

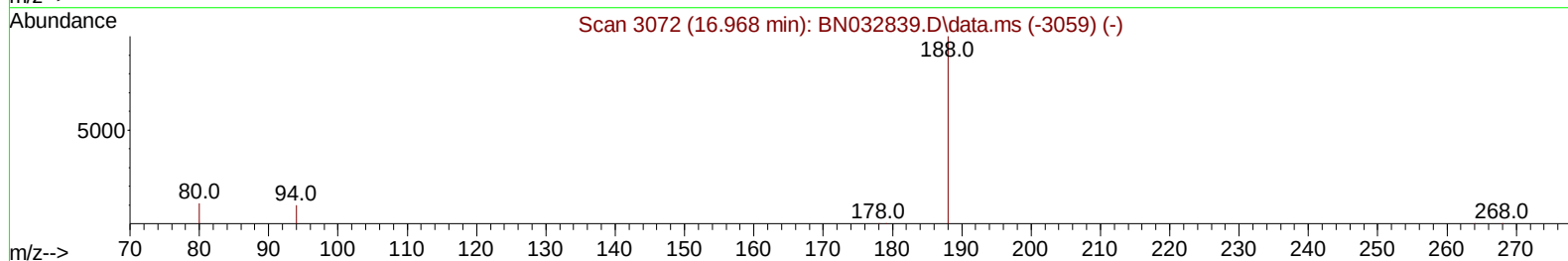
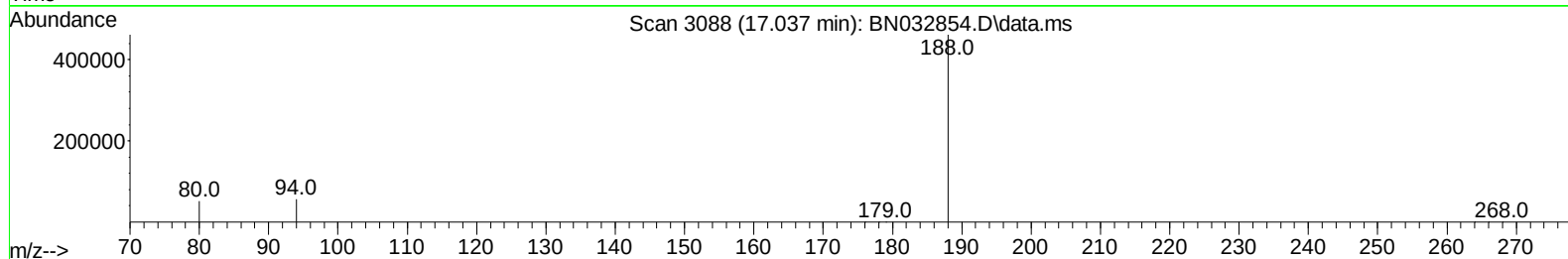
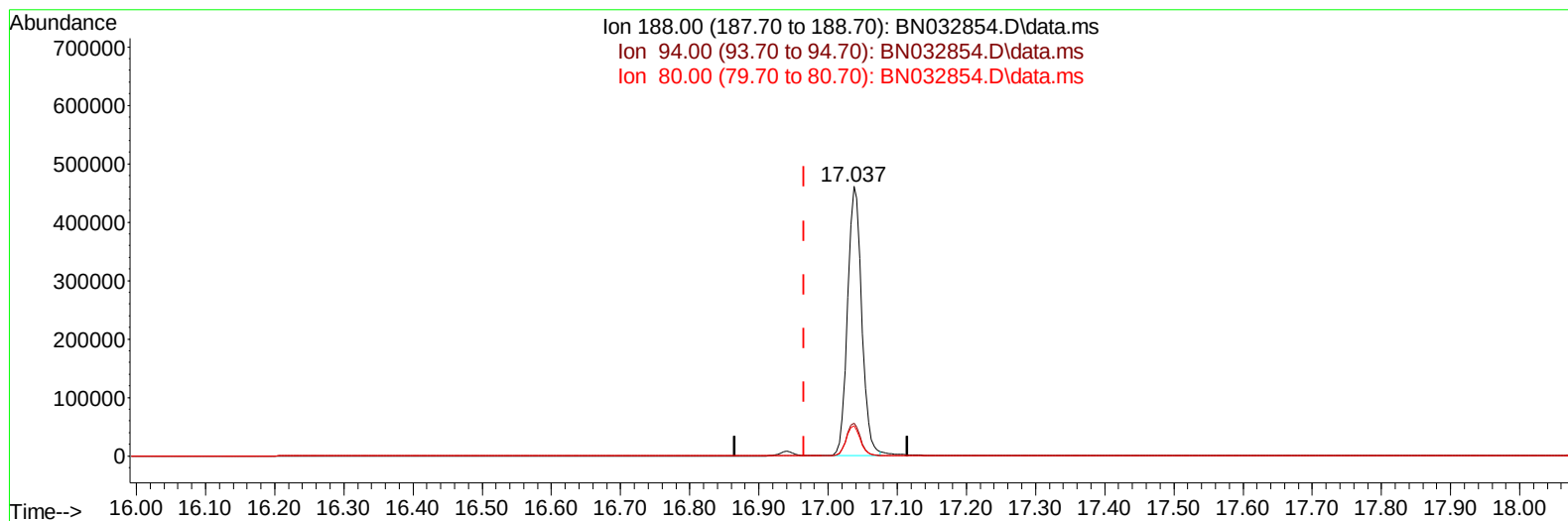
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:54:34 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032854.D\data.ms

(13) Phenanthrene-d10 (I)

17.037min (+ 0.072) 0.40 ng/u1

response 655750

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.25
80.00	12.00	11.20
0.00	0.00	0.00

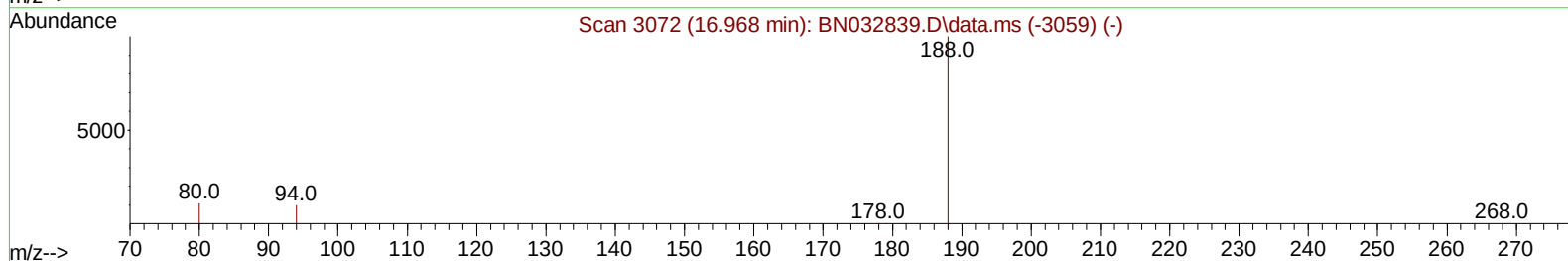
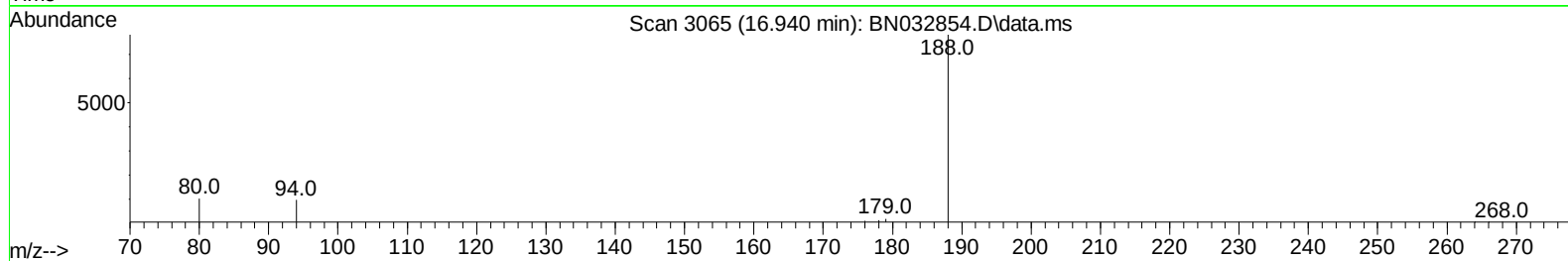
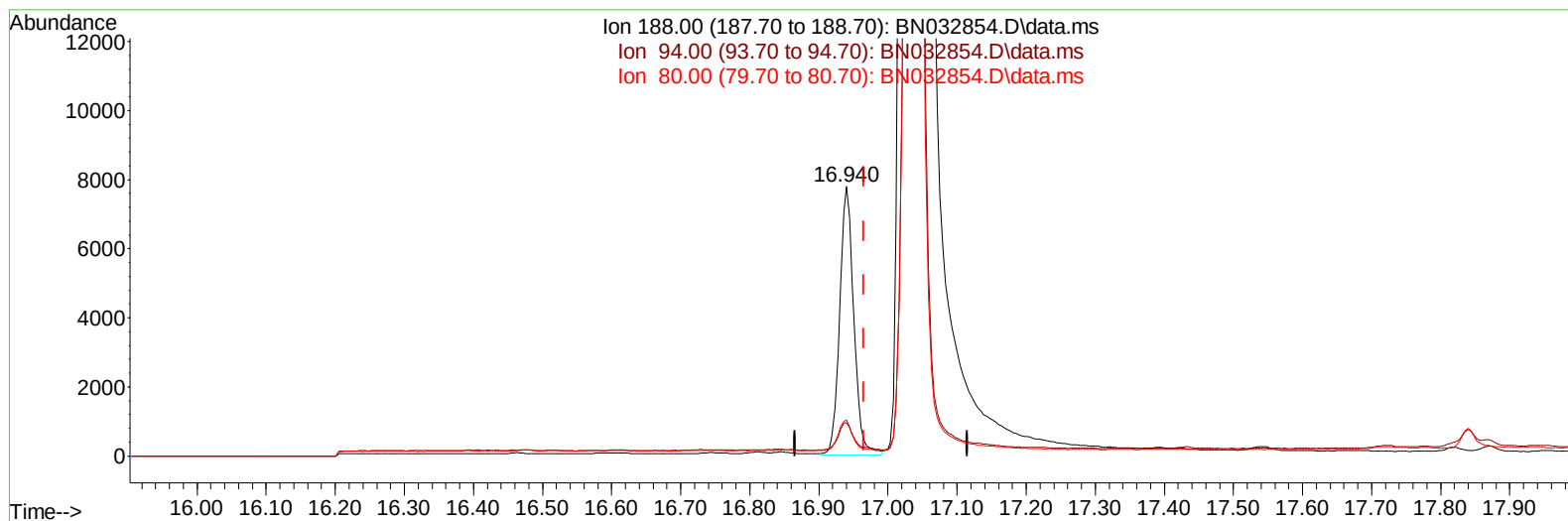
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/20/2024
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TIC: BN032854.D\data.ms

(13) Phenanthrene-d10 (I)

16.940min (-0.025) 0.40 ng/ul m

response 11042

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.43
80.00	12.00	13.28
0.00	0.00	0.00

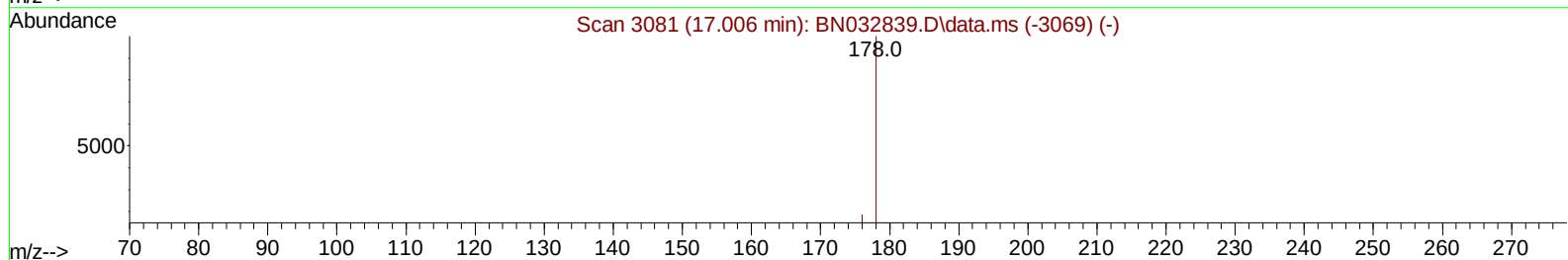
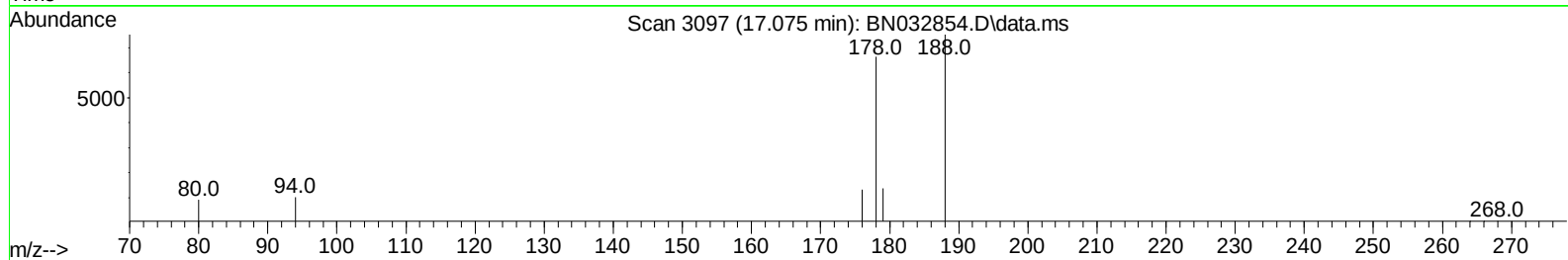
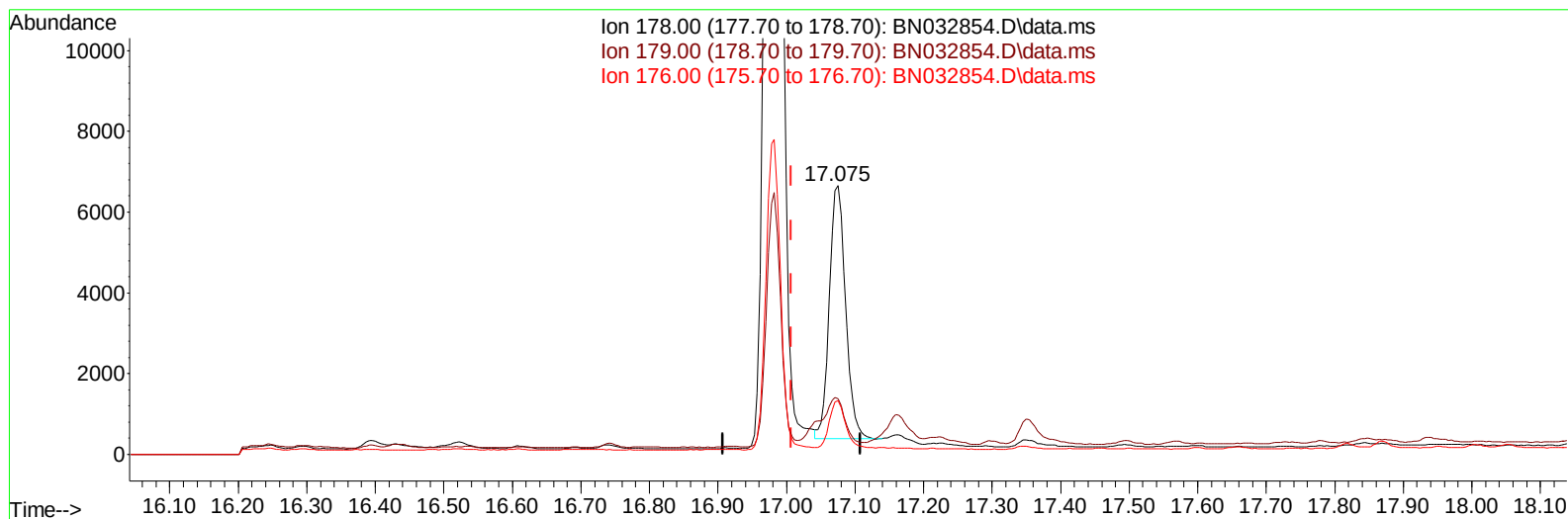
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

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TIC: BN032854.D\data.ms

(15) Phenanthrene

17.075min (+ 0.068) 0.34 ng/ul

response 10320

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	20.62#
176.00	19.50	19.95
0.00	0.00	0.00

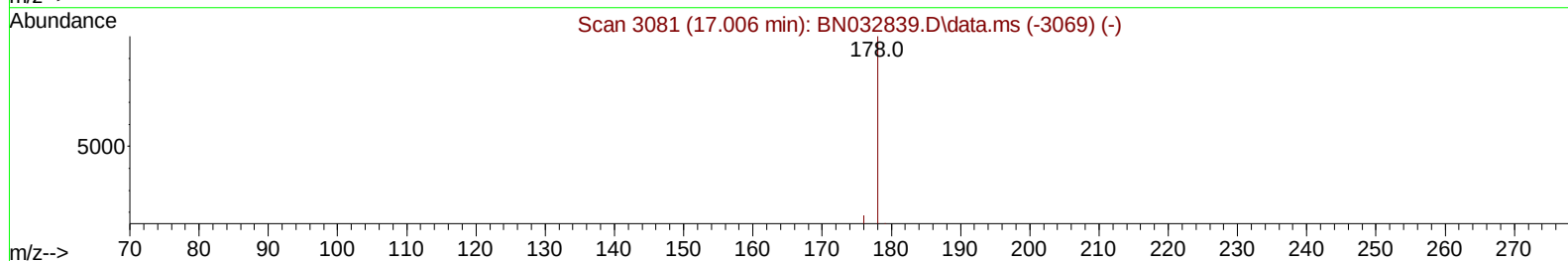
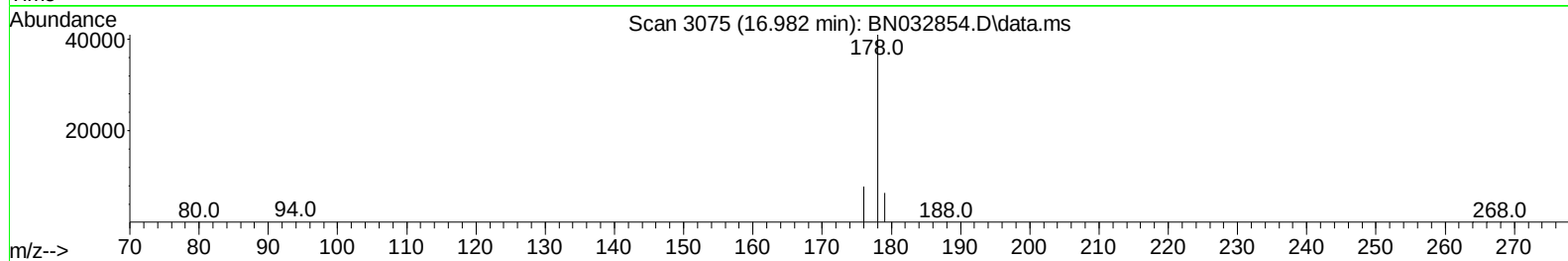
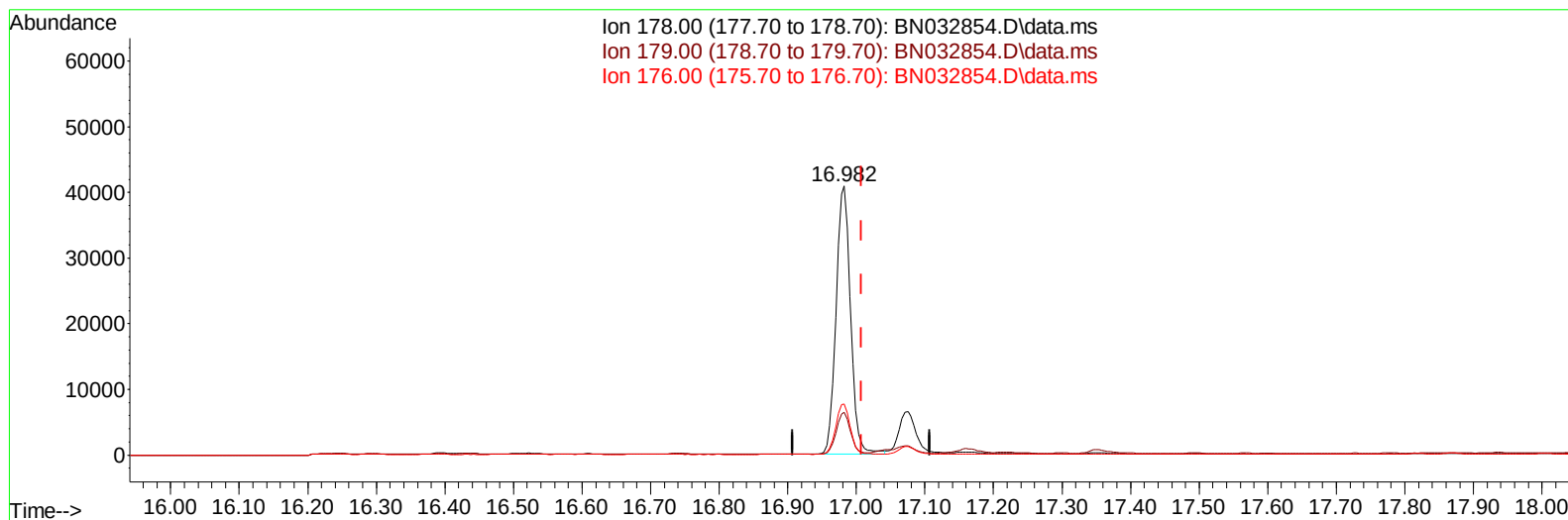
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

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TIC: BN032854.D\data.ms

(15) Phenanthrene

16.982min (-0.025) 2.01 ng/ul m

response 60375

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.83
176.00	19.50	19.05
0.00	0.00	0.00

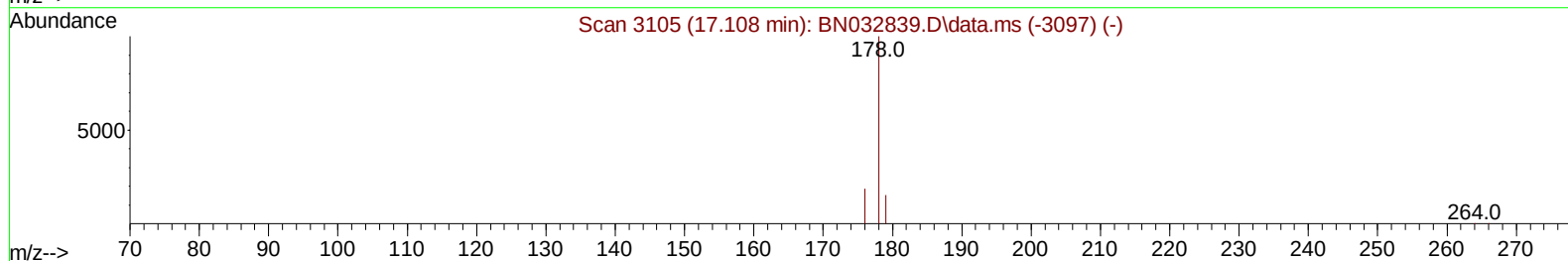
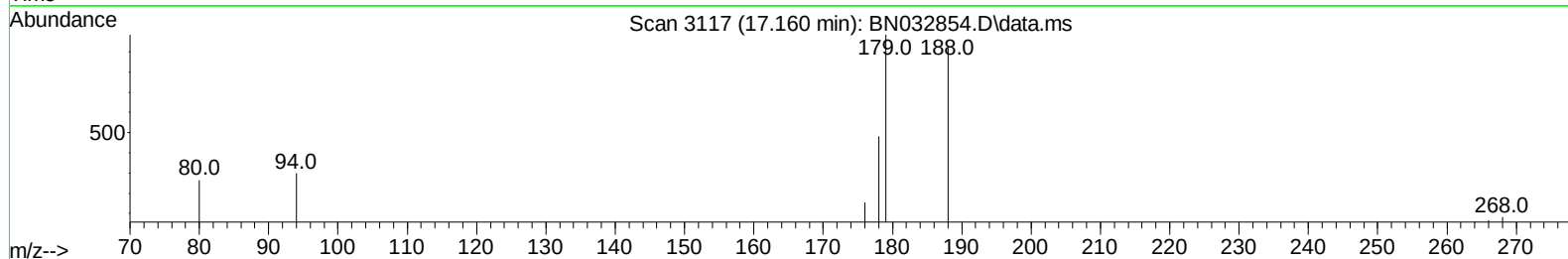
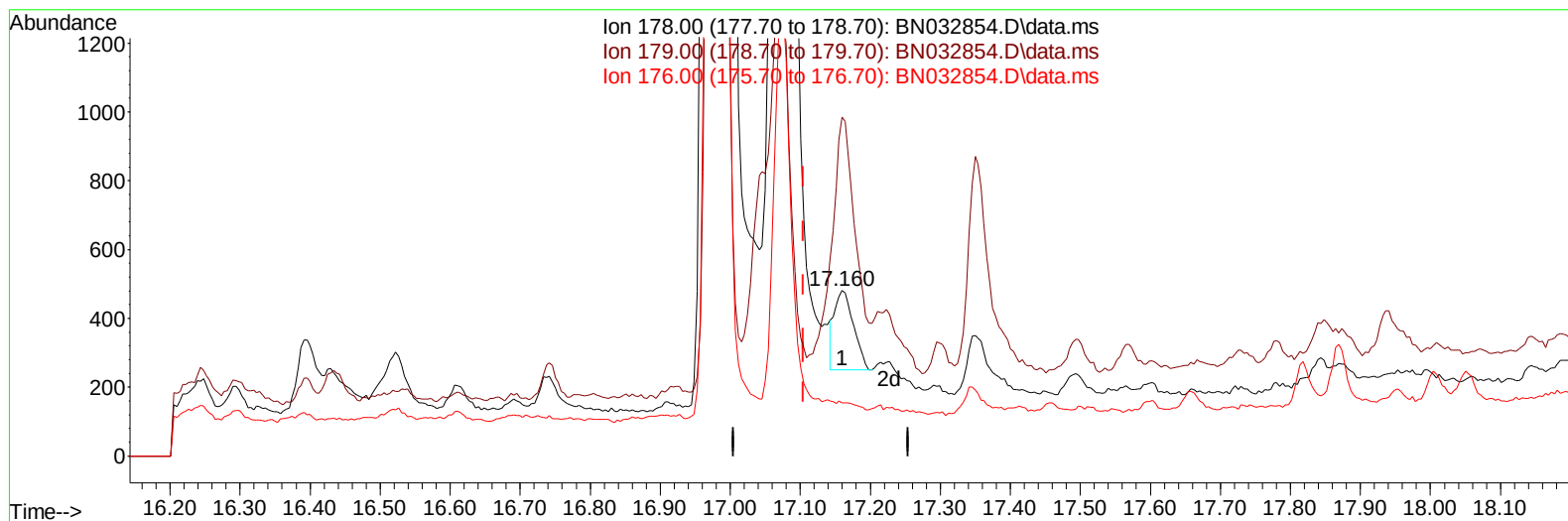
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

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TIC: BN032854.D\data.ms

(16) Anthracene

17.160min (+ 0.055) 0.02 ng/u1

response 431

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	204.36#
176.00	19.20	31.95#
0.00	0.00	0.00

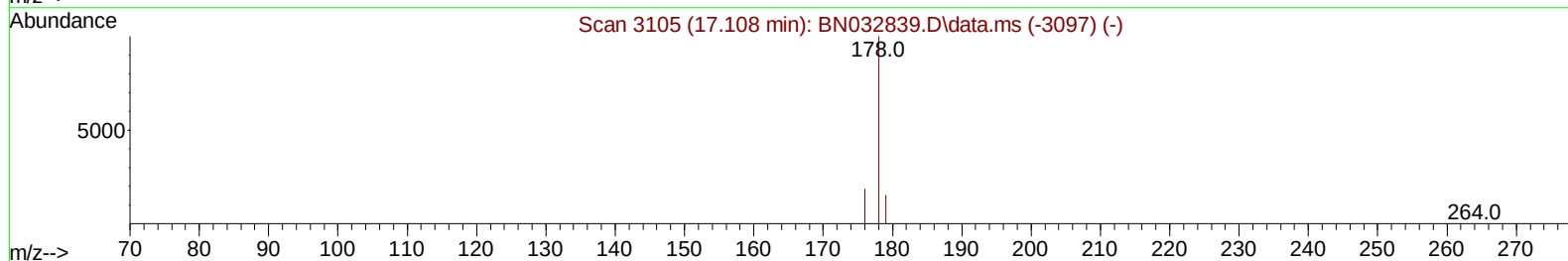
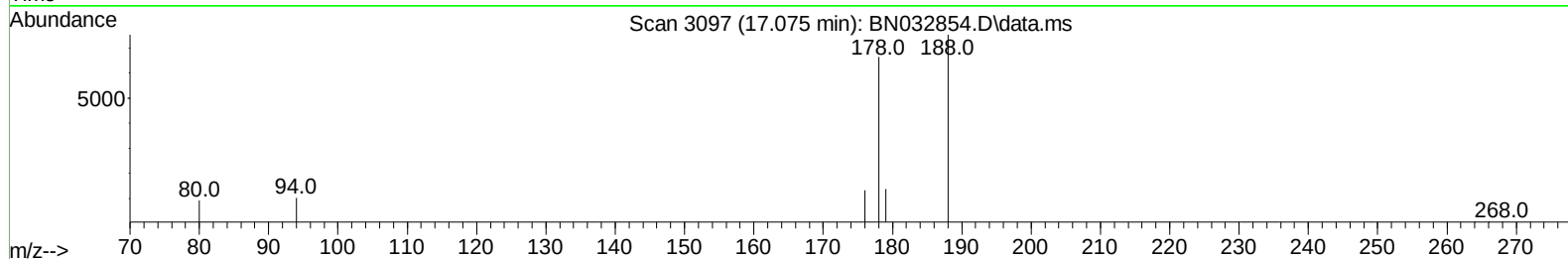
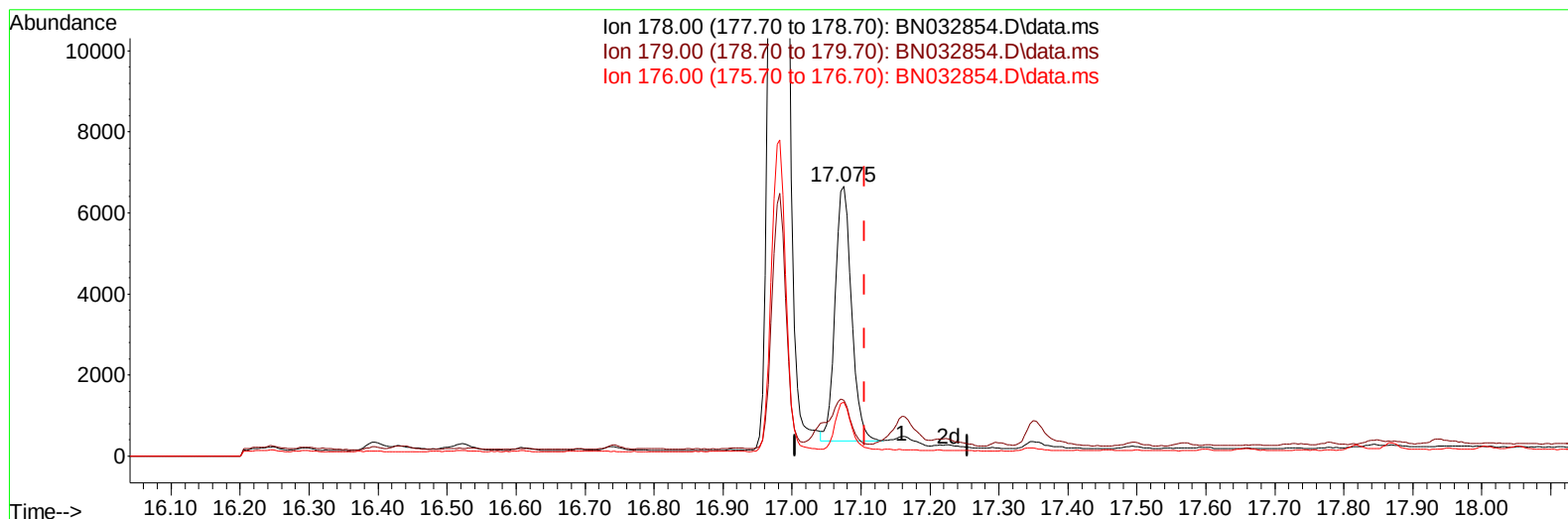
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 23:54:34 2024
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Response via : Initial Calibration



TIC: BN032854.D\data.ms

(16) Anthracene

17.075min (-0.030) 0.42 ng/ul m

response 10399

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	20.62#
176.00	19.20	19.95
0.00	0.00	0.00

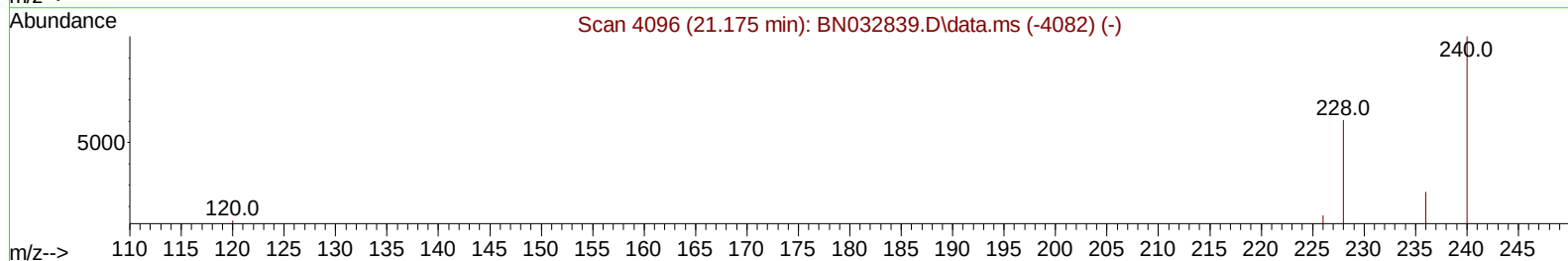
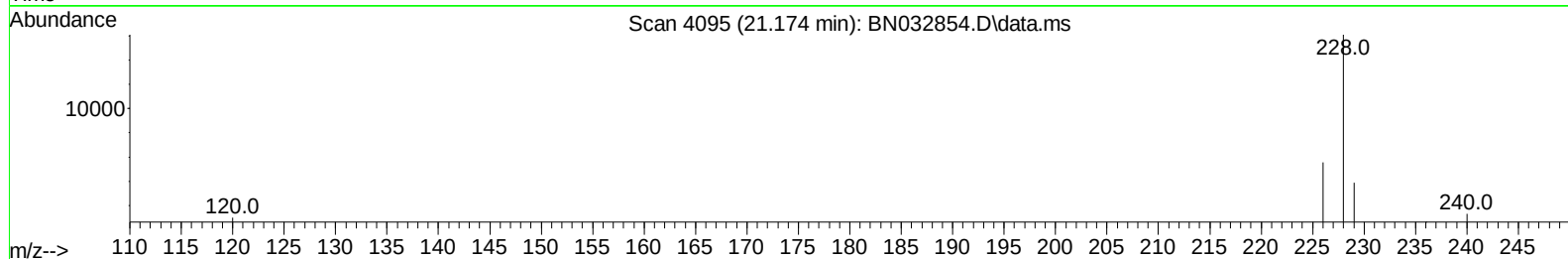
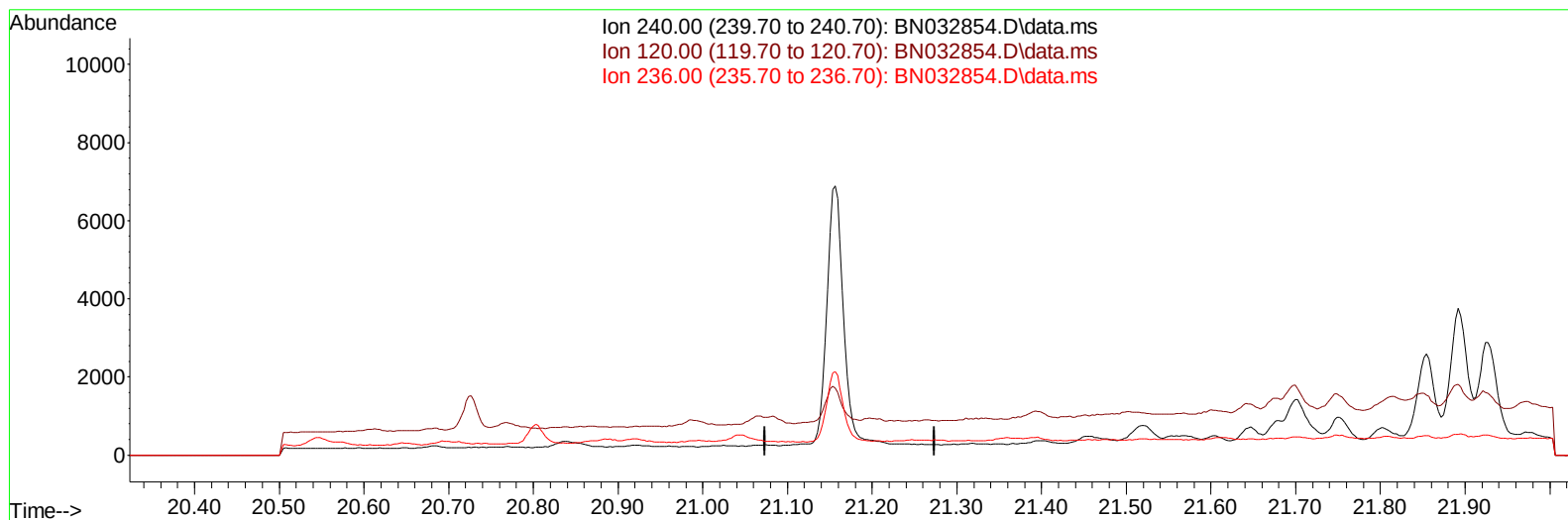
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

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TIC: BN032854.D\data.ms

(17) Chrysene-d12

21.174min (-21.174) 0.00 ng/u1

response 0

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

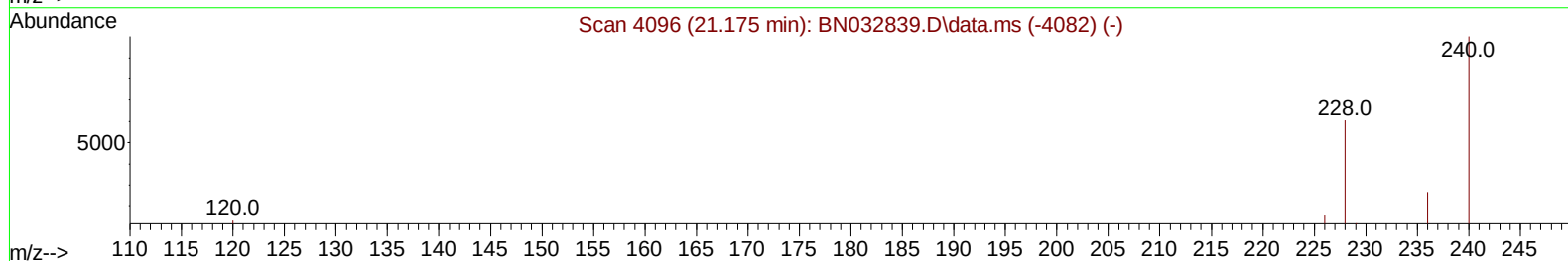
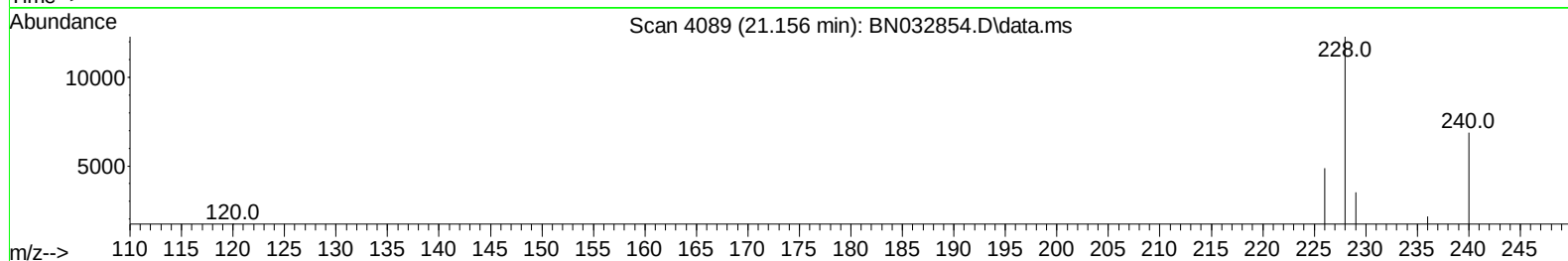
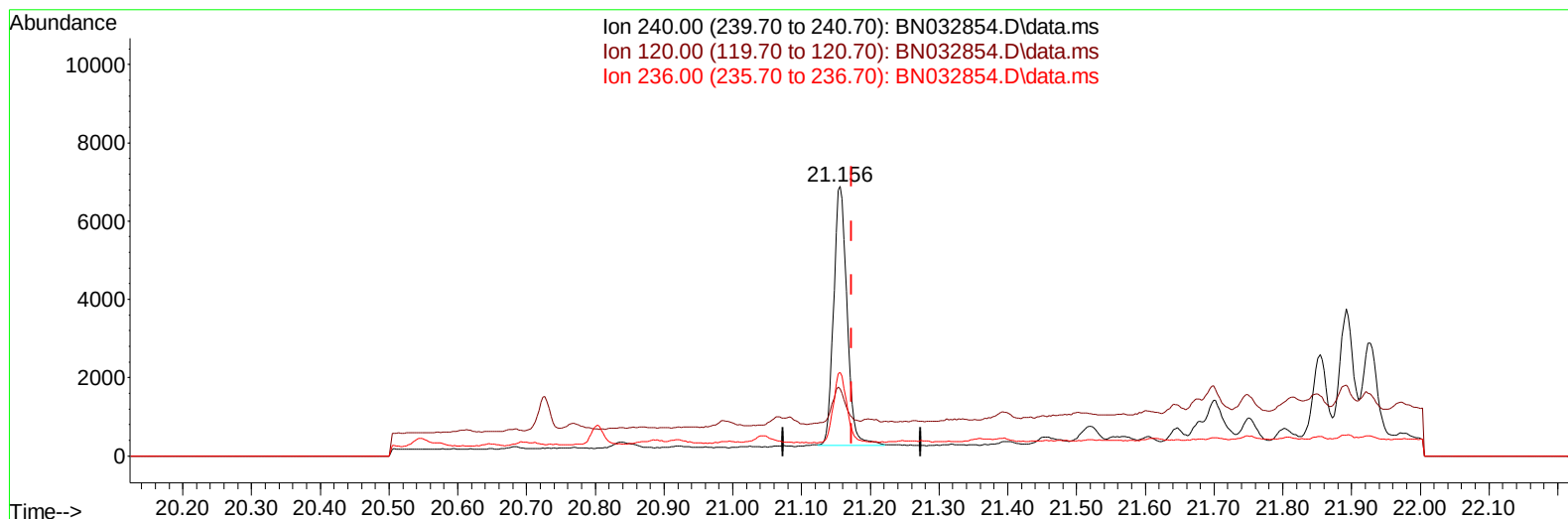
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:54:34 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 : Wed Jul 17 02:35:25 2024
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TIC: BN032854.D\data.ms

(17) Chrysene-d12

21.156min (-0.018) 0.40 ng/ul m

response 9008

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	24.96#
236.00	28.40	31.03
0.00	0.00	0.00

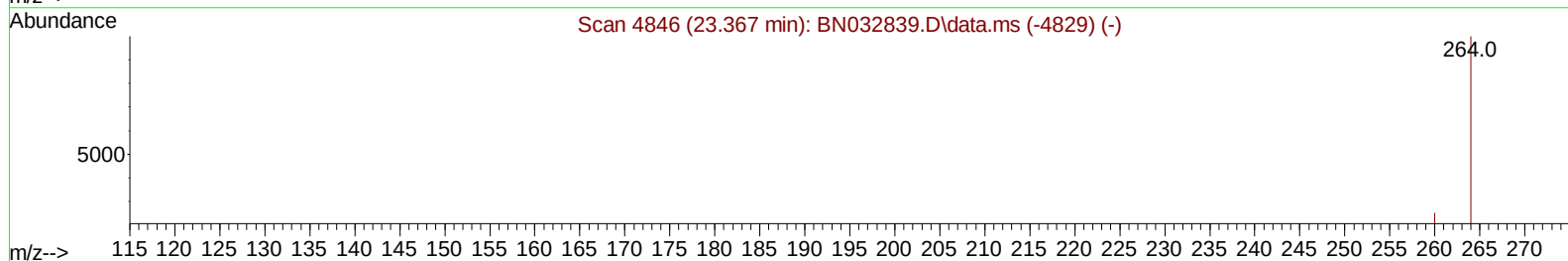
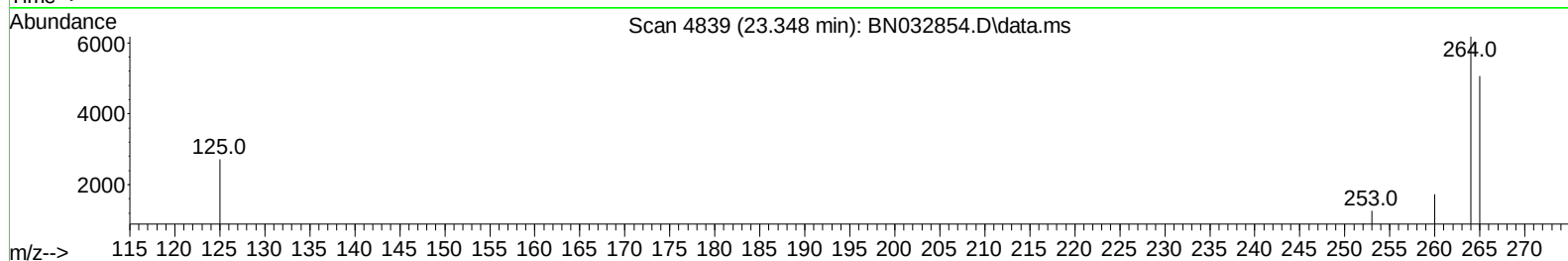
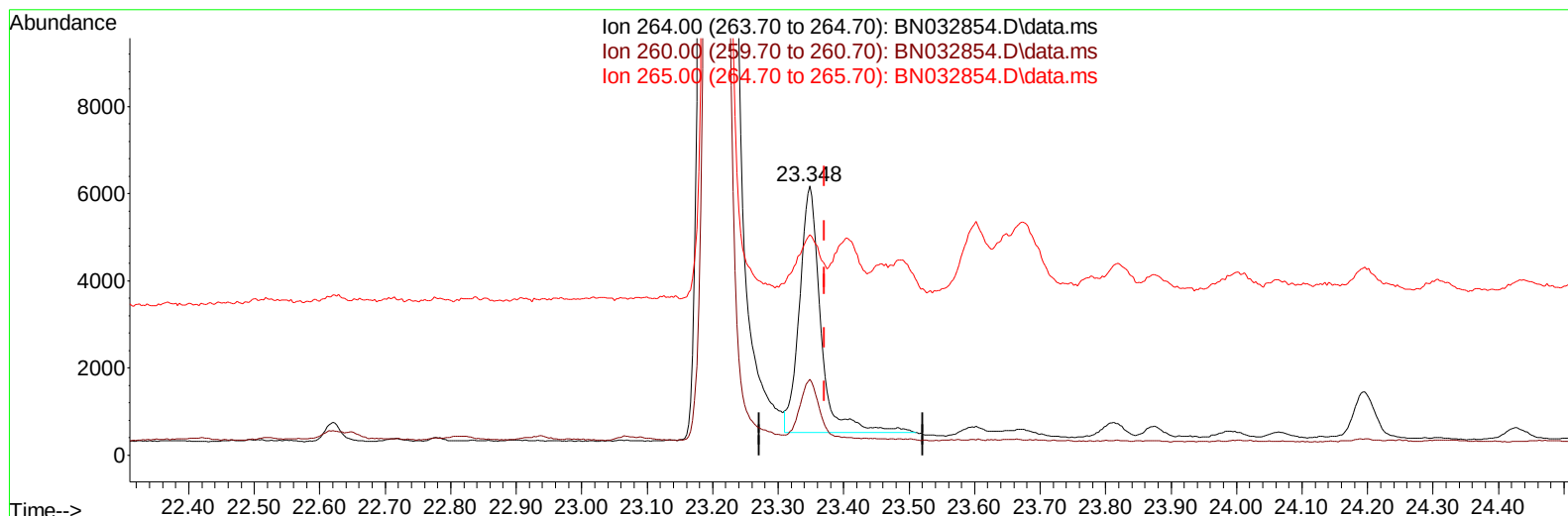
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

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TIC: BN032854.D\data.ms

(23) Perylene-d12 (I)

23.348min (-0.023) 0.40 ng/u1

response 12628

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.16
265.00	95.50	81.90
0.00	0.00	0.00

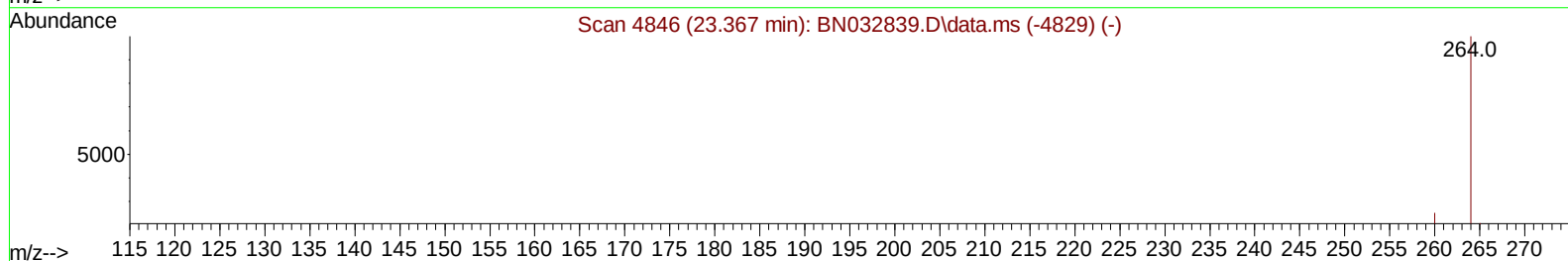
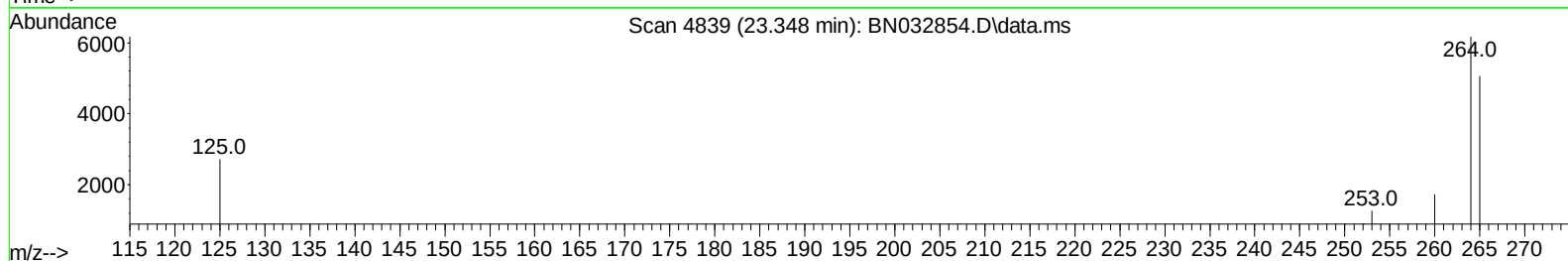
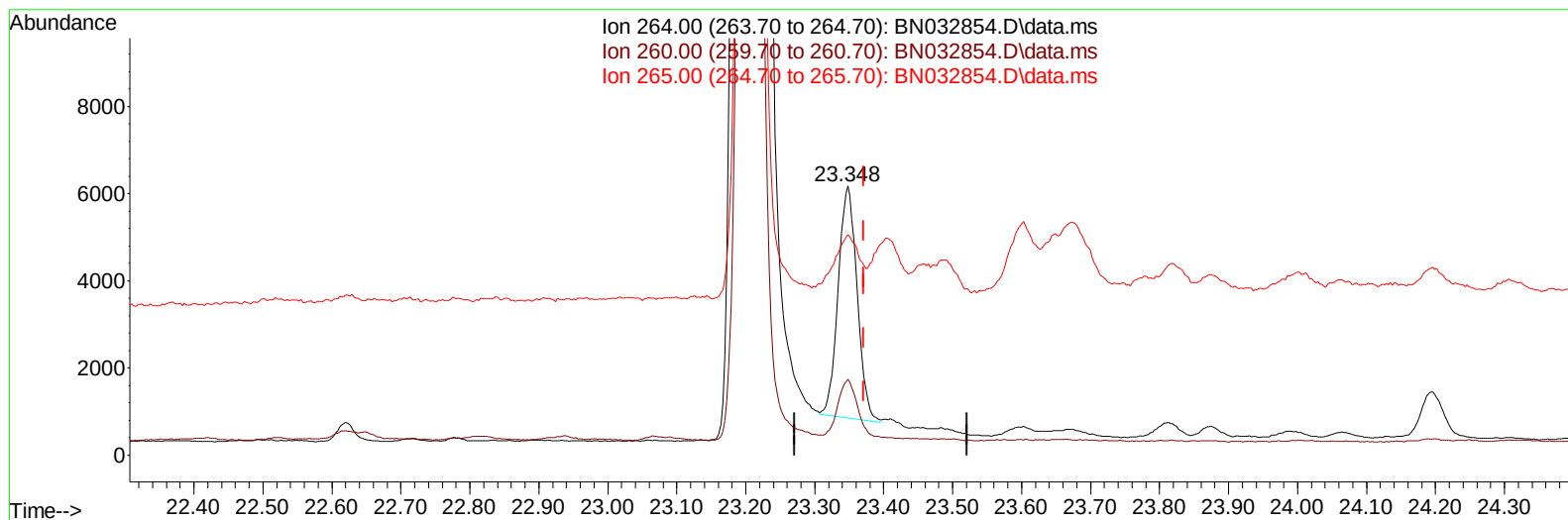
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:54:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032854.D\data.ms

(23) Perylene-d12 (I)

23.348min (-0.023) 0.40 ng/ul m

response 10107

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.16
265.00	95.50	81.90
0.00	0.00	0.00

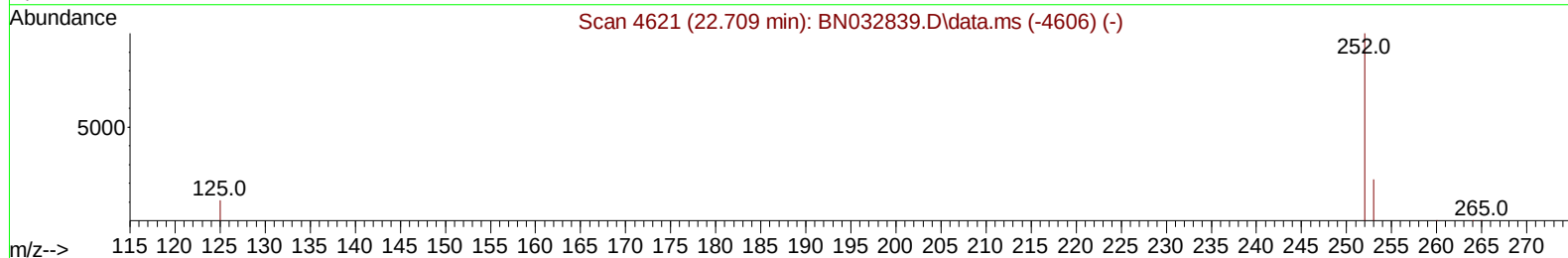
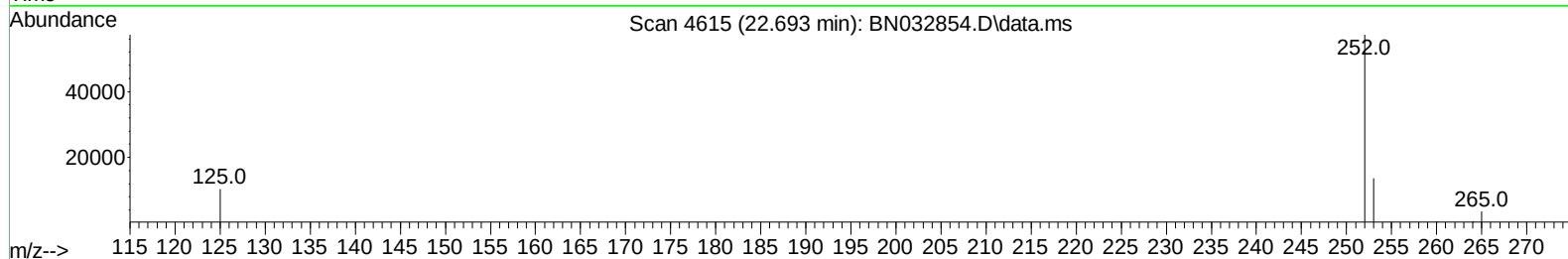
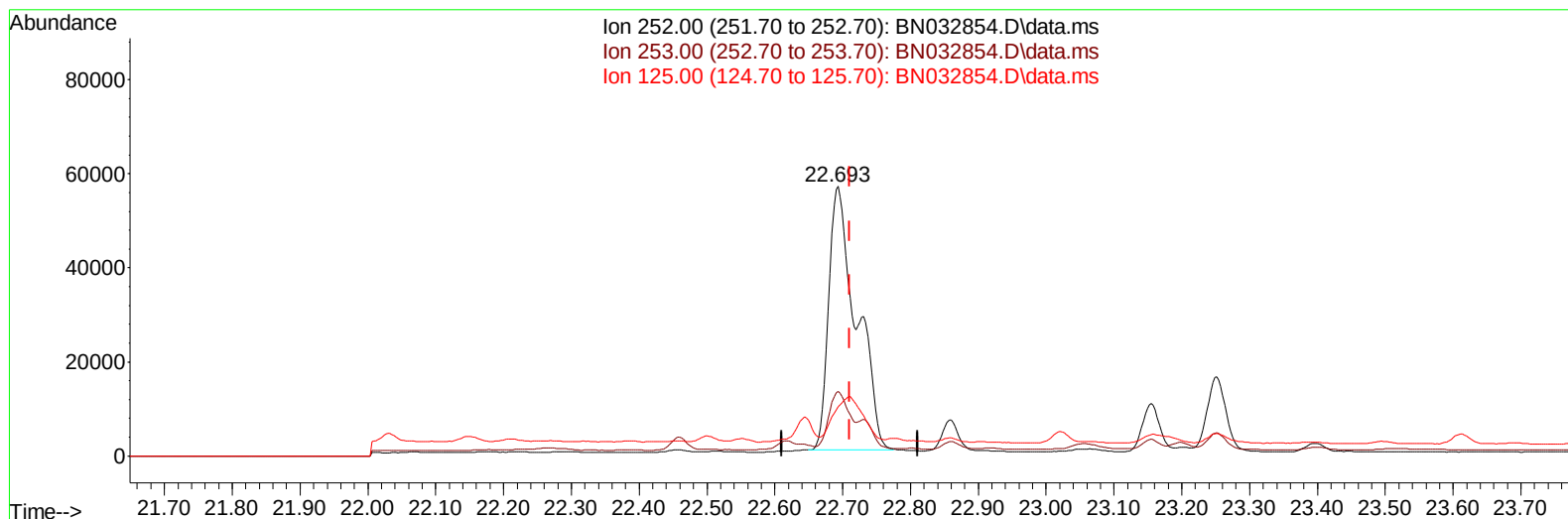
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
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Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032854.D\data.ms

(24) Benzo(b)fluoranthene

22.693min (-0.018) 4.46 ng/u1

response 159037

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.01
125.00	18.00	18.20
0.00	0.00	0.00

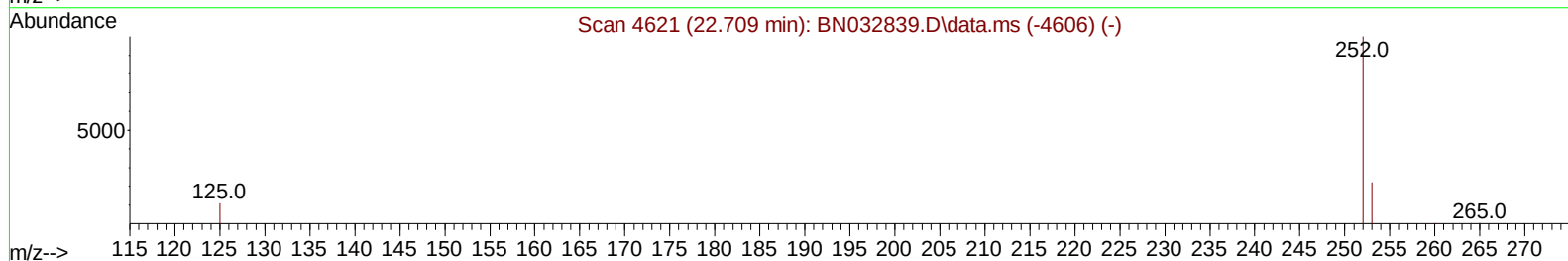
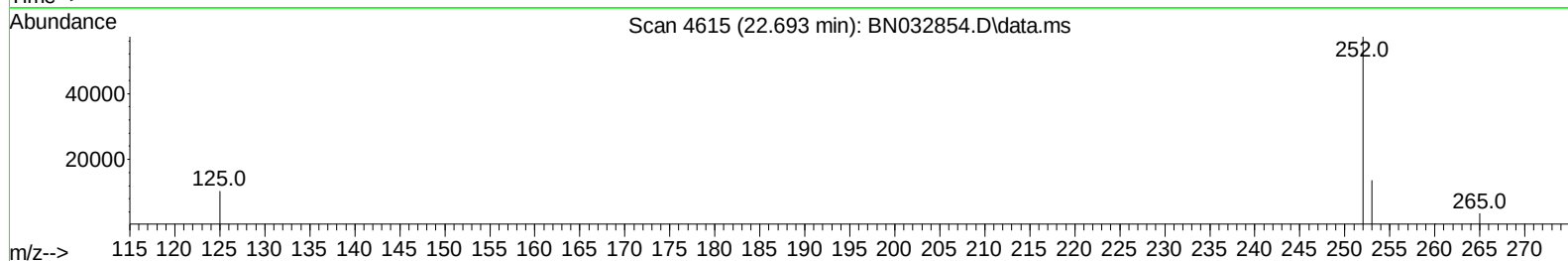
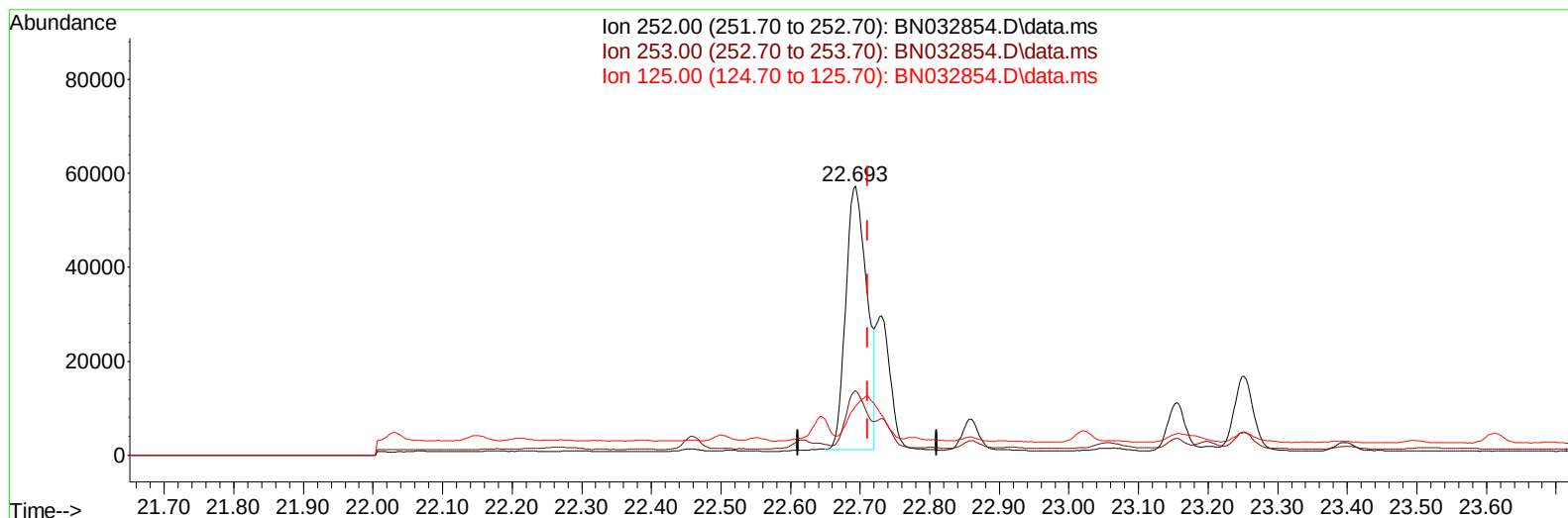
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

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TIC: BN032854.D\data.ms

(24) Benzo(b)fluoranthene

22.693min (-0.018) 3.31 ng/ul m

response 118188

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.01
125.00	18.00	18.20
0.00	0.00	0.00

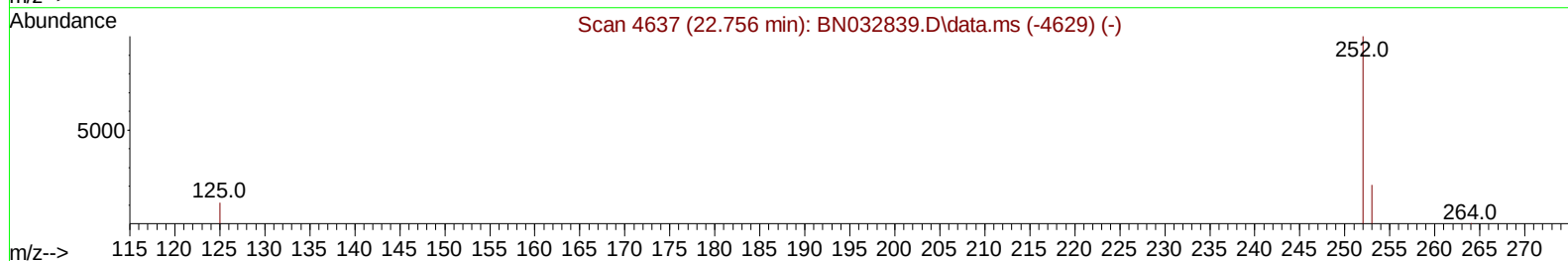
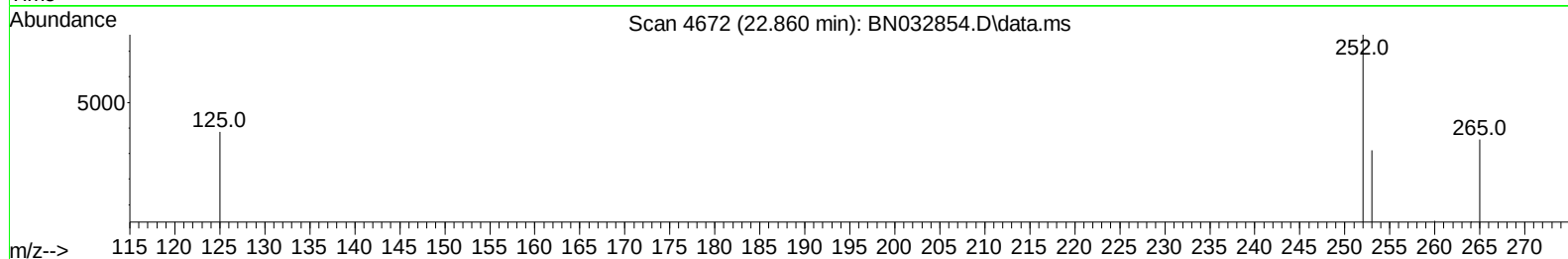
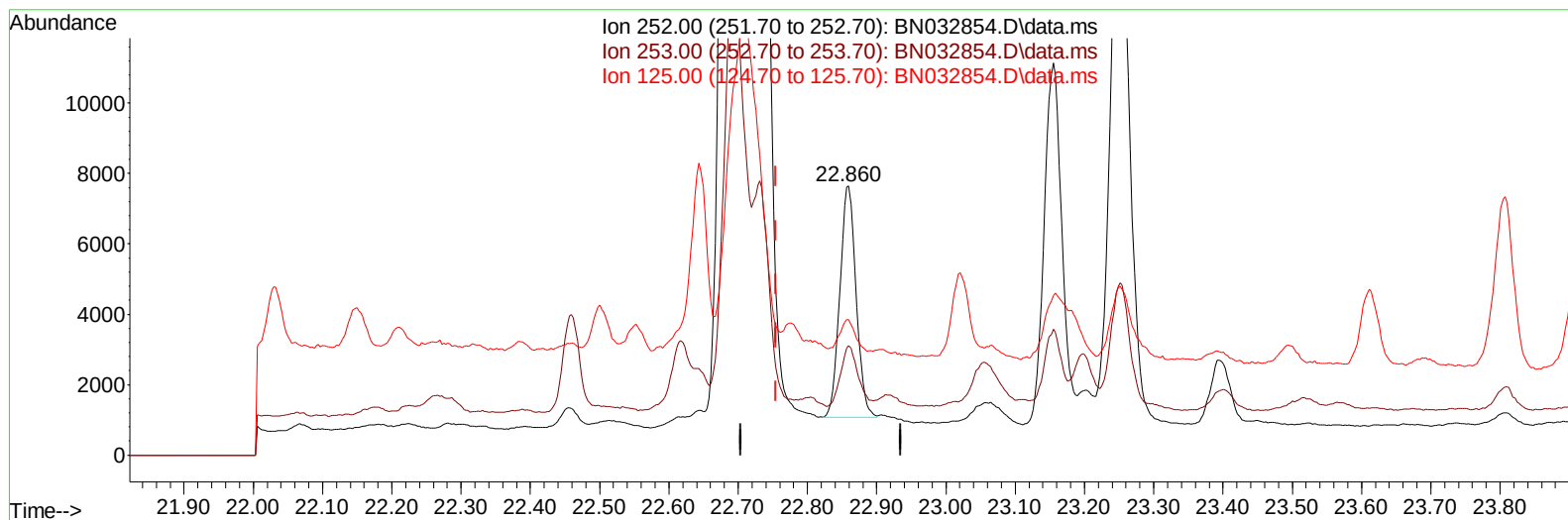
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Data File : BN032854.D
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Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

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TIC: BN032854.D\data.ms

(25) Benzo(k)fluoranthene

22.860min (+ 0.105) 0.25 ng/u1

response 10728

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	40.78#
125.00	18.50	50.32#
0.00	0.00	0.00

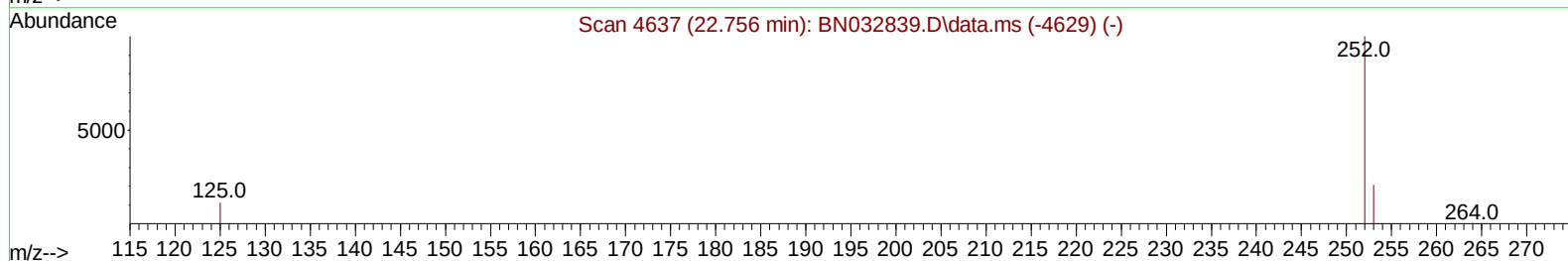
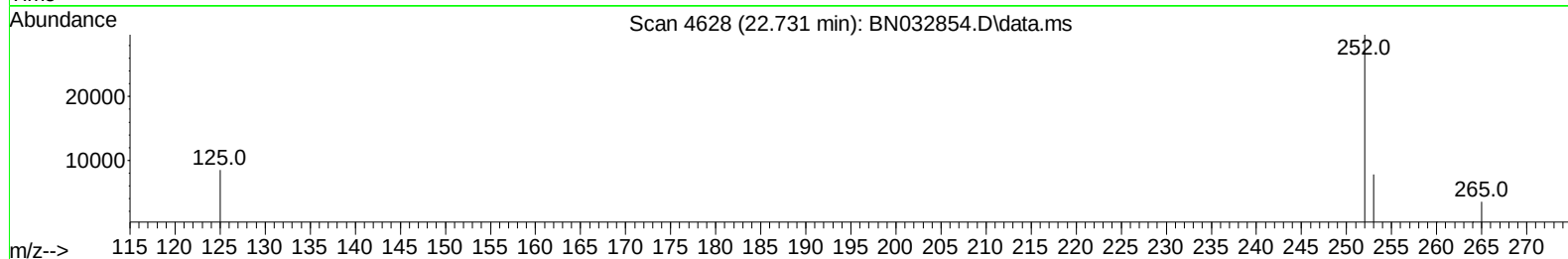
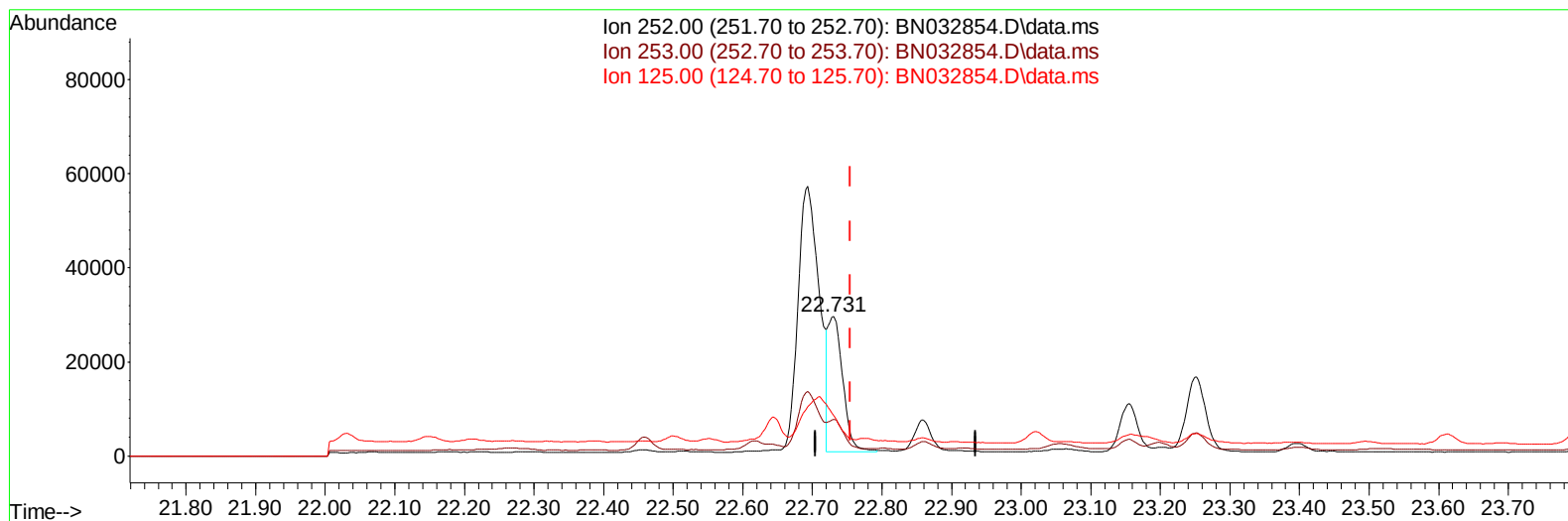
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032854.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : P3178-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 23:54:34 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032854.D\data.ms

(25) Benzo(k)fluoranthene

22.731min (-0.023) 0.98 ng/ul m

response 42478

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	26.23
125.00	18.50	28.77#
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.528	152		3825	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.294	136		12217	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164		6491	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.940	188		11042m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.156	240		9008m	0.400	ng/ul	-0.02
23) Perylene-d12	23.348	264		10107m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.089	96		17098	3.723	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.900	152		4679	0.253	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212		7479	0.255	ng/ul	-0.02
Target Compounds							Qvalue
5) Naphthalene	10.343	128		3105	0.095	ng/ul#	93
7) 2-Methylnaphthalene	11.977	142		1100	0.054	ng/ul	97
8) 1-Methylnaphthalene	12.197	142		831	0.039	ng/ul	97
10) Acenaphthylene	13.902	152		3649	0.139	ng/ul#	92
11) Acenaphthene	14.244	153		3072	0.142	ng/ul	99
12) Fluorene	15.239	166		3355	0.135	ng/ul#	98
15) Phenanthrene	16.982	178		60375m	2.008	ng/ul	
16) Anthracene	17.075	178		10399m	0.423	ng/ul	
19) Fluoranthene	19.013	202		137770	3.762	ng/ul	98
20) Pyrene	19.380	202		82807	2.184	ng/ul	98
21) Benzo(a)anthracene	21.139	228		65397	2.281	ng/ul	98
22) Chrysene	21.191	228		80293	1.936	ng/ul	97
24) Benzo(b)fluoranthene	22.693	252		118188m	3.314	ng/ul	
25) Benzo(k)fluoranthene	22.731	252		42478m	0.977	ng/ul	
26) Benzo(a)pyrene	23.252	252		31121	1.008	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.556	276		36173	0.866	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.546	278		14651	0.452	ng/ul#	60
29) Benzo(g,h,i)perylene	26.237	276		5591	0.160	ng/ul#	43

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

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