

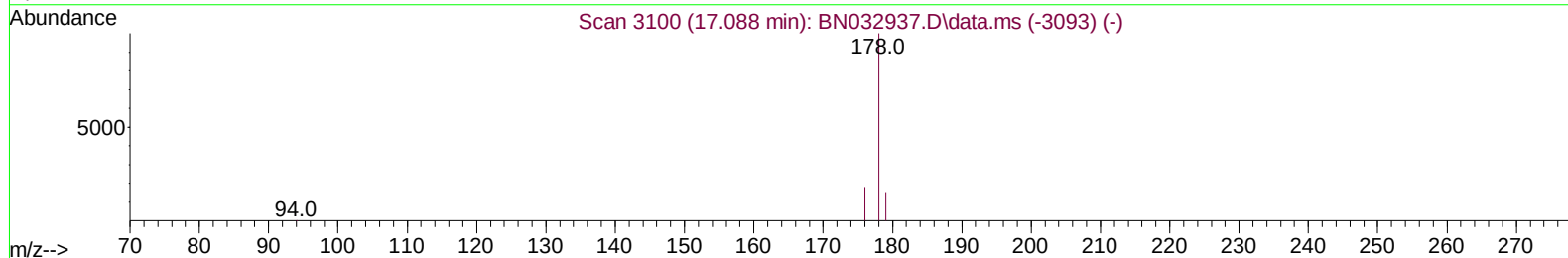
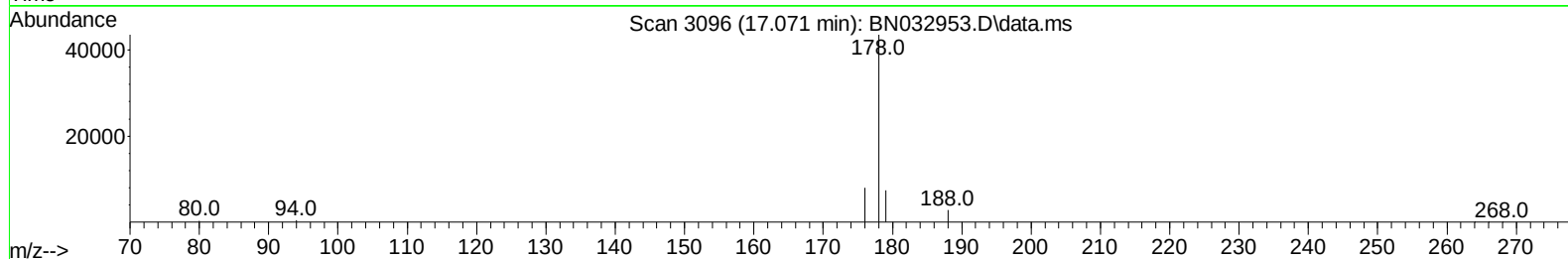
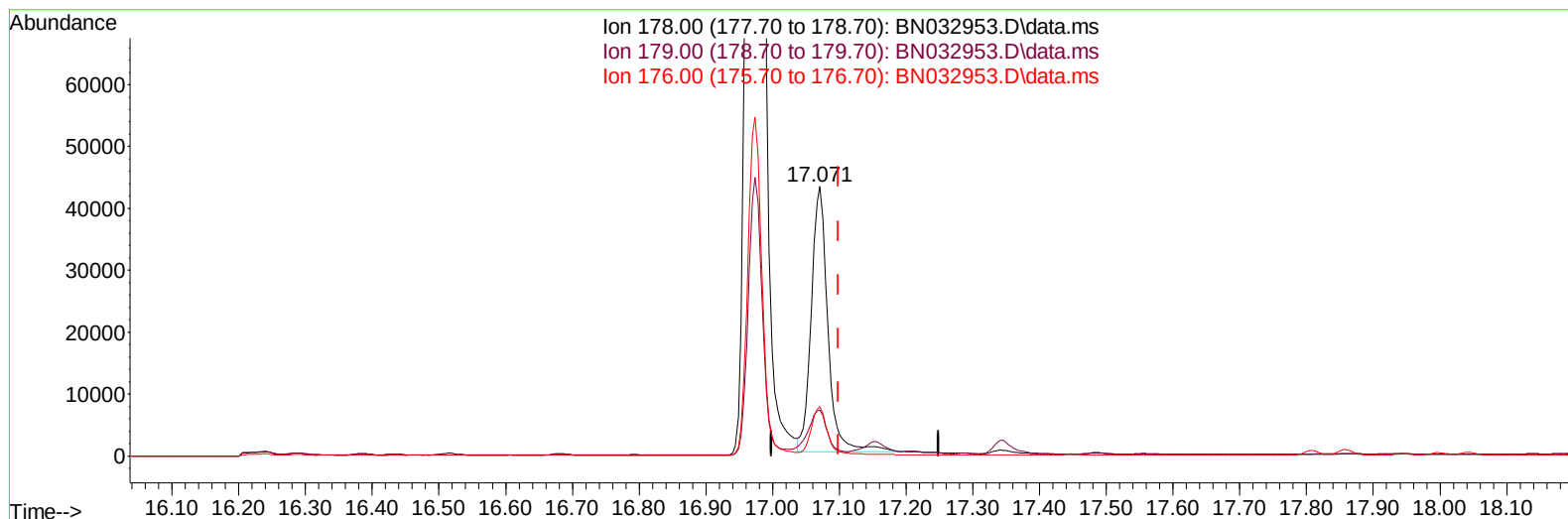
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 18:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032953.D\data.ms

(16) Anthracene

17.071min (-0.028) 2.89 ng/u1

response 73201

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	17.10
176.00	19.20	18.30
0.00	0.00	0.00

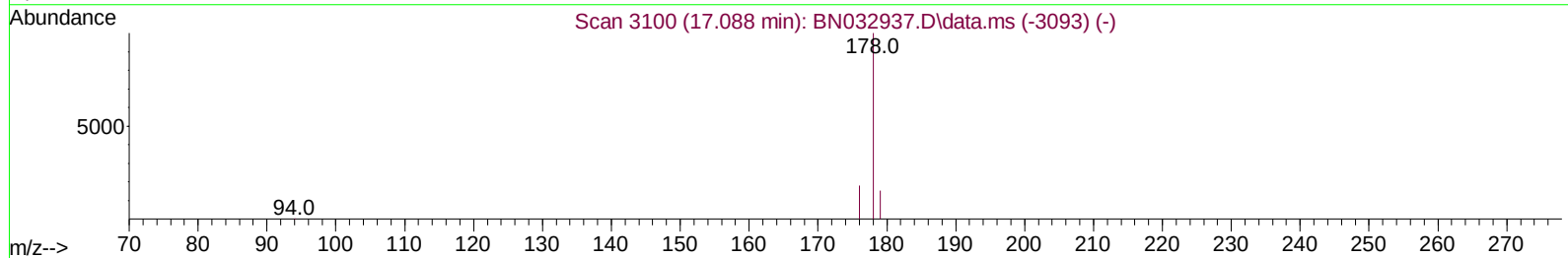
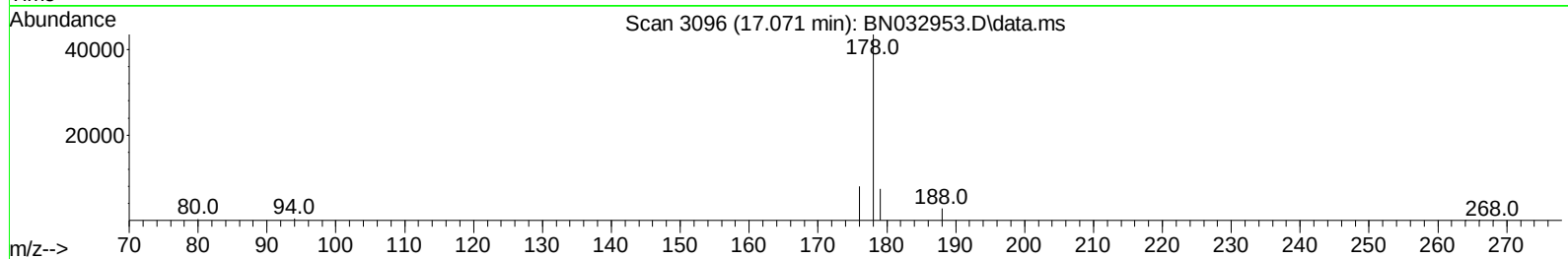
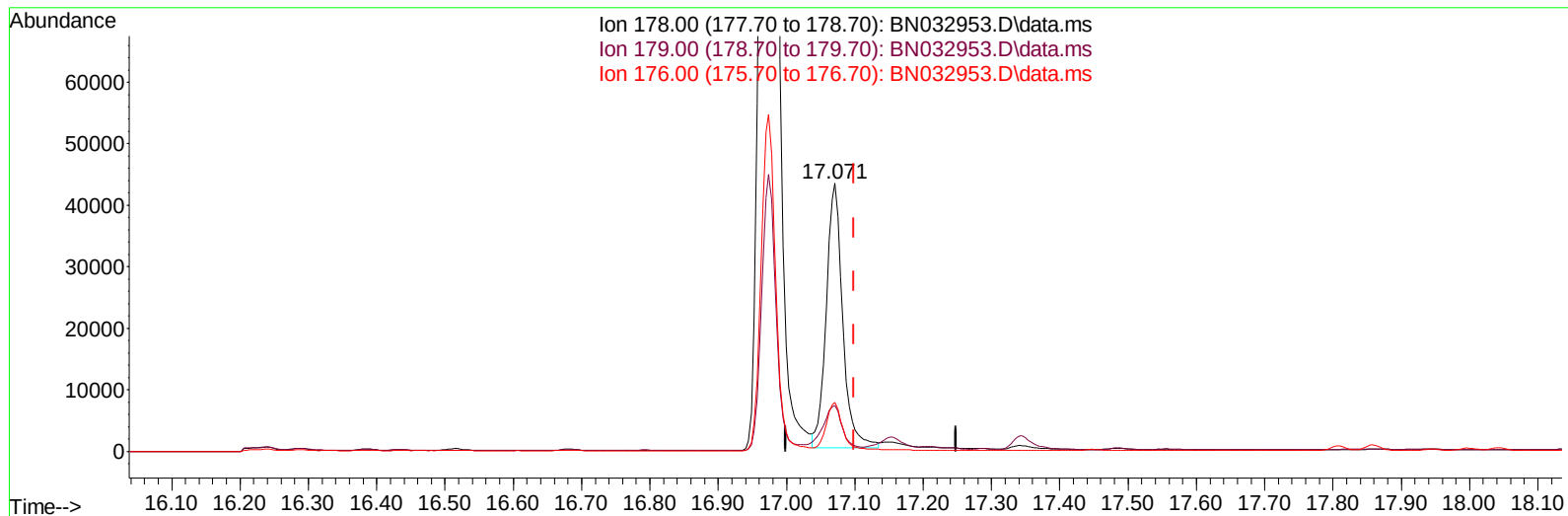
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 18:16:14 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032953.D\data.ms

(16) Anthracene

17.071min (-0.028) 2.85 ng/ul m

response 72154

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	17.10
176.00	19.20	18.30
0.00	0.00	0.00

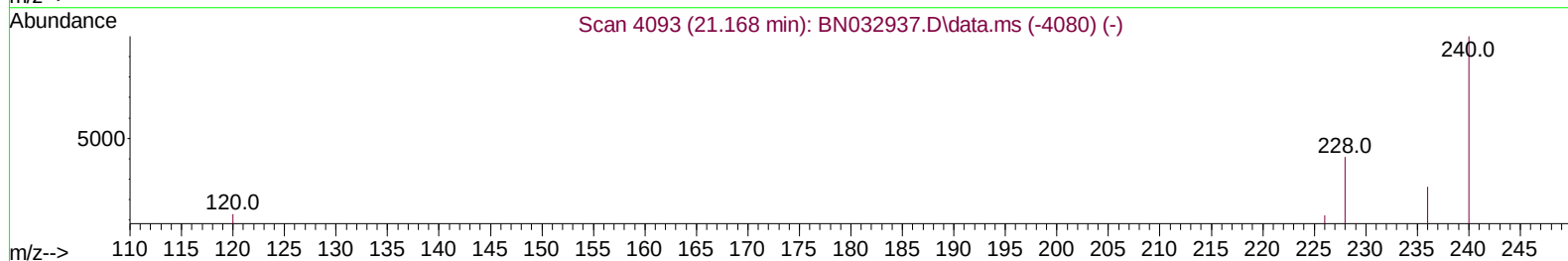
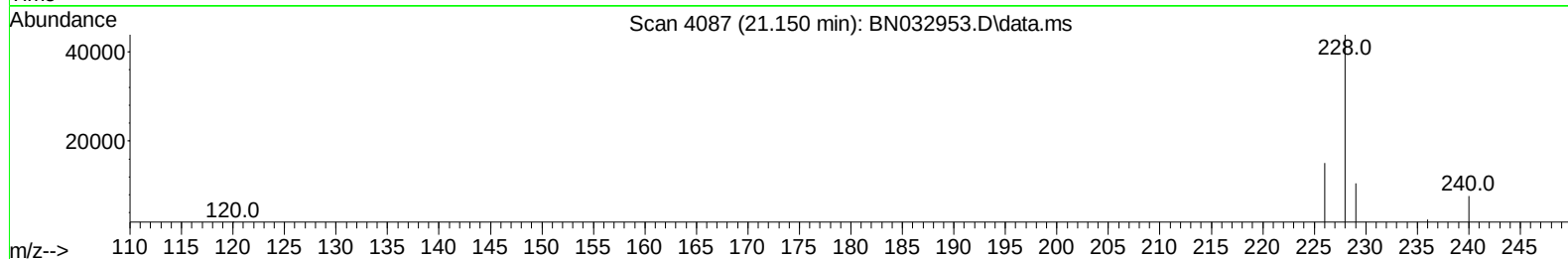
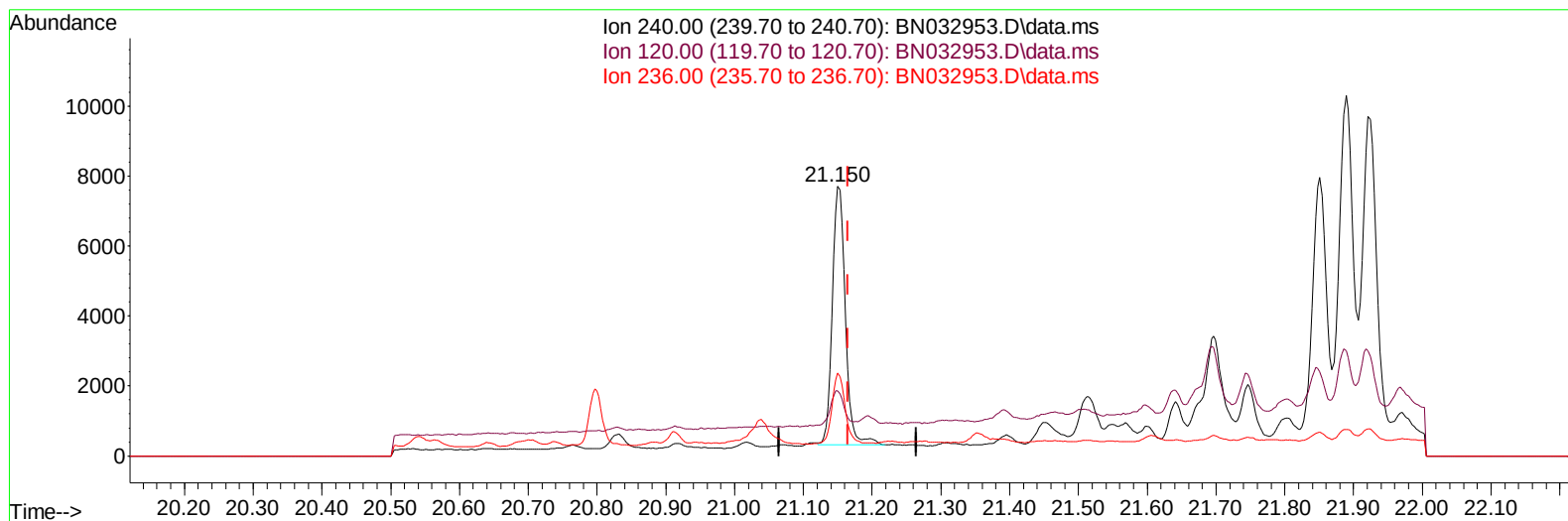
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 18:16:14 2024
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TIC: BN032953.D\data.ms

(17) Chrysene-d12

21.150min (-0.015) 0.40 ng/u1

response 9741

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	24.26#
236.00	28.40	30.82
0.00	0.00	0.00

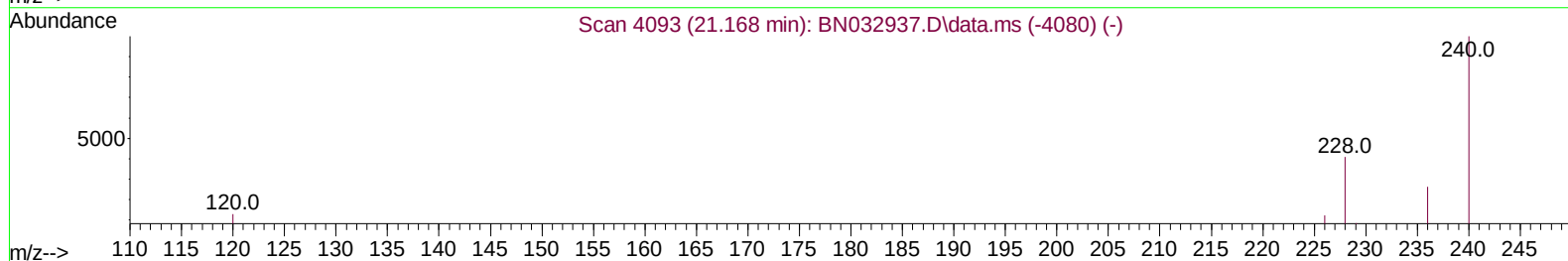
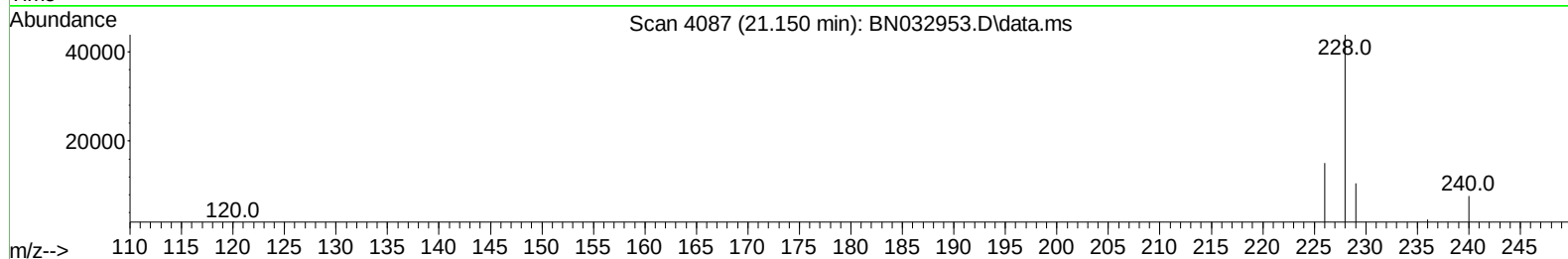
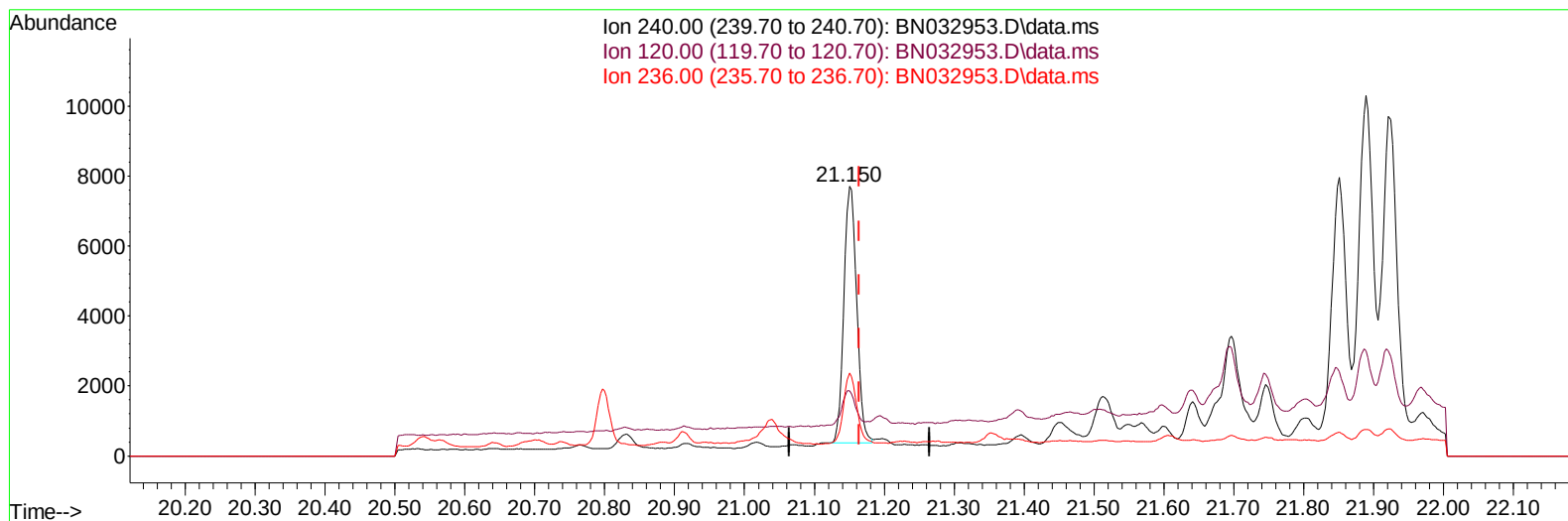
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 18:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032953.D\data.ms

(17) Chrysene-d12

21.150min (-0.015) 0.40 ng/ul m

response 9326

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	24.26#
236.00	28.40	30.82
0.00	0.00	0.00

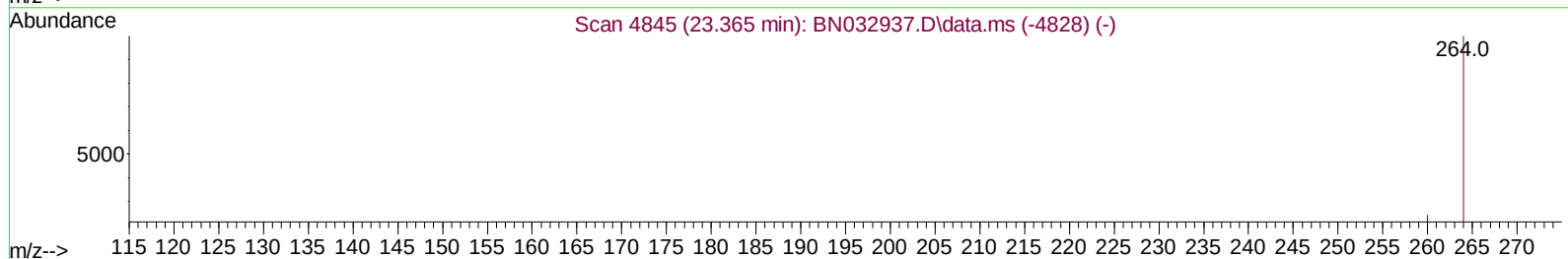
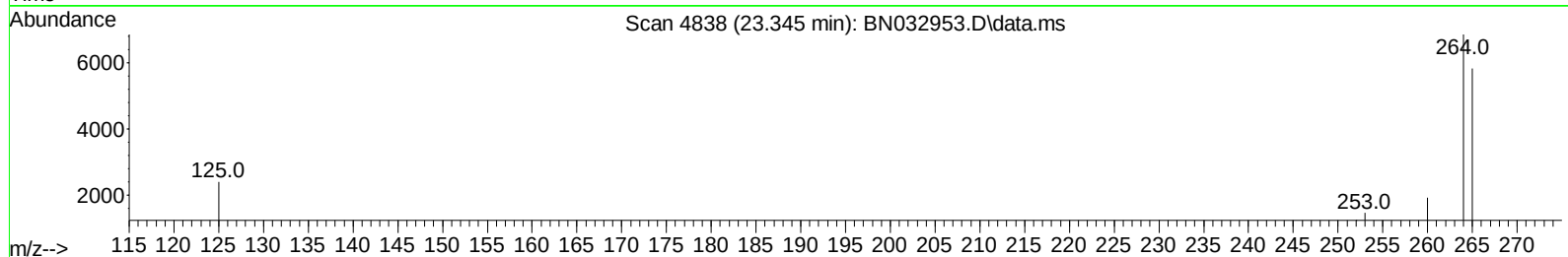
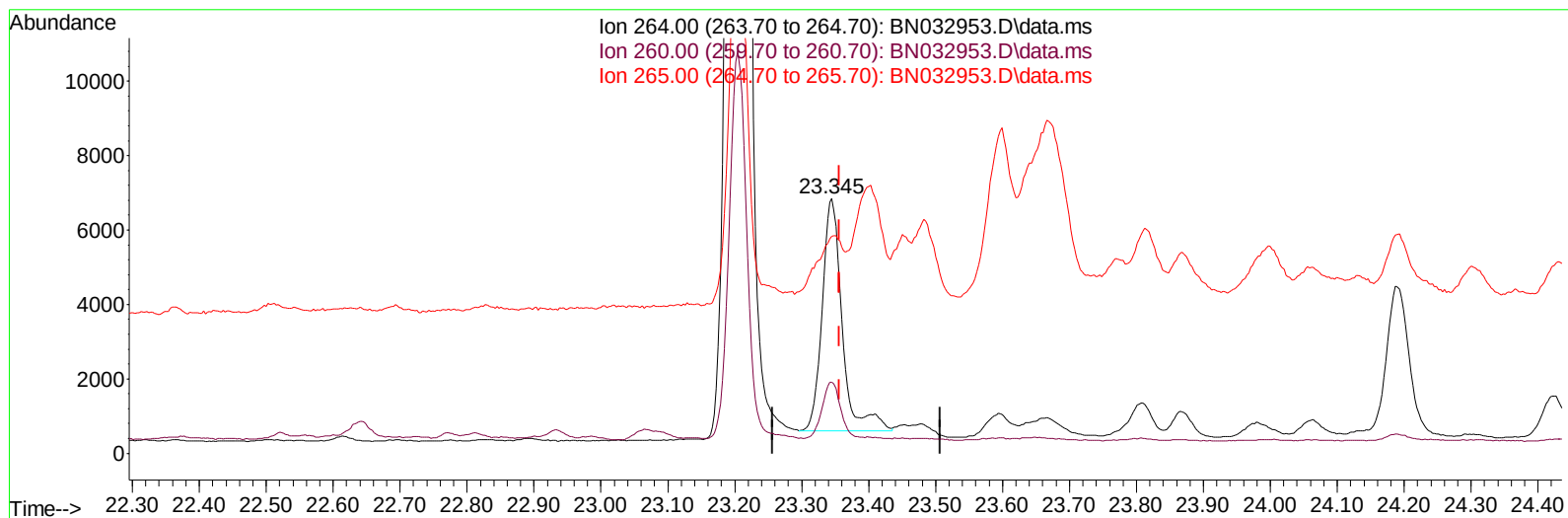
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 18:16:14 2024
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TIC: BN032953.D\data.ms

(23) Perylene-d12 (I)

23.345min (-0.012) 0.40 ng/u1

response 12939

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	27.91
265.00	95.50	85.12
0.00	0.00	0.00

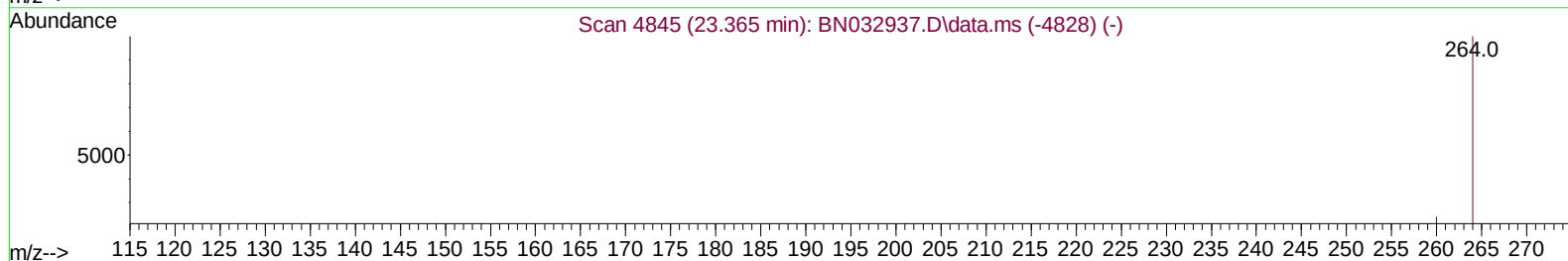
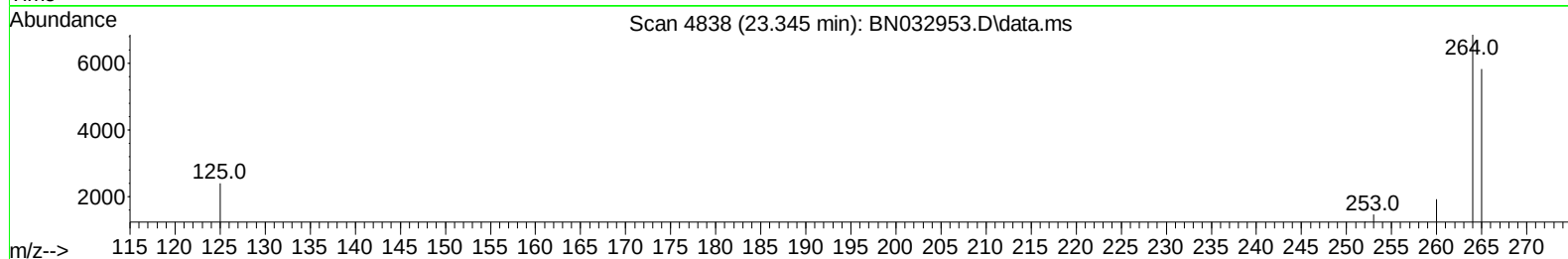
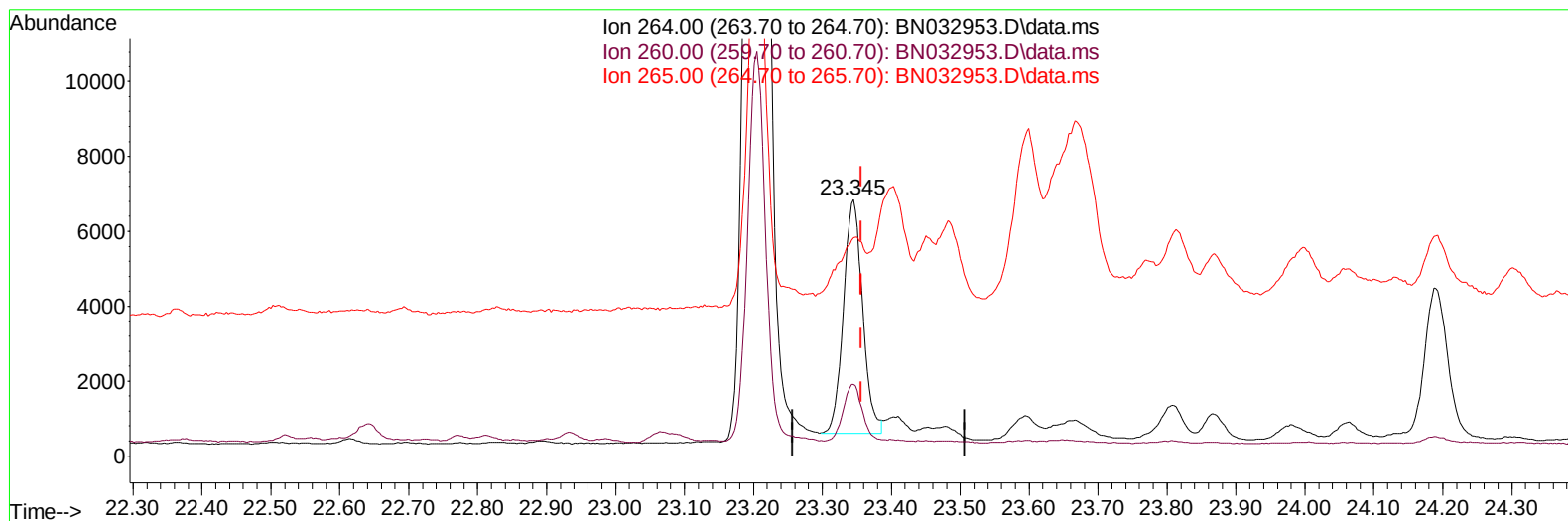
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 18:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Reviewed By :Yogesh Patel 07/25/2024
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TIC: BN032953.D\data.ms

(23) Perylene-d12 (I)

23.345min (-0.012) 0.40 ng/ul m

response 12017

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	27.91
265.00	95.50	85.12
0.00	0.00	0.00

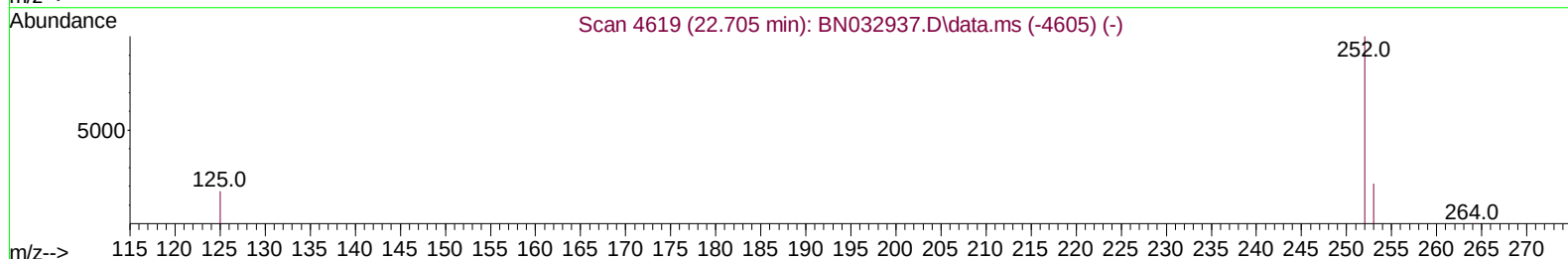
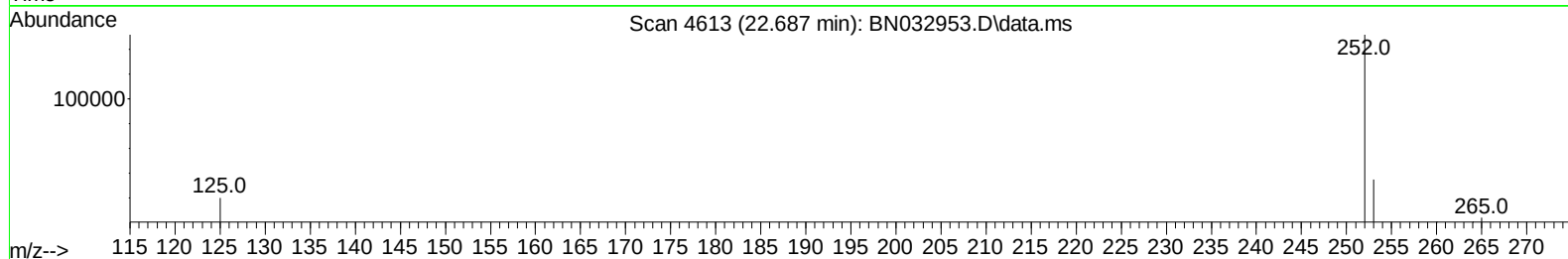
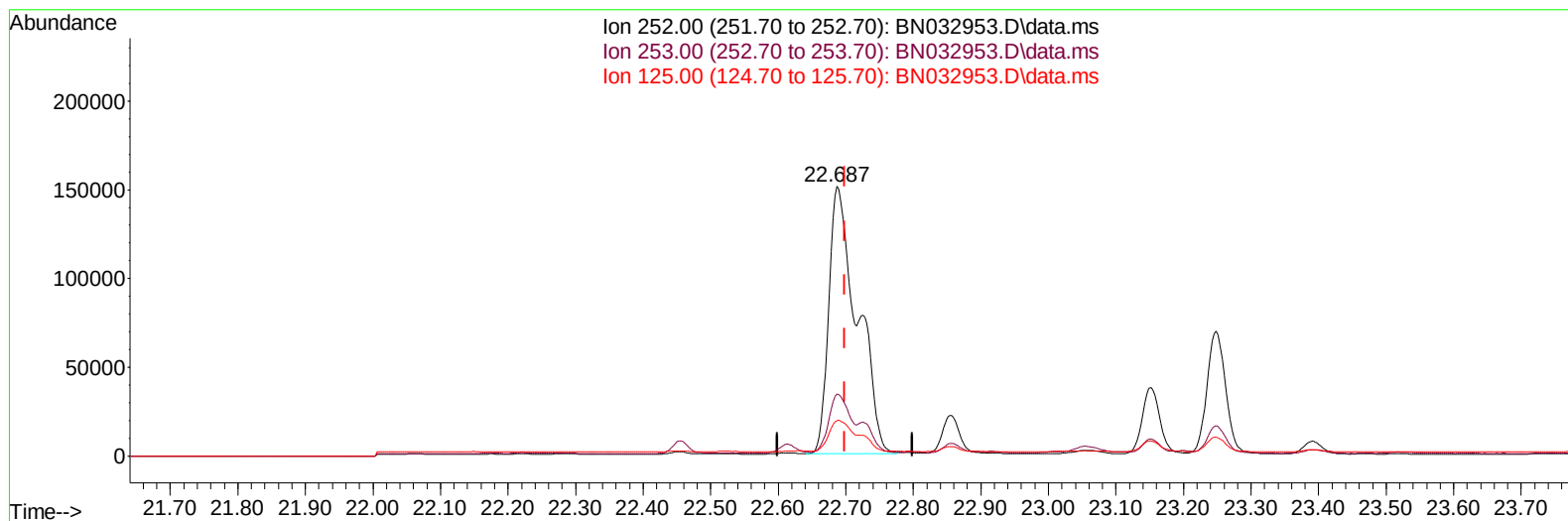
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 18:16:14 2024
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Reviewed By :Yogesh Patel 07/25/2024
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TIC: BN032953.D\data.ms

(24) Benzo(b)fluoranthene

22.687min (-0.012) 10.39 ng/ul

response 440565

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.95
125.00	18.00	13.21
0.00	0.00	0.00

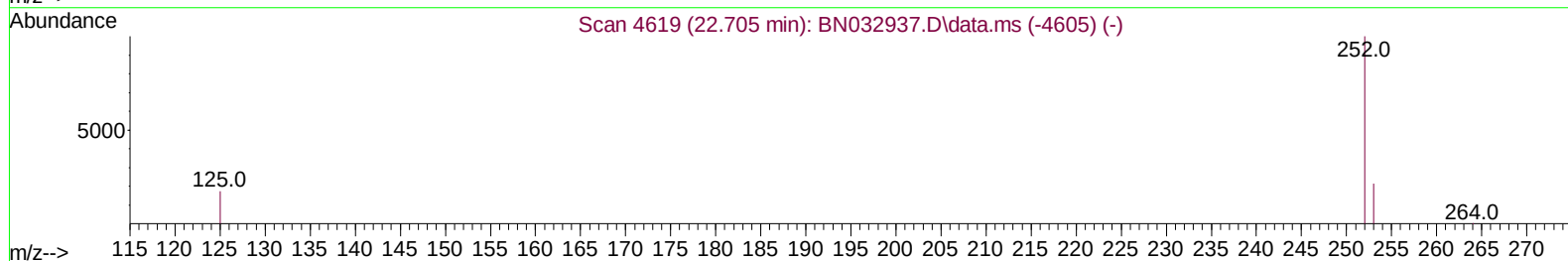
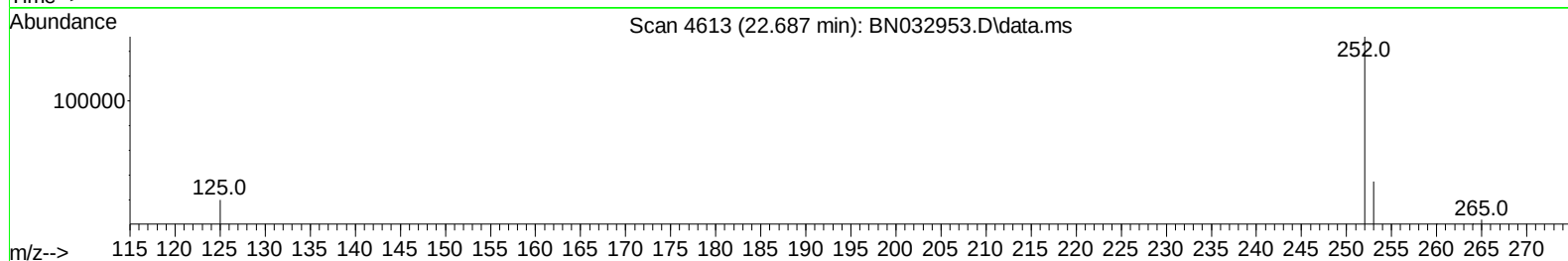
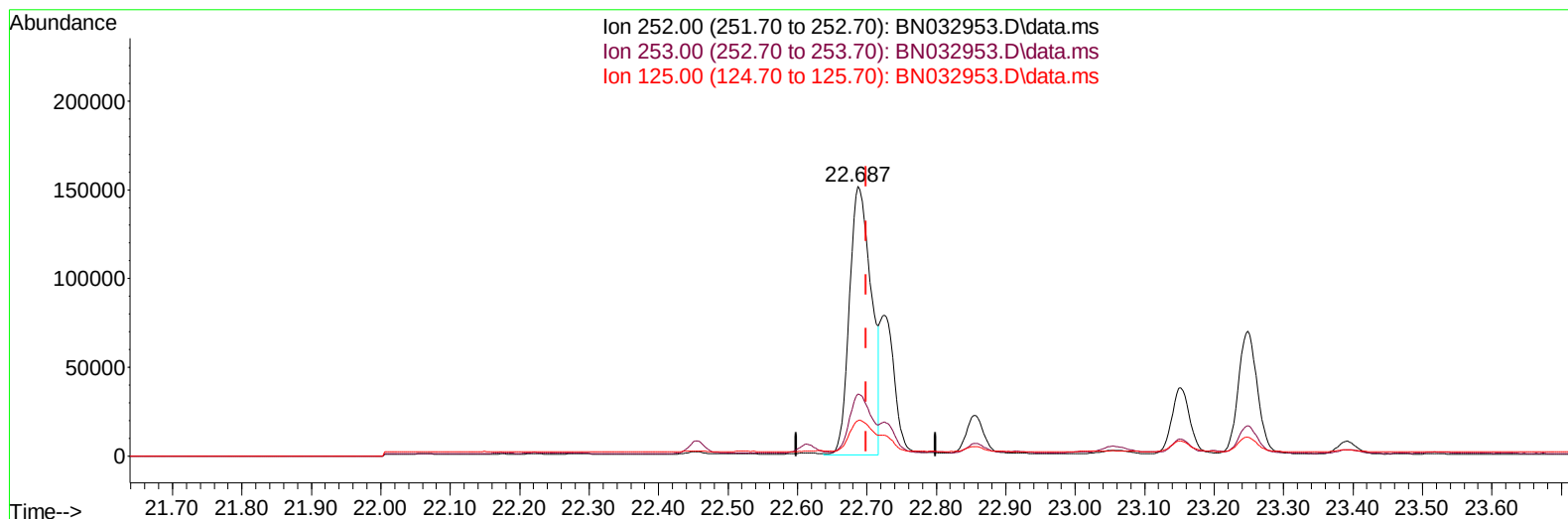
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 18:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032953.D\data.ms

(24) Benzo(b)fluoranthene

22.687min (-0.012) 7.83 ng/ul m

response 331964

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.95
125.00	18.00	13.21
0.00	0.00	0.00

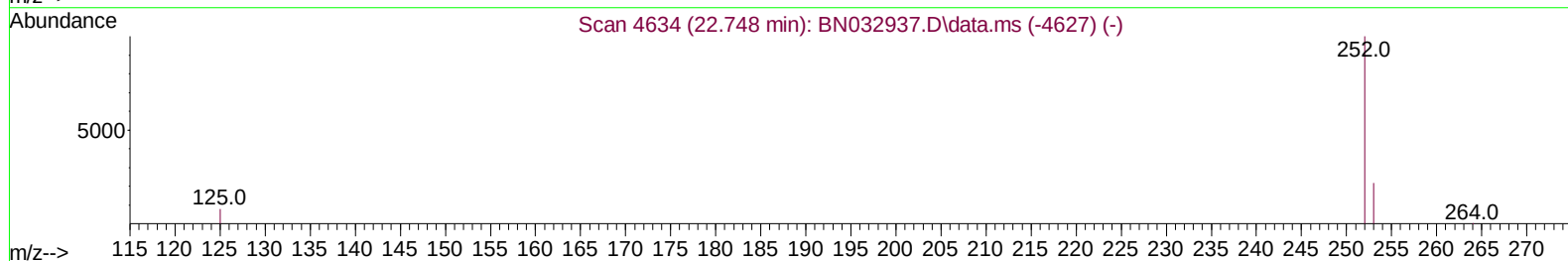
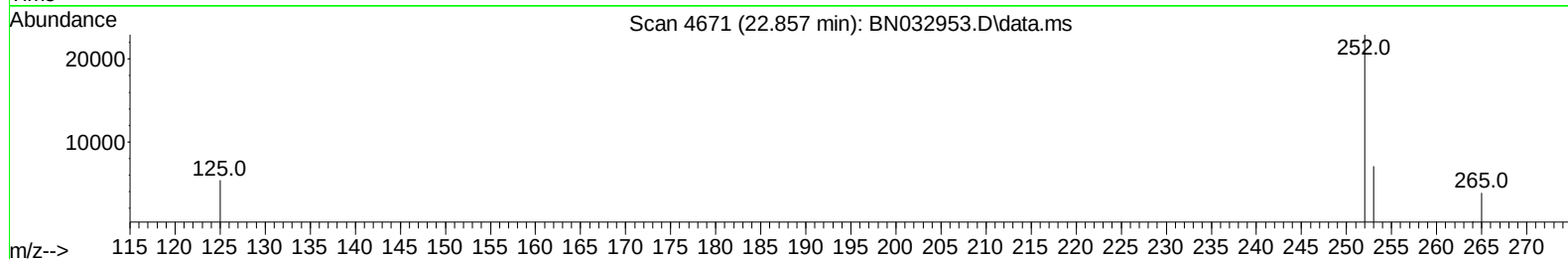
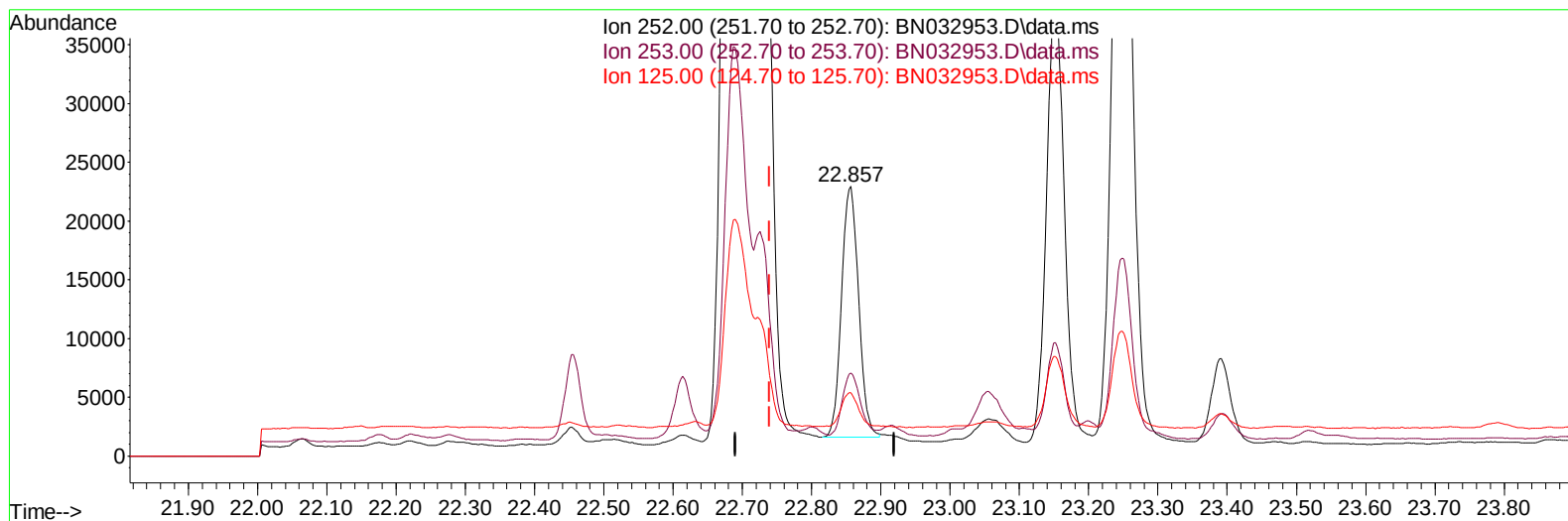
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Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE8DL

Manual IntegrationsAPPROVED

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TIC: BN032953.D\data.ms

(25) Benzo(k)fluoranthene

22.857min (+ 0.117) 0.71 ng/u1

response 36624

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	30.85
125.00	18.50	23.40#
0.00	0.00	0.00

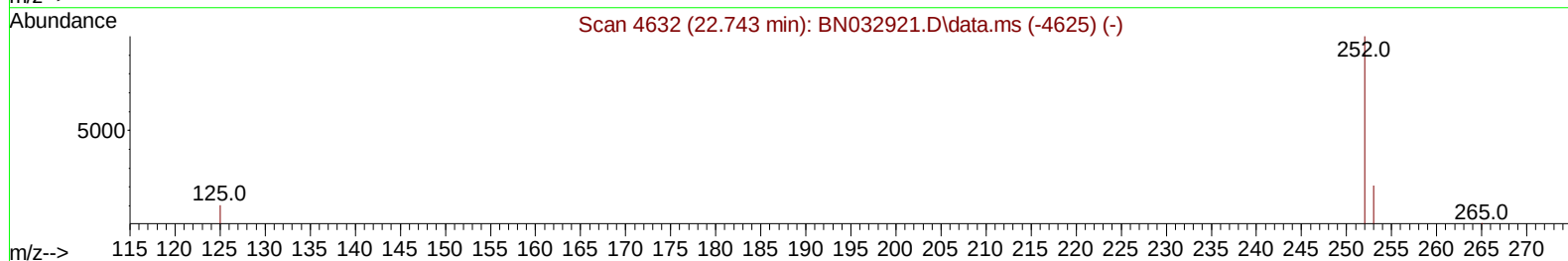
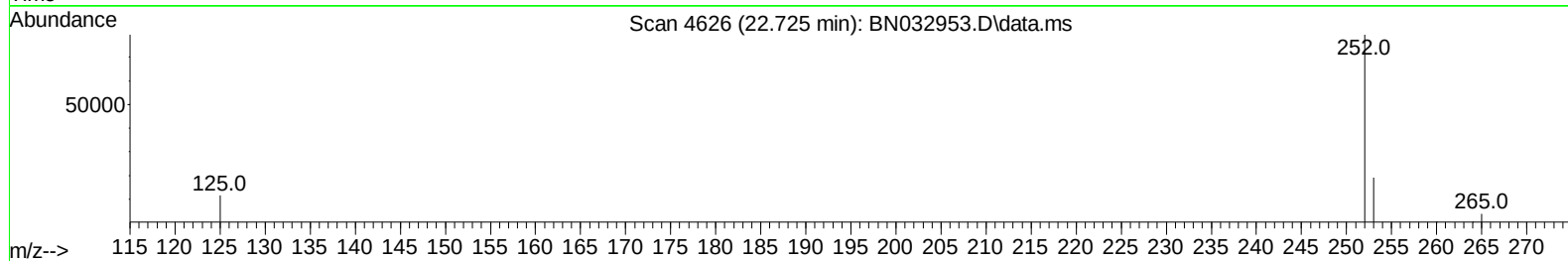
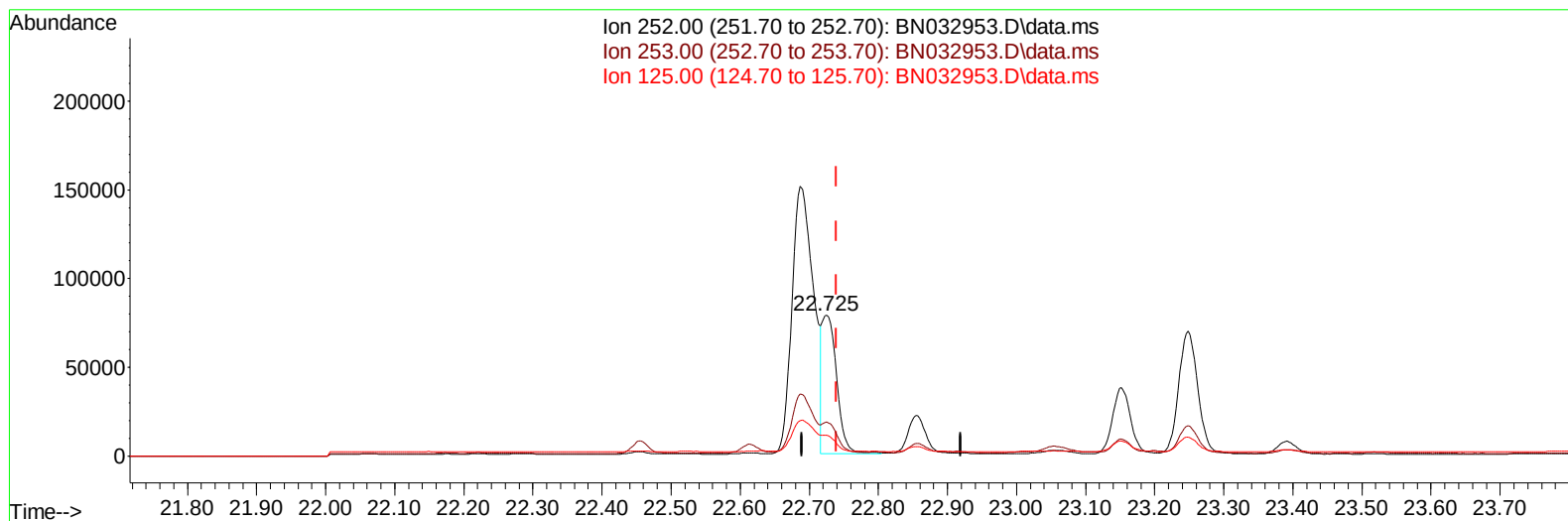
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032953.D\data.ms

(25) Benzo(k)fluoranthene

22.725min (-0.015) 2.20 ng/ul m

response 113893

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.03
125.00	18.50	14.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032953.D
 Acq On : 24 Jul 2024 17:48
 Operator : MA/JU
 Sample : P3238-05DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE8DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	3906	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.294	136	13016	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.170	164	6840	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.932	188	11388	0.400	ng/ul	-0.03
17) Chrysene-d12	21.150	240	9326m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	12017m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3221	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	870	0.044	ng/ul	-0.03
18) Fluoranthene-d10	18.976	212	1441	0.047	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	17191	0.492	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	6160	0.282	ng/ul	98
8) 1-Methylnaphthalene	12.191	142	4705	0.209	ng/ul	99
10) Acenaphthylene	13.892	152	8669	0.314	ng/ul	97
11) Acenaphthene	14.235	153	25833	1.130	ng/ul	98
12) Fluorene	15.234	166	25165	0.963	ng/ul	99
15) Phenanthrene	16.974	178	427370	13.780	ng/ul	99
16) Anthracene	17.071	178	72154m	2.848	ng/ul	
19) Fluoranthene	19.008	202	540435	14.253	ng/ul	97
20) Pyrene	19.375	202	428490	10.918	ng/ul	95
21) Benzo(a)anthracene	21.136	228	241874	8.148	ng/ul	99
22) Chrysene	21.188	228	250128	5.824	ng/ul	99
24) Benzo(b)fluoranthene	22.687	252	331964m	7.829	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	113893m	2.204	ng/ul	
26) Benzo(a)pyrene	23.248	252	132943	3.623	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.549	276	117833	2.372	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.542	278	40681	1.056	ng/ul#	95
29) Benzo(g,h,i)perylene	26.230	276	17017	0.410	ng/ul#	81

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

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