

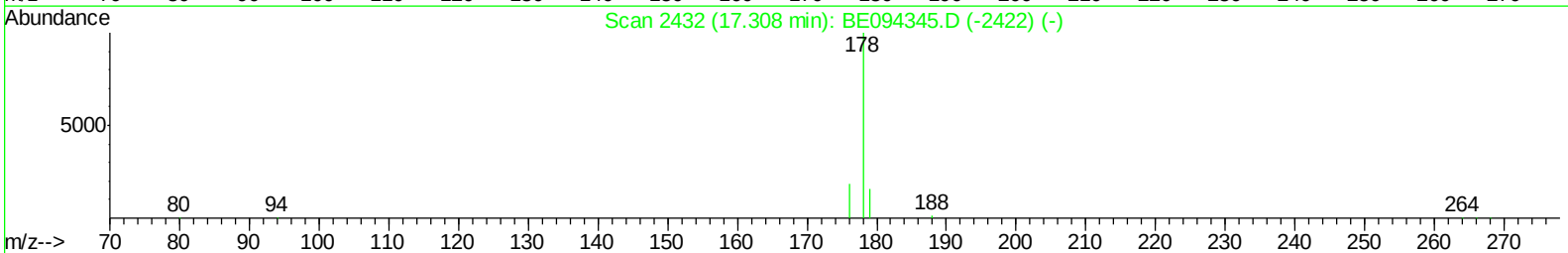
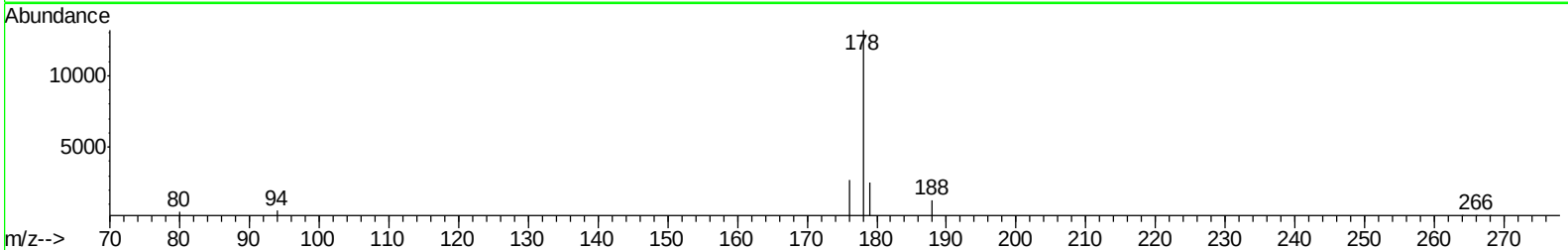
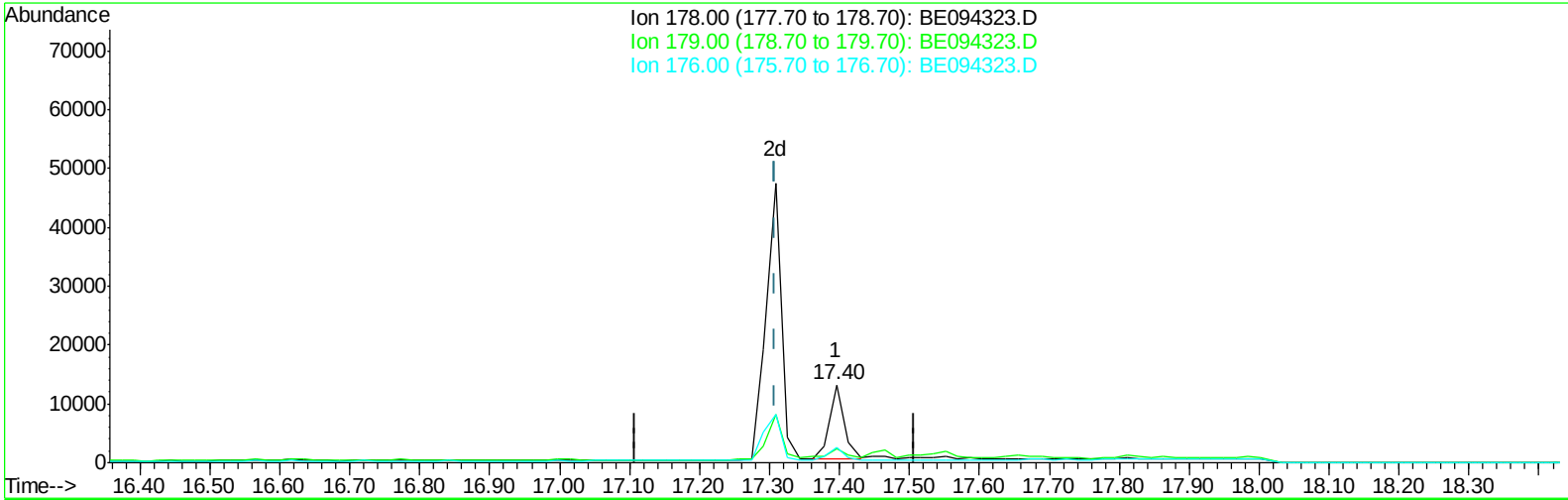
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094323.D
Acq On : 13 Oct 2017 13:56
Operator : SJ/JU
Sample : I5533-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-56(1-2)-092717DL

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:38 PM

Quant Time: Oct 15 02:25:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration



TIC: BE094323.D

(12) Phenanthrene

17.395min (+0.087) 0.73ng/ul

response 18053

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.82
176.00	17.00	20.35
0.00	0.00	0.00

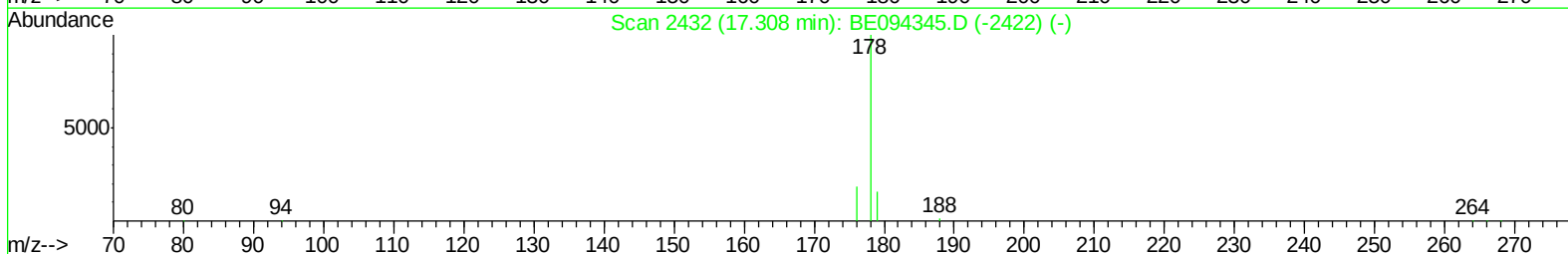
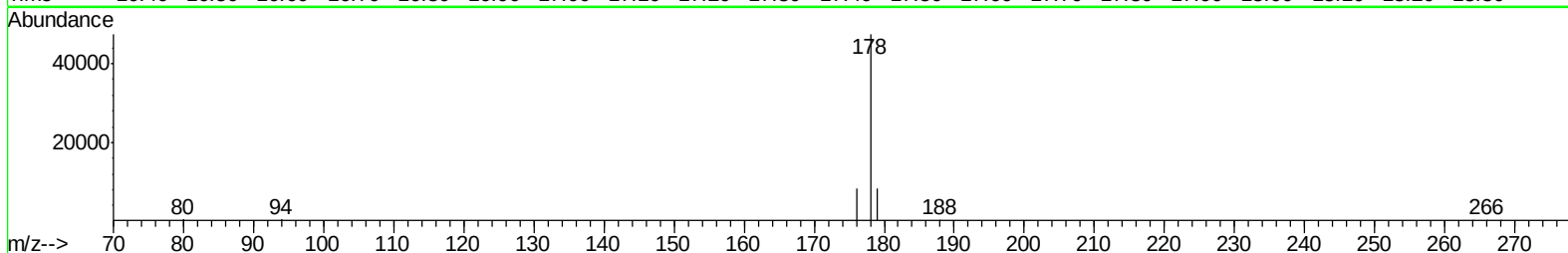
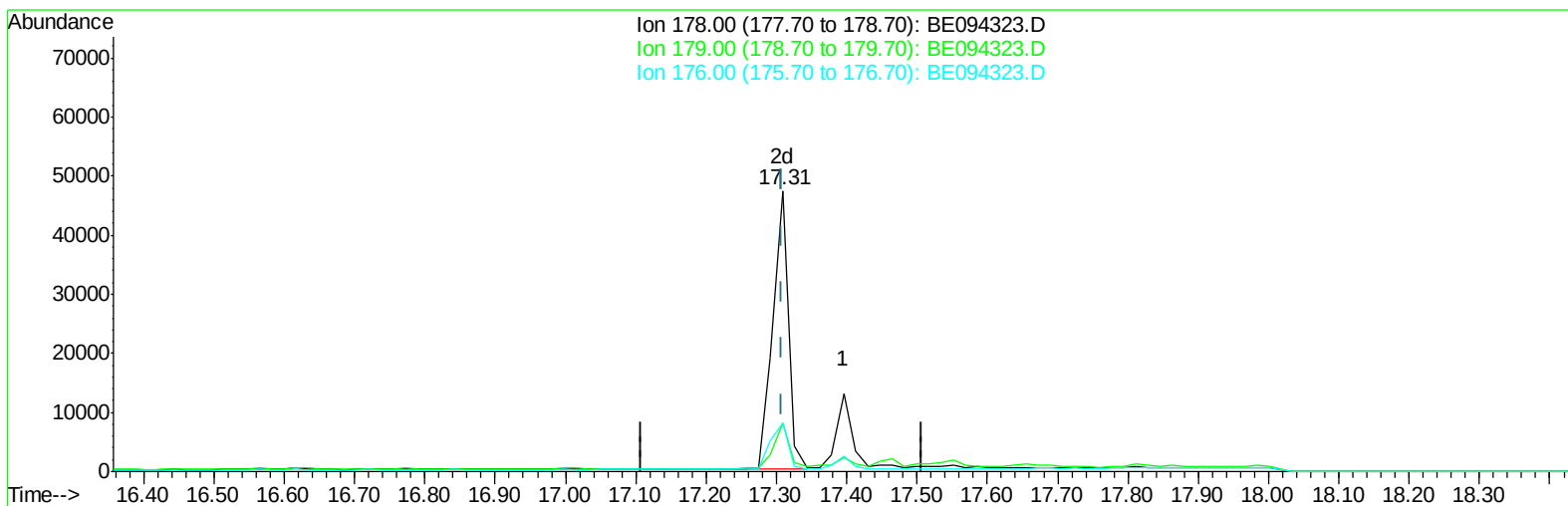
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
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Acq On : 13 Oct 2017 13:56
Operator : SJ/JU
Sample : I5533-01DL 5X
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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TIC: BE094323.D

(12) Phenanthrene

17.309min (+0.001) 2.97ng/ul m

response 73209

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	17.39#
176.00	17.00	17.36
0.00	0.00	0.00

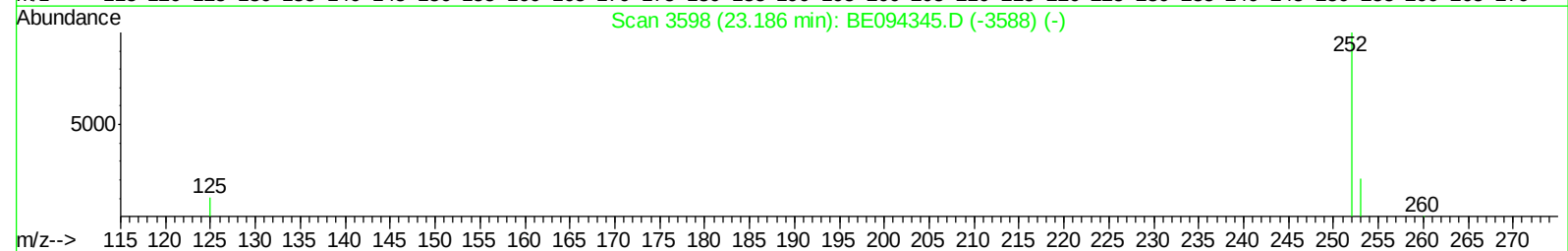
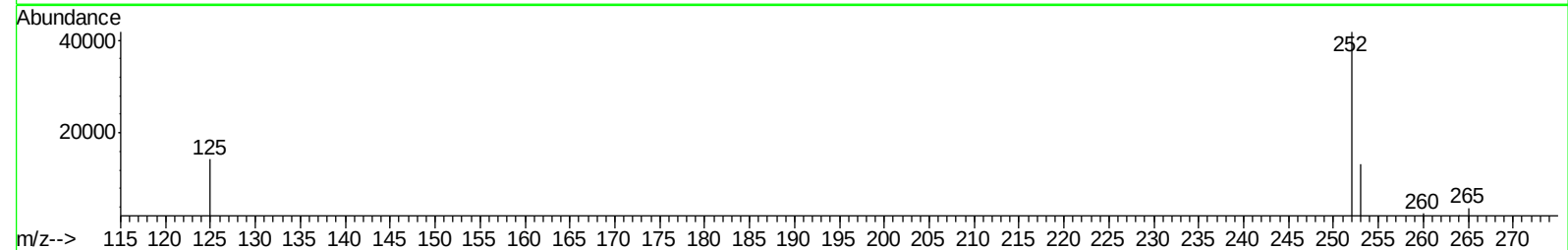
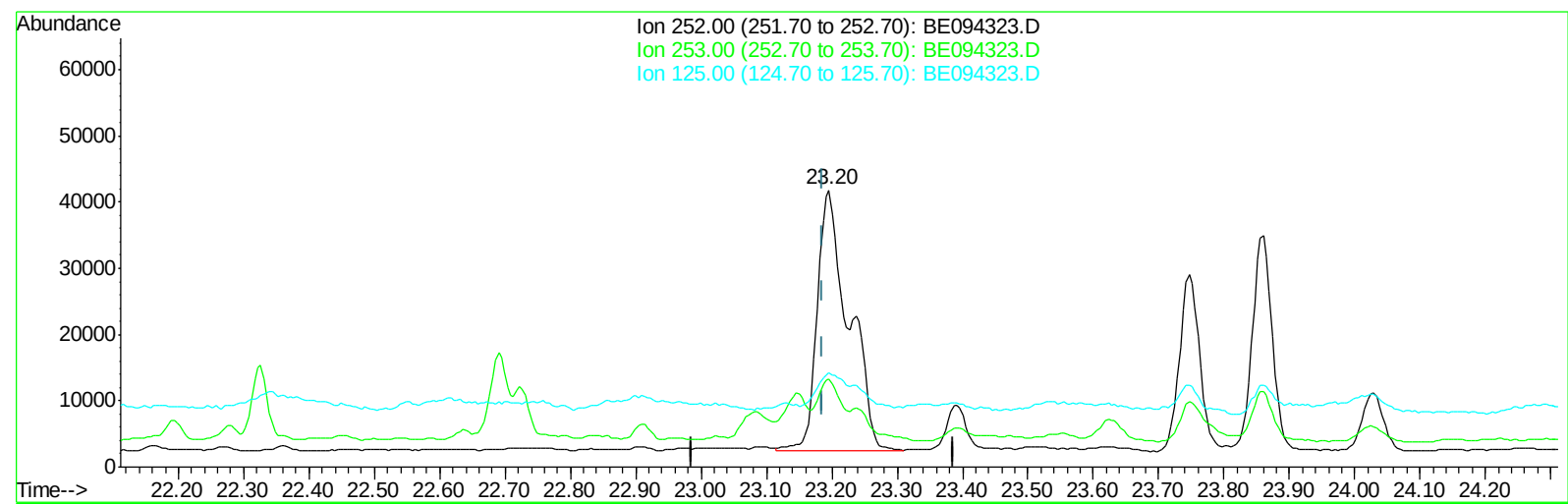
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094323.D
Acq On : 13 Oct 2017 13:56
Operator : SJ/JU
Sample : I5533-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-56(1-2)-092717DL

Manual Integrations
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TIC: BE094323.D

(21) Benzo(b)fluoranthene
23.195min (+0.010) 4.87ng/ul
response 131114

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.74
125.00	17.50	34.16
0.00	0.00	0.00

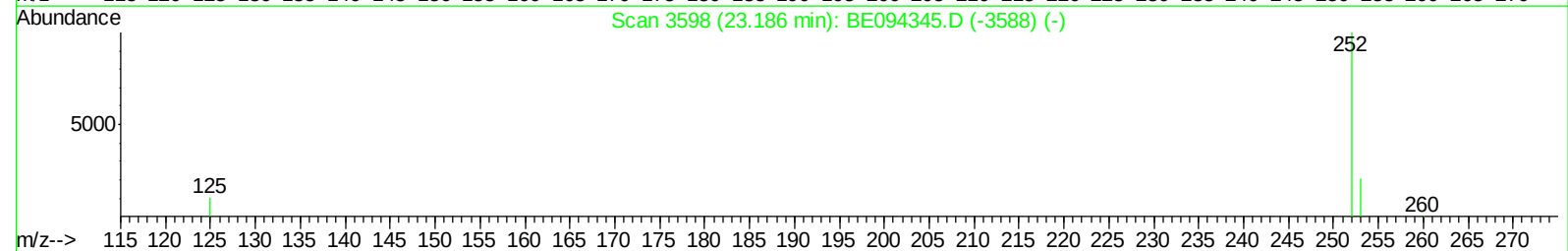
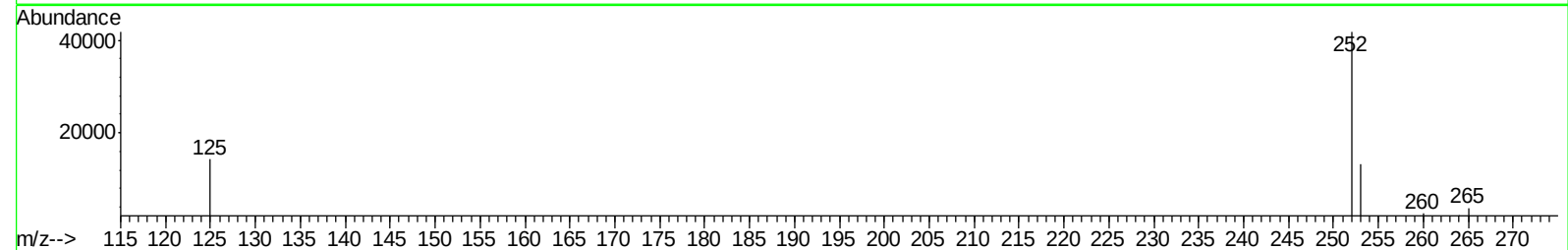
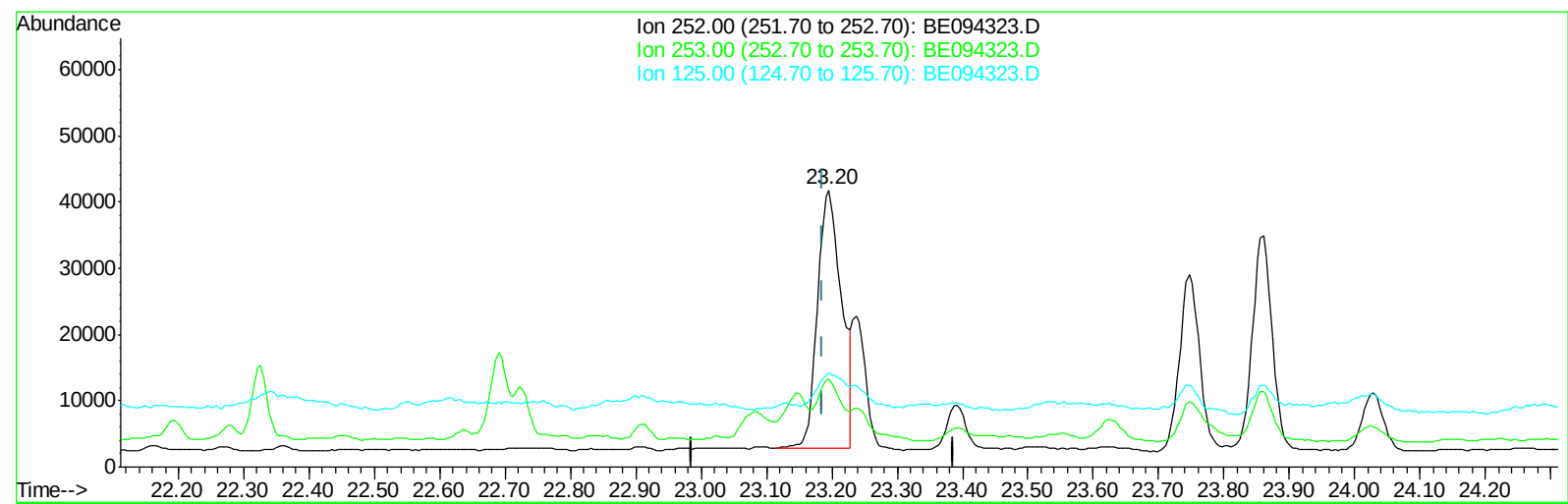
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094323.D
Acq On : 13 Oct 2017 13:56
Operator : SJ/JU
Sample : I5533-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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TIC: BE094323.D

(21) Benzo(b)fluoranthene

23.195min (+0.010) 3.70ng/ul m

response 99394

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.74
125.00	17.50	34.16
0.00	0.00	0.00

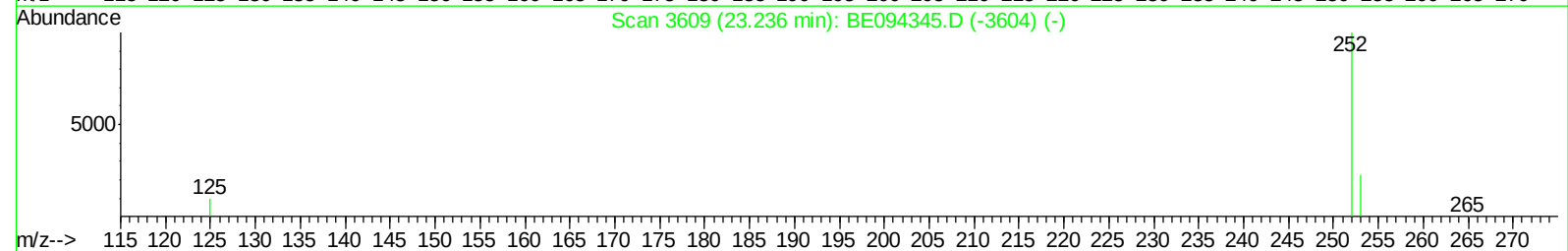
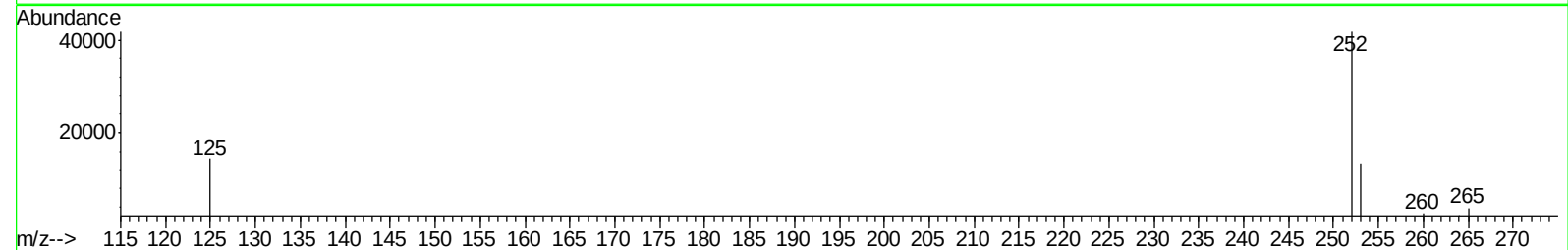
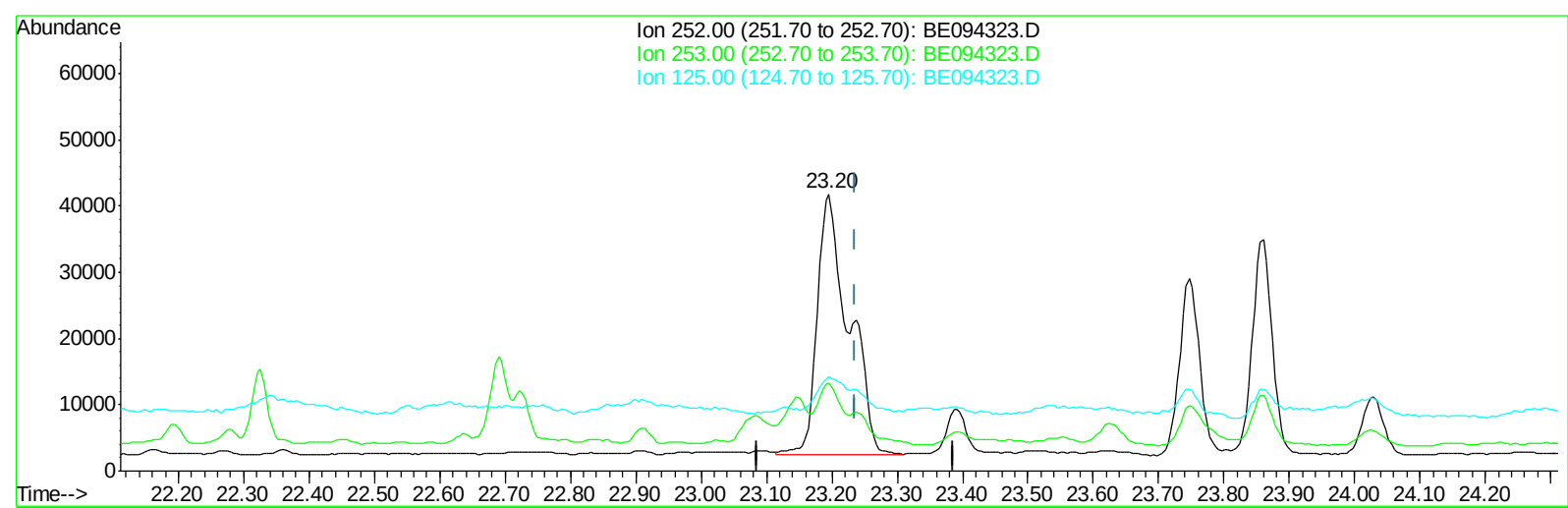
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094323.D
Acq On : 13 Oct 2017 13:56
Operator : SJ/JU
Sample : I5533-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 15 02:25:00 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE094323.D

(22) Benzo(k)fluoranthene
23.195min (-0.040) 4.22ng/ul
response 131114

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	31.74
125.00	17.10	34.16#
0.00	0.00	0.00

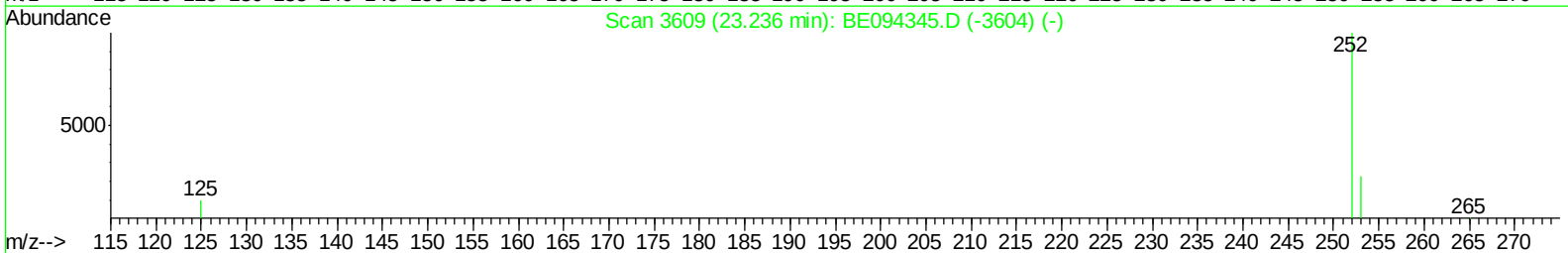
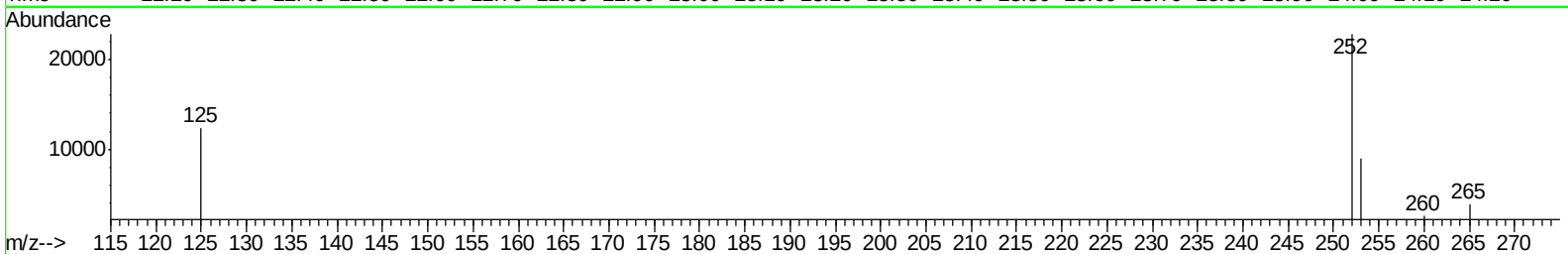
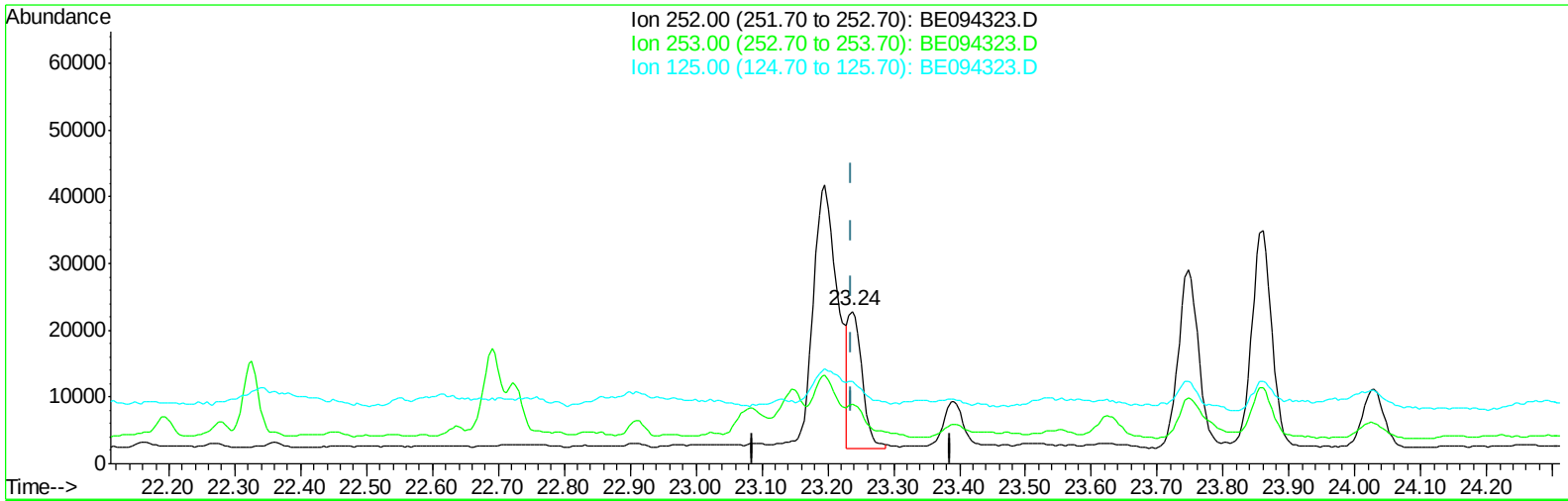
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094323.D
Acq On : 13 Oct 2017 13:56
Operator : SJ/JU
Sample : I5533-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:38 PM

Quant Time: Oct 15 02:25:00 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE094323.D

(22) Benzo(k)fluoranthene

23.236min (+0.001) 0.97ng/ul m

response 30290

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	39.14#
125.00	17.10	54.05#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
 Data File : BE094323.D
 Acq On : 13 Oct 2017 13:56
 Operator : SJ/JU
 Sample : I5533-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
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Manual Integrations
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Sohil
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1515	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7676	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4424	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9422	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9376	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9901	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	848	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1931	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	22666	1.206	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	6724	0.551	ng/ul	99
7) Acenaphthylene	14.26	152	3425	0.199	ng/ul#	89
8) Acenaphthene	14.60	153	2037	0.143	ng/ul	94
9) Fluorene	15.58	166	3165	0.190	ng/ul#	88
12) Phenanthrene	17.31	178	73209m	2.973	ng/ul	
13) Anthracene	17.40	178	19454	0.812	ng/ul	94
15) Fluoranthene	19.32	202	152042	4.700	ng/ul	84
17) Pyrene	19.68	202	142288	5.454	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	74448	2.993	ng/ul#	90
19) Chrysene	21.47	228	79434	2.765	ng/ul#	87
21) Benzo(b)fluoranthene	23.20	252	99394m	3.695	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	30290m	0.974	ng/ul	
23) Benzo(a)pyrene	23.86	252	69288	2.479	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.67	276	49252	1.723	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.66	278	12814	0.534	ng/ul#	1
26) Benzo(g,h,i)perylene	27.51	276	50233	2.037	ng/ul#	83

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

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