

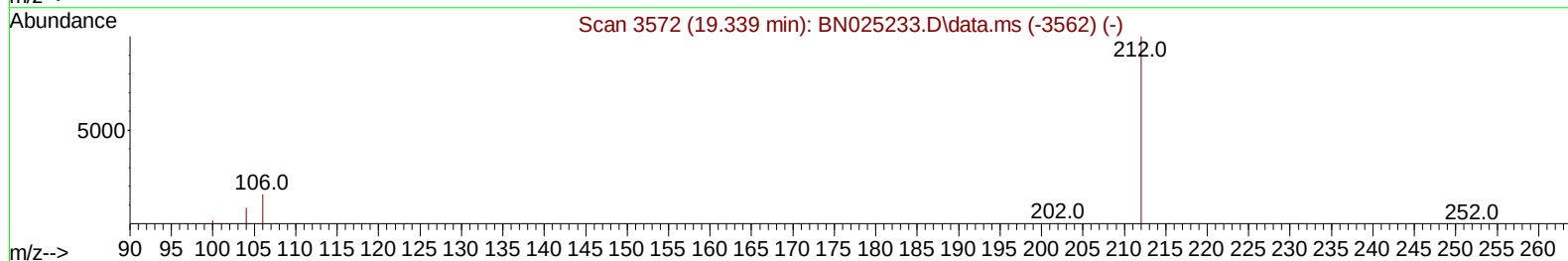
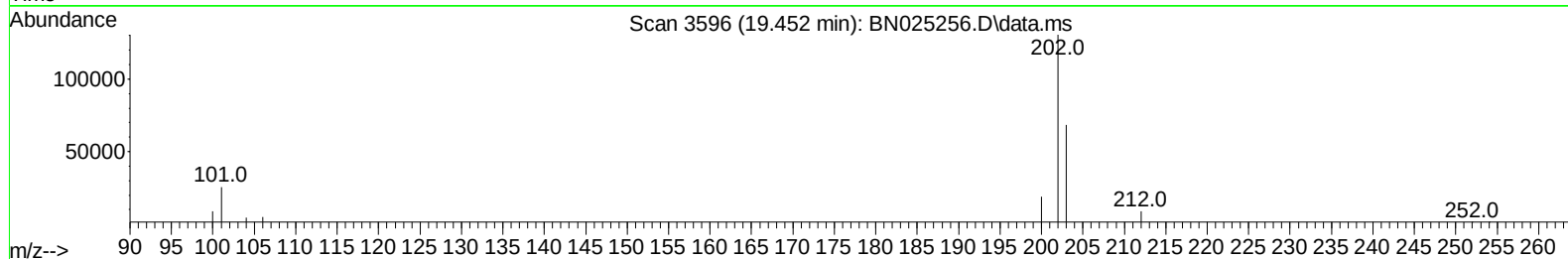
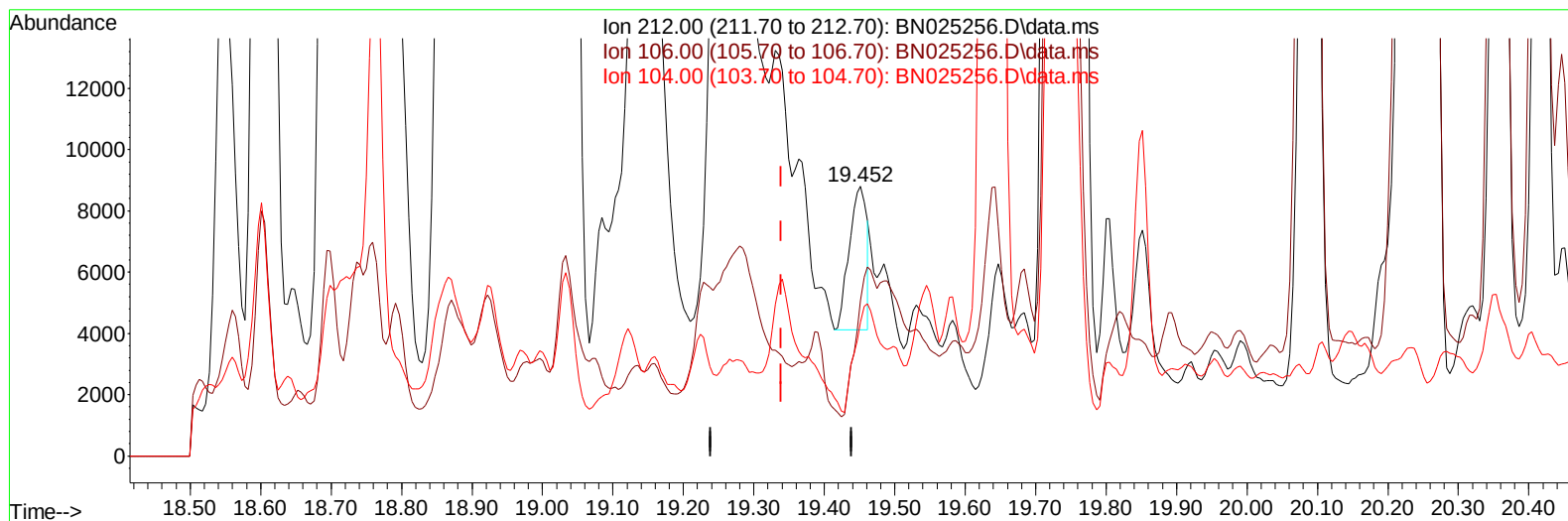
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025256.D
Acq On : 04 May 2023 01:05
Operator : CG/JU
Sample : 02447-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW917

Manual IntegrationsAPPROVED

Quant Time: May 04 05:53:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BN025256.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.452min (+ 0.113) 0.15 ng/u1

response 7986

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	16.10	0.00#
104.00	9.00	0.00#
0.00	0.00	0.00

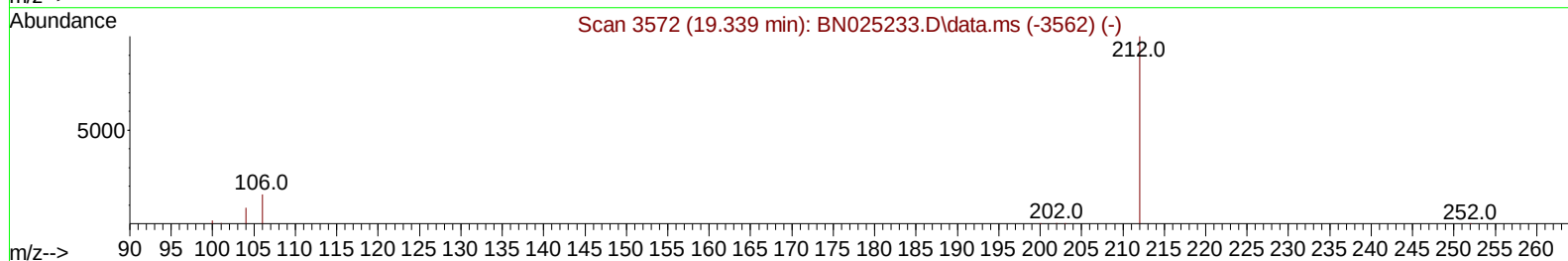
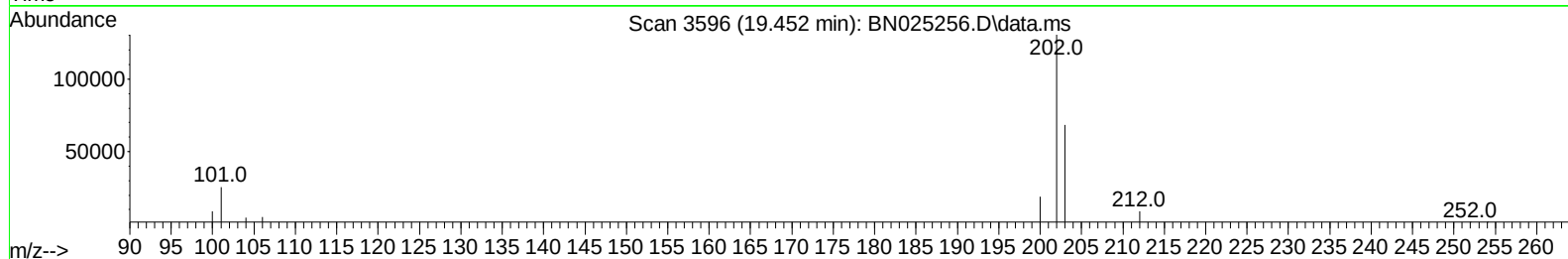
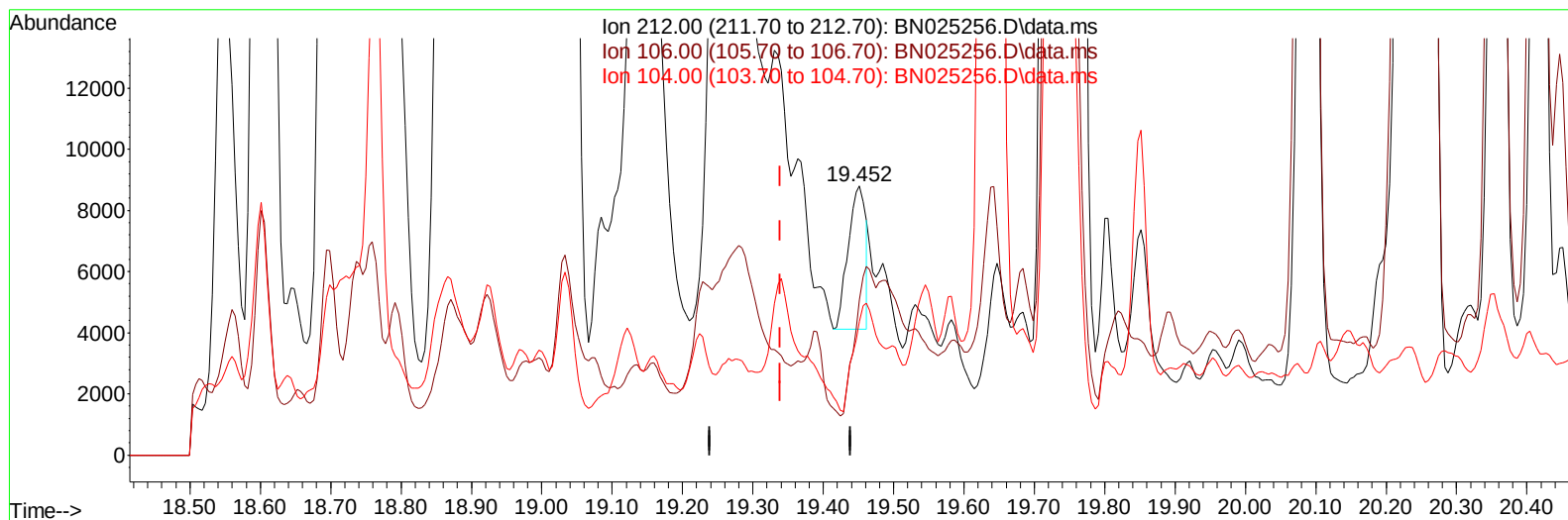
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19.452min (+ 0.113) 0.15 ng/u1

response 7986

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	16.10	0.00#
104.00	9.00	0.00#
0.00	0.00	0.00

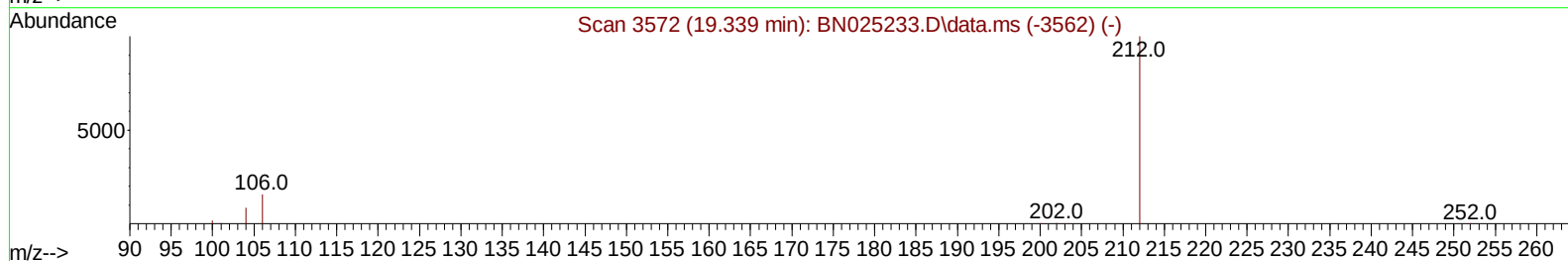
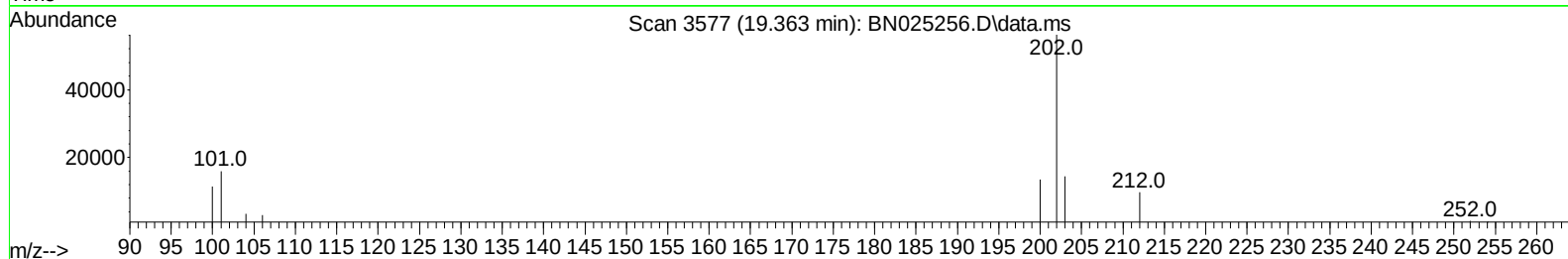
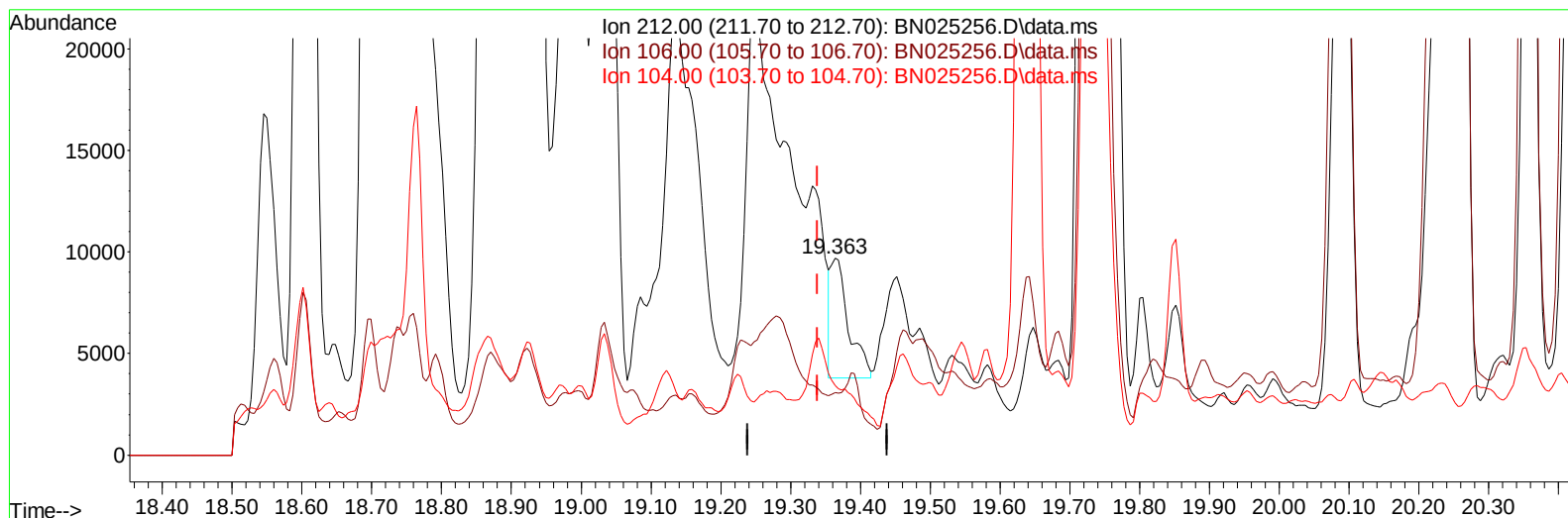
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025256.D
Acq On : 04 May 2023 01:05
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Sample : 02447-11
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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TIC: BN025256.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.363min (+ 0.025) 0.19 ng/ul m

response 10297

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	16.10	0.00#
104.00	9.00	0.00#
0.00	0.00	0.00

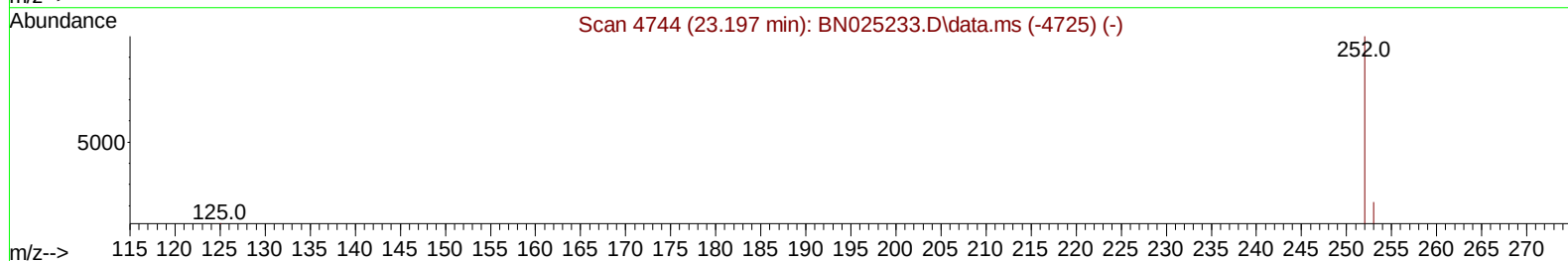
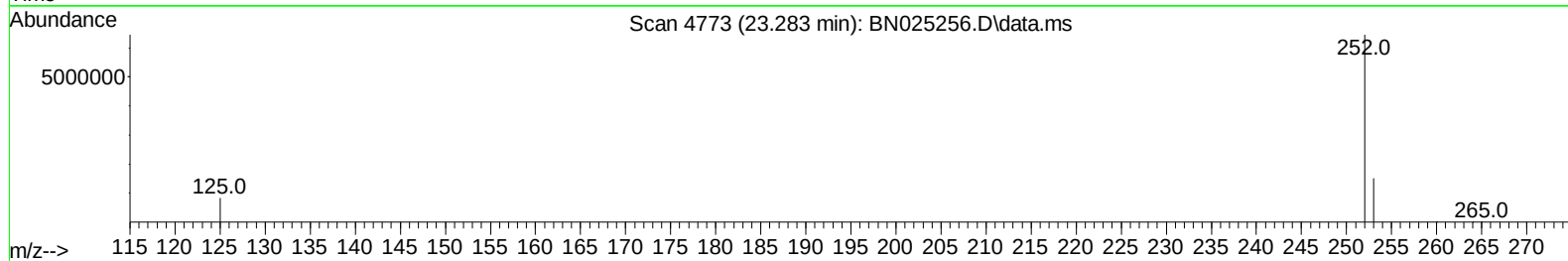
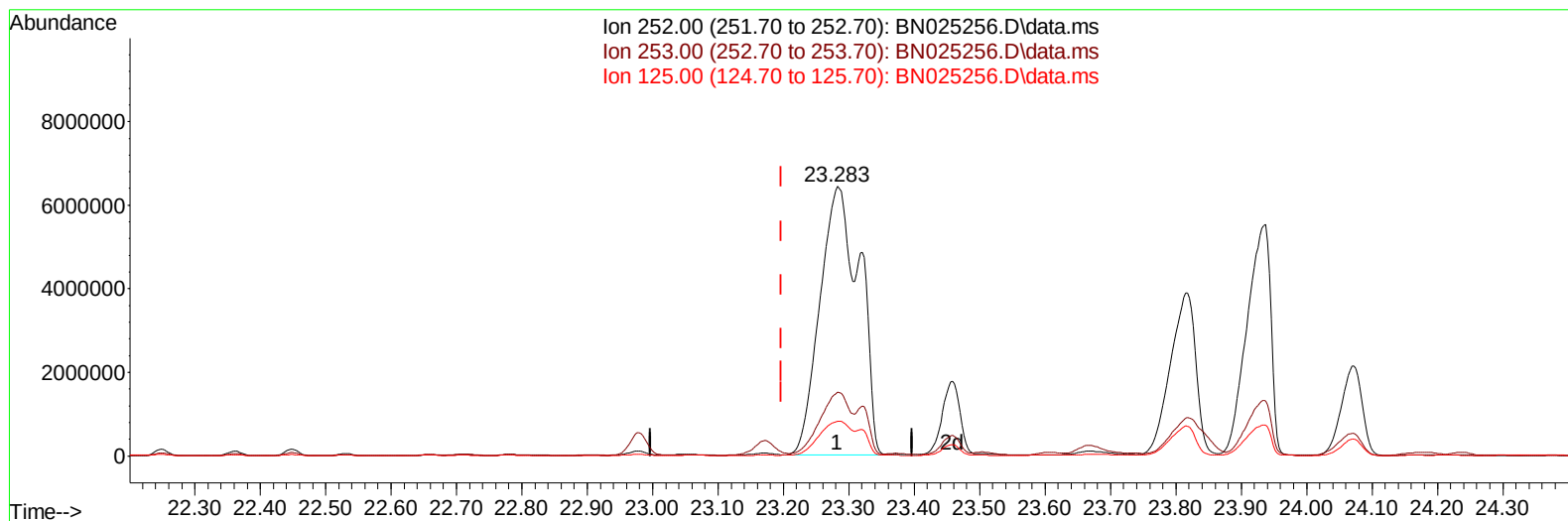
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025256.D
Acq On : 04 May 2023 01:05
Operator : CG/JU
Sample : 02447-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW917

Manual IntegrationsAPPROVED

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TIC: BN025256.D\data.ms

(24) Benzo(b)fluoranthene

23.283min (+ 0.086) 128.84 ng/ul

response 27135925

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.61
125.00	15.20	12.90
0.00	0.00	0.00

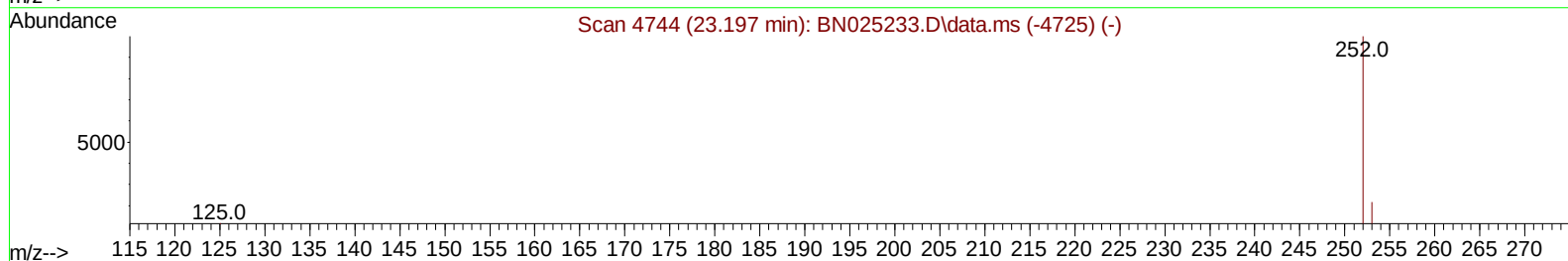
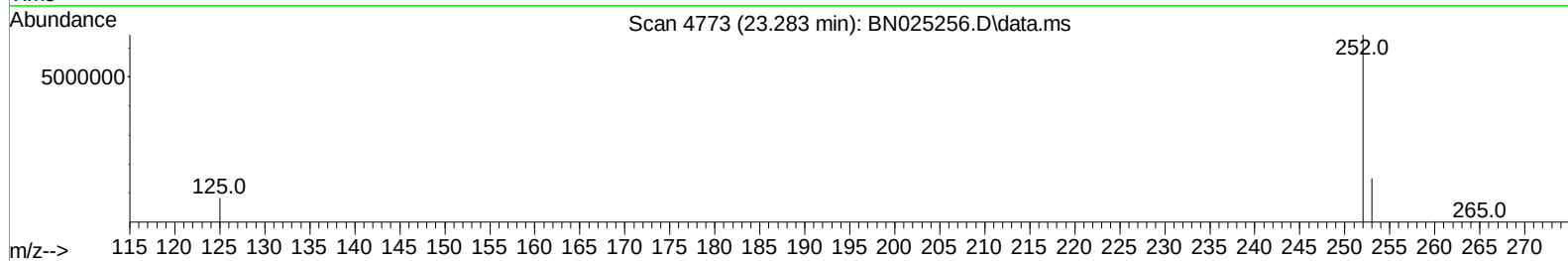
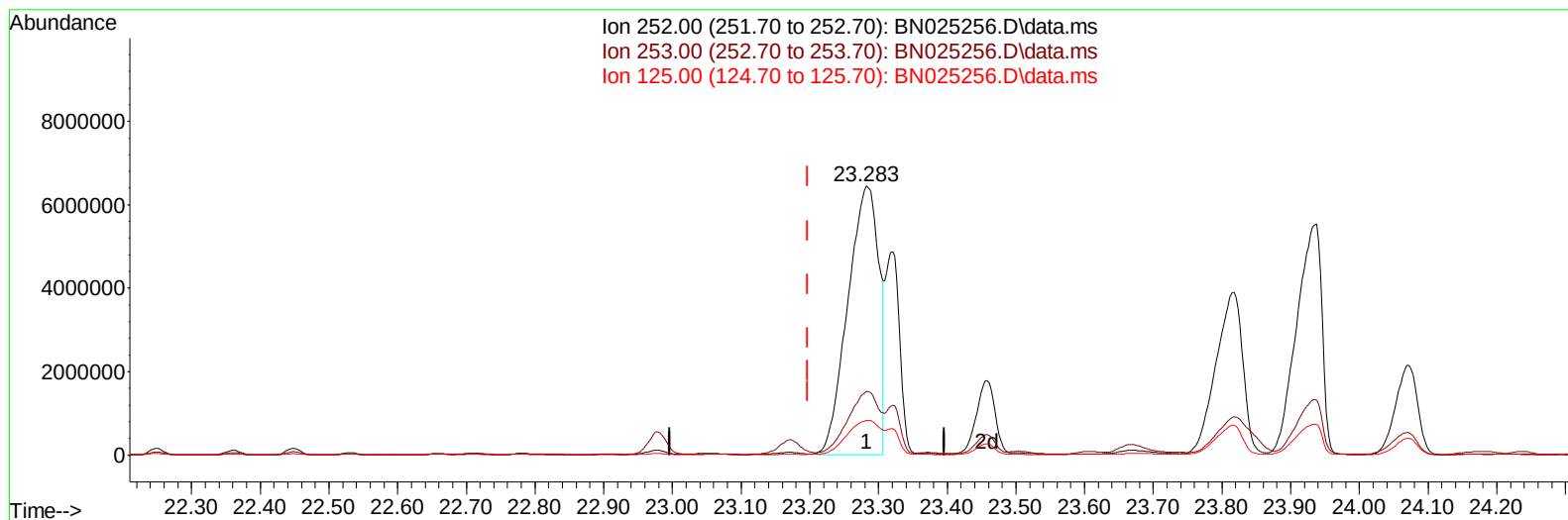
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025256.D
Acq On : 04 May 2023 01:05
Operator : CG/JU
Sample : 02447-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW917

Manual IntegrationsAPPROVED

Quant Time: May 04 05:53:06 2023
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TIC: BN025256.D\data.ms

(24) Benzo(b)fluoranthene

23.283min (+ 0.086) 95.62 ng/ul m

response 20139861

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.61
125.00	15.20	12.90
0.00	0.00	0.00

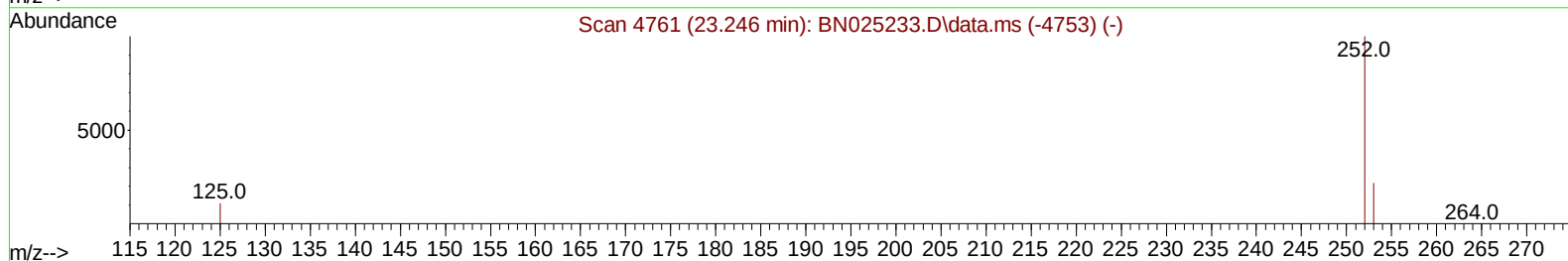
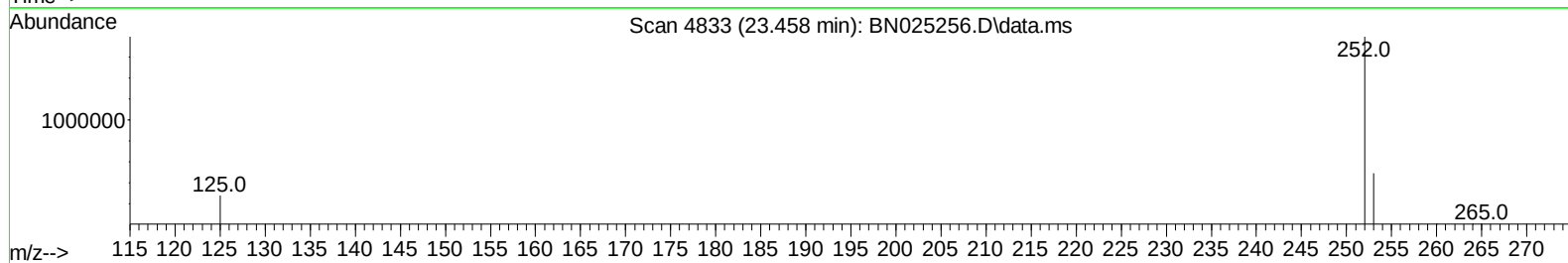
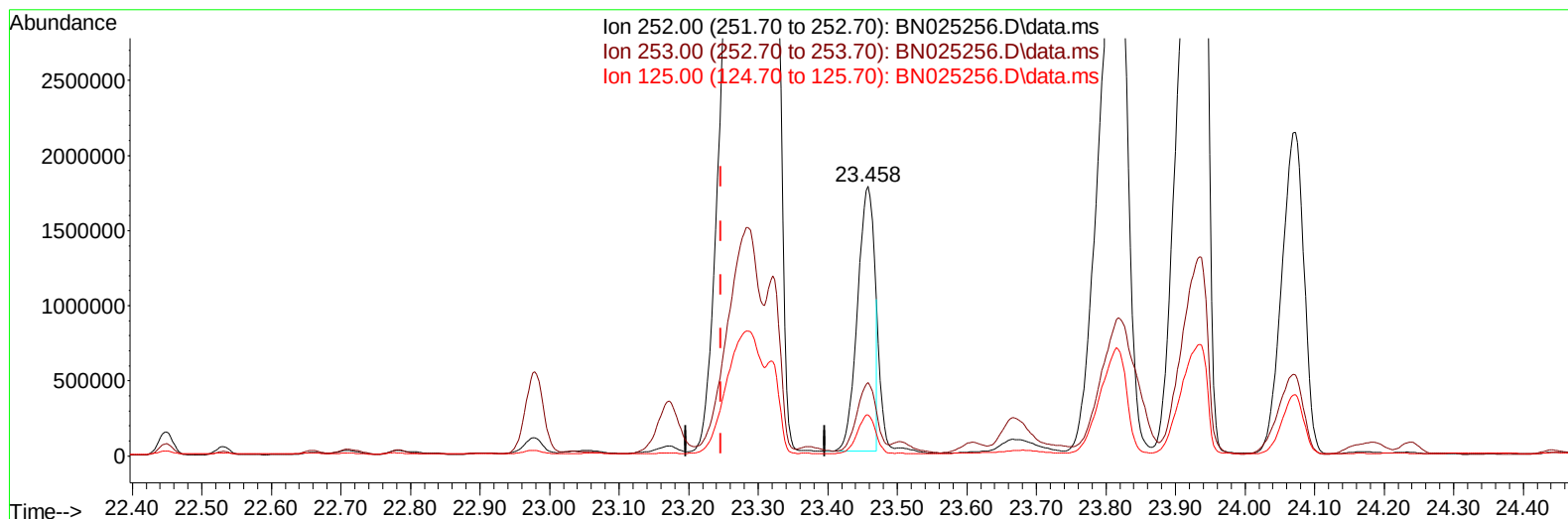
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025256.D
 Acq On : 04 May 2023 01:05
 Operator : CG/JU
 Sample : 02447-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW917

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 QLast Update : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BN025256.D\data.ms

(25) Benzo(k)fluoranthene

23.458min (+ 0.212) 14.70 ng/ul

response 2977576

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	27.23
125.00	14.80	15.32
0.00	0.00	0.00

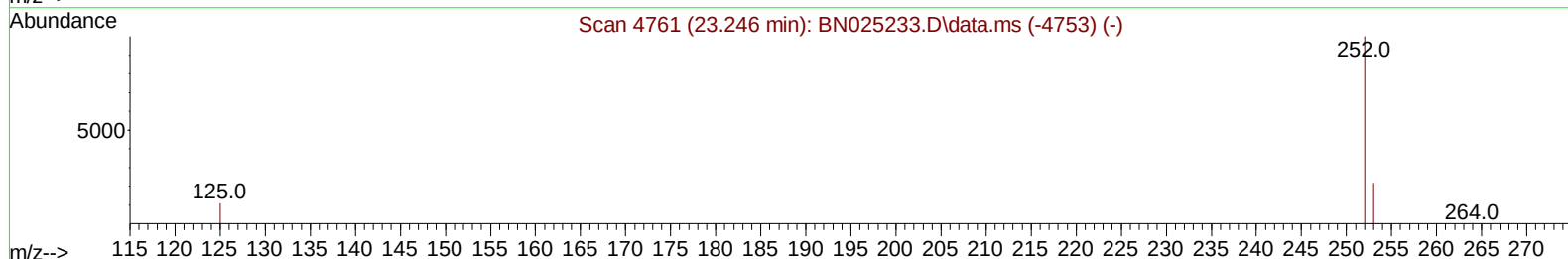
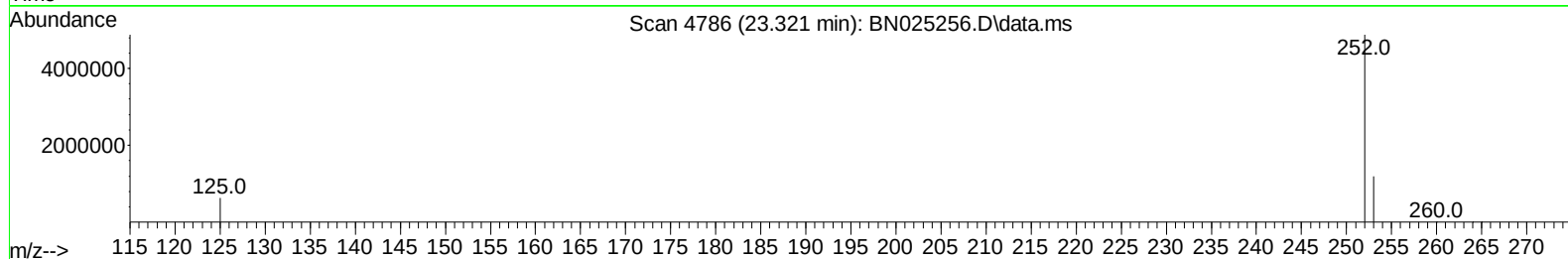
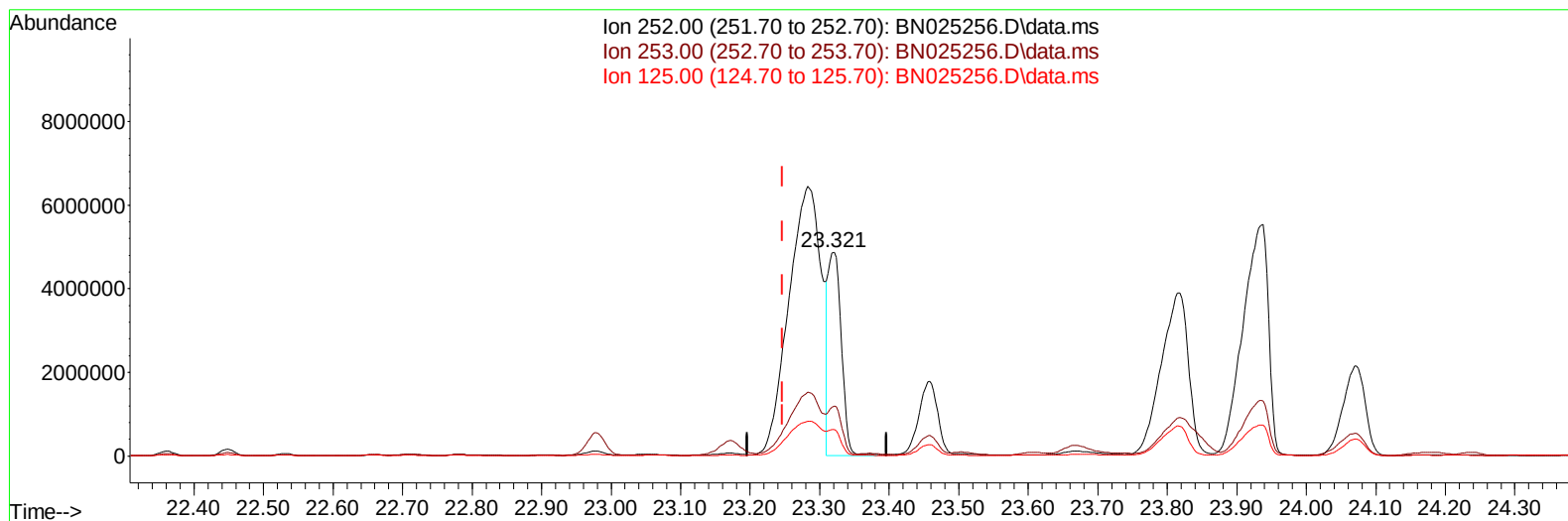
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025256.D
Acq On : 04 May 2023 01:05
Operator : CG/JU
Sample : 02447-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW917

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
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TIC: BN025256.D\data.ms

(25) Benzo(k)fluoranthene

23.321min (+ 0.074) 32.02 ng/ul m

response 6487941

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	24.59
125.00	14.80	12.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025256.D
 Acq On : 04 May 2023 01:05
 Operator : CG/JU
 Sample : 02447-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW917

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	5113	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	17207	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.570	164	14173	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.330	188	26057	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.549	240	20172	0.400	ng/ul	# 0.05
23) Perylene-d12	24.028	264	51914	0.400	ng/ul	# 0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	10467	1.977	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	3528	0.160	ng/ul	0.01
18) Fluoranthene-d10	19.363	212	10297m	0.194	ng/ul	0.02
Target Compounds				Qvalue		
5) Naphthalene	10.781	128	348171	7.897	ng/ul	100
7) 2-Methylnaphthalene	12.398	142	203358	7.531	ng/ul	100
8) 1-Methylnaphthalene	12.612	142	211231	7.338	ng/ul	100
10) Acenaphthylene	14.293	152	3263846	61.817	ng/ul	100
11) Acenaphthene	14.635	153	749559	16.842	ng/ul	97
12) Fluorene	15.625	166	1568753	31.530	ng/ul	100
15) Phenanthrene	17.381	178	18417306	250.408	ng/ul	93
16) Anthracene	17.469	178	6716960	111.635	ng/ul	100
19) Fluoranthene	19.401	202	26024487	356.765	ng/ul#	91
20) Pyrene	19.768	202	24339408	324.752	ng/ul#	87
21) Benzo(a)anthracene	21.529	228	16392700	269.680	ng/ul	91
22) Chrysene	21.593	228	16234315	244.827	ng/ul#	92
24) Benzo(b)fluoranthene	23.283	252	20139861m	95.621	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	6487941m	32.025	ng/ul	
26) Benzo(a)pyrene	23.938	252	14080276	80.798	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.638	276	10875932	54.167	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.631	278	3386369	21.592	ng/ul	98
29) Benzo(g,h,i)perylene	27.440	276	9415735	55.151	ng/ul	99

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

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