

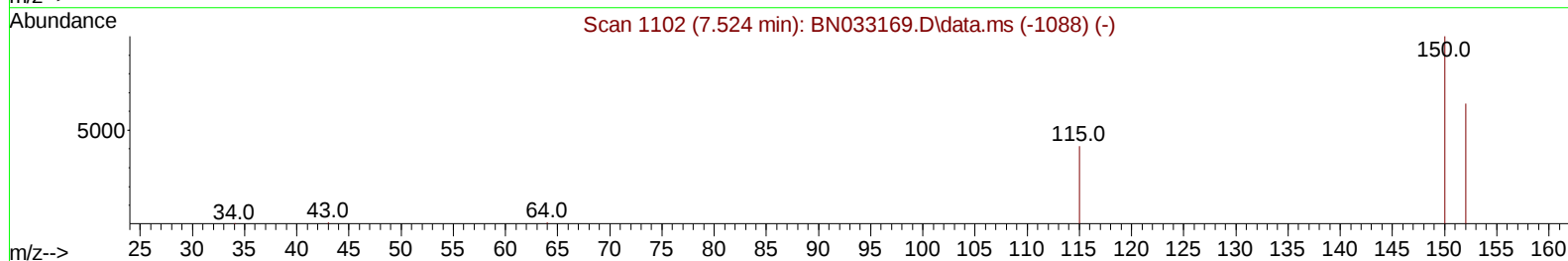
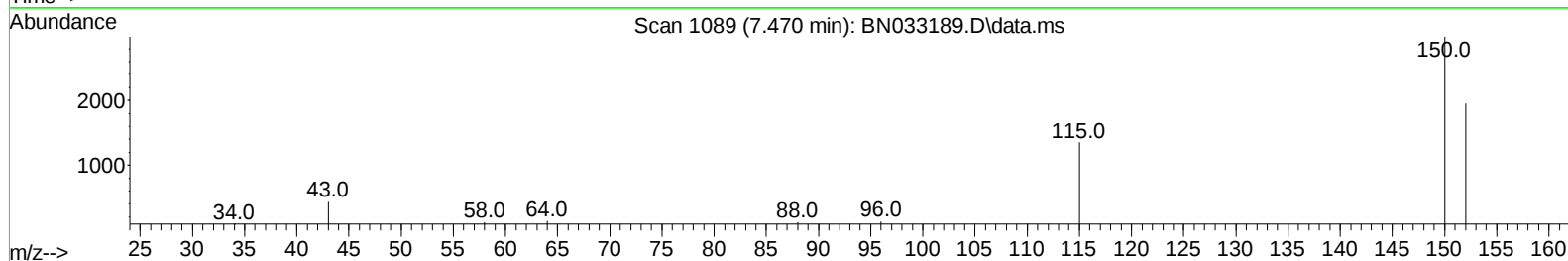
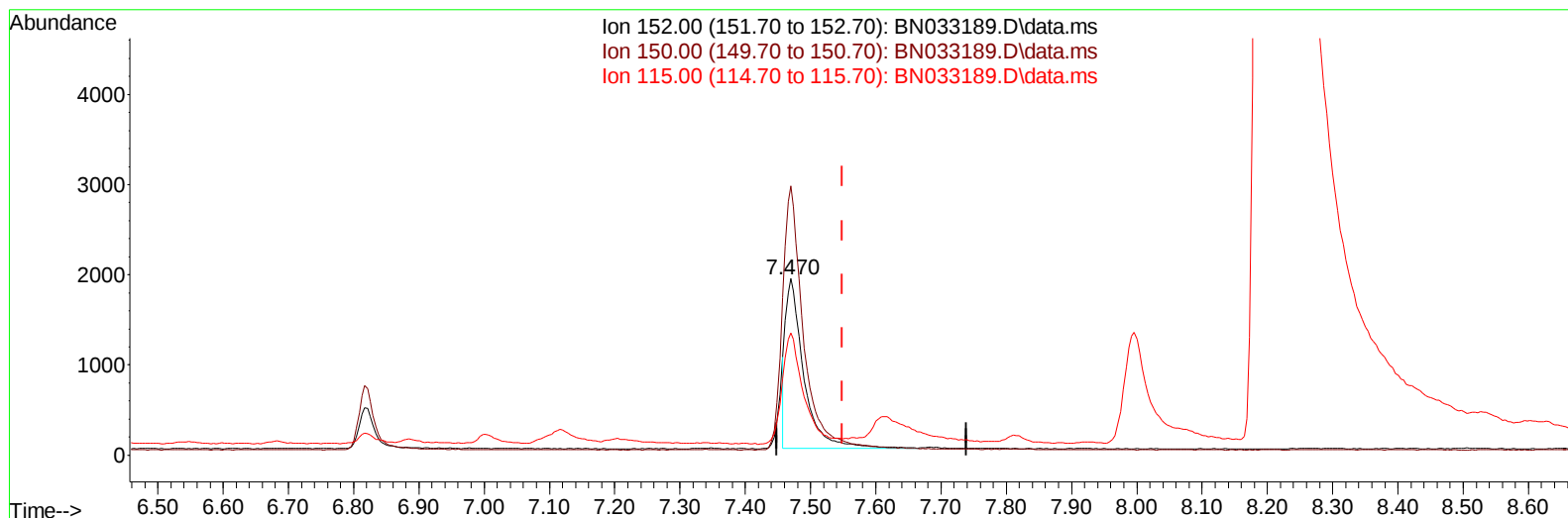
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

Quant Time: Aug 02 05:40:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033189.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.470min (-0.079) 0.40 ng/u1

response 3647

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	152.51
115.00	84.50	69.22
0.00	0.00	0.00

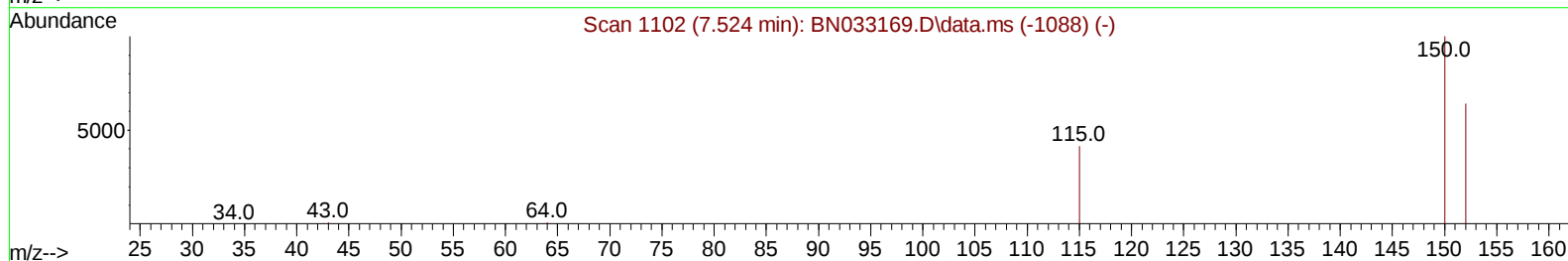
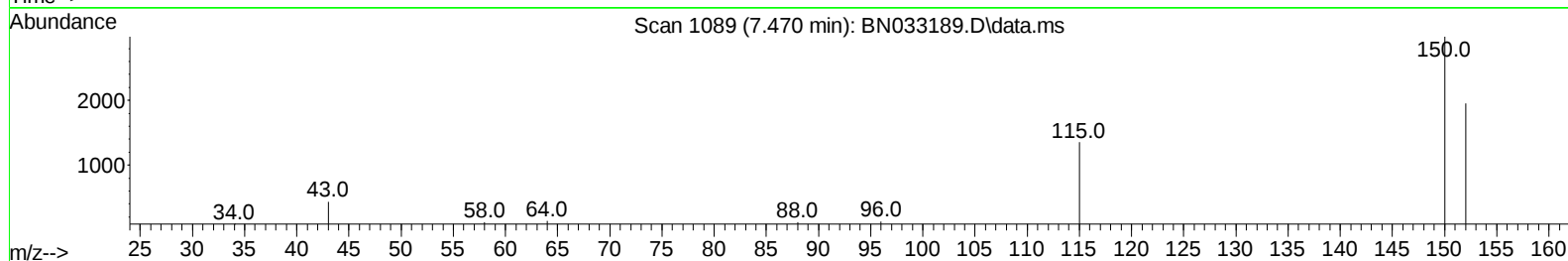
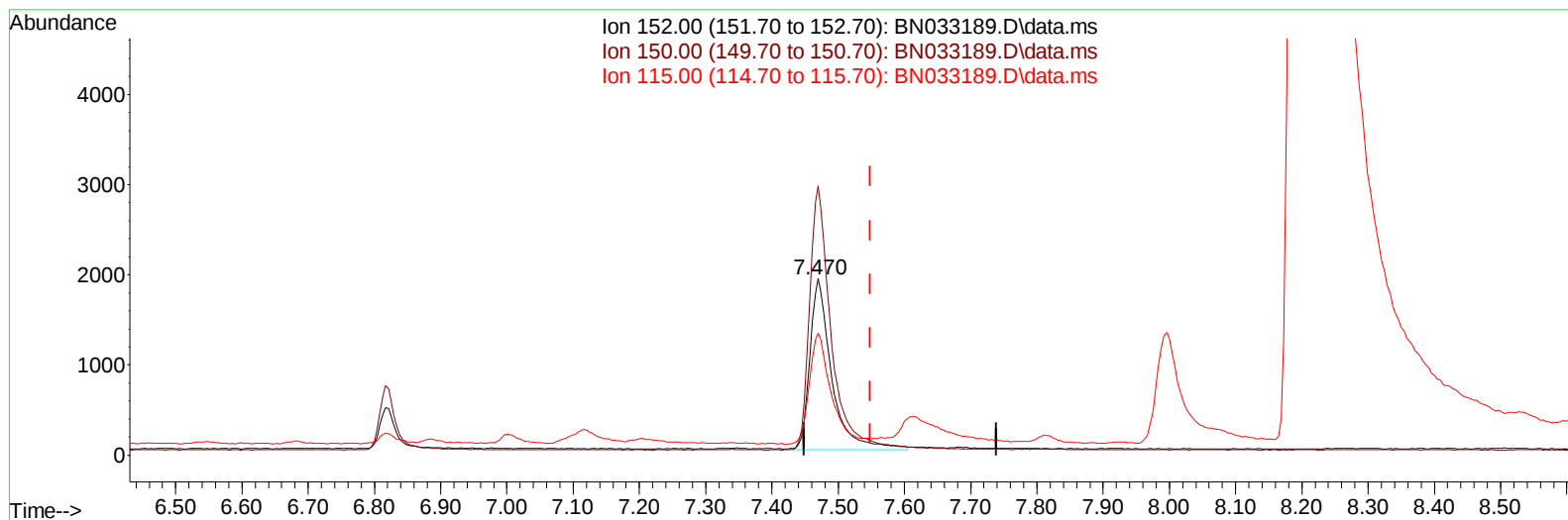
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

Quant Time: Aug 02 05:40:24 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033189.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.470min (-0.079) 0.40 ng/ul m

response 4301

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	152.51
115.00	84.50	69.22
0.00	0.00	0.00

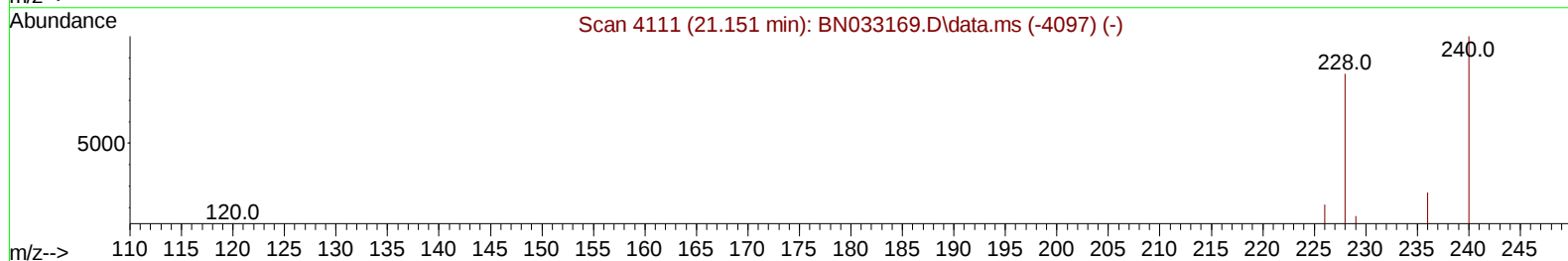
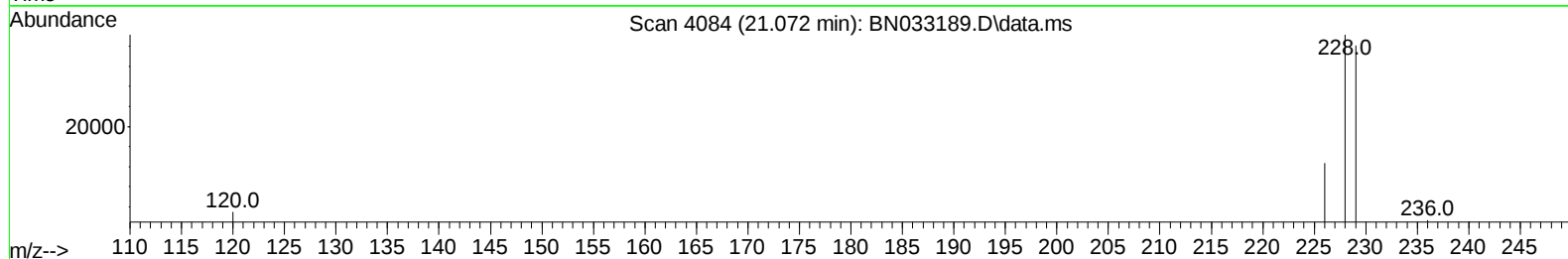
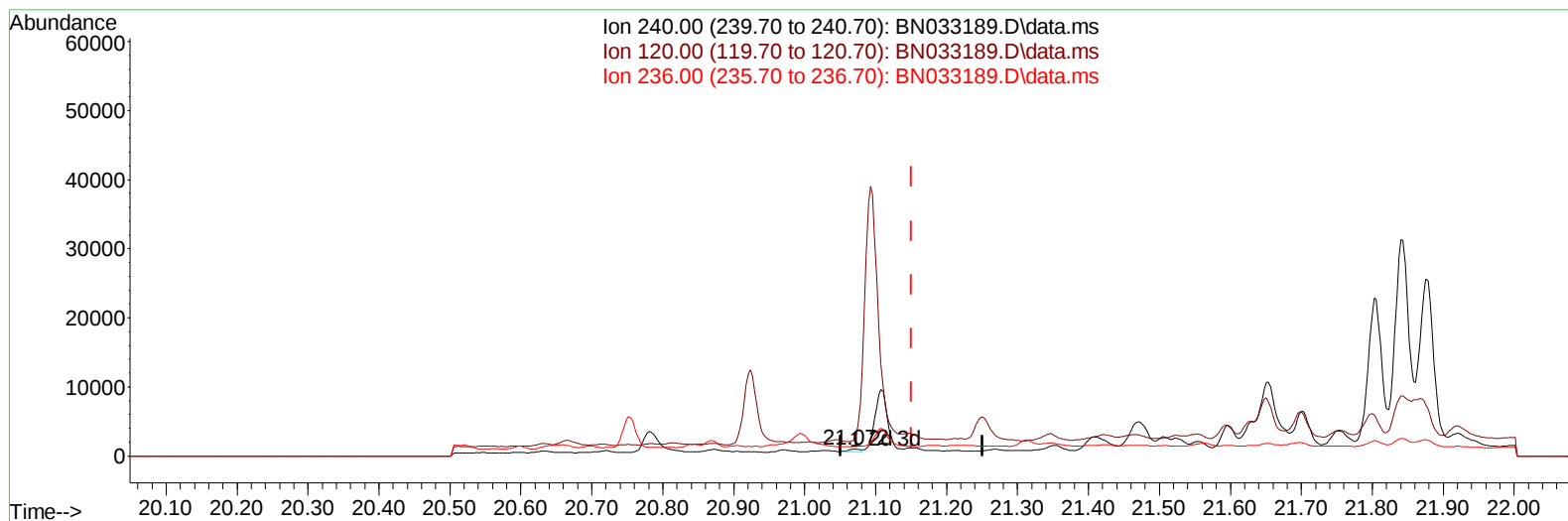
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

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TIC: BN033189.D\data.ms

(17) Chrysene-d12

21.072min (-0.079) 0.40 ng/u1

response 409

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	304.12#
236.00	29.50	141.15#
0.00	0.00	0.00

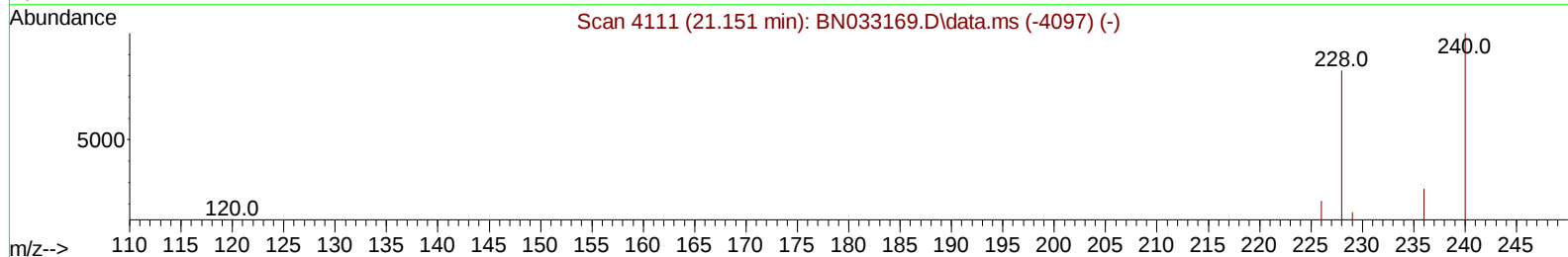
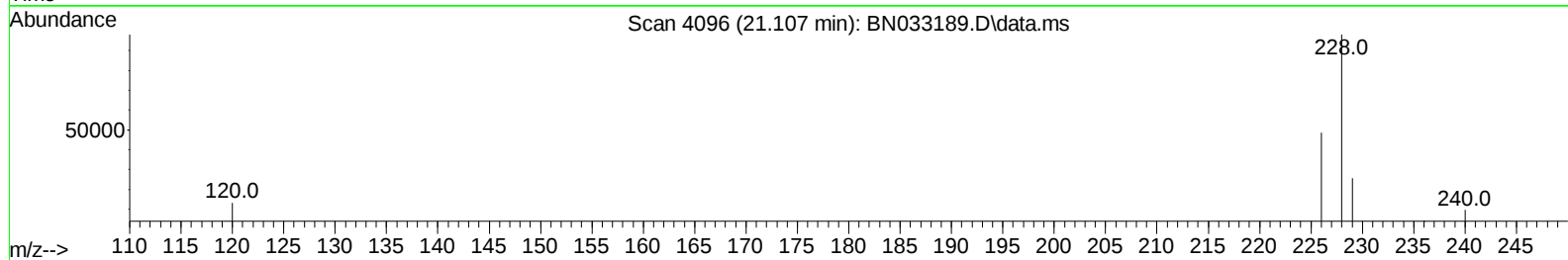
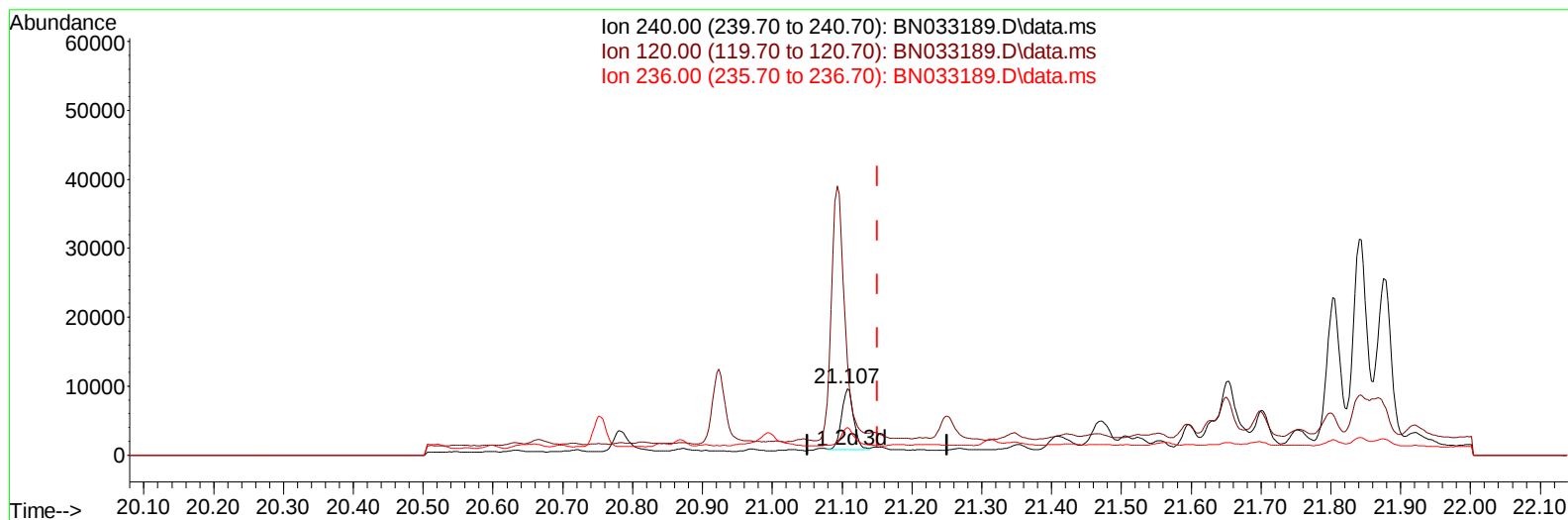
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

Quant Time: Aug 02 05:40:24 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

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TIC: BN033189.D\data.ms

(17) Chrysene-d12

21.107min (-0.044) 0.40 ng/ul m

response 10701

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	138.74#
236.00	29.50	41.48#
0.00	0.00	0.00

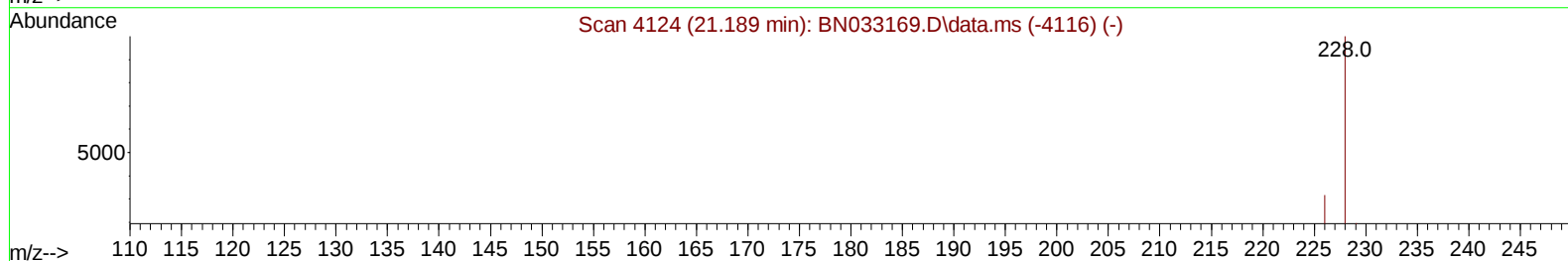
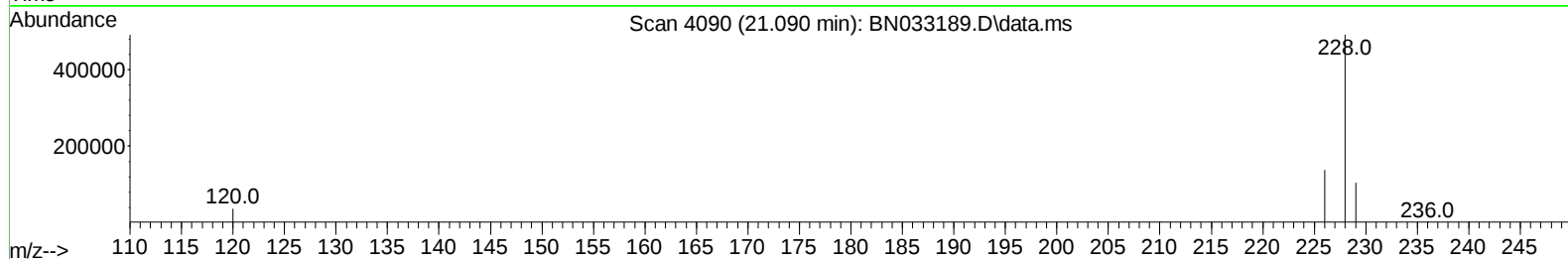
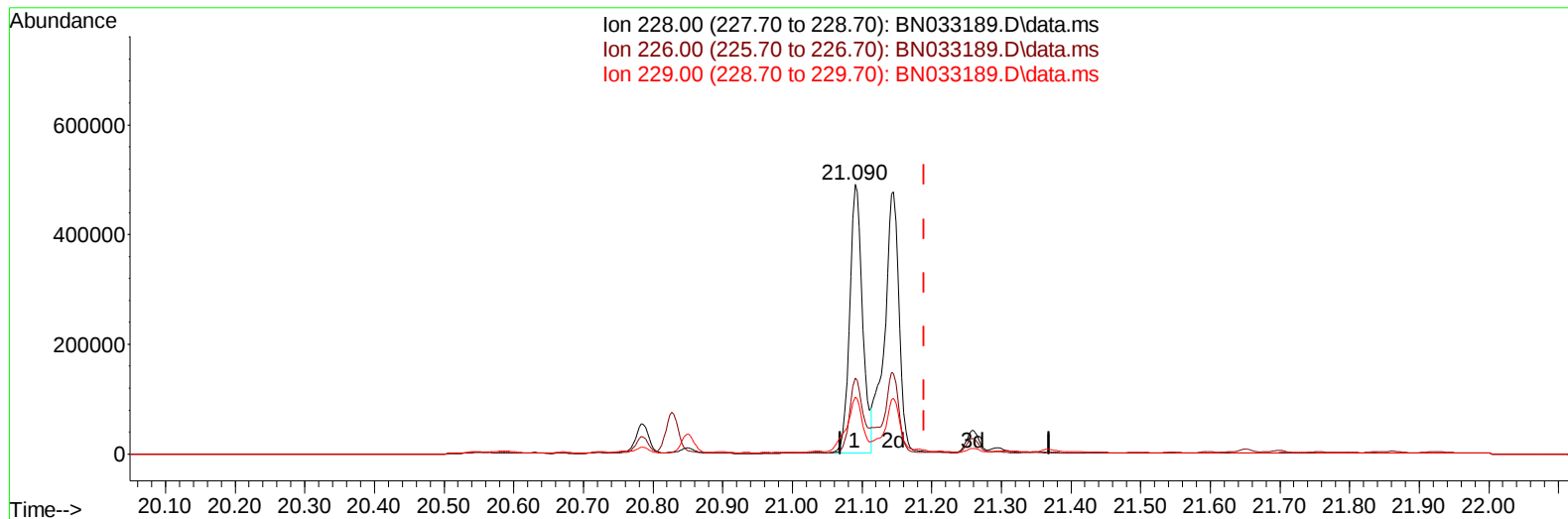
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

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TIC: BN033189.D\data.ms

(22) Chrysene

21.090min (-0.099) 14.65 ng/u1

response 624135

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	28.19
229.00	21.30	21.13
0.00	0.00	0.00

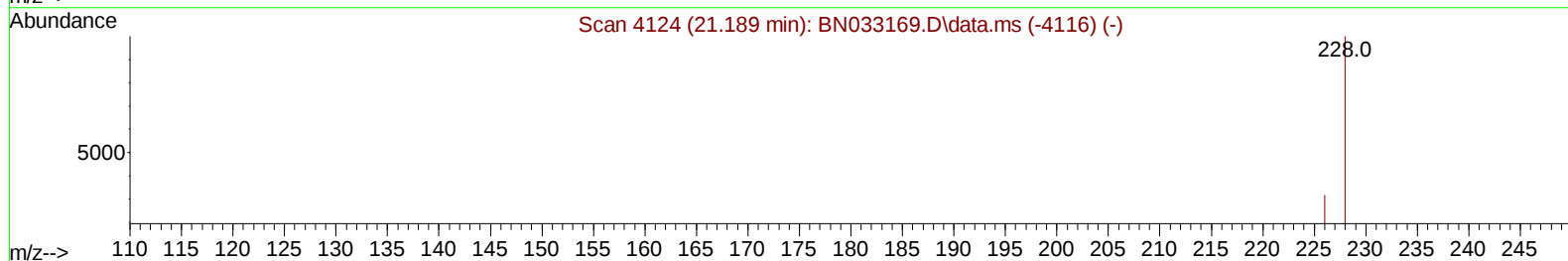
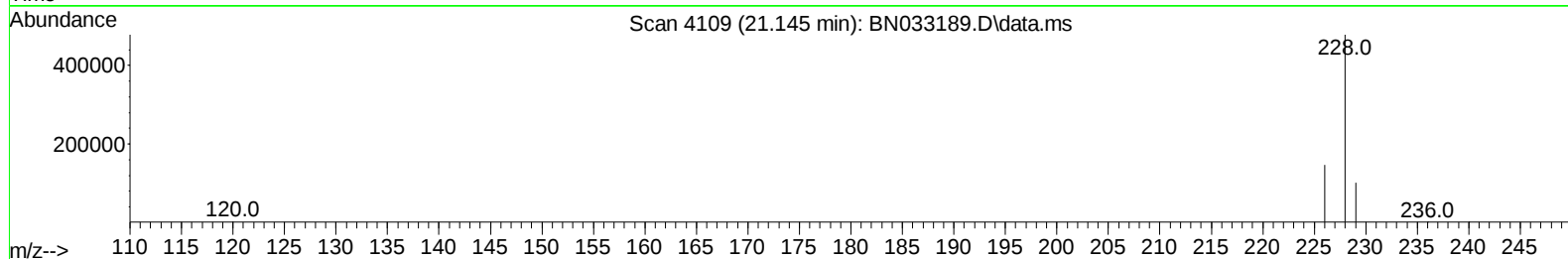
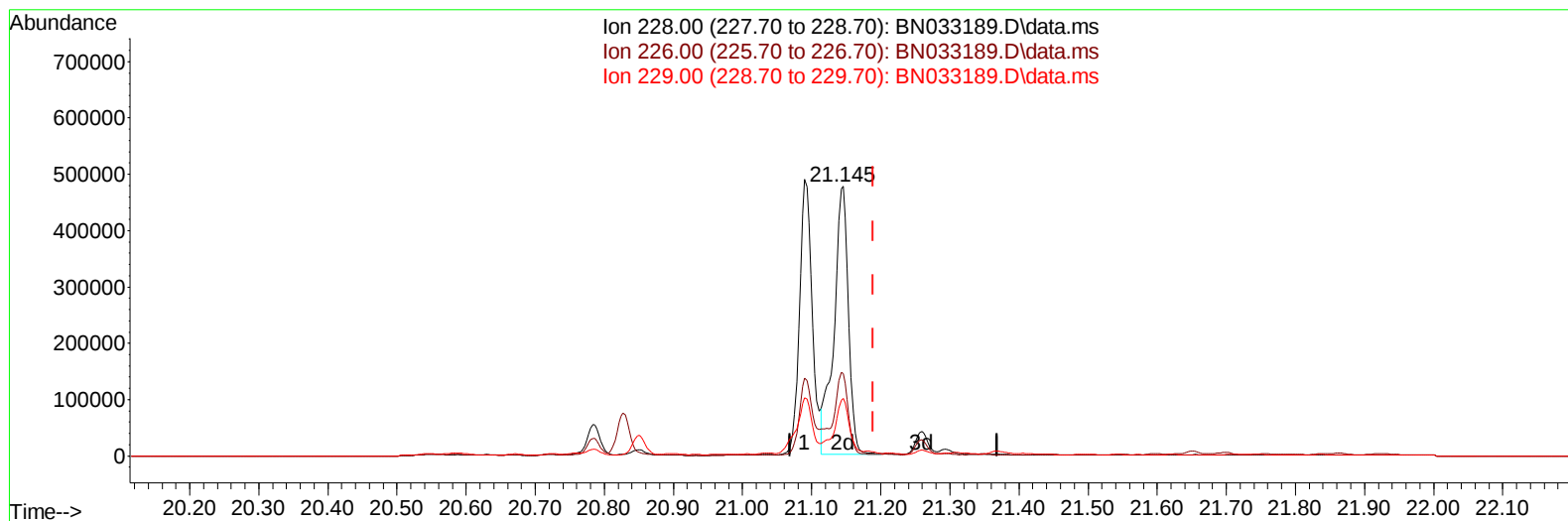
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

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TIC: BN033189.D\data.ms

(22) Chrysene

21.145min (-0.044) 16.36 ng/ul m

response 696951

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	30.67
229.00	21.30	21.34
0.00	0.00	0.00

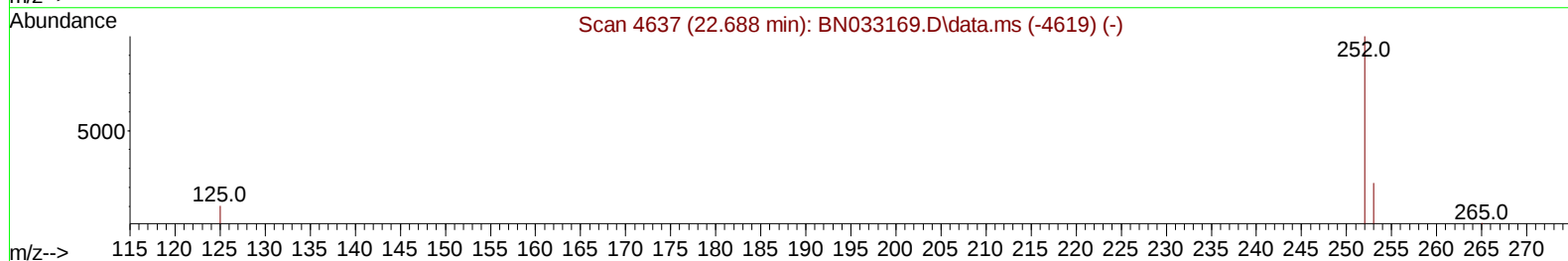
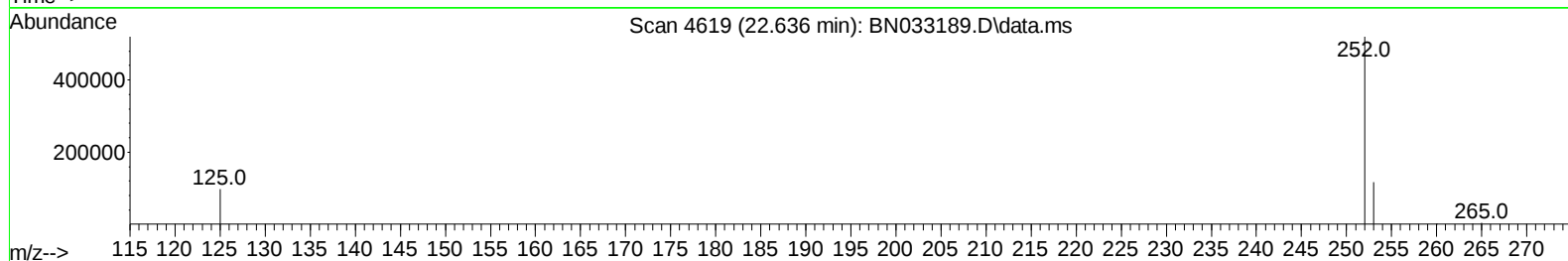
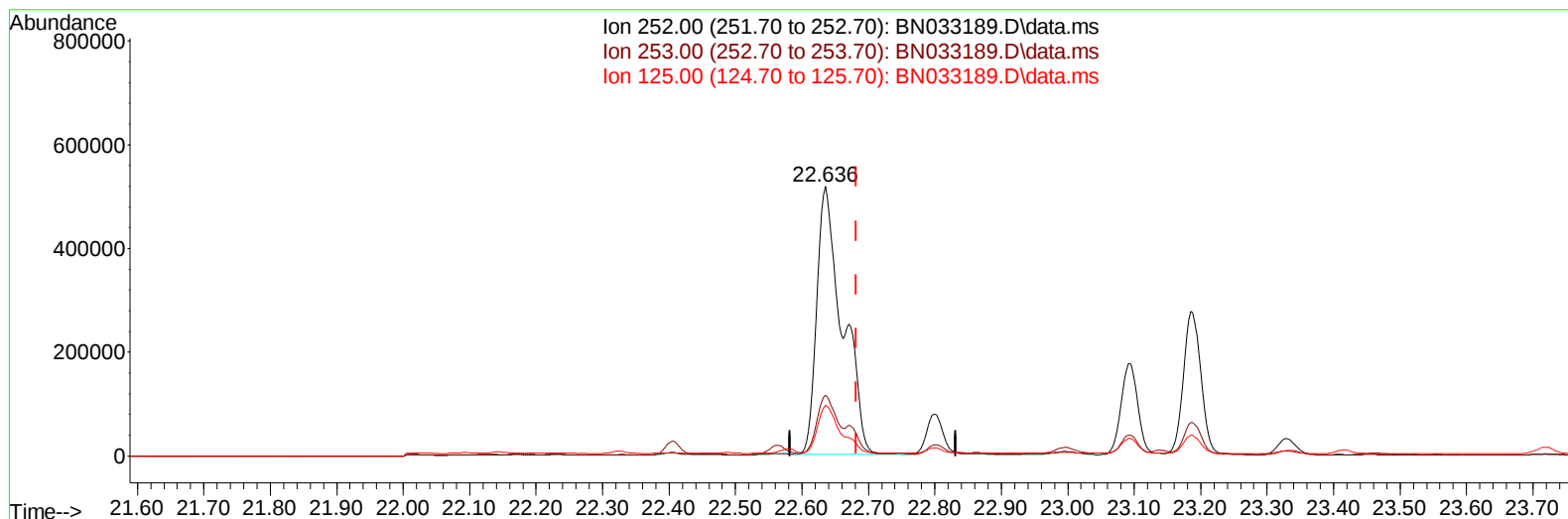
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Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 05:40:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033189.D\data.ms

(24) Benzo(b)fluoranthene

22.636min (-0.047) 33.43 ng/u1

response 1393581

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	22.46
125.00	25.50	18.73
0.00	0.00	0.00

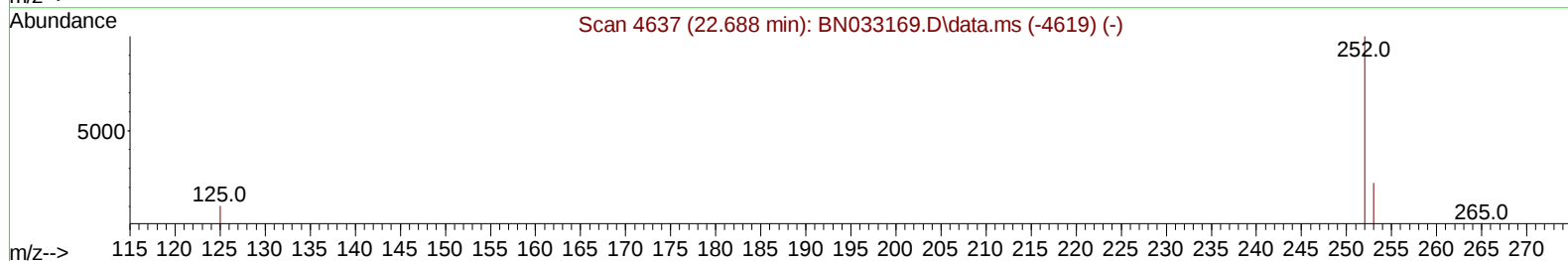
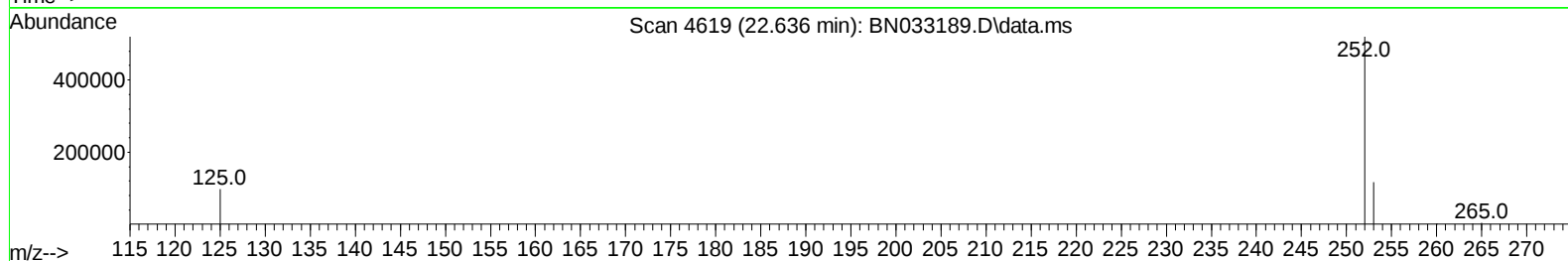
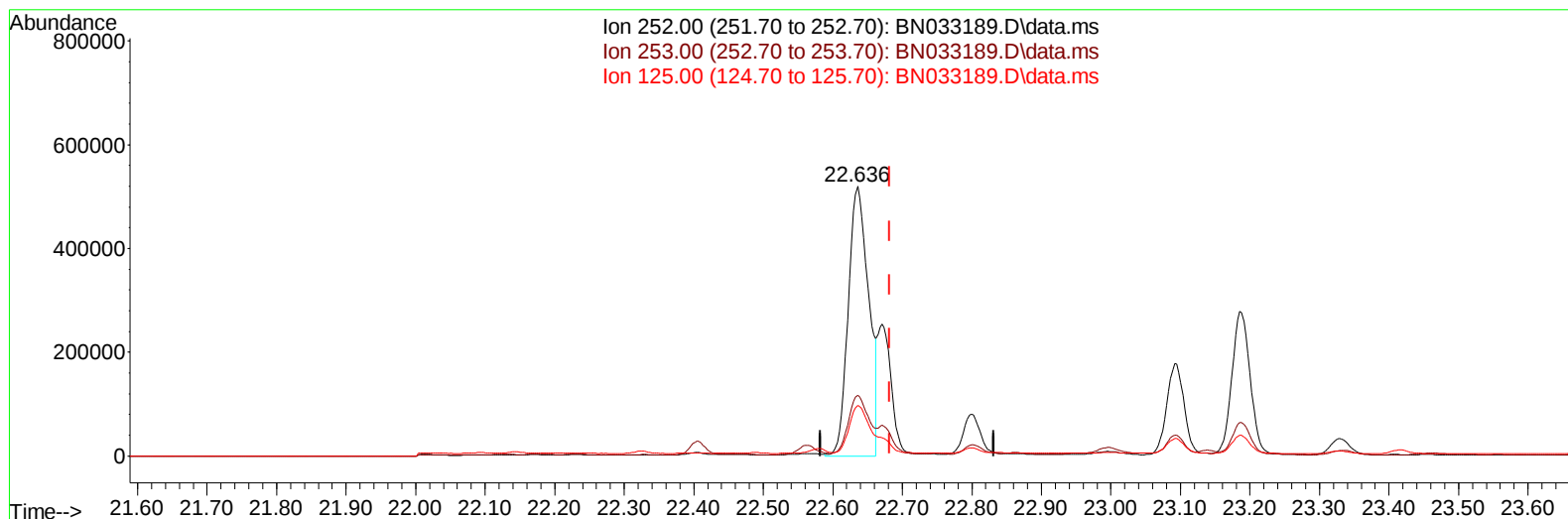
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033189.D
 Acq On : 02 Aug 2024 05:08
 Operator : MA/JU
 Sample : P3265-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D39

Manual IntegrationsAPPROVED

Quant Time: Aug 02 05:40:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



TIC: BN033189.D\data.ms

(24) Benzo(b)fluoranthene

22.636min (-0.047) 25.61 ng/u1 m

response 1067758

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	22.46
125.00	25.50	18.73
0.00	0.00	0.00

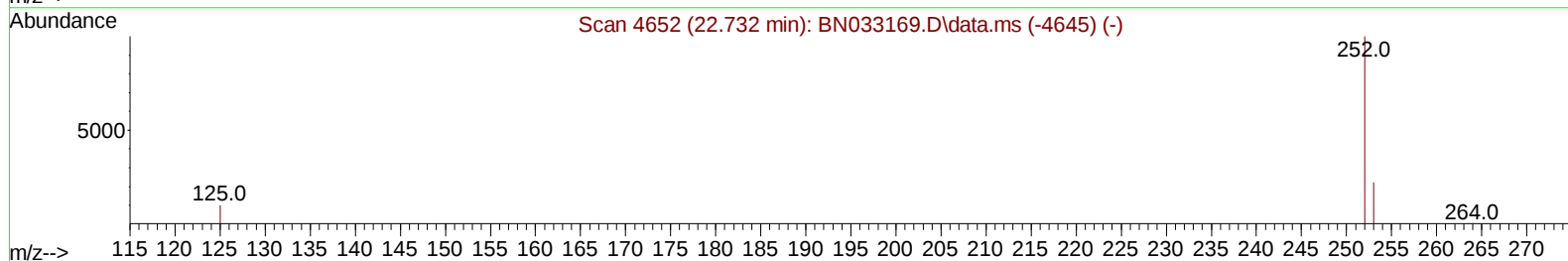
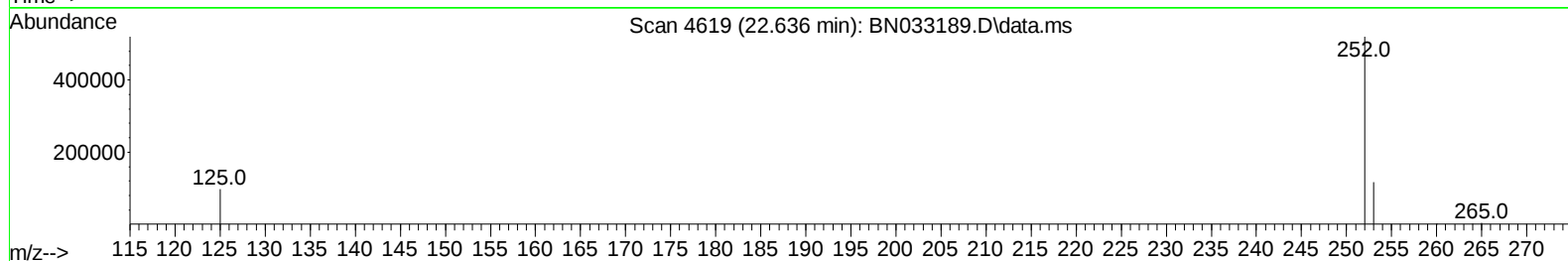
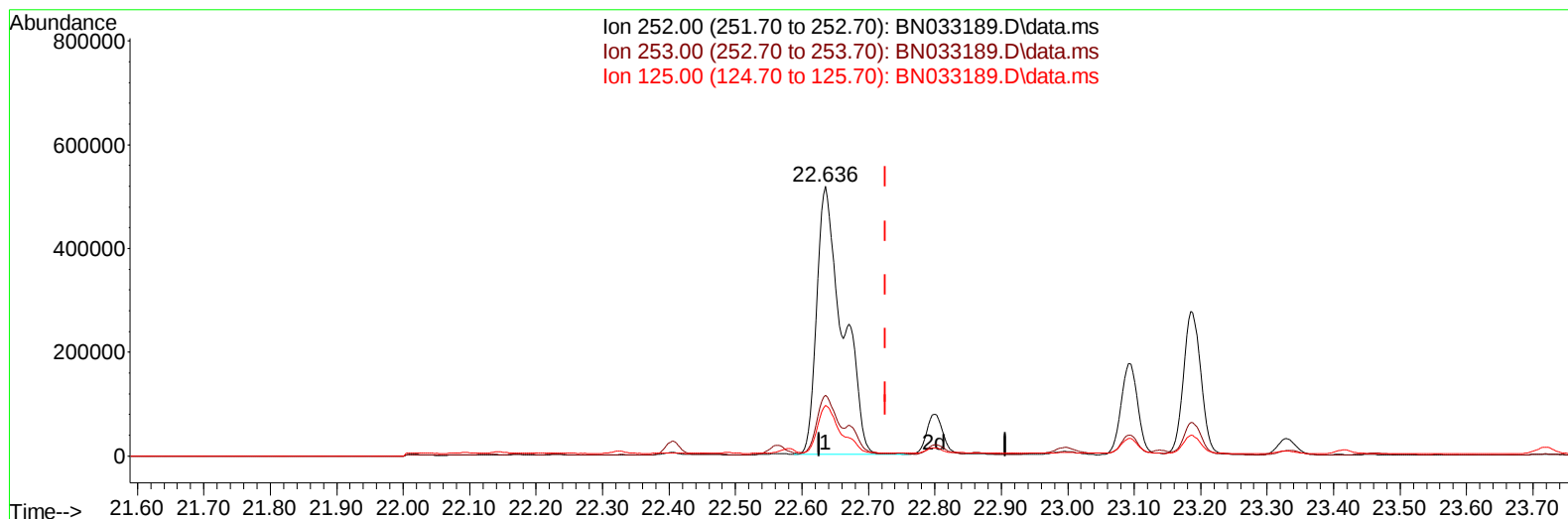
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
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Quant Time: Aug 02 05:40:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033189.D\data.ms

(25) Benzo(k)fluoranthene

22.636min (-0.090) 27.89 ng/u1

response 1393581

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	22.46#
125.00	26.10	18.73#
0.00	0.00	0.00

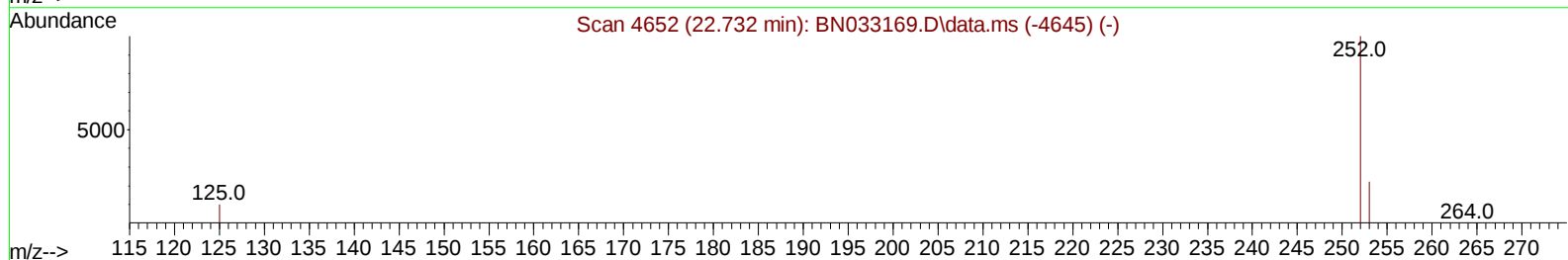
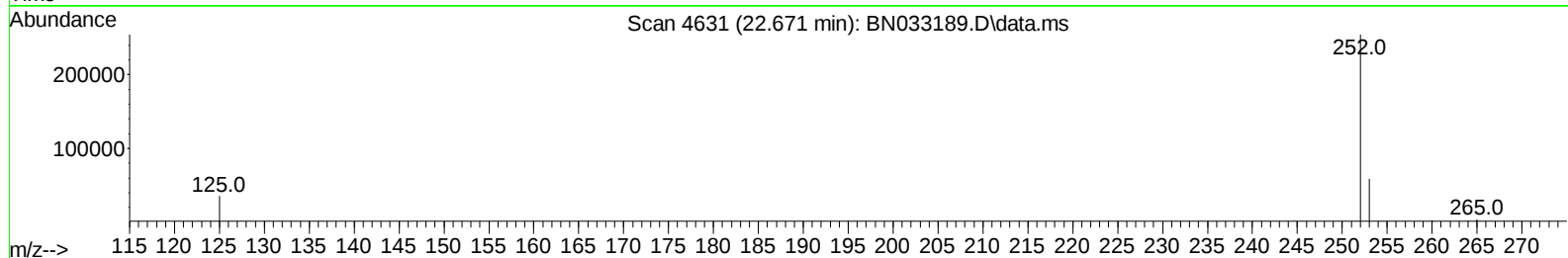
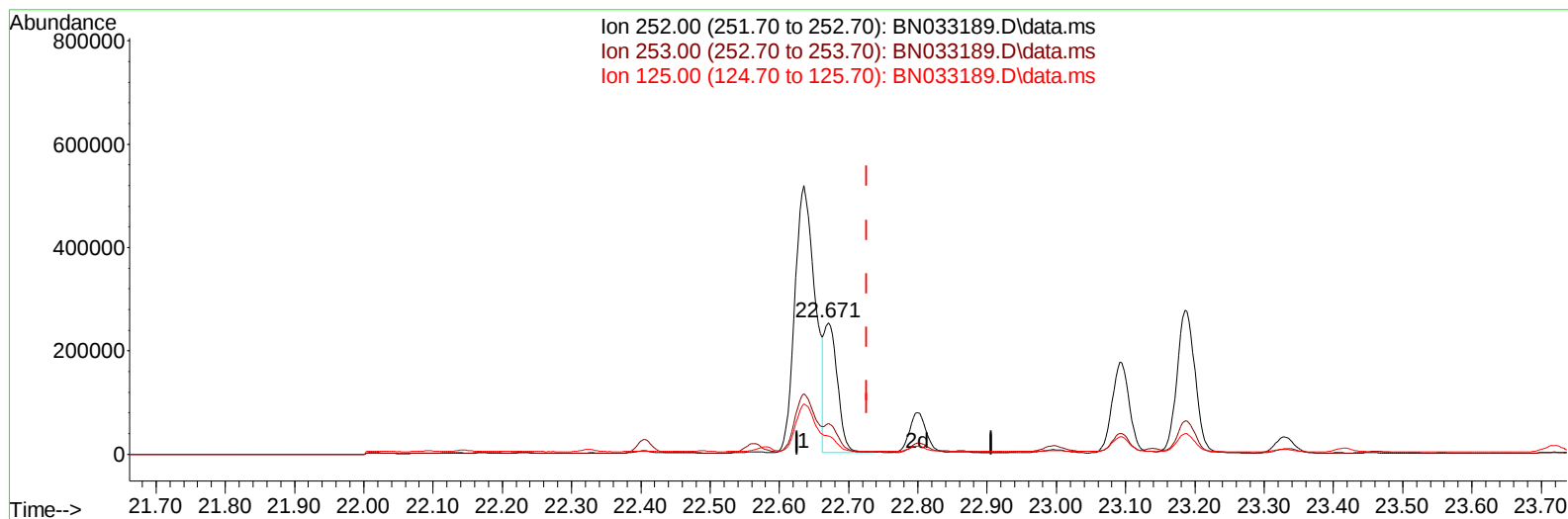
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033189.D
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 Operator : MA/JU
 Sample : P3265-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D39

Manual IntegrationsAPPROVED

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TIC: BN033189.D\data.ms

(25) Benzo(k)fluoranthene

22.671min (-0.055) 6.71 ng/u1 m

response 335272

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	23.23#
125.00	26.10	13.88#
0.00	0.00	0.00

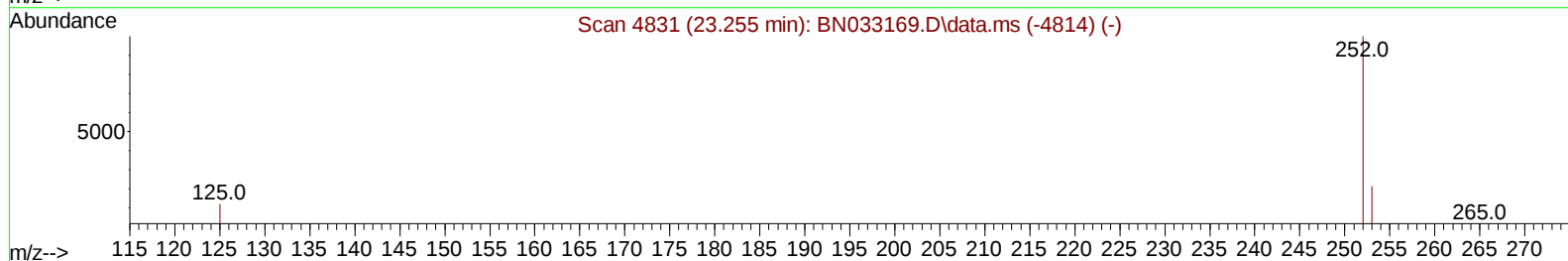
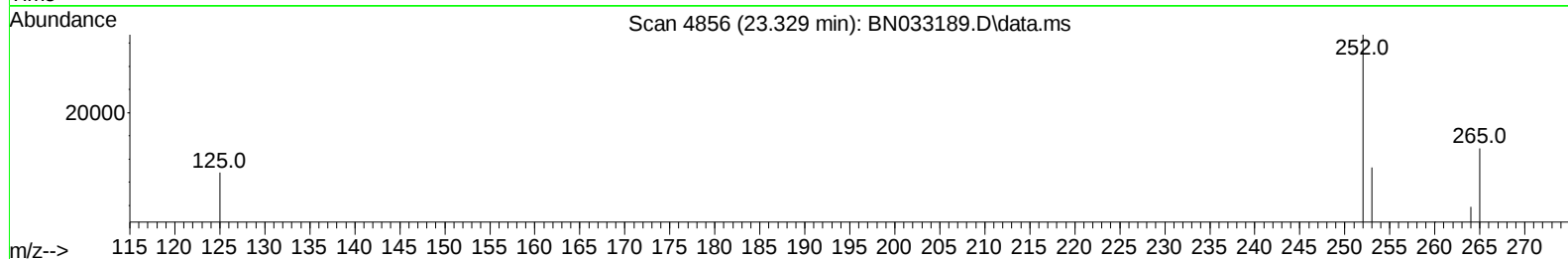
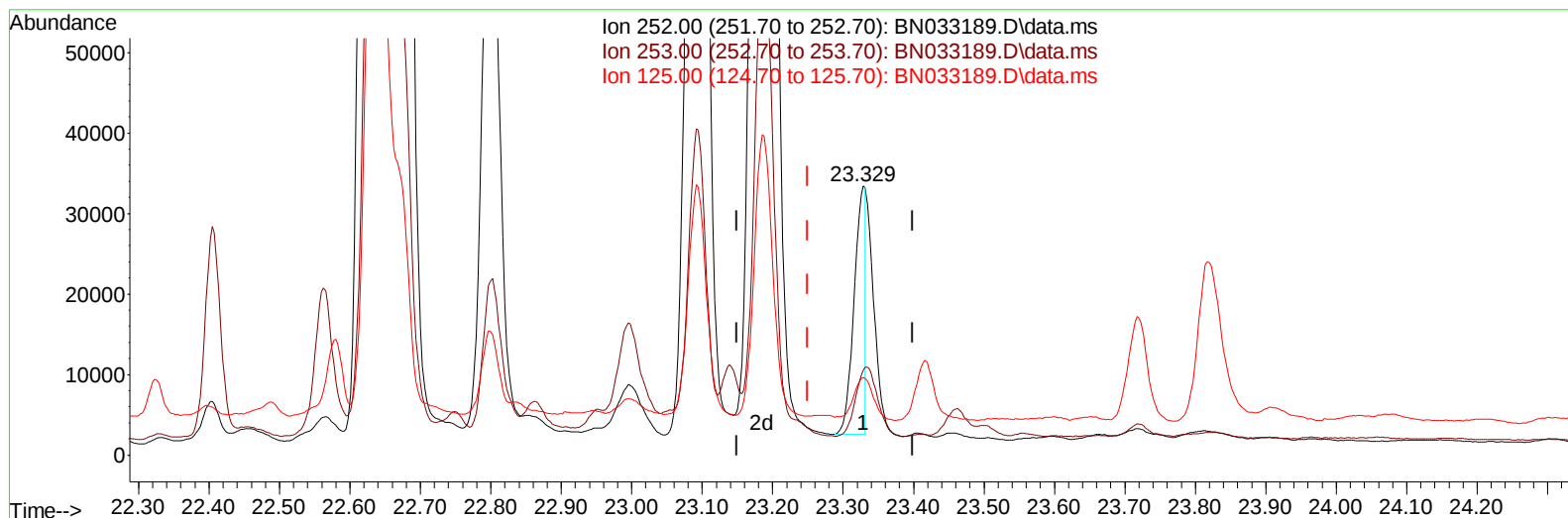
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
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Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

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TIC: BN033189.D\data.ms

(26) Benzo(a)pyrene (C)

23.329min (+ 0.079) 0.90 ng/u1

response 35183

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	31.56
125.00	33.80	29.01
0.00	0.00	0.00

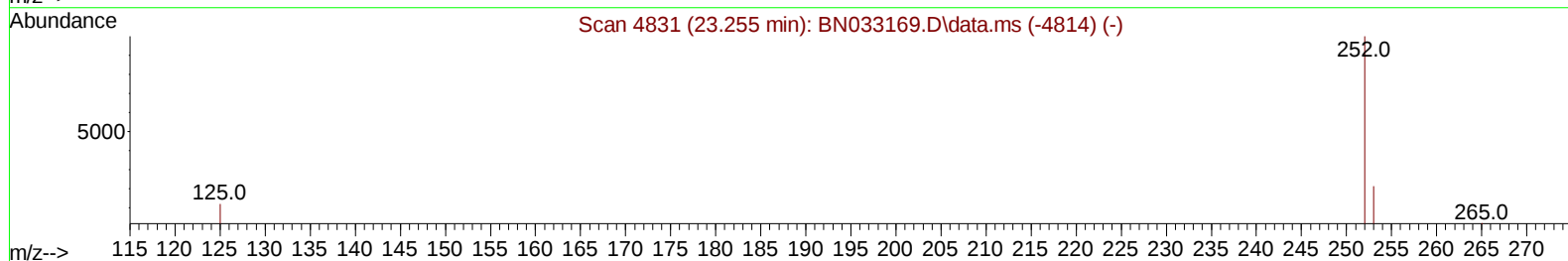
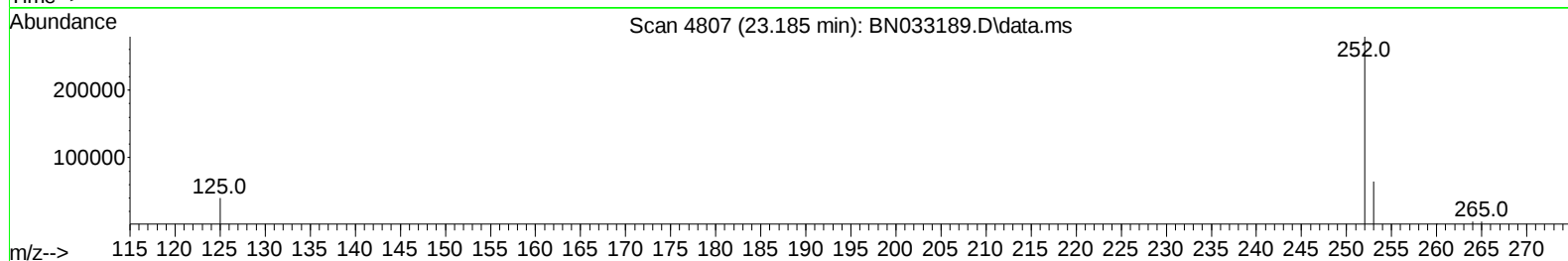
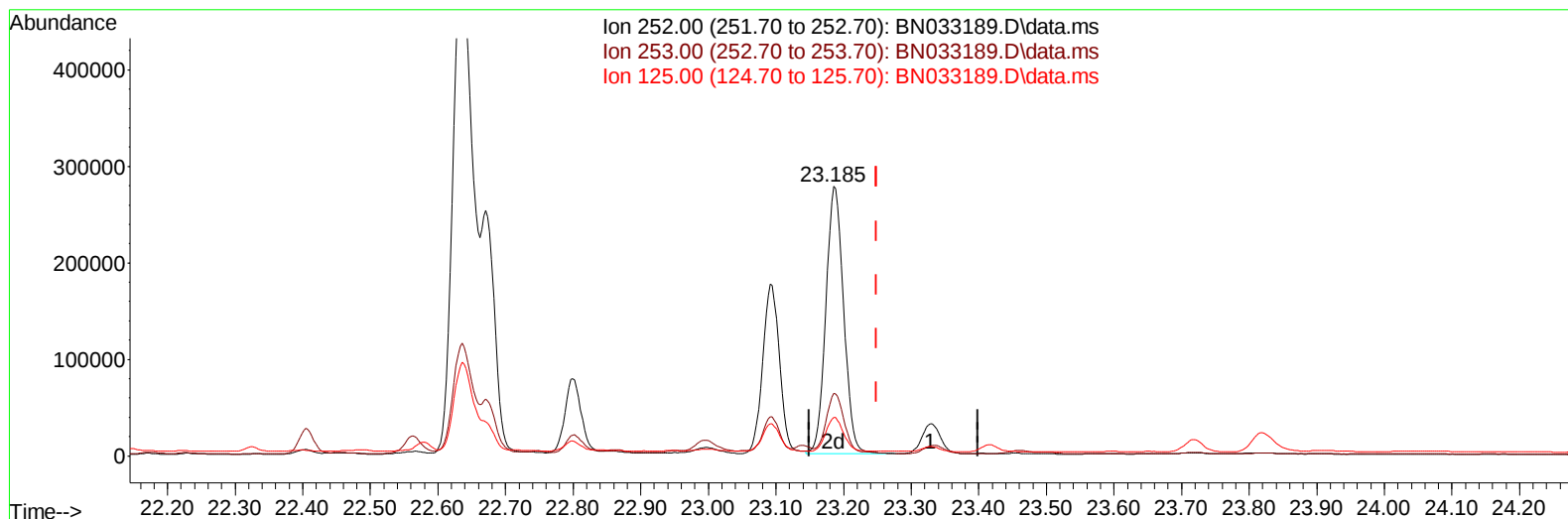
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
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Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN033189.D\data.ms

(26) Benzo(a)pyrene (C)

23.185min (-0.064) 12.89 ng/u1 m

response 505558

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	23.19#
125.00	33.80	14.26#
0.00	0.00	0.00

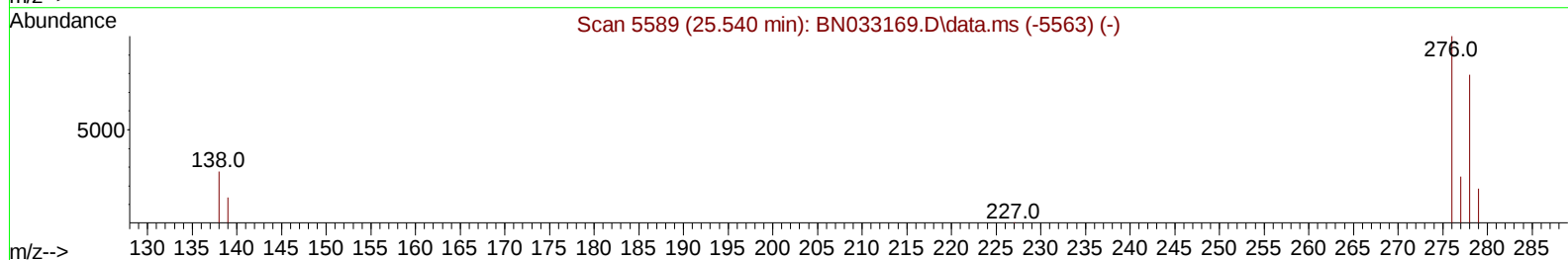
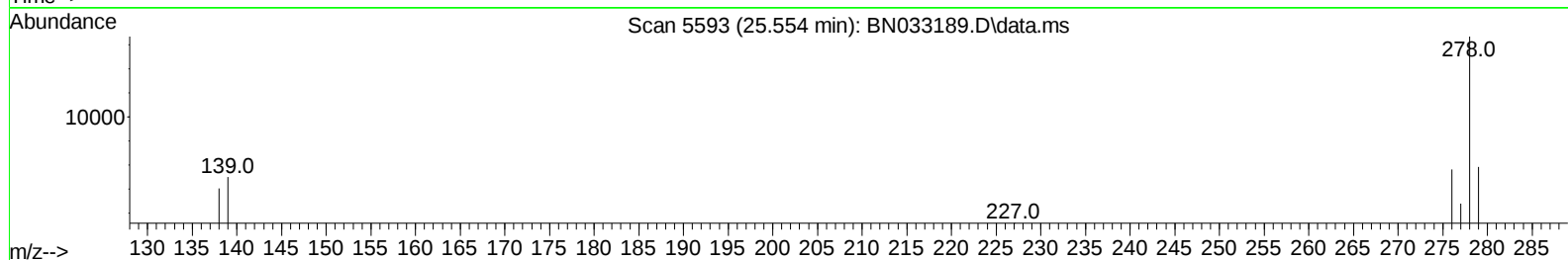
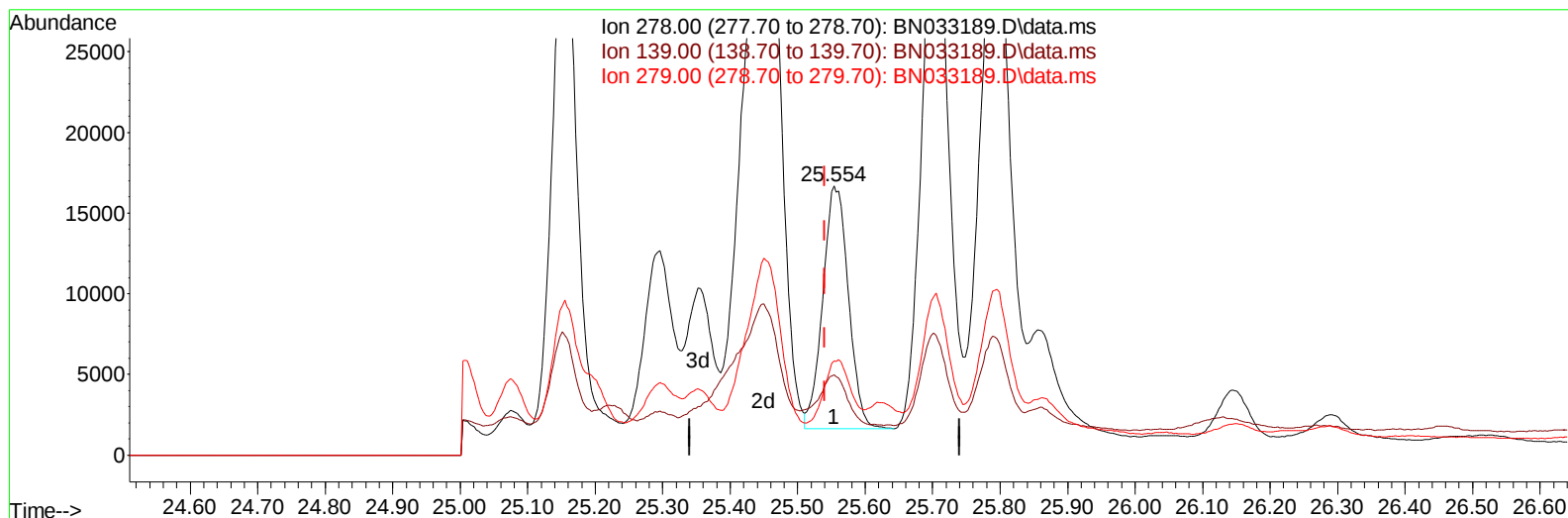
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
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Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

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TIC: BN033189.D\data.ms

(28) Dibenzo(a,h)anthracene

25.554min (+ 0.014) 0.84 ng/u1

response 39759

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	29.78
279.00	31.90	34.98
0.00	0.00	0.00

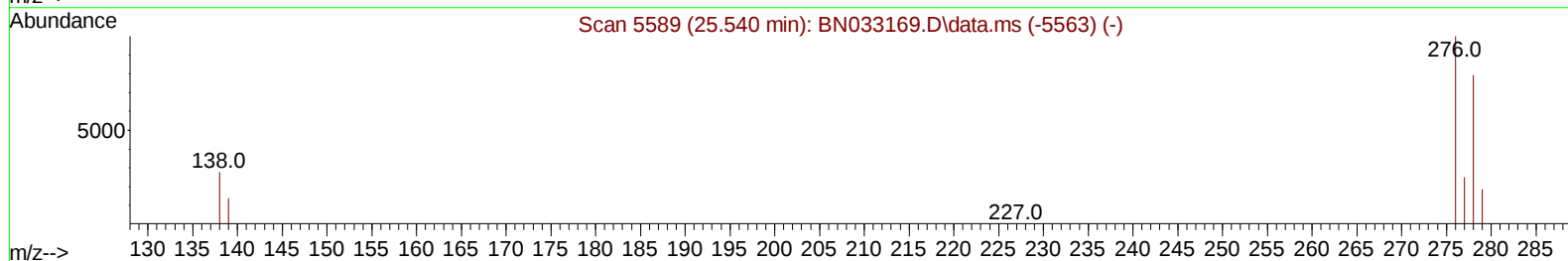
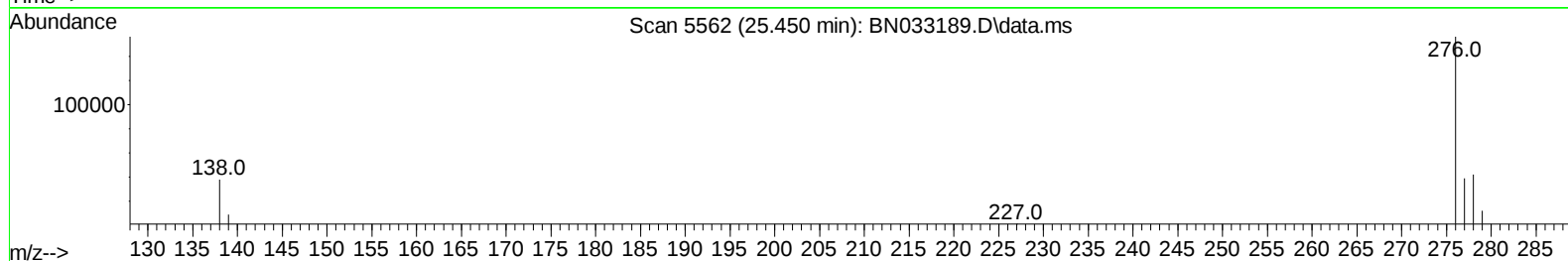
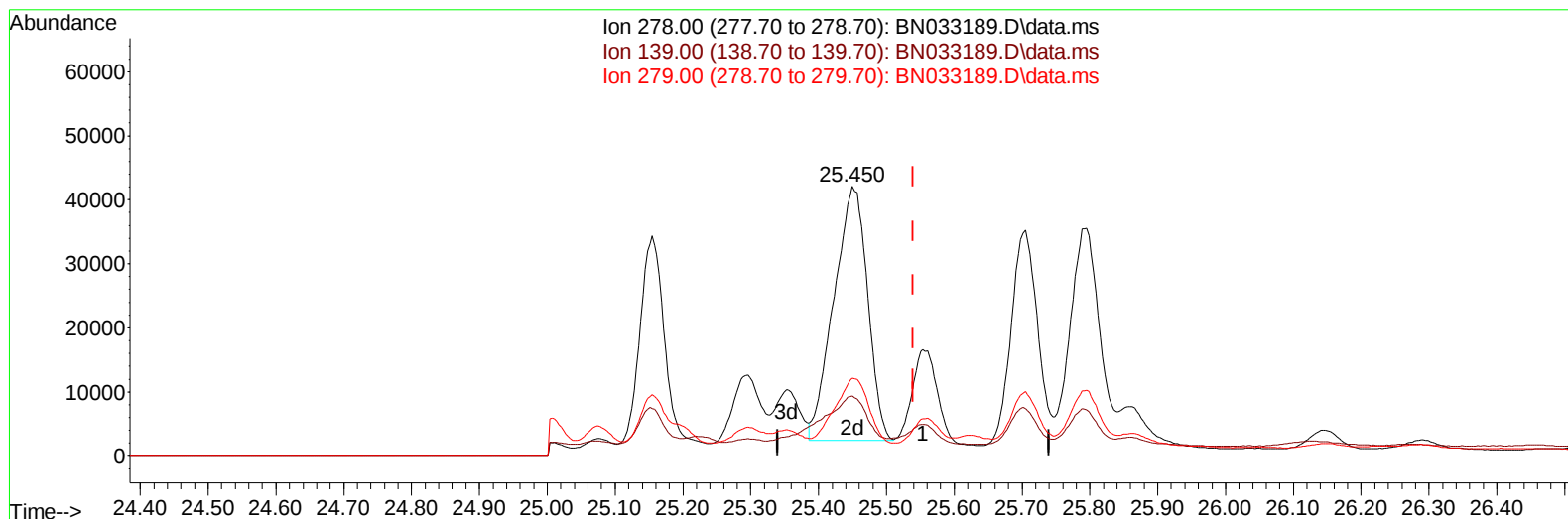
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
Operator : MA/JU
Sample : P3265-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D39

Manual IntegrationsAPPROVED

Quant Time: Aug 02 05:40:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033189.D\data.ms

(28) Dibenzo(a,h)anthracene

25.450min (-0.090) 2.89 ng/u1 m

response 136503

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	22.25#
279.00	31.90	29.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033189.D
 Acq On : 02 Aug 2024 05:08
 Operator : MA/JU
 Sample : P3265-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.470	152	4301m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.229	136	13064	0.400	ng/ul	#-0.09
9) Acenaphthene-d10	14.115	164	6861	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.882	188	13845	0.400	ng/ul	-0.06
17) Chrysene-d12	21.107	240	10701m	0.400	ng/ul	-0.04
23) Perylene-d12	23.285	264	14271	0.400	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	10399	1.911	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.840	152	2571	0.121	ng/ul	-0.09
18) Fluoranthene-d10	18.926	212	4919	0.162	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.278	128	23712	0.707	ng/ul#	94
7) 2-Methylnaphthalene	11.917	142	8608	0.379	ng/ul	96
8) 1-Methylnaphthalene	12.137	142	6582	0.268	ng/ul	100
10) Acenaphthylene	13.838	152	47610	1.696	ng/ul	98
11) Acenaphthene	14.180	153	27598	1.307	ng/ul	99
12) Fluorene	15.179	166	29794	1.210	ng/ul	100
14) Pentachlorophenol	16.565	266	271	0.096	ng/ul	94
15) Phenanthrene	16.924	178	645377	17.379	ng/ul	97
16) Anthracene	17.017	178	125652	3.763	ng/ul	98
19) Fluoranthene	18.958	202	1330657	37.766	ng/ul	97
20) Pyrene	19.325	202	1056865	27.971	ng/ul	97
21) Benzo(a)anthracene	21.090	228	624135	17.099	ng/ul	100
22) Chrysene	21.145	228	696951m	16.361	ng/ul	
24) Benzo(b)fluoranthene	22.636	252	1067758m	25.613	ng/ul	
25) Benzo(k)fluoranthene	22.671	252	335272m	6.711	ng/ul	
26) Benzo(a)pyrene	23.185	252	505558m	12.885	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.457	276	462319	7.749	ng/ul	90
28) Dibenzo(a,h)anthracene	25.450	278	136503m	2.887	ng/ul	
29) Benzo(g,h,i)perylene	26.131	276	75440	1.591	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
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