

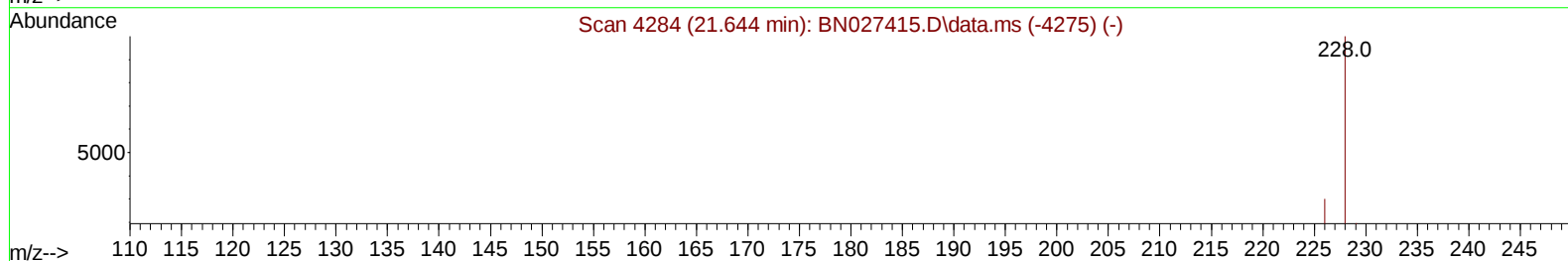
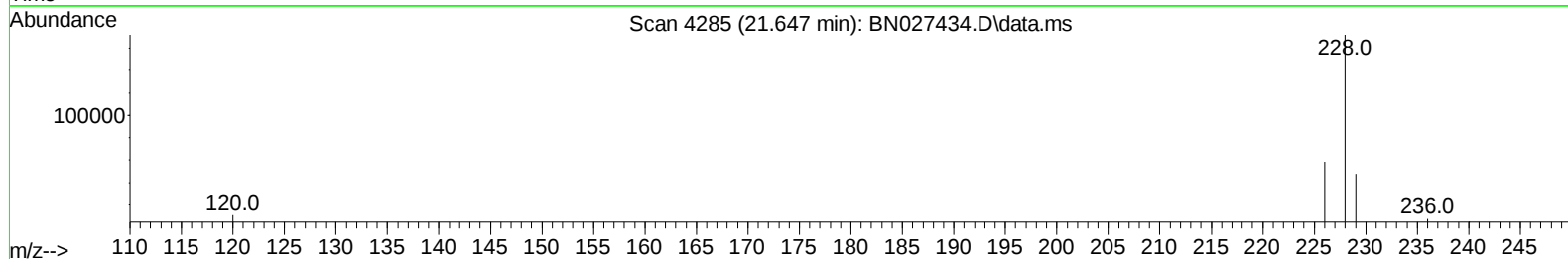
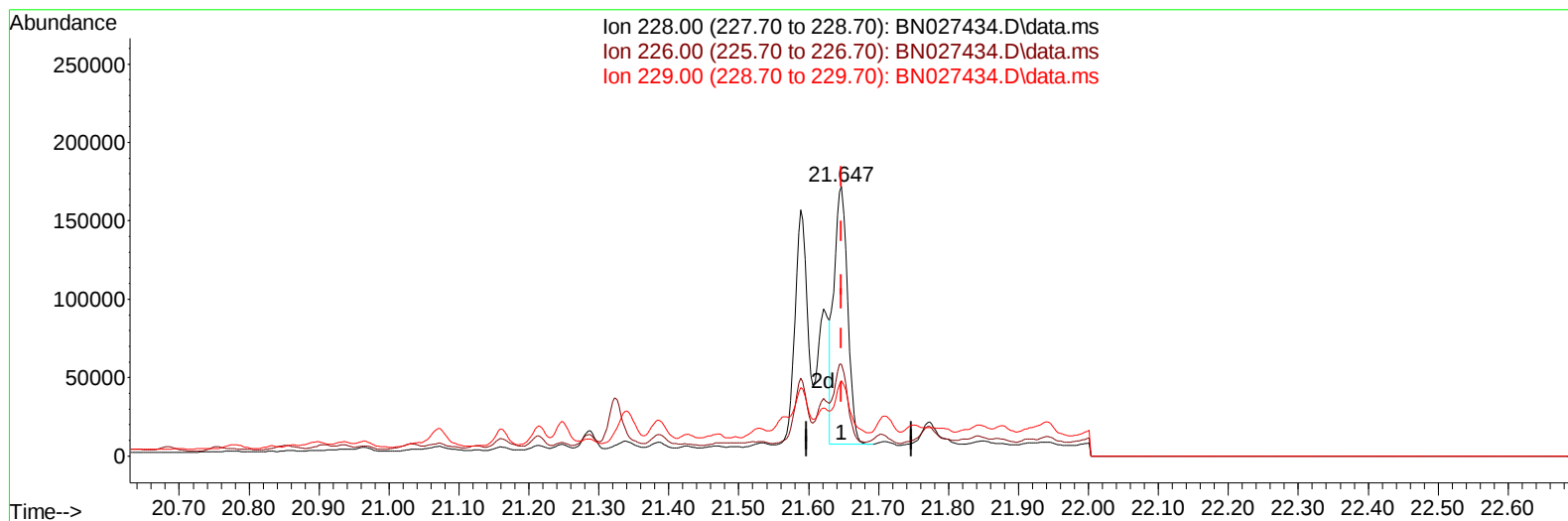
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027434.D
 Acq On : 07 Sep 2023 09:15
 Operator : MA/JU
 Sample : 04113-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL1

Manual IntegrationsAPPROVED

Quant Time: Sep 08 01:55:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023



TIC: BN027434.D\data.ms

(22) Chrysene

21.647min (+ 0.000) 2.52 ng/u1

response 222548

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	34.01
229.00	19.50	27.88#
0.00	0.00	0.00

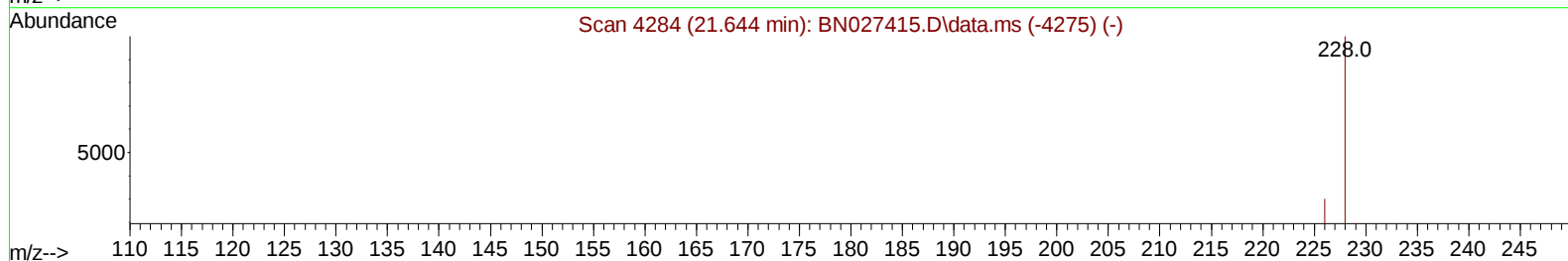
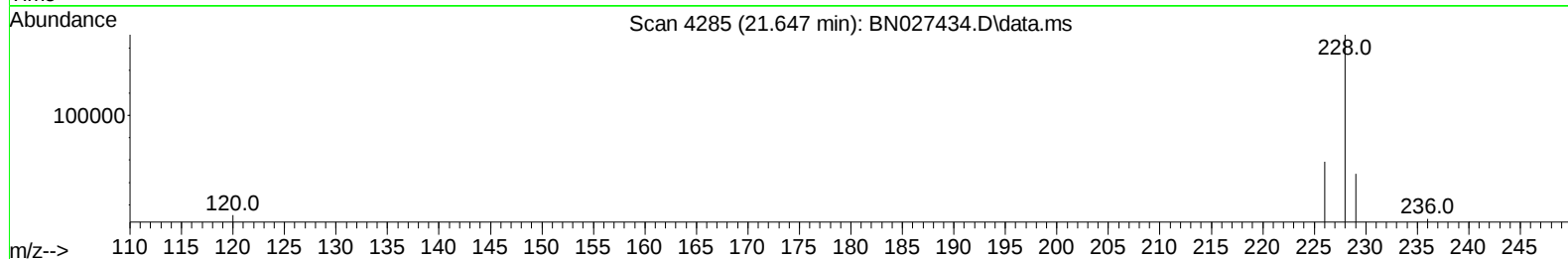
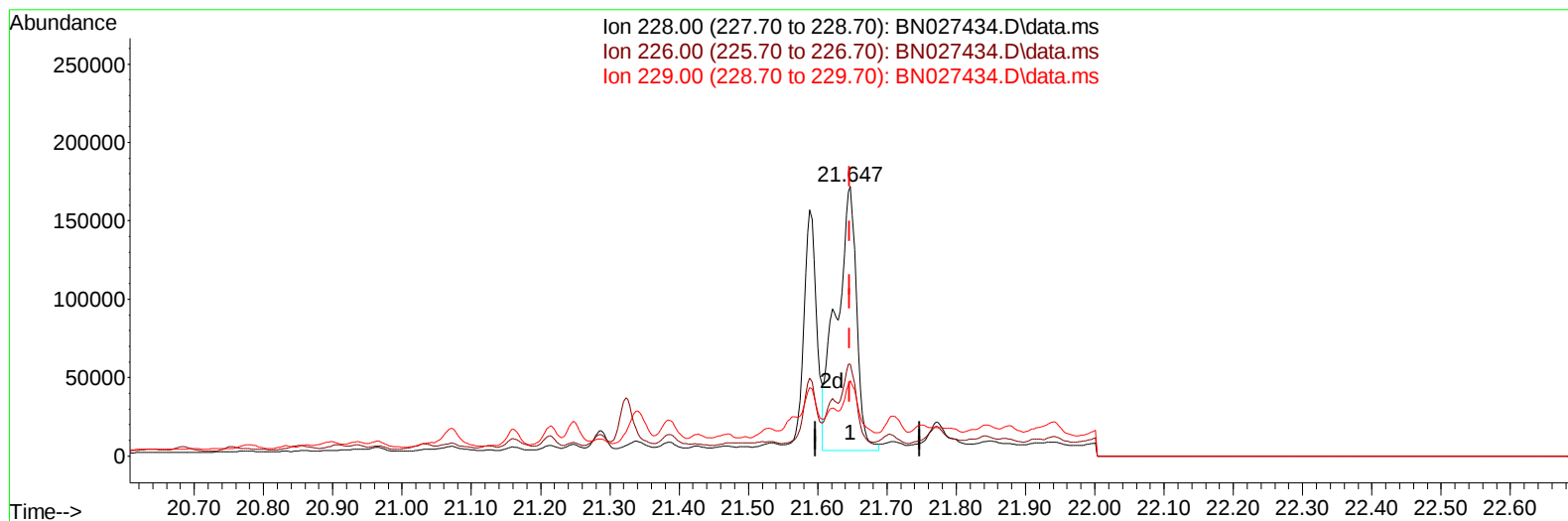
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027434.D
 Acq On : 07 Sep 2023 09:15
 Operator : MA/JU
 Sample : 04113-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL1

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023



TIC: BN027434.D\data.ms

(22) Chrysene

21.647min (+ 0.000) 3.85 ng/ul m

response 340424

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	34.01
229.00	19.50	27.88#
0.00	0.00	0.00

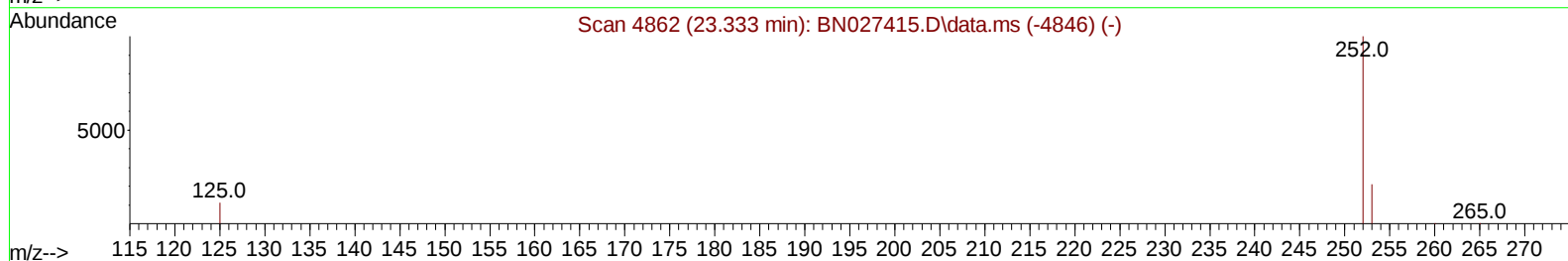
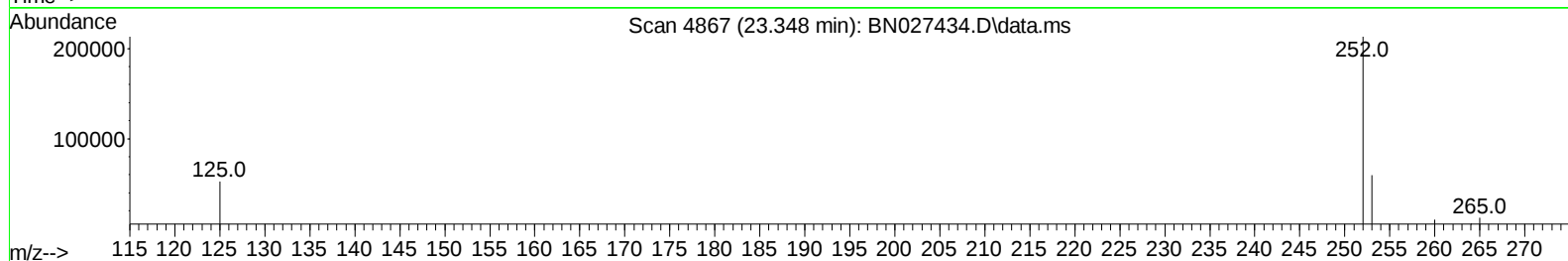
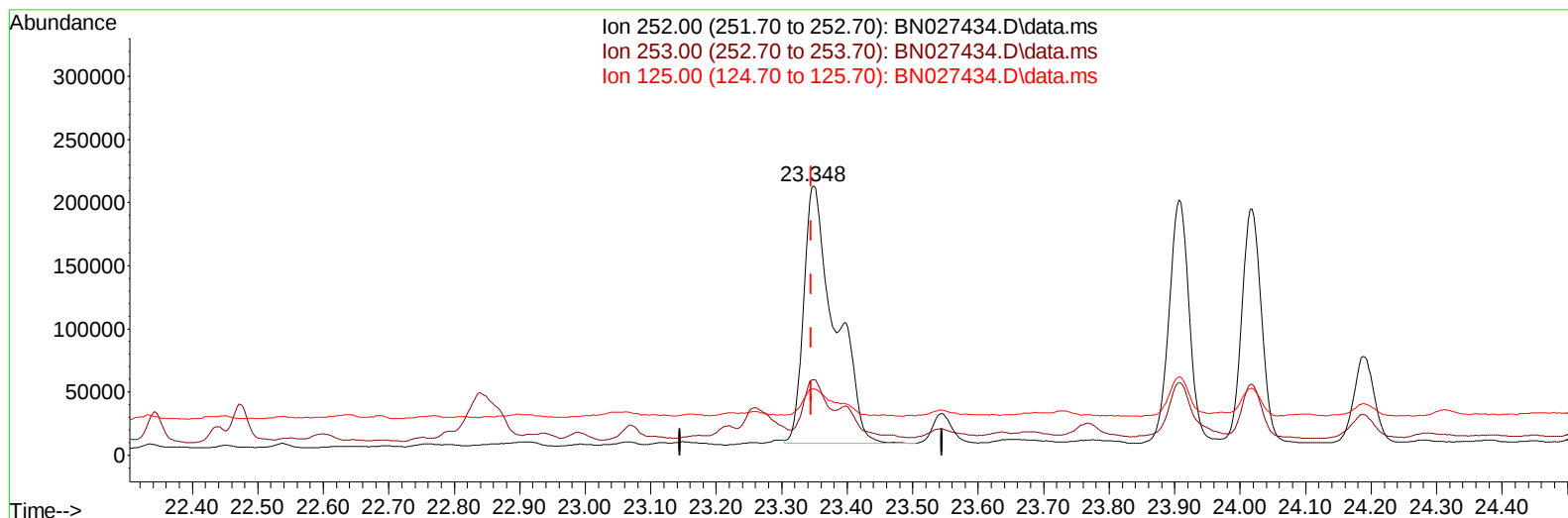
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027434.D
Acq On : 07 Sep 2023 09:15
Operator : MA/JU
Sample : 04113-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZY1

Manual IntegrationsAPPROVED

Quant Time: Sep 08 01:55:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
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TIC: BN027434.D\data.ms

(24) Benzo(b)fluoranthene

23.348min (+ 0.003) 5.68 ng/u1

response 676494

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.80	28.06
125.00	16.90	24.64
0.00	0.00	0.00

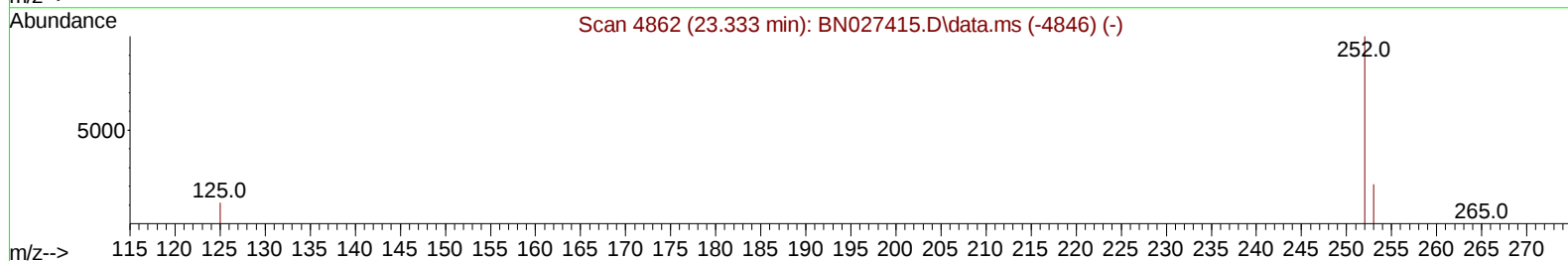
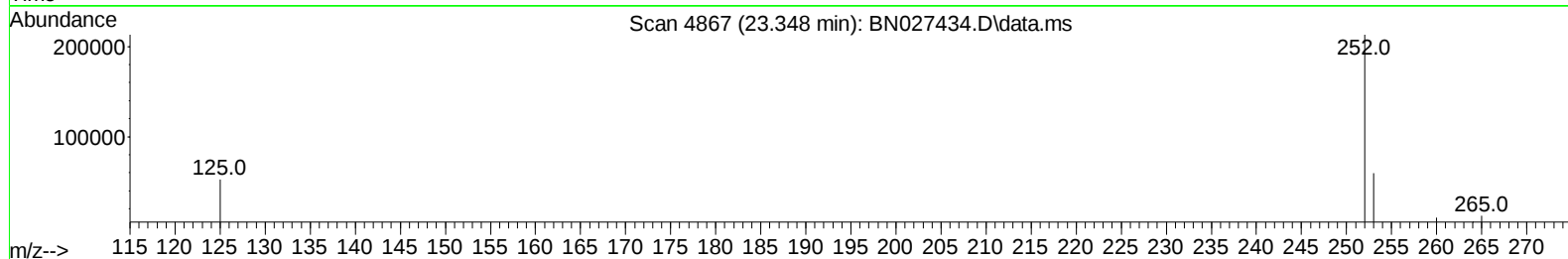
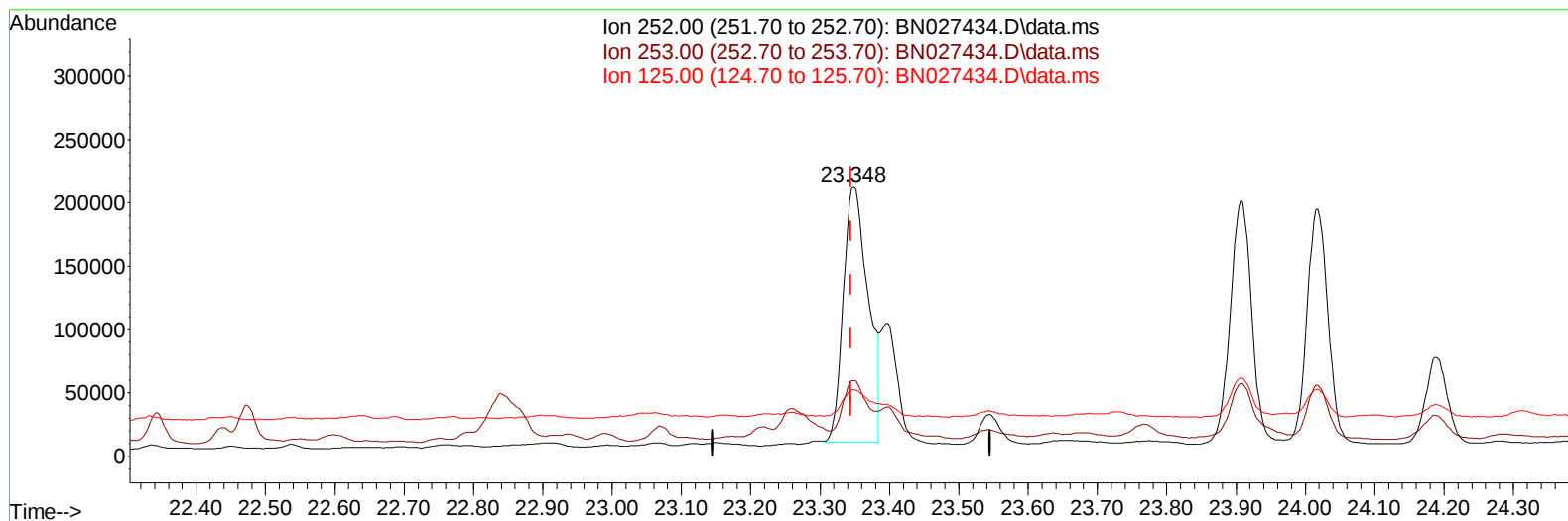
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027434.D
Acq On : 07 Sep 2023 09:15
Operator : MA/JU
Sample : 04113-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZYLI

Manual IntegrationsAPPROVED

Quant Time: Sep 08 01:55:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



TIC: BN027434.D\data.ms

(24) Benzo(b)fluoranthene

23.348min (+ 0.003) 4.22 ng/u1 m

response 503219

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.80	28.06
125.00	16.90	24.64
0.00	0.00	0.00

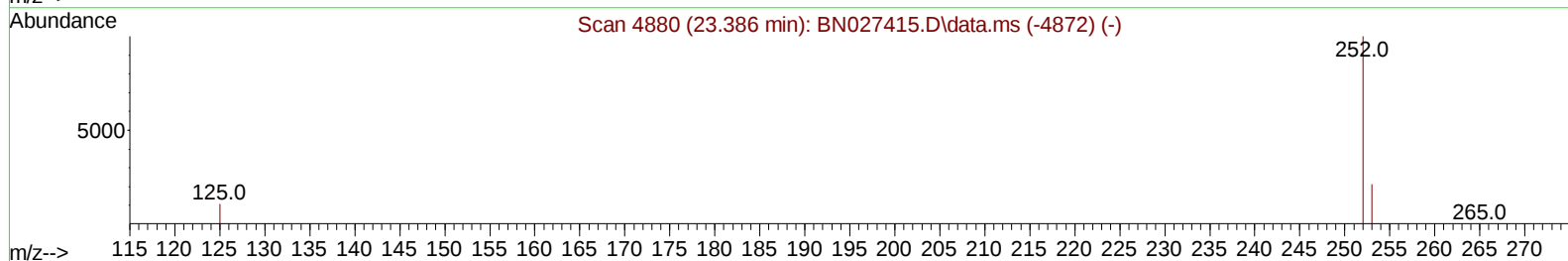
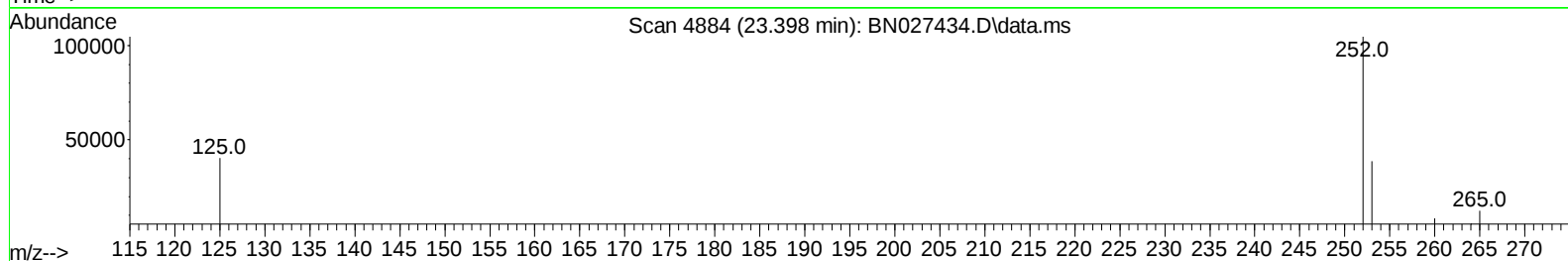
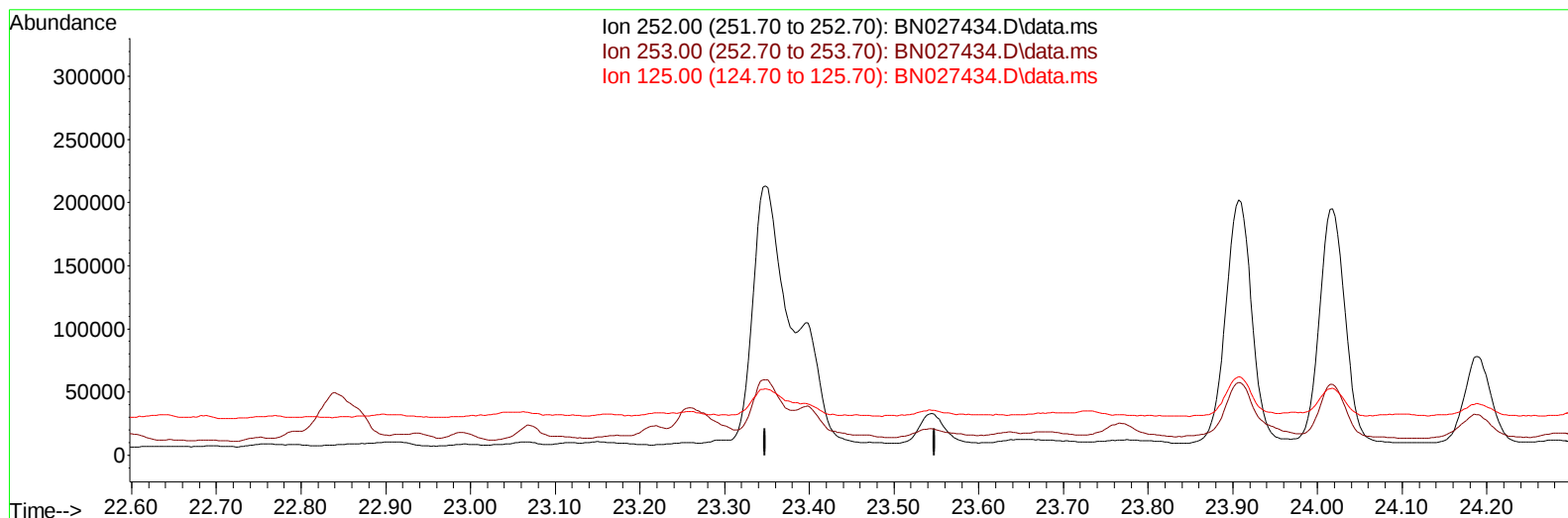
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027434.D
 Acq On : 07 Sep 2023 09:15
 Operator : MA/JU
 Sample : 04113-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL1

Manual IntegrationsAPPROVED

Quant Time: Sep 08 01:55:30 2023
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Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023



TIC: BN027434.D\data.ms

(25) Benzo(k)fluoranthene

23.398min (-23.398) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	24.90	0.00#
125.00	17.00	0.00#
0.00	0.00	0.00

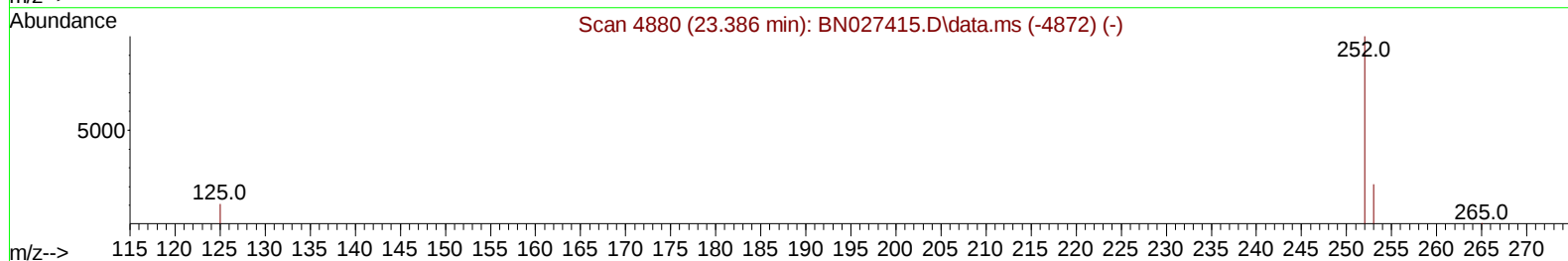
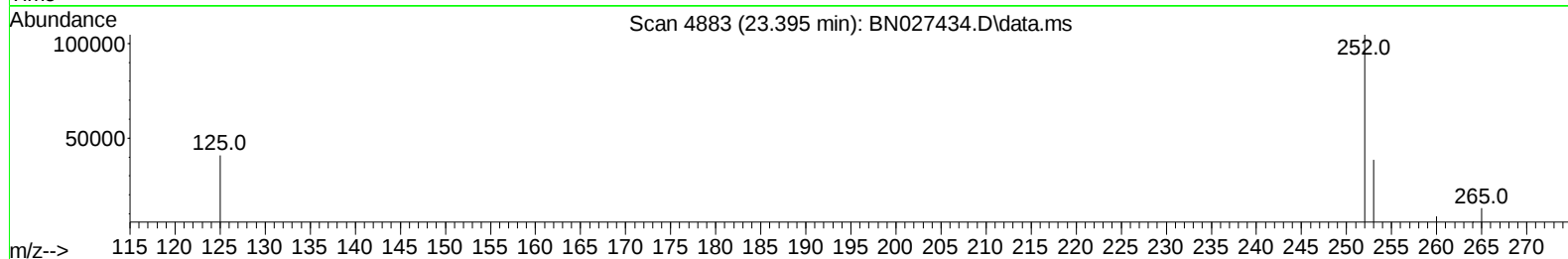
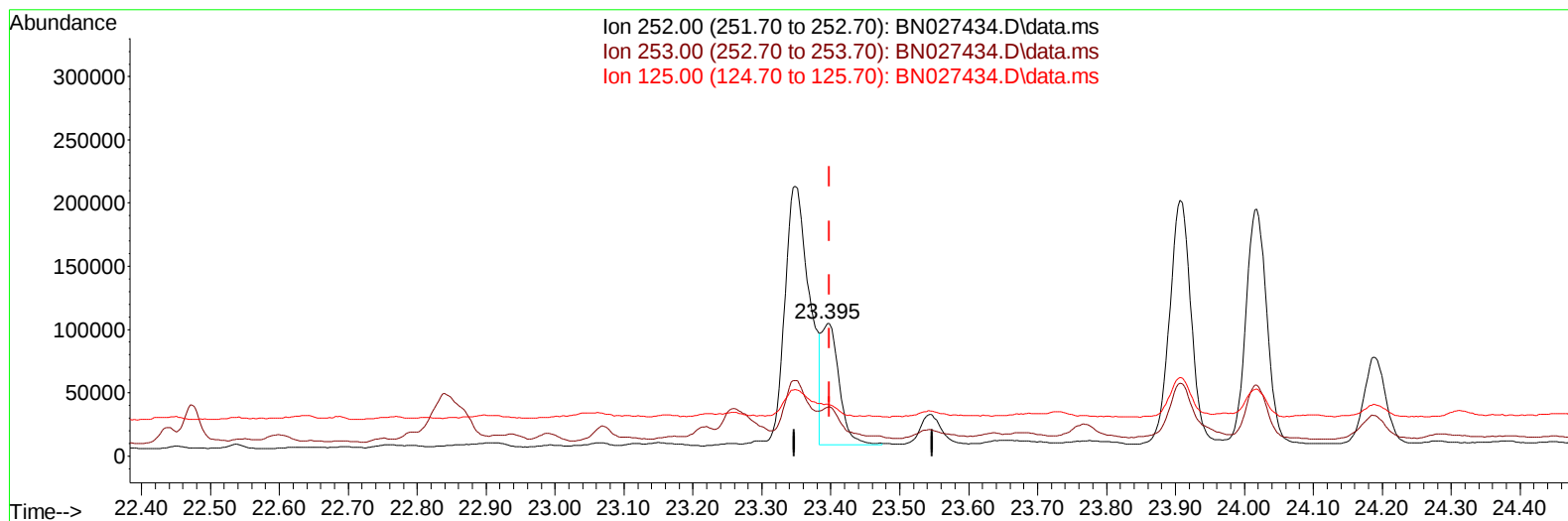
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027434.D
 Acq On : 07 Sep 2023 09:15
 Operator : MA/JU
 Sample : 04113-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL1

Manual IntegrationsAPPROVED

Quant Time: Sep 08 01:55:30 2023
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Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023



TIC: BN027434.D\data.ms

(25) Benzo(k)fluoranthene

23.395min (-0.003) 1.46 ng/ul m

response 169633

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.90	36.92#
125.00	17.00	39.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027434.D
 Acq On : 07 Sep 2023 09:15
 Operator : MA/JU
 Sample : 04113-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	8173	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.867	136	27250	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.675	164	16253	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.426	188	34306	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.606	240	21035	0.400	ng/ul	# 0.00
23) Perylene-d12	24.135	264	25233	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	18947	1.743	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.440	152	5946	0.144	ng/ul	-0.02
18) Fluoranthene-d10	19.446	212	12311	0.171	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.916	128	38026	0.481	ng/ul	100
7) 2-Methylnaphthalene	12.517	142	47058	0.952	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	16634	0.316	ng/ul	99
10) Acenaphthylene	14.407	152	10426	0.140	ng/ul#	85
11) Acenaphthene	14.740	153	8960	0.140	ng/ul	96
12) Fluorene	15.725	166	4960	0.069	ng/ul#	74
15) Phenanthrene	17.468	178	120450	1.078	ng/ul	98
16) Anthracene	17.561	178	27946	0.315	ng/ul#	89
19) Fluoranthene	19.473	202	283124	2.927	ng/ul	97
20) Pyrene	19.841	202	401772	4.079	ng/ul	99
21) Benzo(a)anthracene	21.589	228	189301	2.498	ng/ul#	88
22) Chrysene	21.647	228	340424m	3.848	ng/ul	
24) Benzo(b)fluoranthene	23.348	252	503219m	4.223	ng/ul	
25) Benzo(k)fluoranthene	23.395	252	169633m	1.456	ng/ul	
26) Benzo(a)pyrene	24.018	252	391844	4.210	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.797	276	312464	3.023	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.804	278	86592	1.096	ng/ul#	24
29) Benzo(g,h,i)perylene	27.642	276	445543	4.776	ng/ul	96

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

