

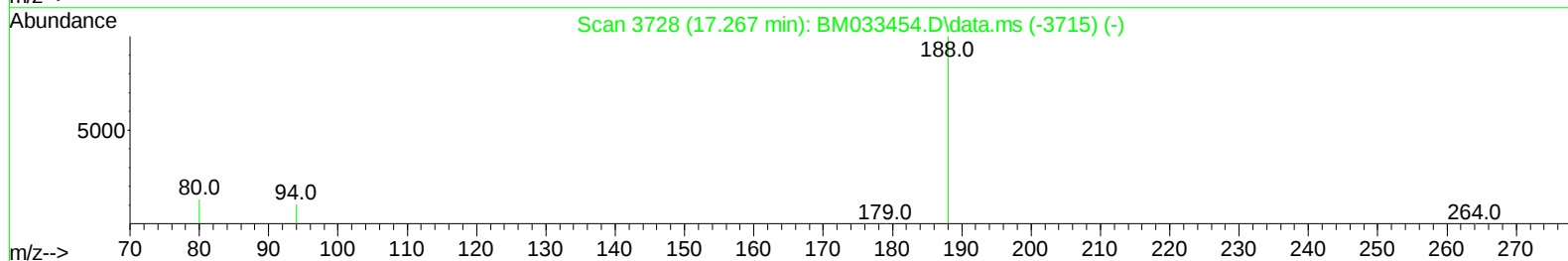
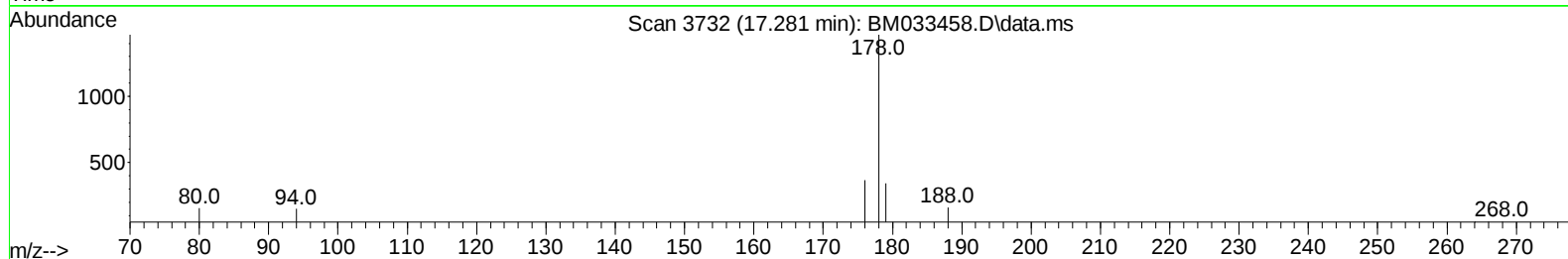
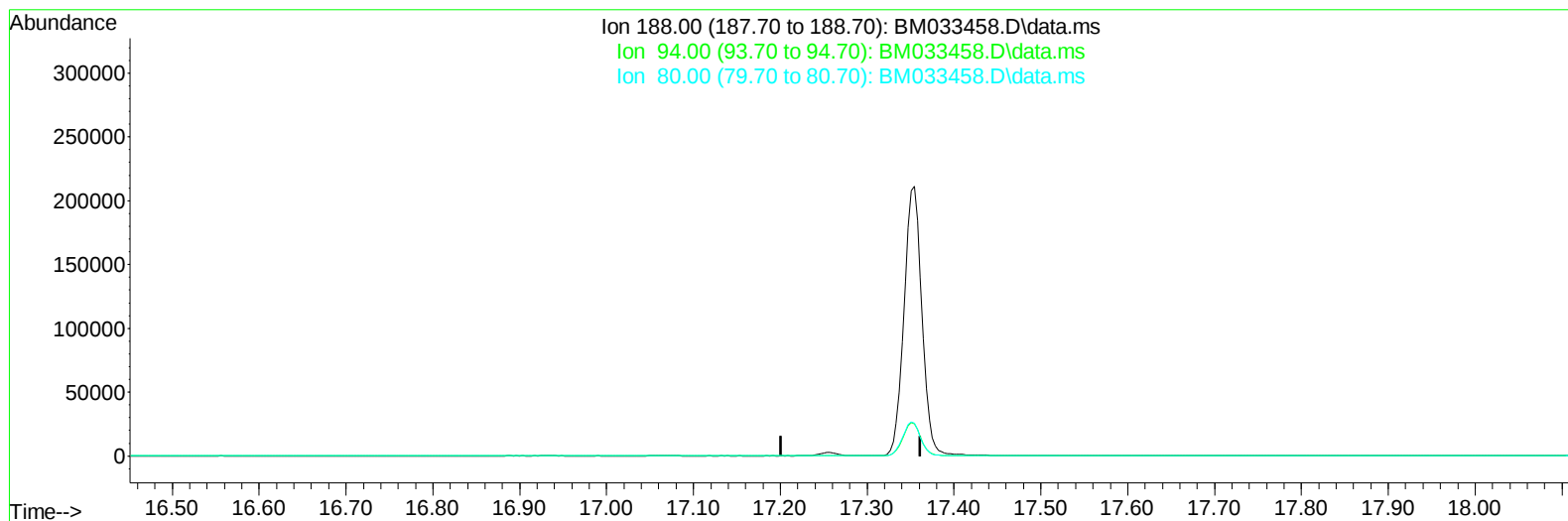
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033458.D
Acq On : 15 Dec 2021 02:36
Operator : CG/JU
Sample : M4985-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5Q0

Manual IntegrationsAPPROVED

Quant Time: Dec 15 03:58:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 01:00:55 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/15/2021
Supervised By :mohammad ahmed 12/24/2021



TIC: BM033458.D\data.ms

(13) Phenanthrene-d10 (I)

17.281min (-17.281) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	13.30	0.00#
80.00	15.50	0.00#
0.00	0.00	0.00

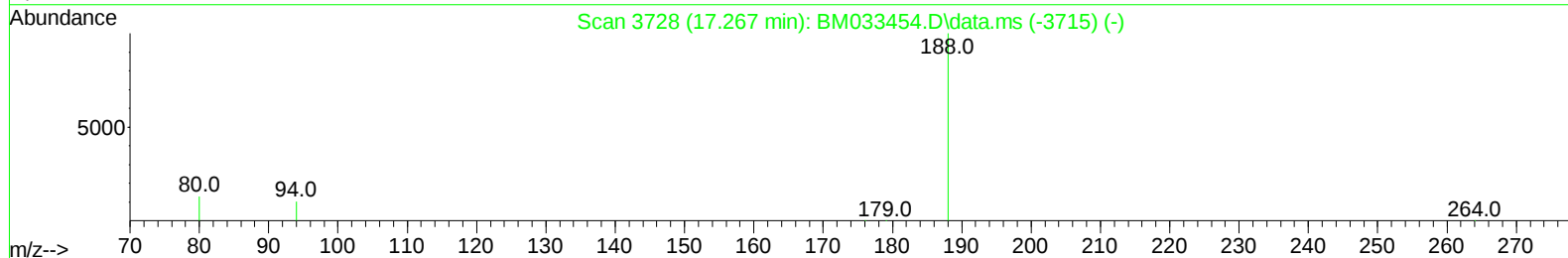
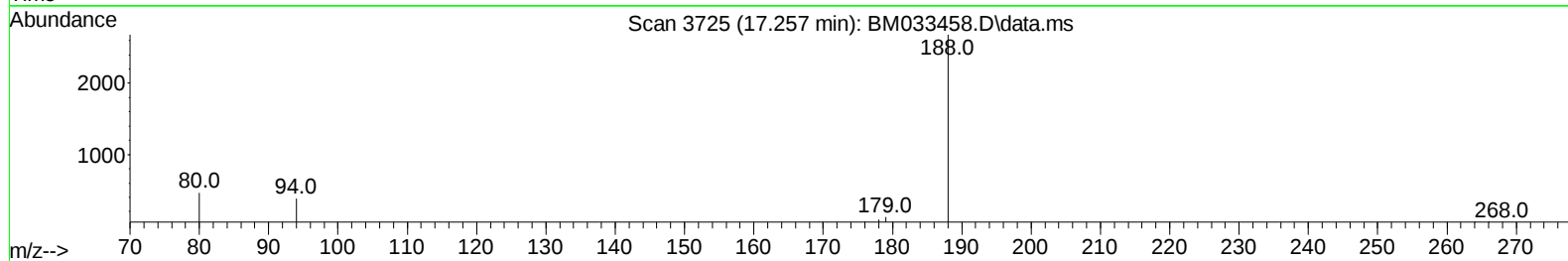
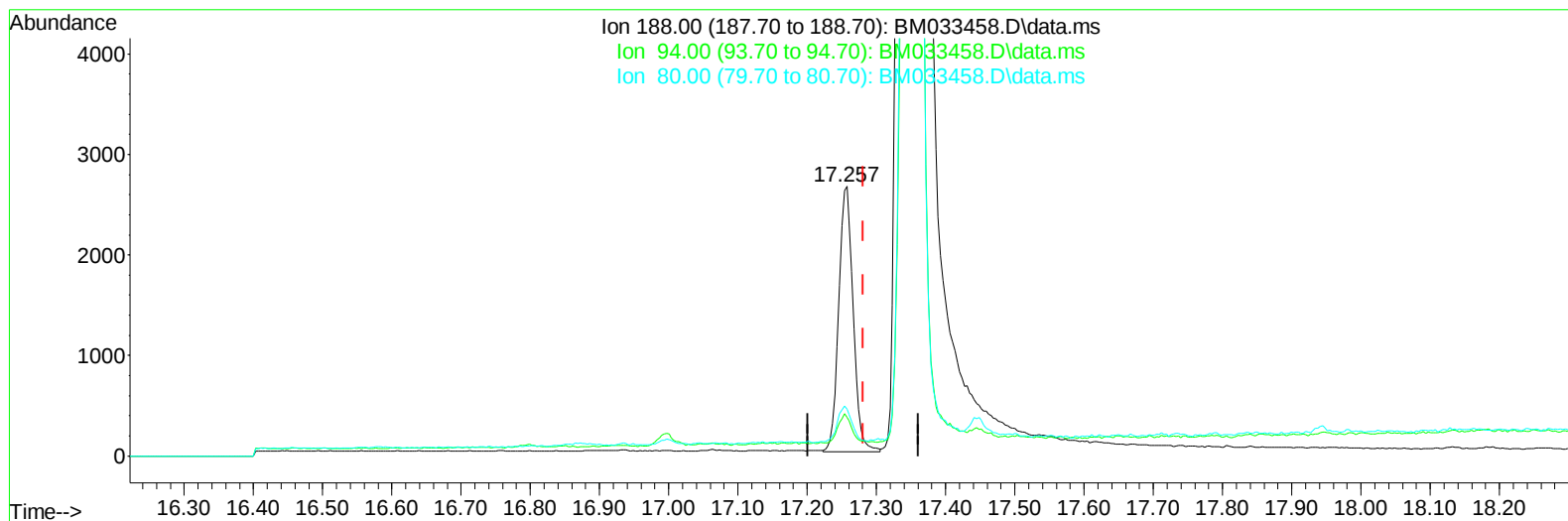
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TIC: BM033458.D\data.ms

(13) Phenanthrene-d10 (I)

17.257min (-0.024) 0.40 ng/ul m

response 3813

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.30	14.25
80.00	15.50	17.38
0.00	0.00	0.00

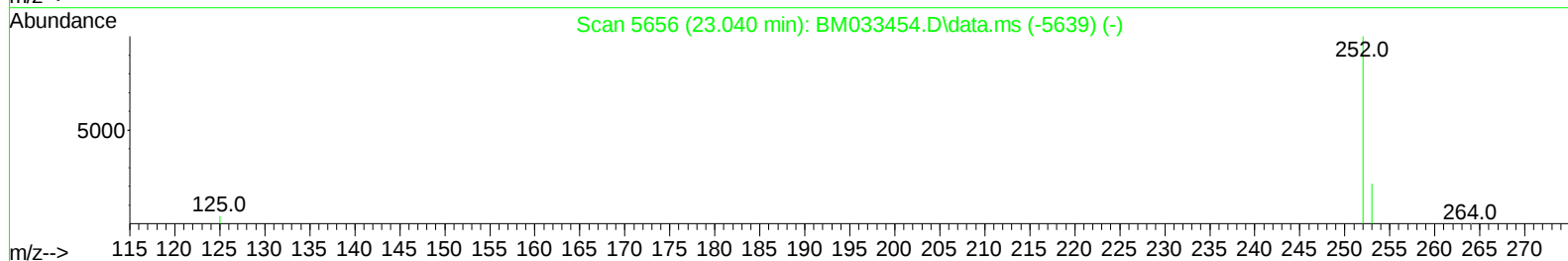
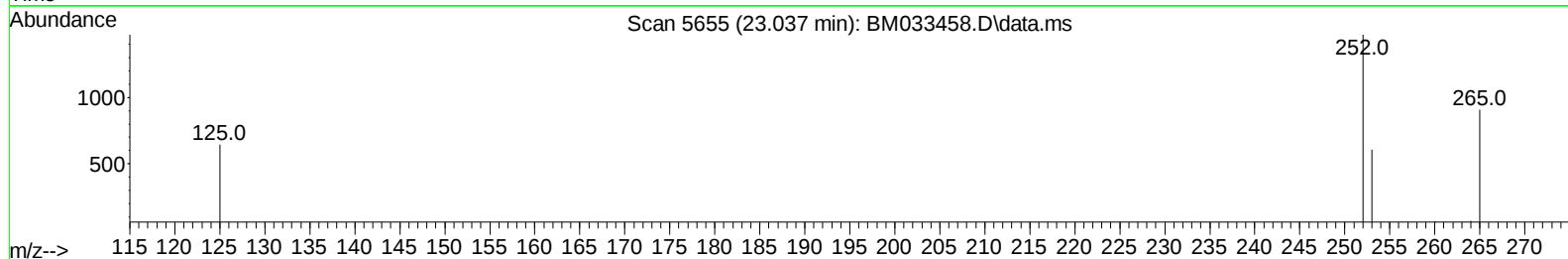
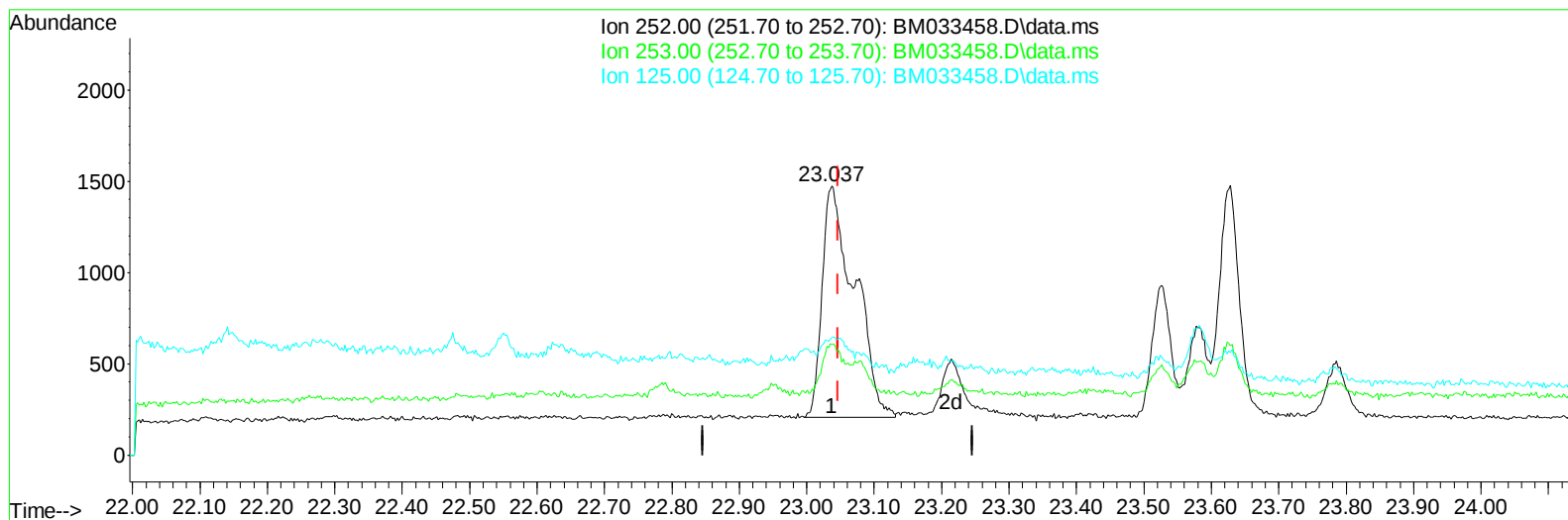
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 Sample : M4985-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM033458.D\data.ms

(24) Benzo(b)fluoranthene

23.037min (-0.009) 0.42 ng/u1

response 4230

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.10	41.07
125.00	14.40	43.72#
0.00	0.00	0.00

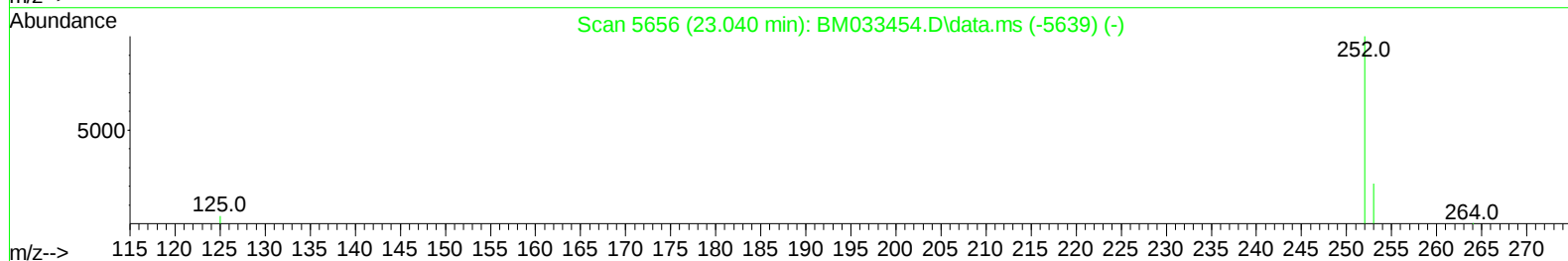
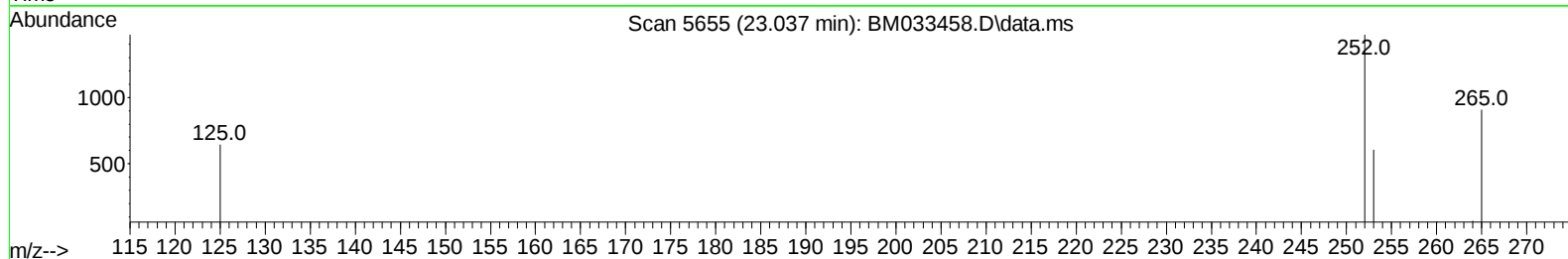
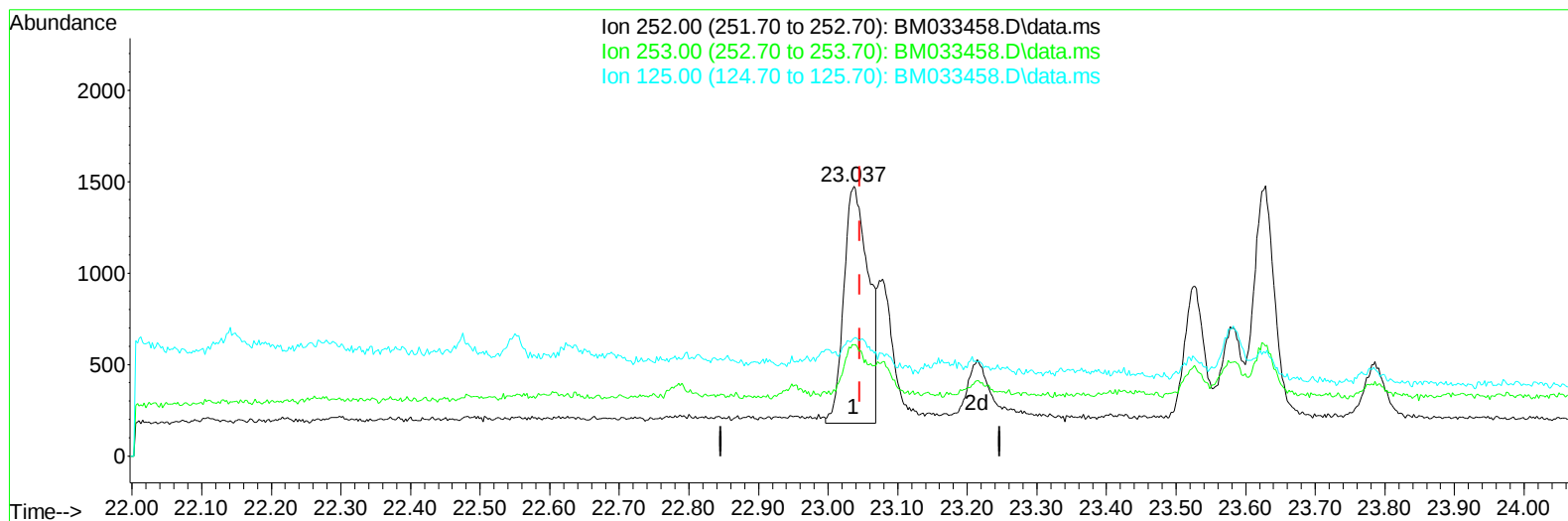
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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TIC: BM033458.D\data.ms

(24) Benzo(b)fluoranthene

23.037min (-0.009) 0.32 ng/u1 m

response 3191

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.10	41.07
125.00	14.40	43.72#
0.00	0.00	0.00

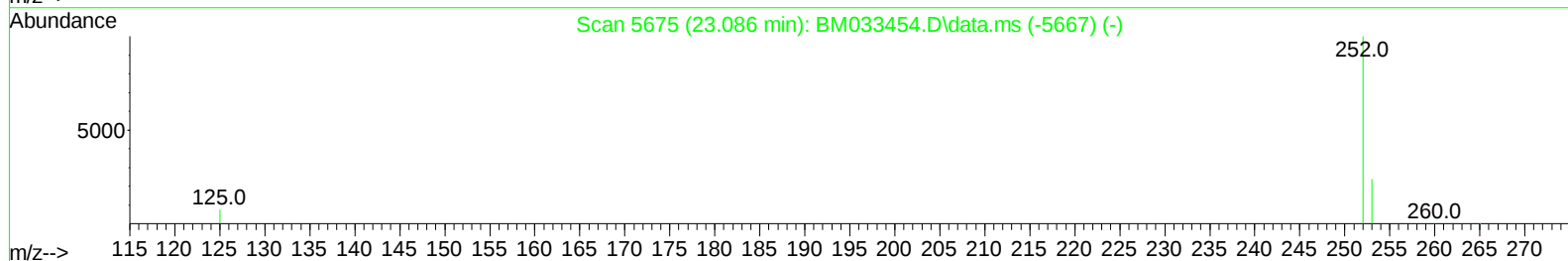
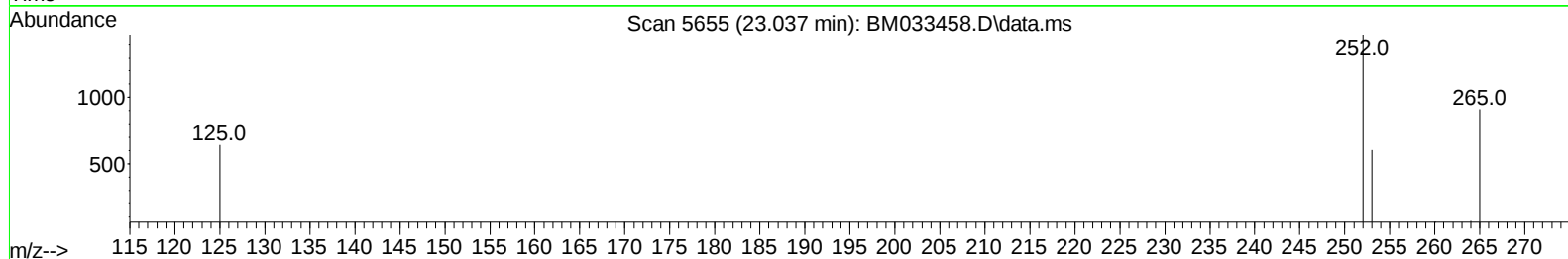
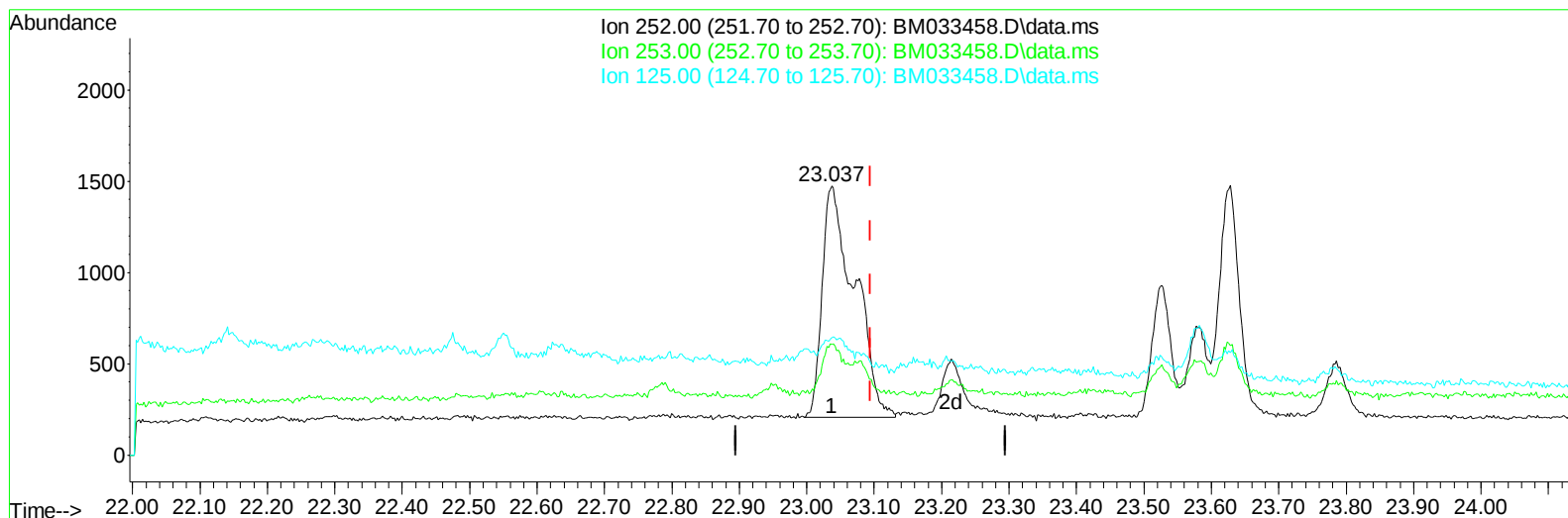
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Acq On : 15 Dec 2021 02:36
Operator : CG/JU
Sample : M4985-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5Q0

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TIC: BM033458.D\data.ms

(25) Benzo(k)fluoranthene

23.037min (-0.058) 0.37 ng/u1

response 4230

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.50	41.07#
125.00	15.00	43.72#
0.00	0.00	0.00

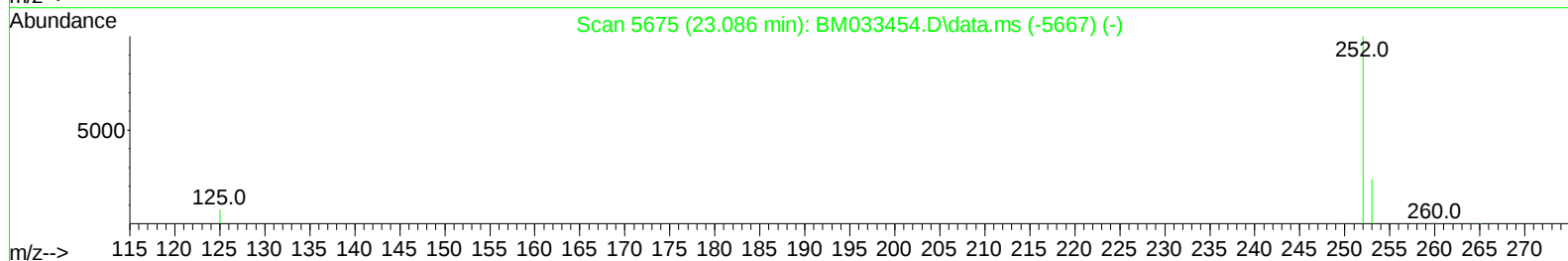
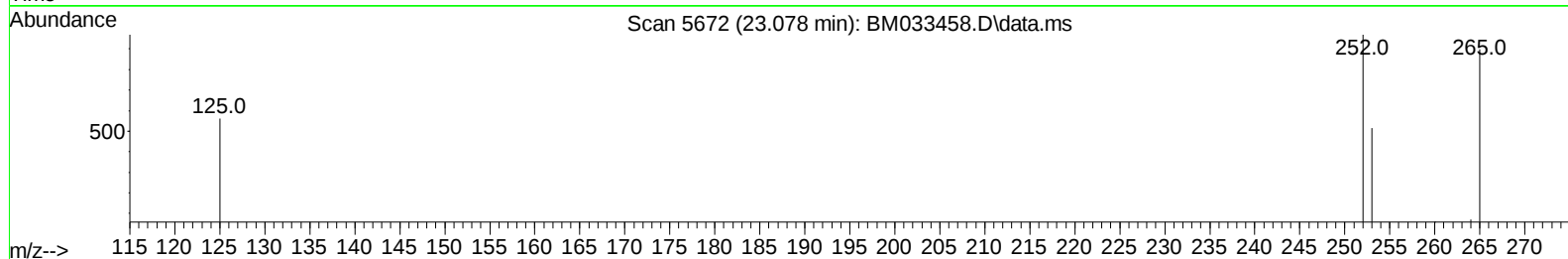
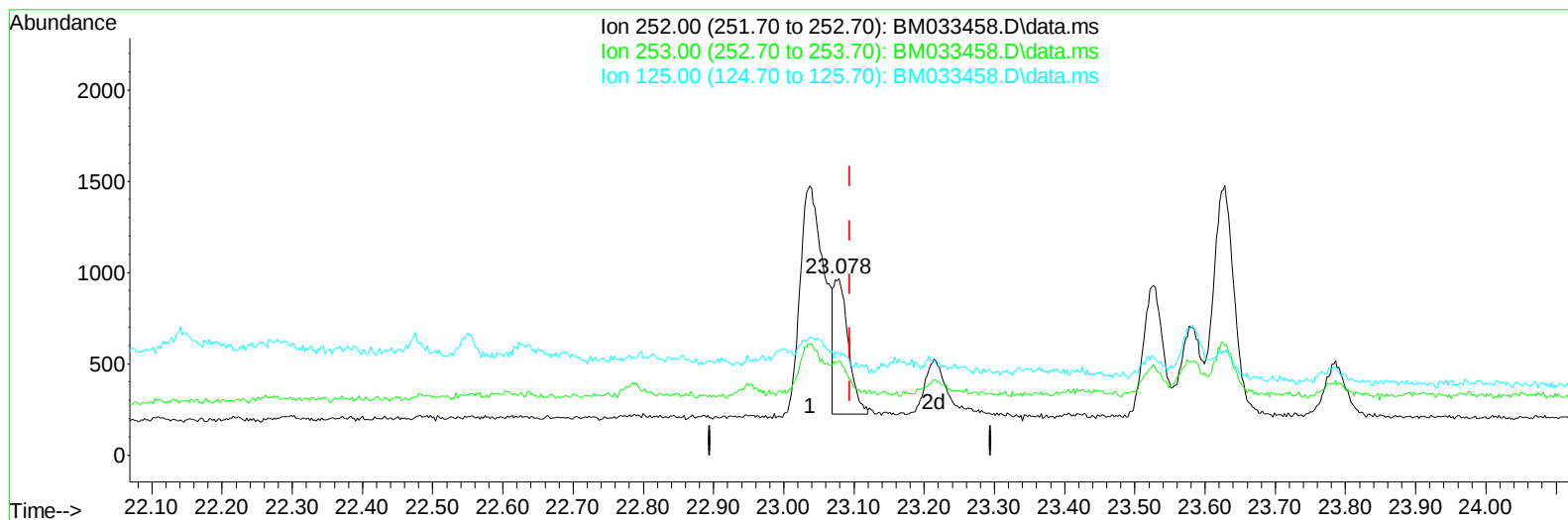
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Operator : CG/JU
Sample : M4985-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5Q0

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TIC: BM033458.D\data.ms

(25) Benzo(k)fluoranthene

23.078min (-0.016) 0.09 ng/u1 m

response 1076

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.50	53.25#
125.00	15.00	58.10#
0.00	0.00	0.00

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 ALS Vial : 22 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	805	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.684	136	2082	0.40	ng/ul	-0.02
9) Acenaphthene-d10	14.519	164	1492	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.257	188	3813m	0.40	ng/ul	-0.02
17) Chrysene-d12	21.422	240	4271	0.40	ng/ul	-0.01
23) Perylene-d12	23.735	264	3752	0.40	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	2313	3.55	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.281	152	977	0.37	ng/ul	-0.02
18) Fluoranthene-d10	19.277	212	5078	0.55	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	594	0.70	ng/ul	93
5) Naphthalene	10.738	128	473	0.06	ng/ul#	74
7) 2-Methylnaphthalene	12.353	142	141	0.03	ng/ul	96
8) 1-Methylnaphthalene	12.569	142	169	0.04	ng/ul	99
10) Acenaphthylene	14.238	152	1674	0.20	ng/ul	100
11) Acenaphthene	14.580	153	175	0.03	ng/ul	89
12) Fluorene	15.562	166	707	0.10	ng/ul#	98
15) Phenanthrene	17.295	178	7618	0.61	ng/ul	98
16) Anthracene	17.389	178	2510	0.23	ng/ul	97
19) Fluoranthene	19.308	202	9584	0.85	ng/ul	97
20) Pyrene	19.666	202	8978	0.72	ng/ul#	89
21) Benzo(a)anthracene	21.407	228	3355	0.35	ng/ul	94
22) Chrysene	21.458	228	2689	0.23	ng/ul	97
24) Benzo(b)fluoranthene	23.037	252	3191m	0.32	ng/ul	
25) Benzo(k)fluoranthene	23.078	252	1076m	0.09	ng/ul	
26) Benzo(a)pyrene	23.628	252	2613	0.27	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.100	276	1325	0.12	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.104	278	268	0.03	ng/ul#	1
29) Benzo(g,h,i)perylene	26.824	276	1322	0.14	ng/ul#	81

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

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