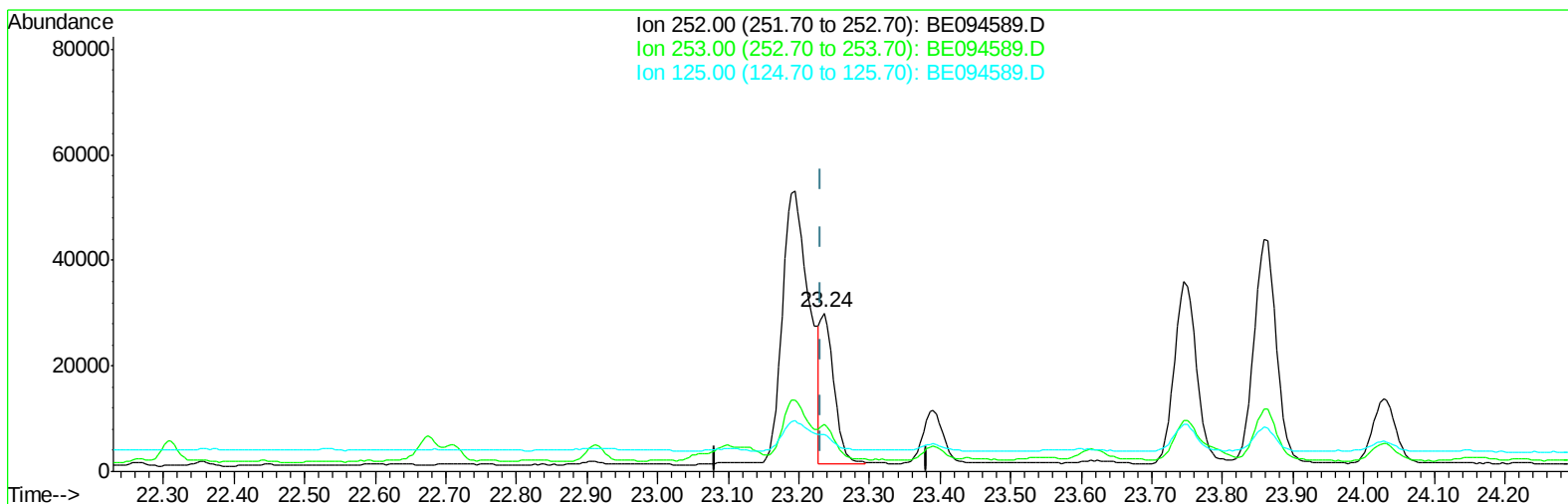
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094589.D
Acq On : 27 Oct 2017 10:55
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-38(0-1)_100917

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:05 PM

Quant Time: Oct 27 14:15:27 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: BE094589.D

(22) Benzo(k)fluoranthene

23.236min (+0.004) 1.18ng/ul m

response 39442

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.65
125.00	17.10	23.37#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094589.D
 Acq On : 27 Oct 2017 10:55
 Operator : SJ/JU
 Sample : I5786-04 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-38(0-1)_100917

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:36:05 PM

Quant Time: Oct 27 14:21:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	4920	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11210	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5525	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10448	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10453	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11127	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1231m	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2659	0.09	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	45249	1.651	ng/ul#	5
5) 2-Methylnaphthalene	12.35	142	8201	0.428	ng/ul	98
7) Acenaphthylene	14.24	152	9725	0.389	ng/ul#	69
8) Acenaphthene	14.58	153	37405	2.083	ng/ul	97
9) Fluorene	15.57	166	25298	1.254	ng/ul	92
12) Phenanthrene	17.29	178	138643m	5.024	ng/ul	
13) Anthracene	17.39	178	33381	1.226	ng/ul	96
15) Fluoranthene	19.32	202	201327	6.310	ng/ul	84
17) Pyrene	19.68	202	190021	5.880	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	106432	3.562	ng/ul#	89
19) Chrysene	21.47	228	100147	3.242	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	135813m	4.339	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	39442m	1.176	ng/ul	
23) Benzo(a)pyrene	23.86	252	95193	3.043	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.69	276	62490	1.930	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.68	278	16468	0.604	ng/ul#	60
26) Benzo(a,h,i)perylene	27.53	276	50737	1.952	ng/ul#	89

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

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