

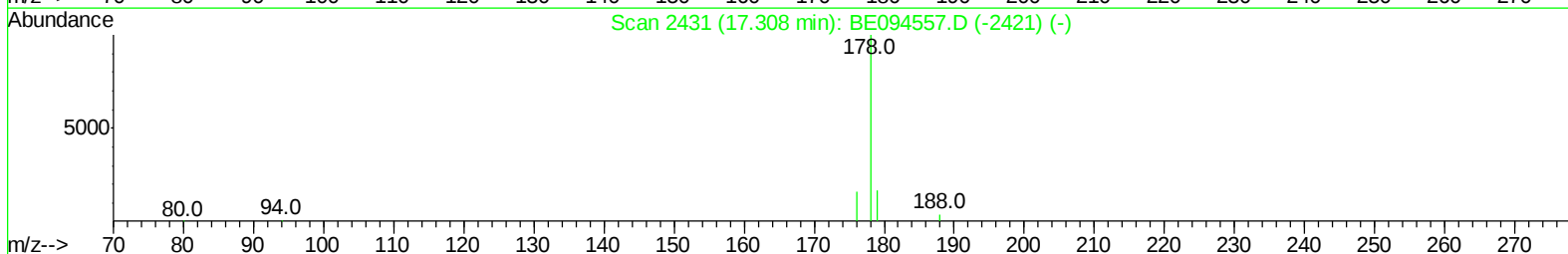
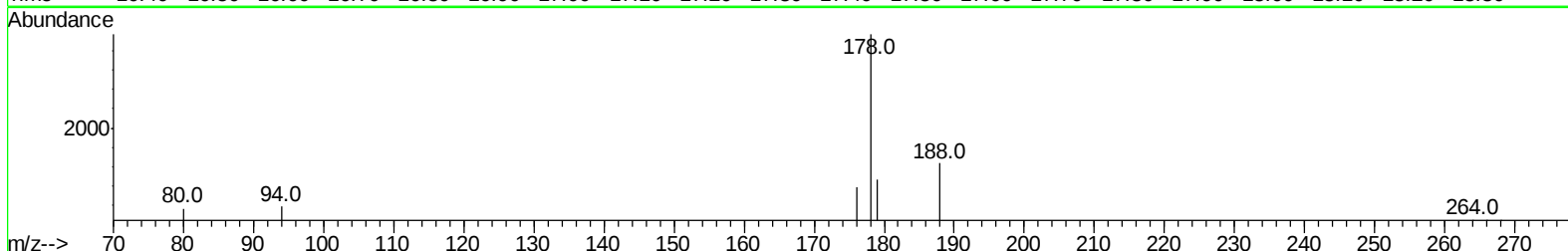
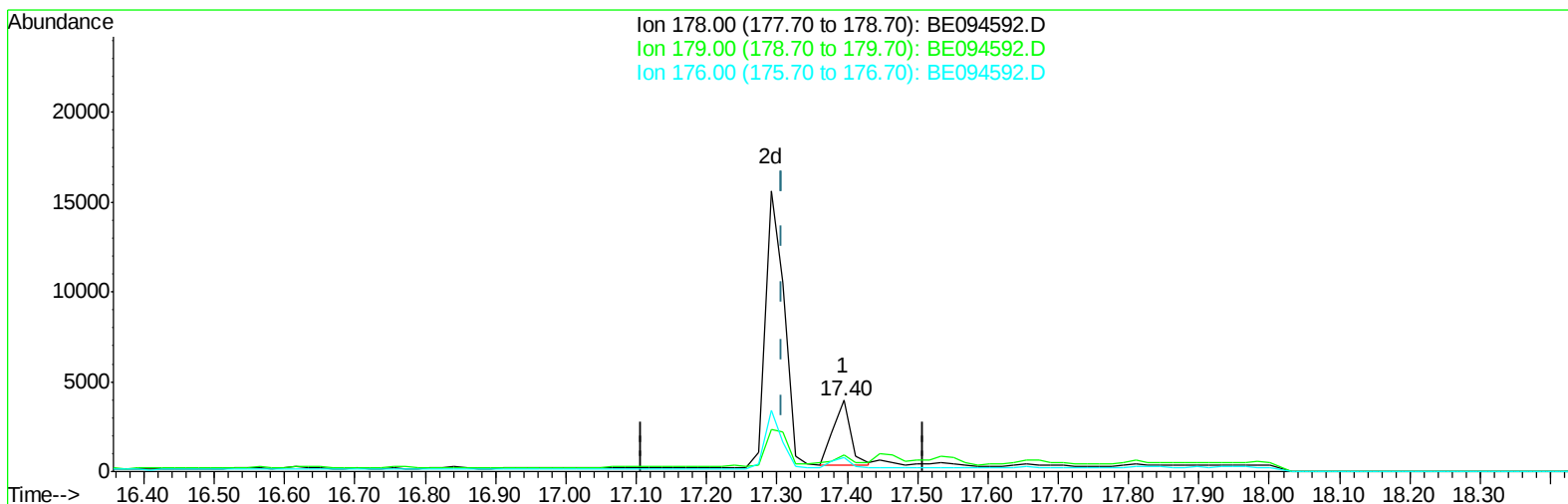
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094592.D
Acq On : 27 Oct 2017 12:45
Operator : SJ/JU
Sample : I5786-11 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-66(1.5-2.5) 101017

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:09 PM

Quant Time: Oct 27 13:21:16 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: BE094592.D

(12) Phenanthrene

17.395min (+0.087) 0.19ng/ul

response 6055

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	23.68
176.00	17.00	19.55
0.00	0.00	0.00

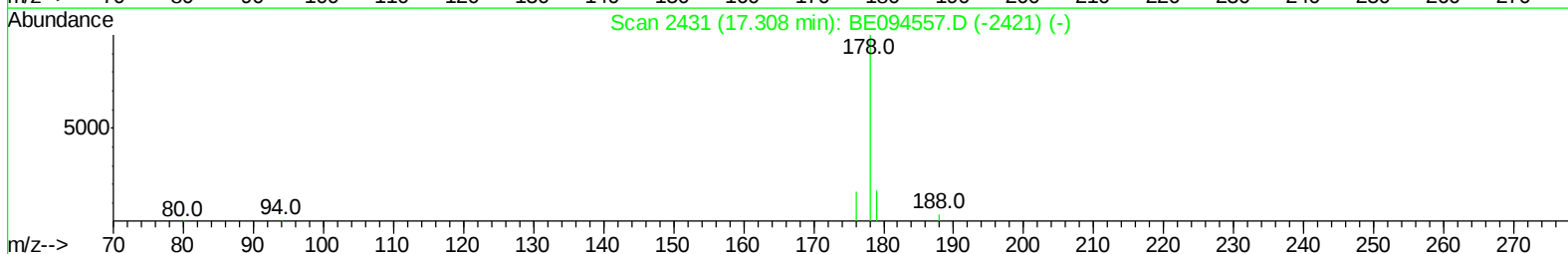
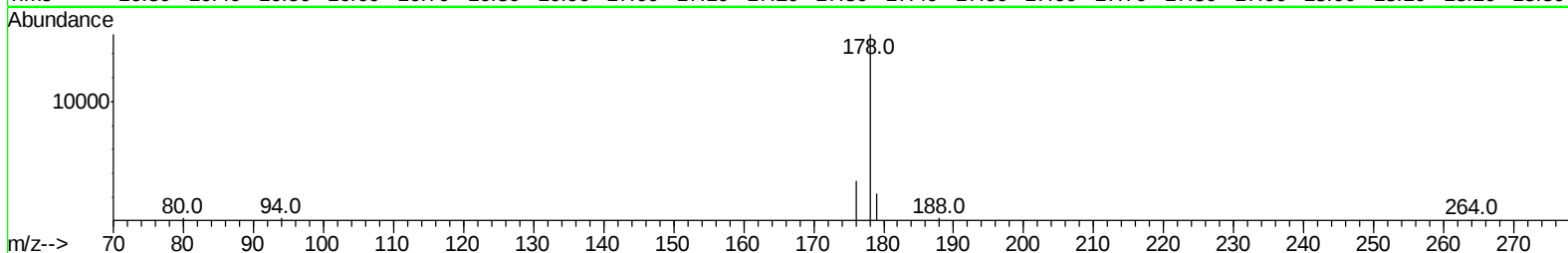
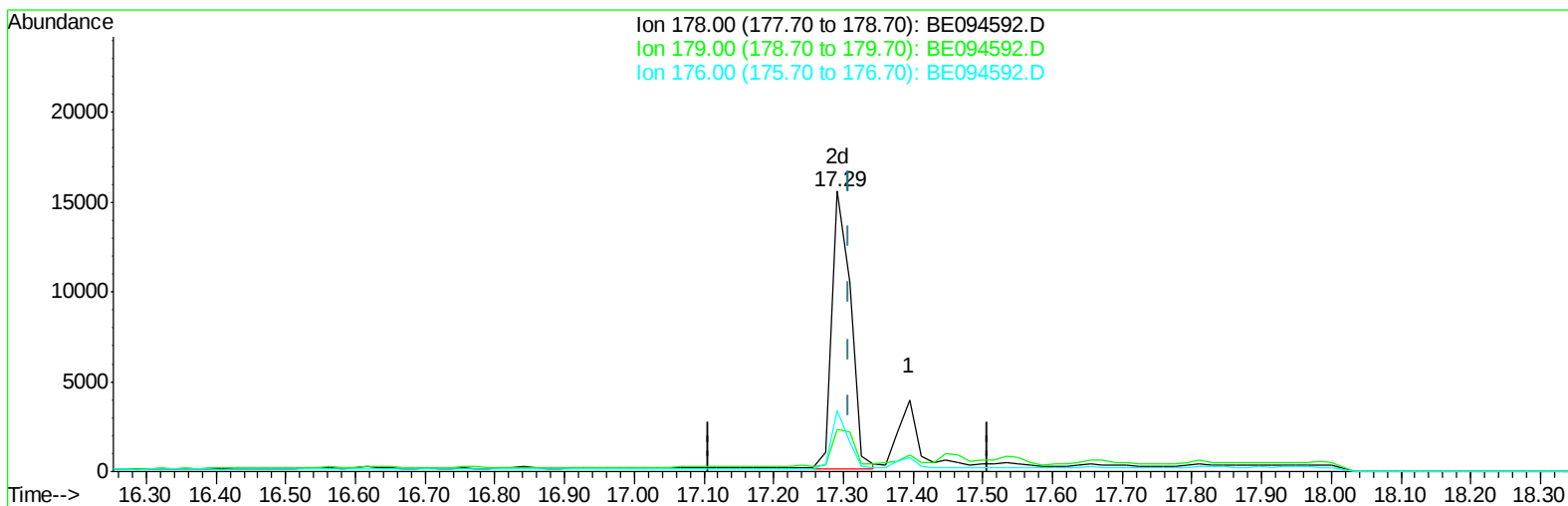
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094592.D
Acq On : 27 Oct 2017 12:45
Operator : SJ/JU
Sample : I5786-11 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-66(1.5-2.5) 101017

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:09 PM

Quant Time: Oct 27 13:21:16 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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TIC: BE094592.D

(12) Phenanthrene

17.291min (-0.017) 0.91ng/ul m

response 28662

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.09#
176.00	17.00	21.93#
0.00	0.00	0.00

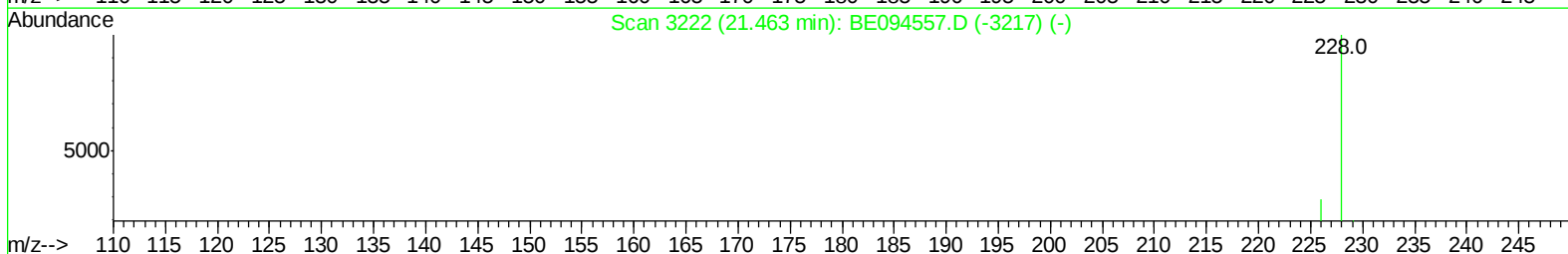
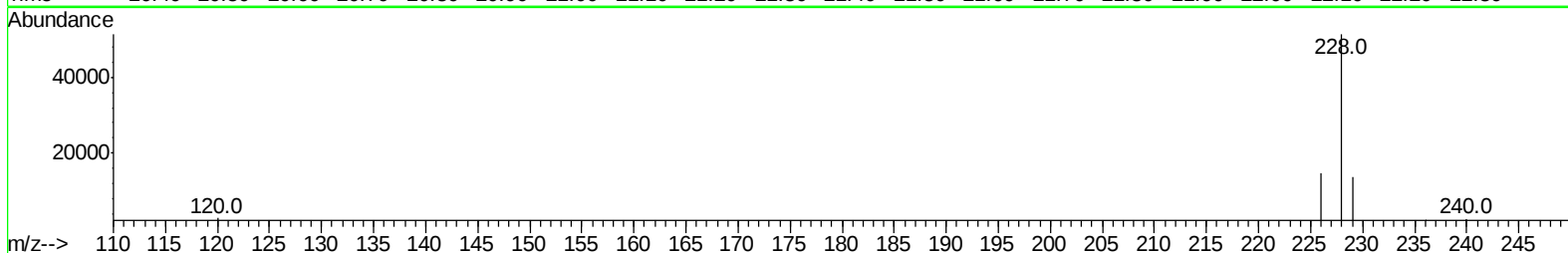
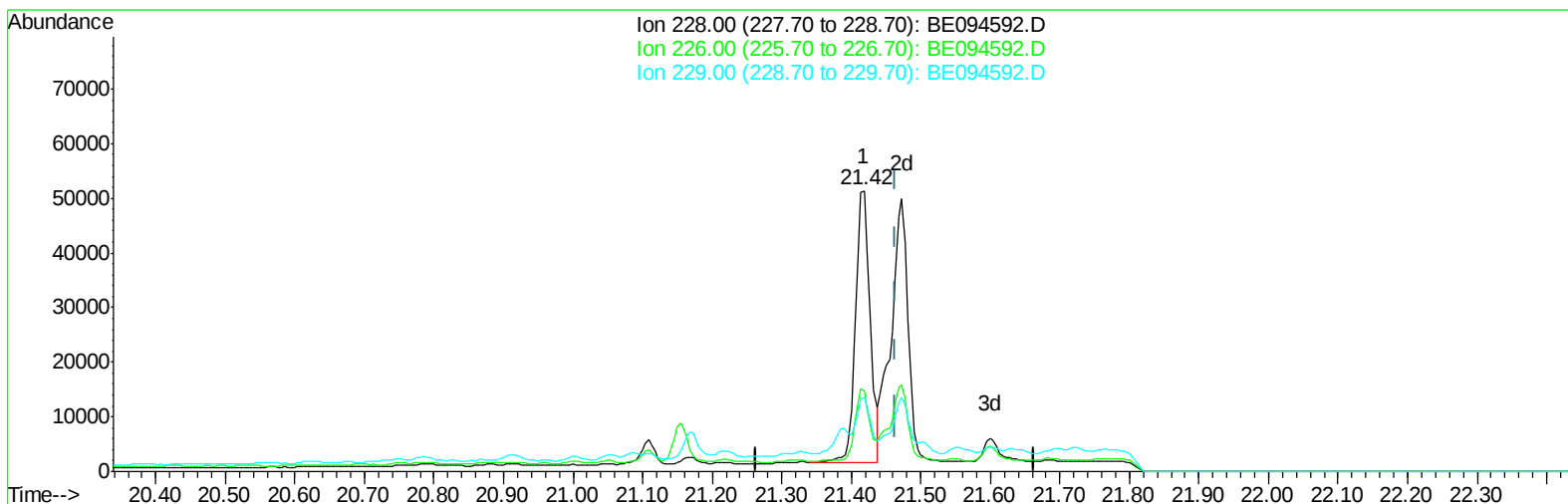
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094592.D
Acq On : 27 Oct 2017 12:45
Operator : SJ/JU
Sample : I5786-11 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-66(1.5-2.5) 101017

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 27 13:21:16 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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Response via : Initial Calibration



TIC: BE094592.D

(19) Chrysene

21.418min (-0.045) 2.07ng/ul

response 72043

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	28.76
229.00	22.10	26.50
0.00	0.00	0.00

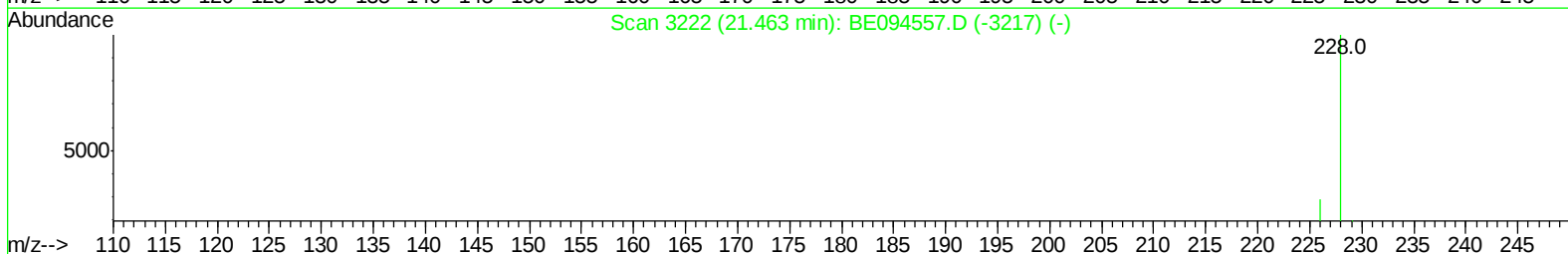
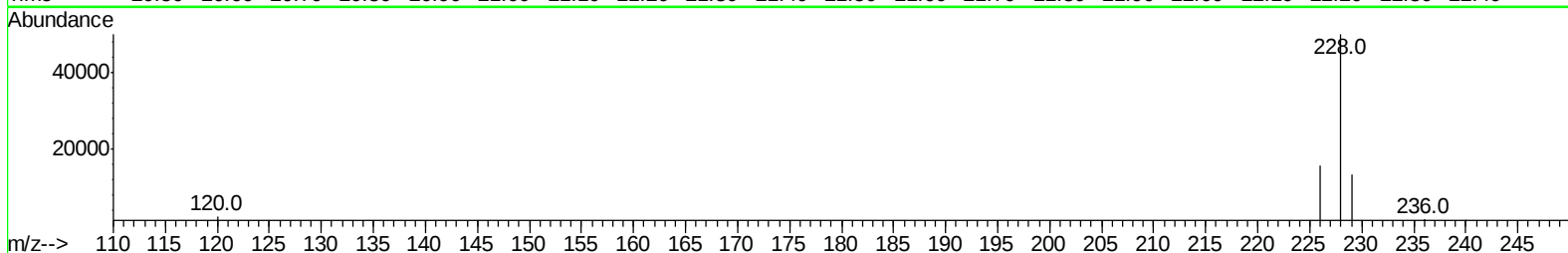
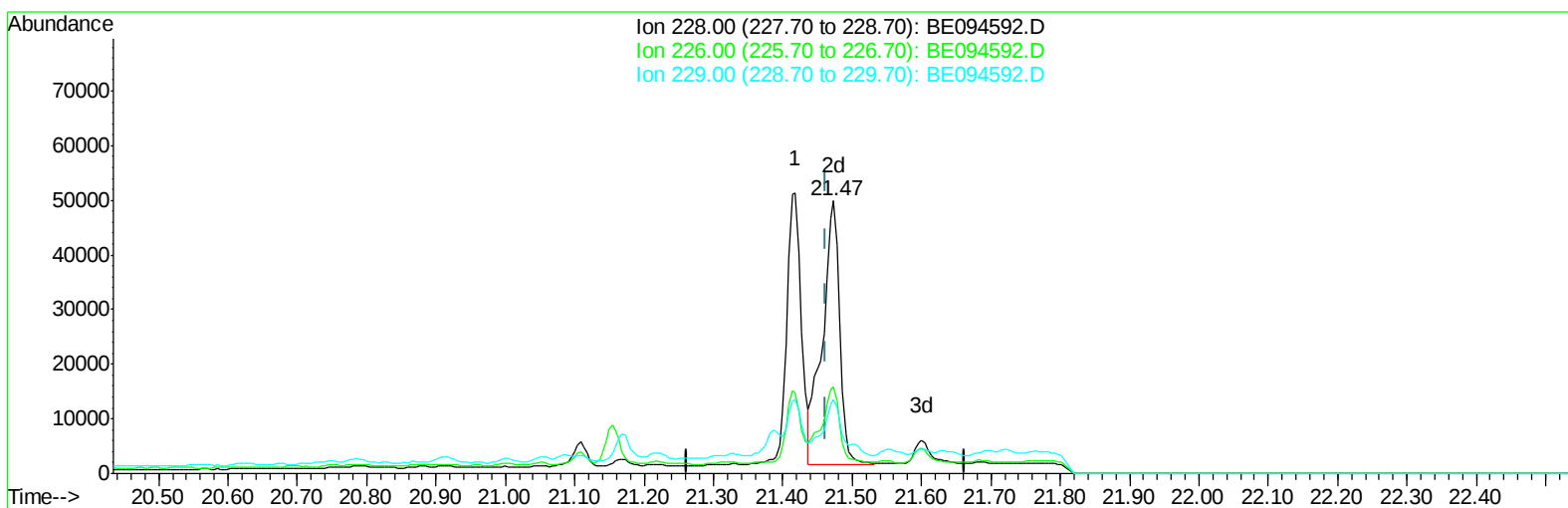
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094592.D
Acq On : 27 Oct 2017 12:45
Operator : SJ/JU
Sample : I5786-11 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-66(1.5-2.5) 101017

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:09 PM

Quant Time: Oct 27 13:21:16 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: BE094592.D

(19) Chrysene

21.473min (+0.010) 2.43ng/ul m

response 84388

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	31.71
229.00	22.10	27.01#
0.00	0.00	0.00

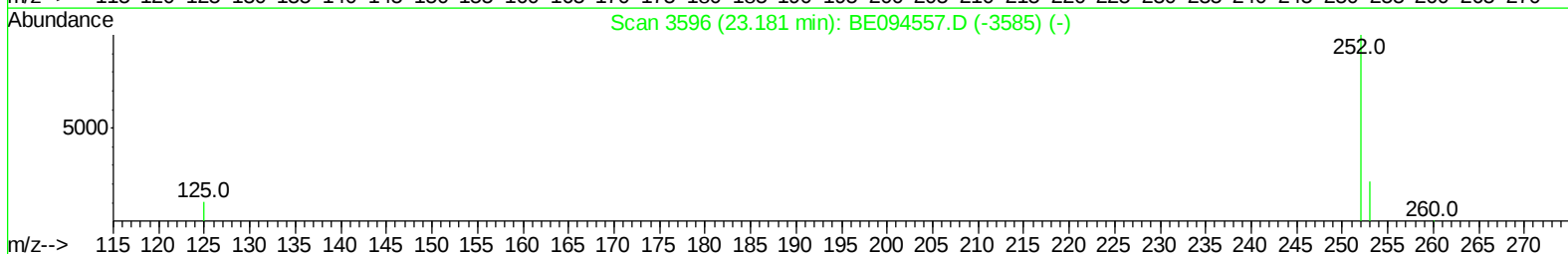
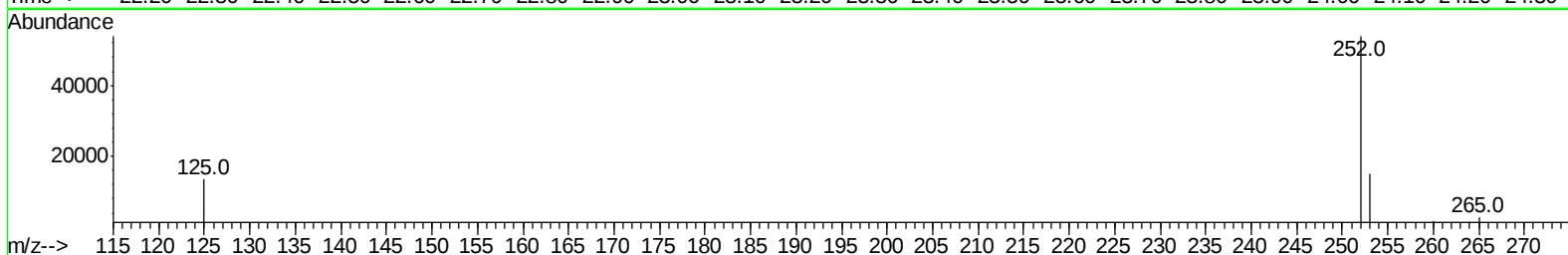
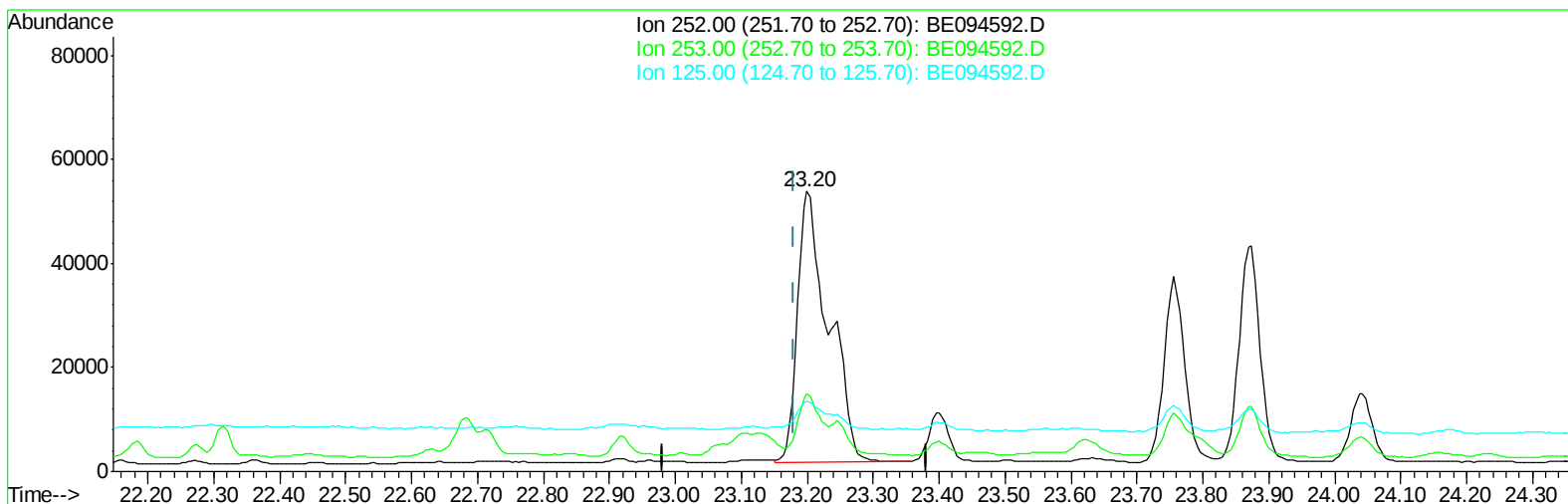
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094592.D
Acq On : 27 Oct 2017 12:45
Operator : SJ/JU
Sample : I5786-11 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-66(1.5-2.5) 101017

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:09 PM

Quant Time: Oct 27 13:21:16 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: BE094592.D

(21) Benzo(b)fluoranthene

23.200min (+0.019) 4.99ng/ul

response 170577

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.64
125.00	17.50	24.93
0.00	0.00	0.00

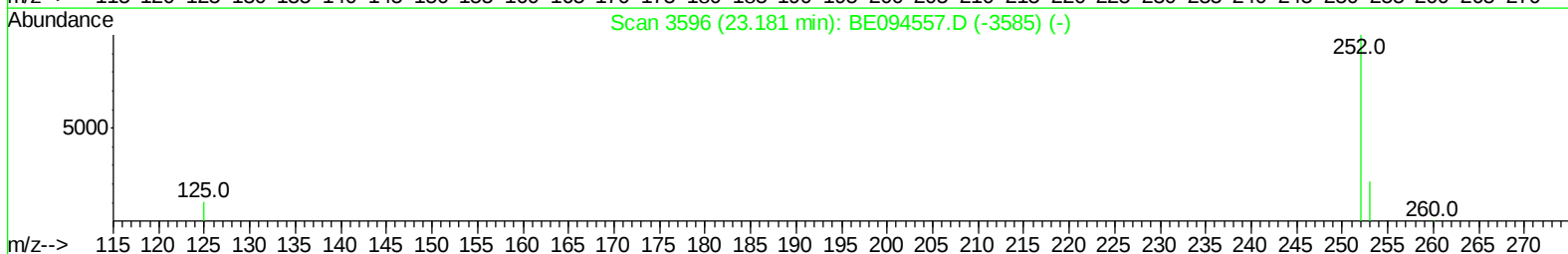
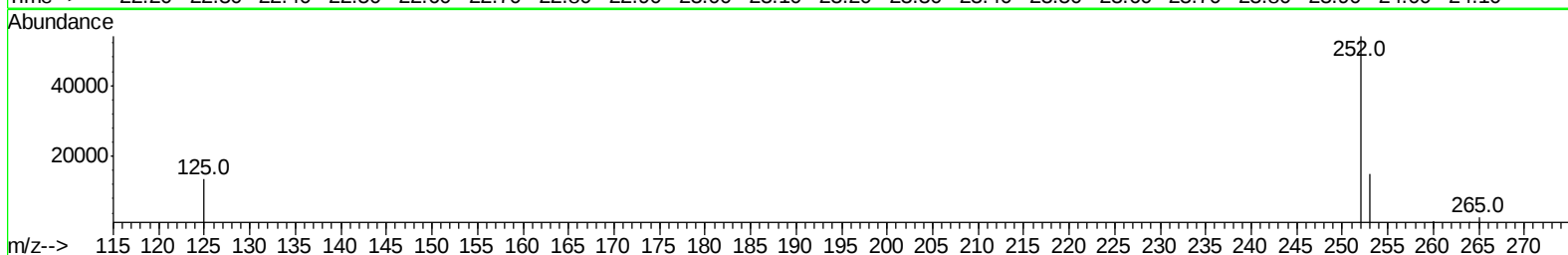
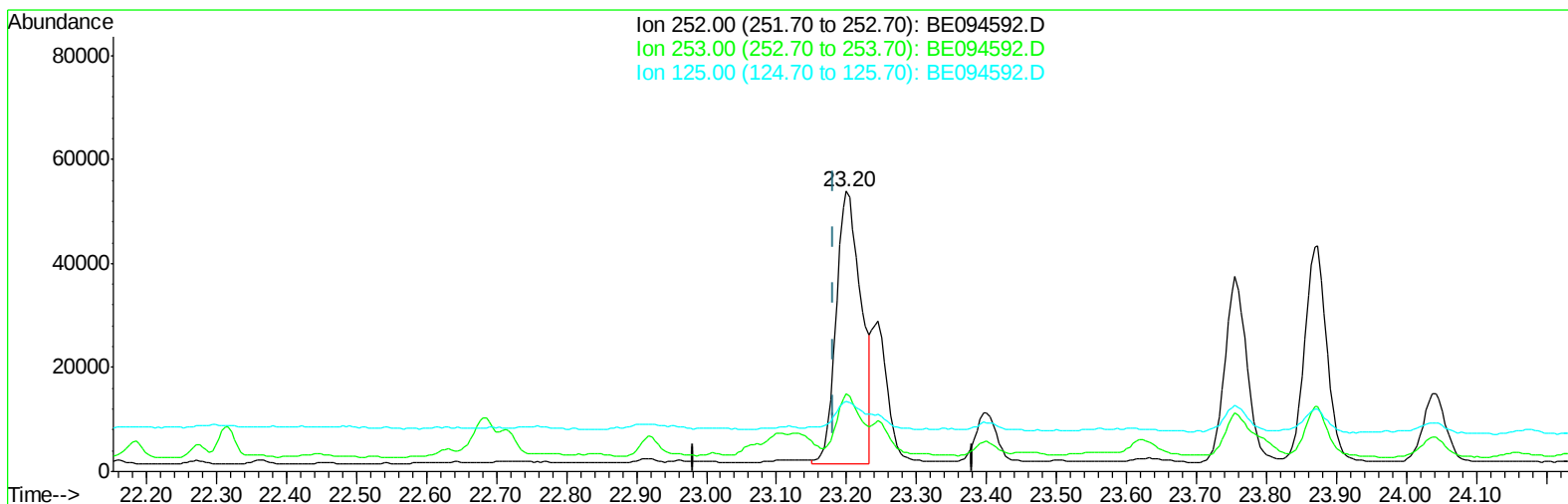
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094592.D
Acq On : 27 Oct 2017 12:45
Operator : SJ/JU
Sample : I5786-11 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-66(1.5-2.5) 101017

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:09 PM

Quant Time: Oct 27 13:21:16 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: BE094592.D

(21) Benzo(b)fluoranthene

23.200min (+0.019) 3.77ng/ul m

response 129059

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.64
125.00	17.50	24.93
0.00	0.00	0.00

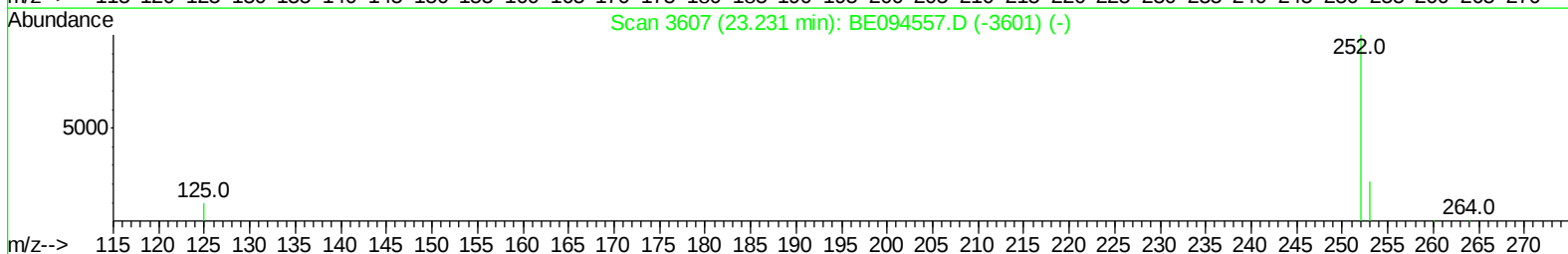
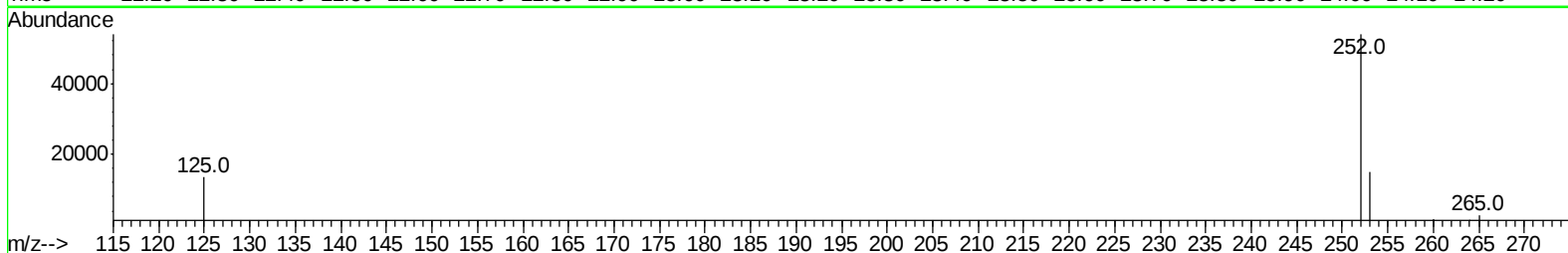
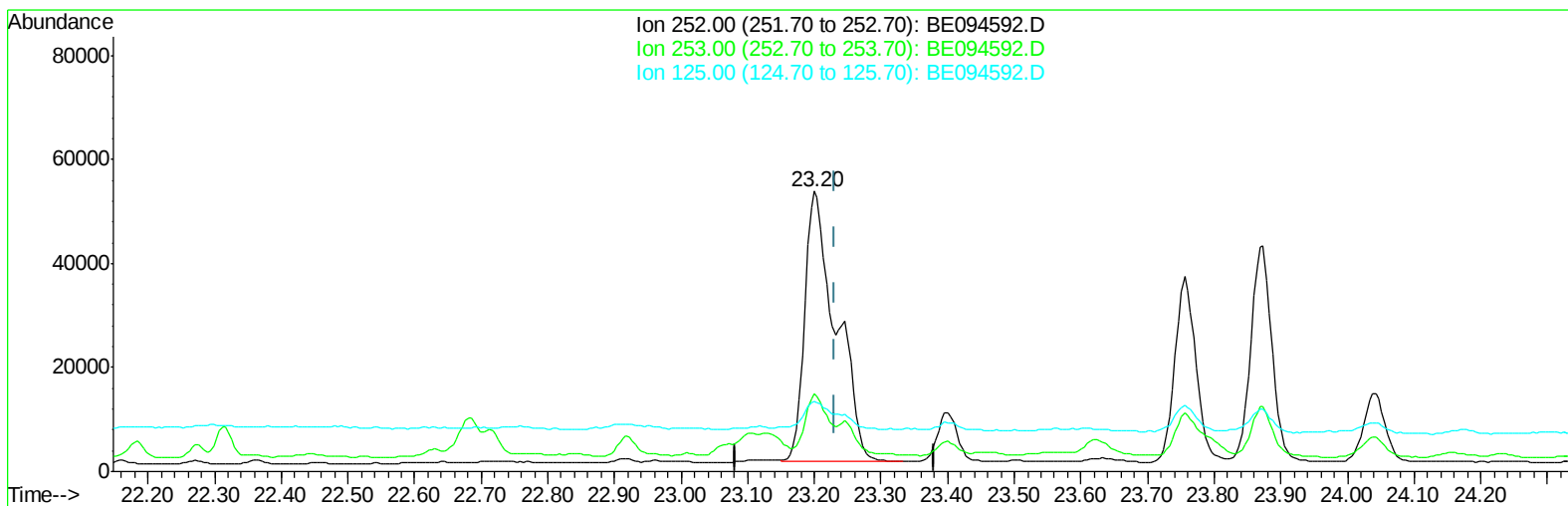
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094592.D
Acq On : 27 Oct 2017 12:45
Operator : SJ/JU
Sample : I5786-11 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-66(1.5-2.5) 101017

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:09 PM

Quant Time: Oct 27 13:21:16 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: BE094592.D

(22) Benzo(k)fluoranthene
23.200min (-0.031) 4.63ng/ul
response 169579

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.64
125.00	17.10	24.93#
0.00	0.00	0.00

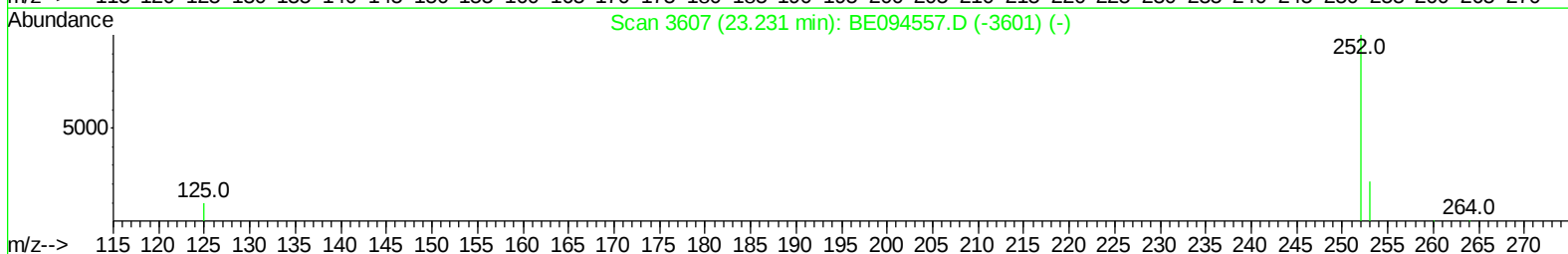
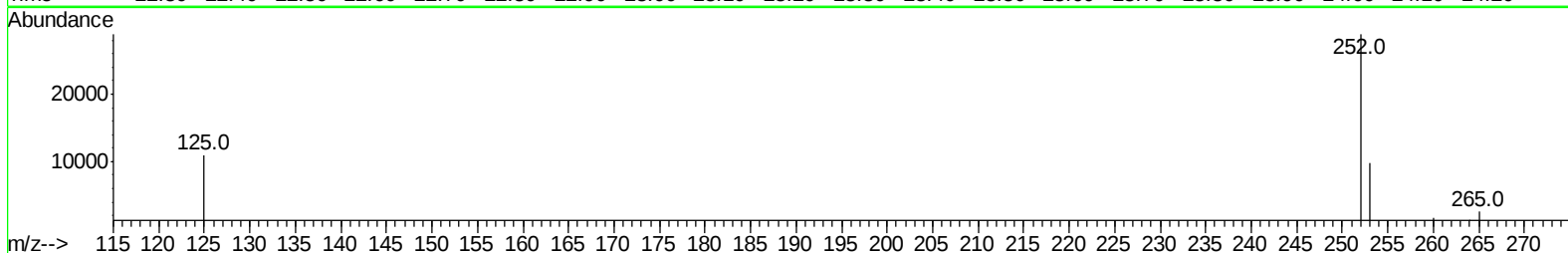
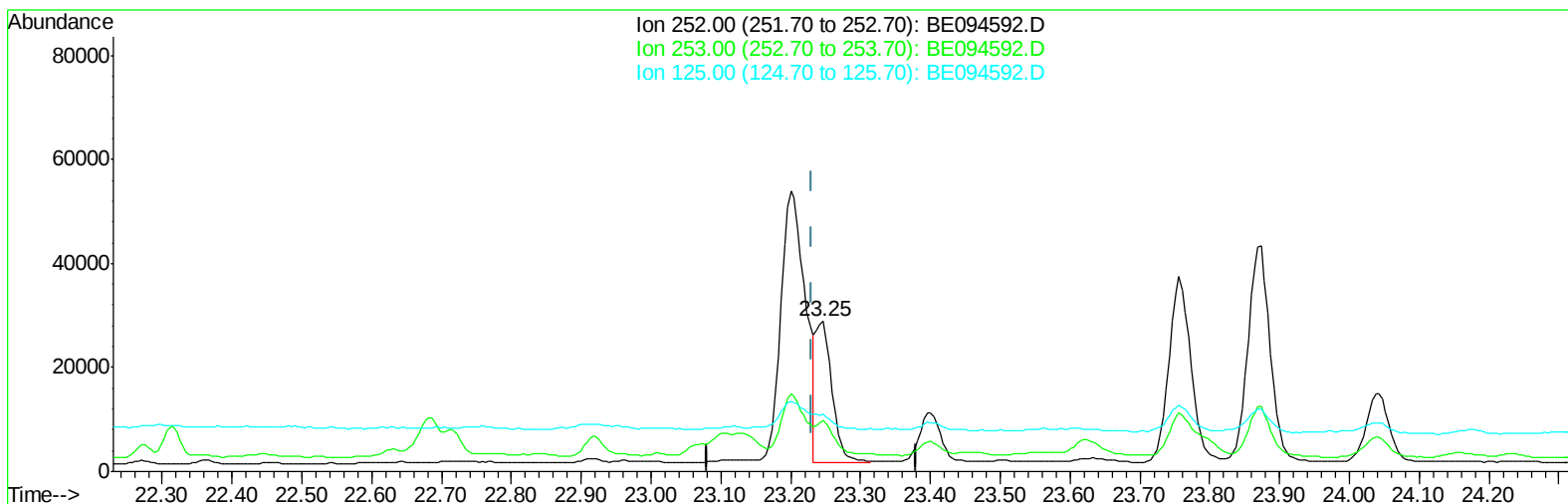
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094592.D
Acq On : 27 Oct 2017 12:45
Operator : SJ/JU
Sample : I5786-11 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-66(1.5-2.5) 101017

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:09 PM

Quant Time: Oct 27 13:21:16 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: BE094592.D

(22) Benzo(k)fluoranthene

23.245min (+0.014) 1.20ng/ul m

response 43849

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.04
125.00	17.10	38.01#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094592.D
 Acq On : 27 Oct 2017 12:45
 Operator : SJ/JU
 Sample : I5786-11 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-66(1.5-2.5) 101017

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:36:09 PM

Quant Time: Oct 27 13:49:54 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	1681	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9567	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11965	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	11773	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	12158	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	676	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1554	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	2459	0.105	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	996	0.061	ng/ul	95
7) Acenaphthylene	14.25	152	2561	0.103	ng/ul	95
8) Acenaphthene	14.58	153	587	0.033	ng/ul#	92
9) Fluorene	15.57	166	860	0.043	ng/ul#	82
12) Phenanthrene	17.29	178	28662m	0.907	ng/ul	
13) Anthracene	17.40	178	6778	0.217	ng/ul	98
15) Fluoranthene	19.32	202	96443	2.640	ng/ul	84
17) Pyrene	19.68	202	94936	2.608	ng/ul#	79
18) Benzo(a)anthracene	21.42	228	71931	2.137	ng/ul#	91
19) Chrysene	21.47	228	84388m	2.426	ng/ul	
21) Benzo(b)fluoranthene	23.20	252	129059m	3.774	ng/ul	
22) Benzo(k)fluoranthene	23.25	252	43849m	1.196	ng/ul	
23) Benzo(a)pyrene	23.87	252	91482	2.676	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.70	276	65492	1.851	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.69	278	16240	0.545	ng/ul#	42
26) Benzo(a,h,i)perylene	27.55	276	55361	1.949	ng/ul#	88

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

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Instrument :
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Manual Integrations
APPROVED

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