

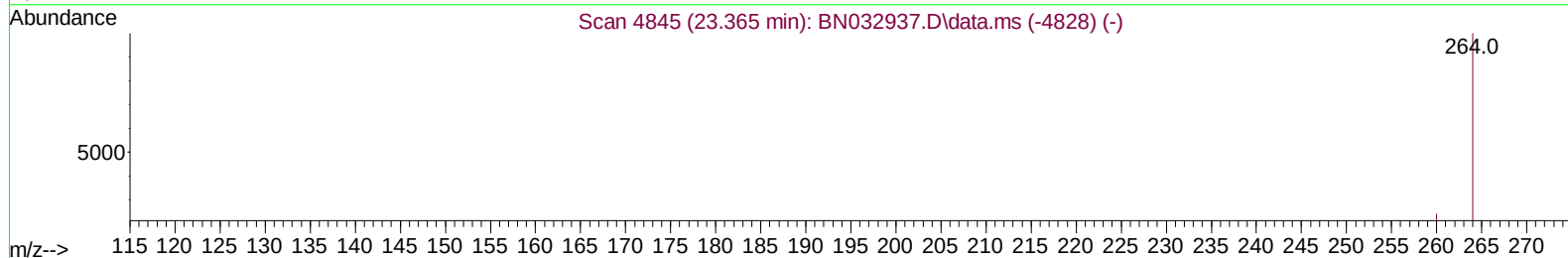
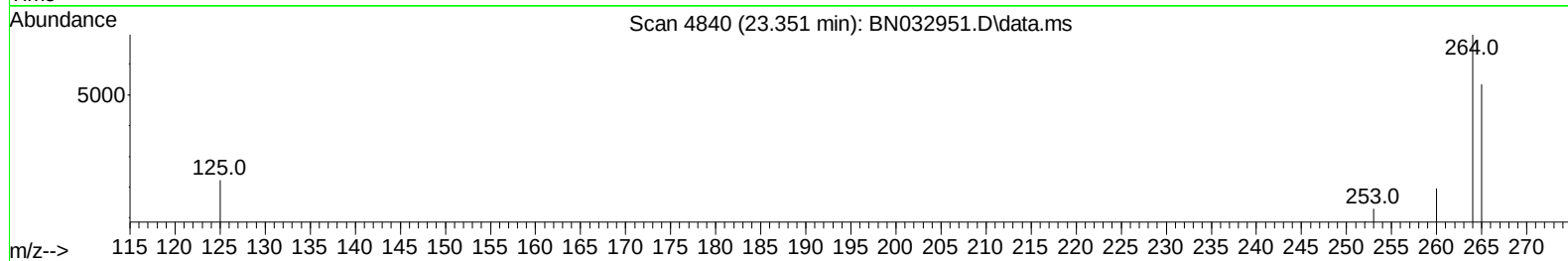
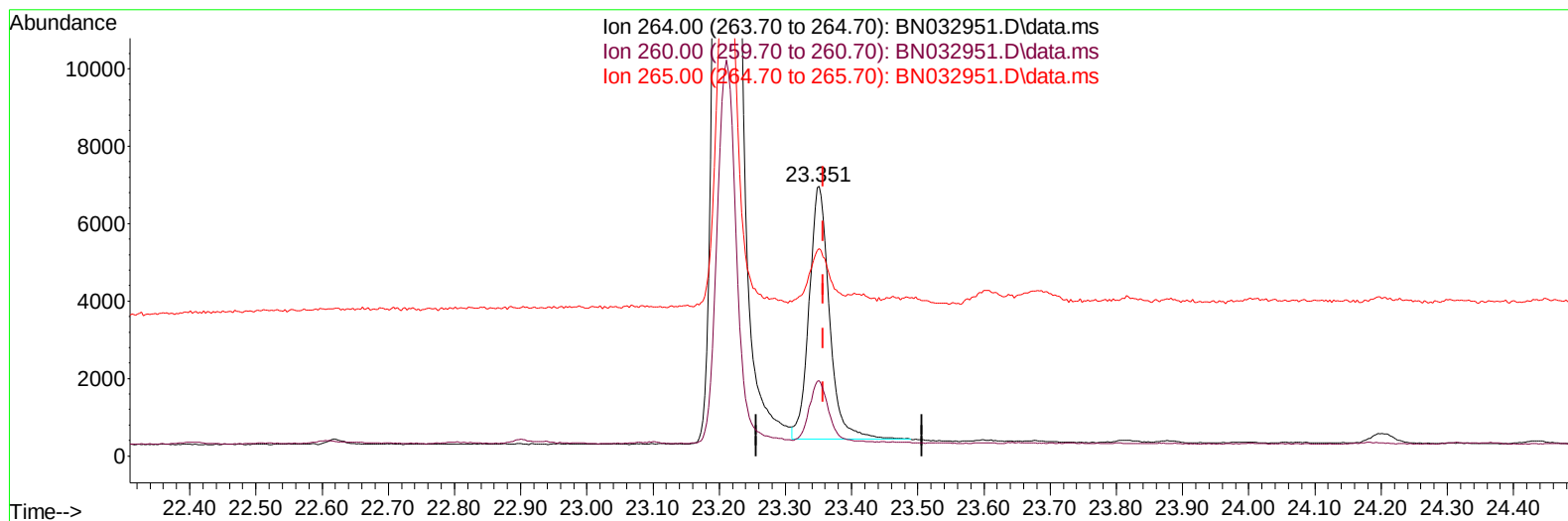
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032951.D
Acq On : 24 Jul 2024 16:36
Operator : MA/JU
Sample : P3201-15DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 17:27:12 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: BN032951.D\data.ms

(23) Perylene-d12 (I)

23.351min (-0.006) 0.40 ng/u1

response 13874

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.05
265.00	95.50	76.92
0.00	0.00	0.00

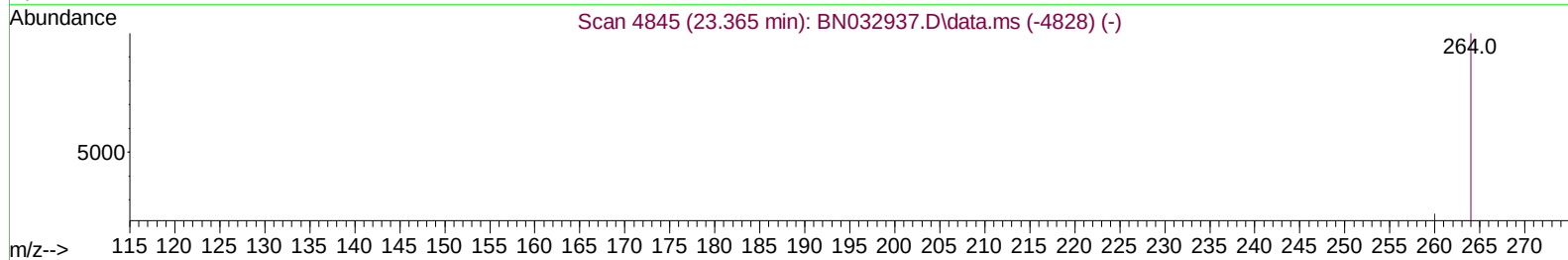
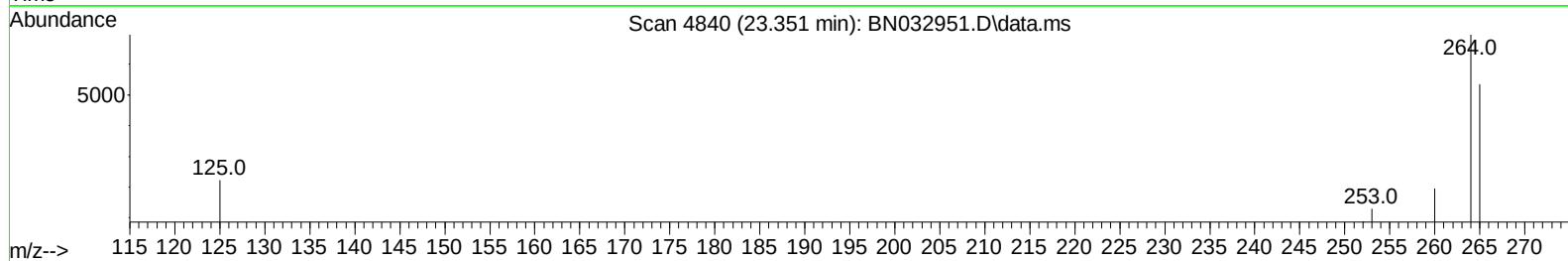
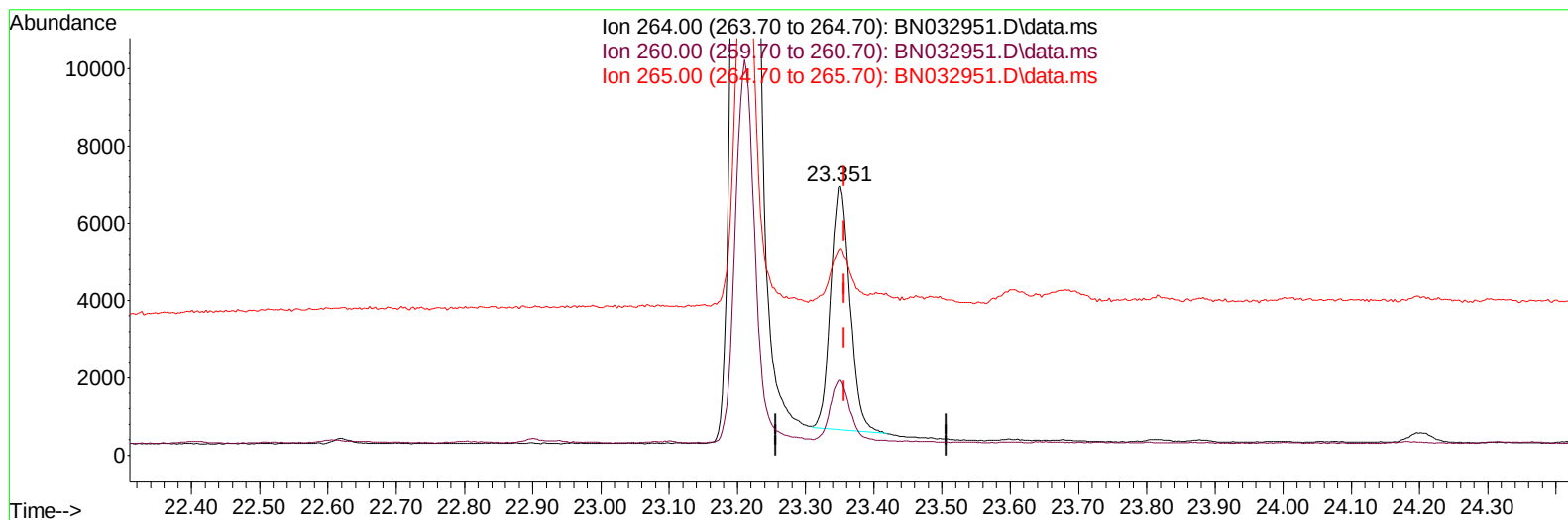
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
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Operator : MA/JU
Sample : P3201-15DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH9DL

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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: BN032951.D\data.ms

(23) Perylene-d12 (I)

23.351min (-0.006) 0.40 ng/ul m

response 12410

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.05
265.00	95.50	76.92
0.00	0.00	0.00

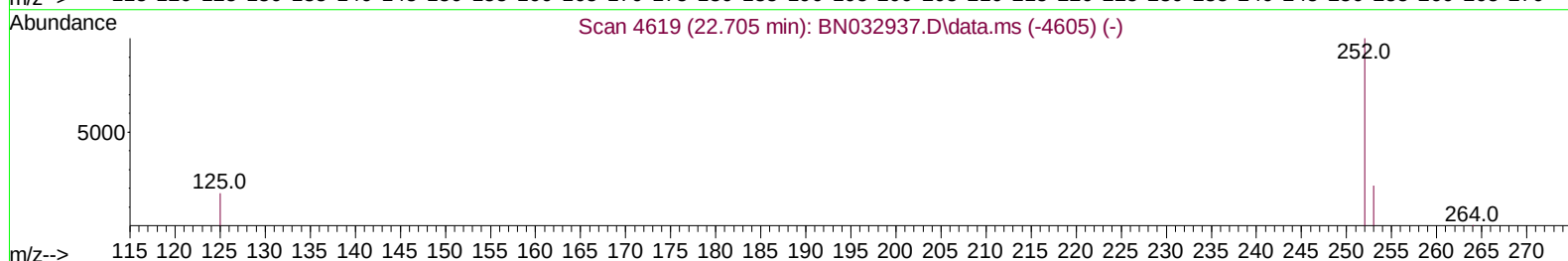
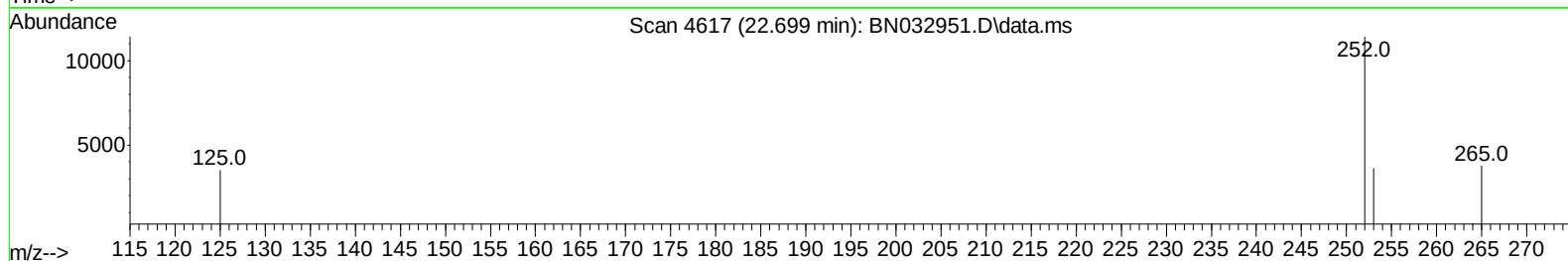
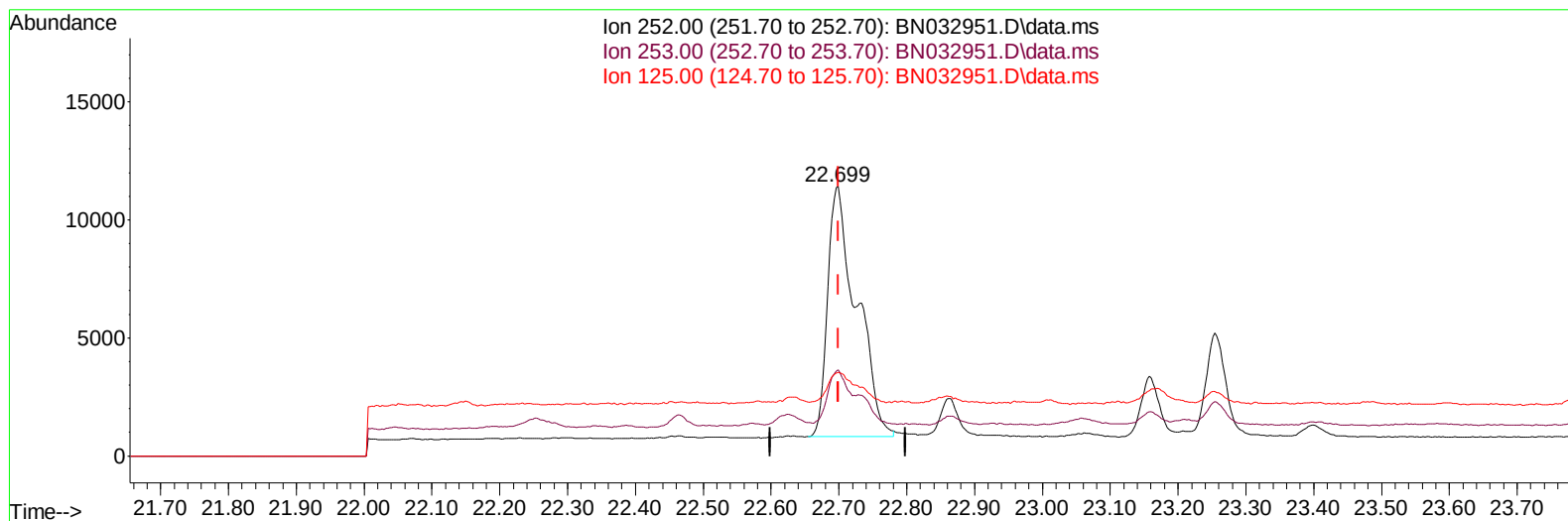
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Data File : BN032951.D
Acq On : 24 Jul 2024 16:36
Operator : MA/JU
Sample : P3201-15DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH9DL

Manual IntegrationsAPPROVED

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TIC: BN032951.D\data.ms

(24) Benzo(b)fluoranthene

22.699min (-0.000) 0.72 ng/u1

response 31404

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.89
125.00	18.00	30.96
0.00	0.00	0.00

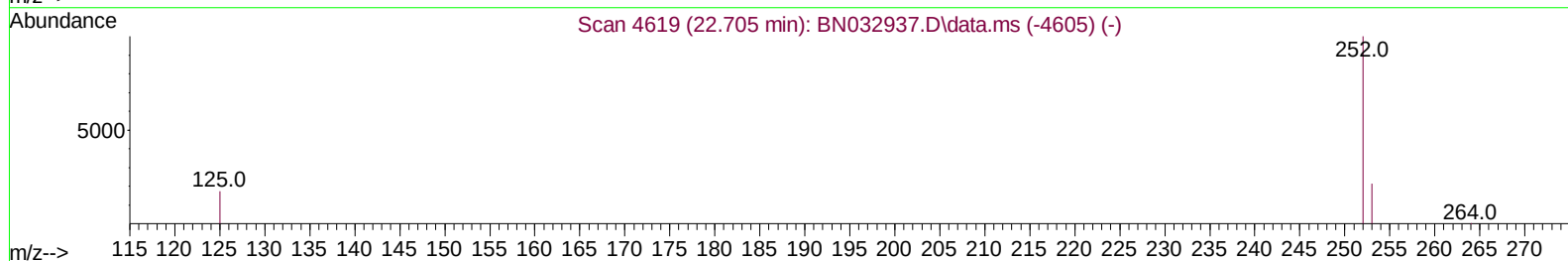
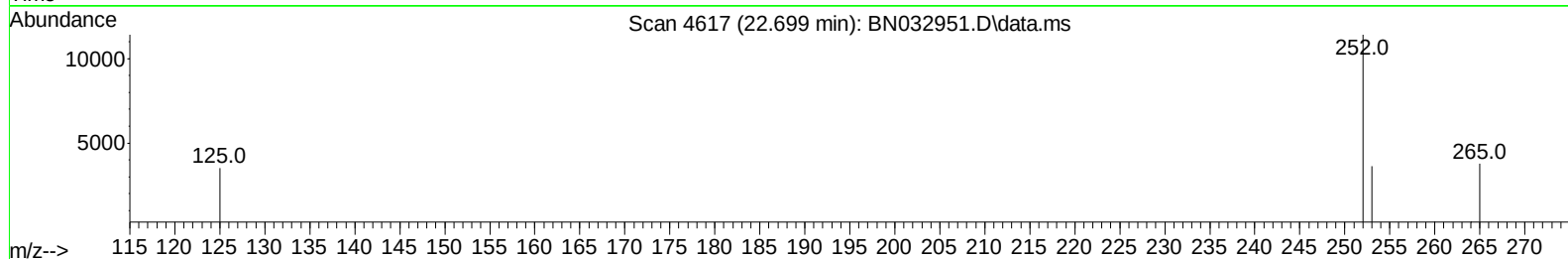
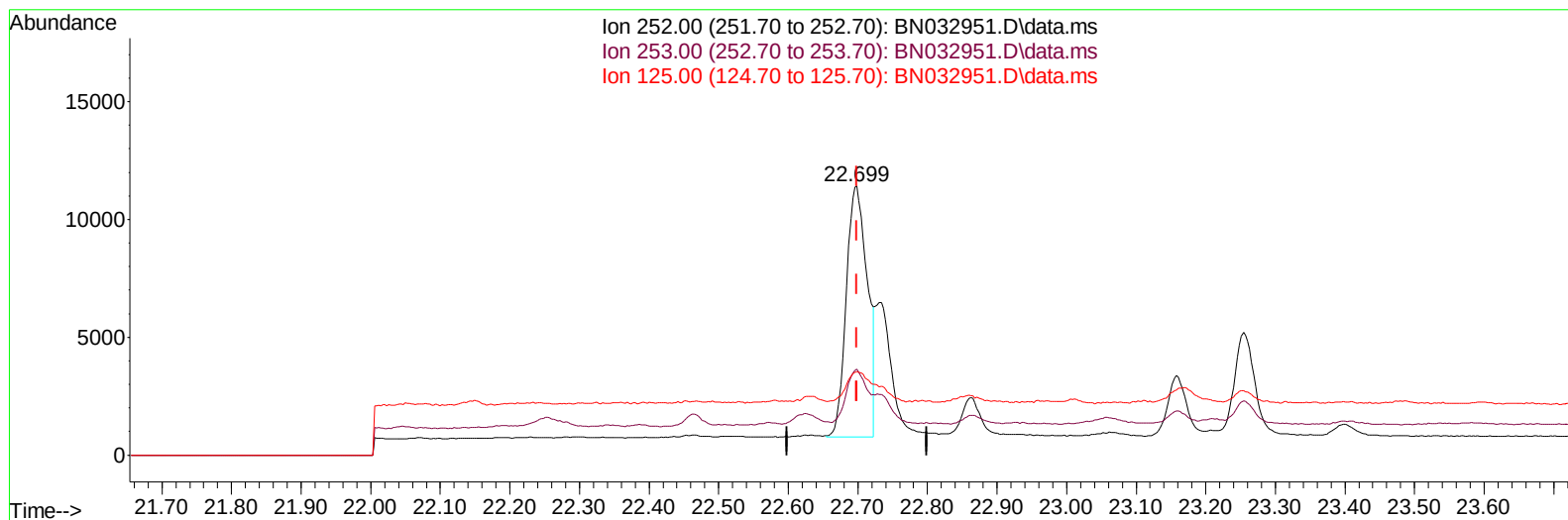
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032951.D
Acq On : 24 Jul 2024 16:36
Operator : MA/JU
Sample : P3201-15DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 17:27:12 2024
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TIC: BN032951.D\data.ms

(24) Benzo(b)fluoranthene

22.699min (-0.000) 0.51 ng/ul m

response 22470

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.89
125.00	18.00	30.96
0.00	0.00	0.00

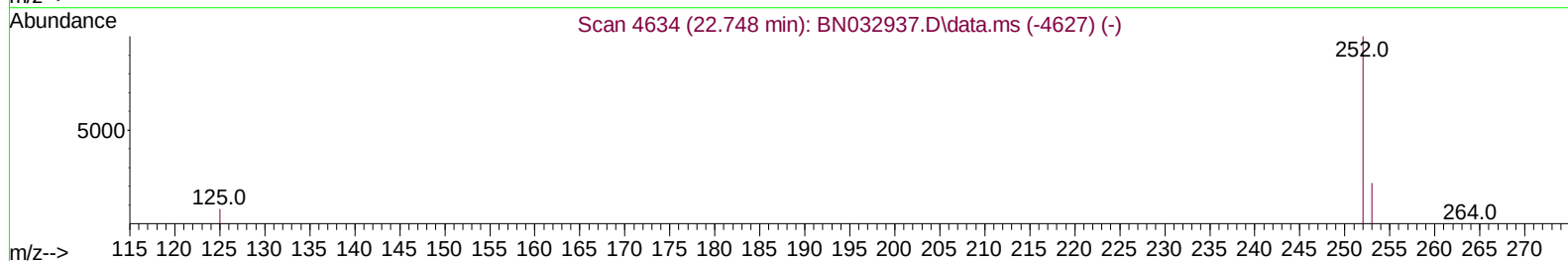
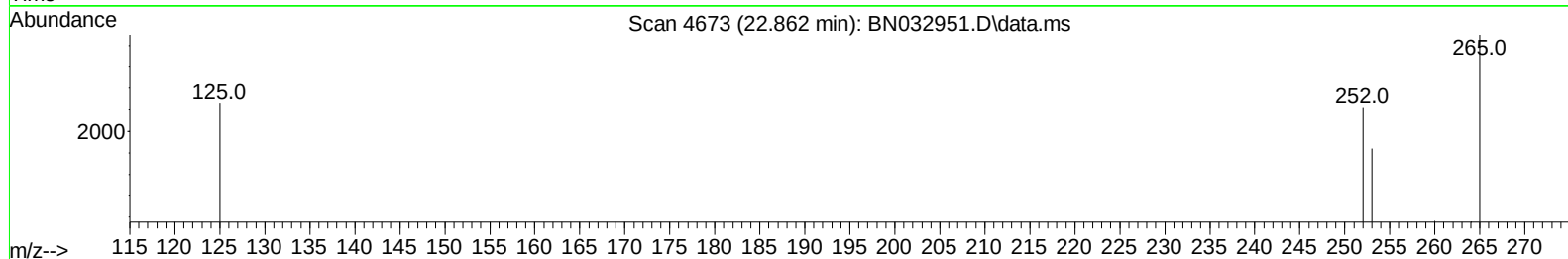
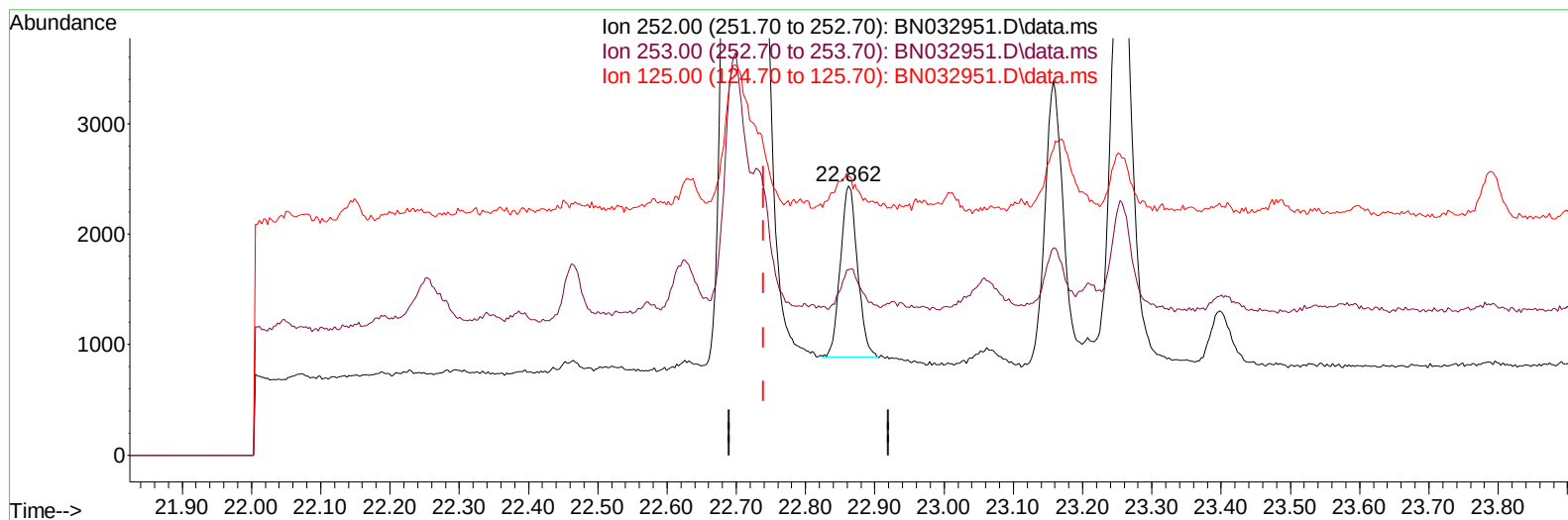
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Data File : BN032951.D
Acq On : 24 Jul 2024 16:36
Operator : MA/JU
Sample : P3201-15DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH9DL

Manual IntegrationsAPPROVED

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TIC: BN032951.D\data.ms

(25) Benzo(k)fluoranthene

22.862min (+ 0.122) 0.05 ng/u1

response 2647

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	68.95#
125.00	18.50	103.53#
0.00	0.00	0.00

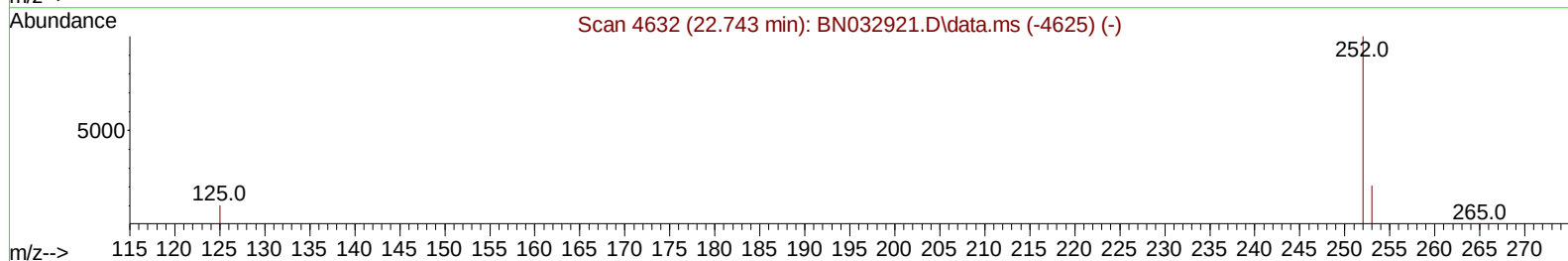
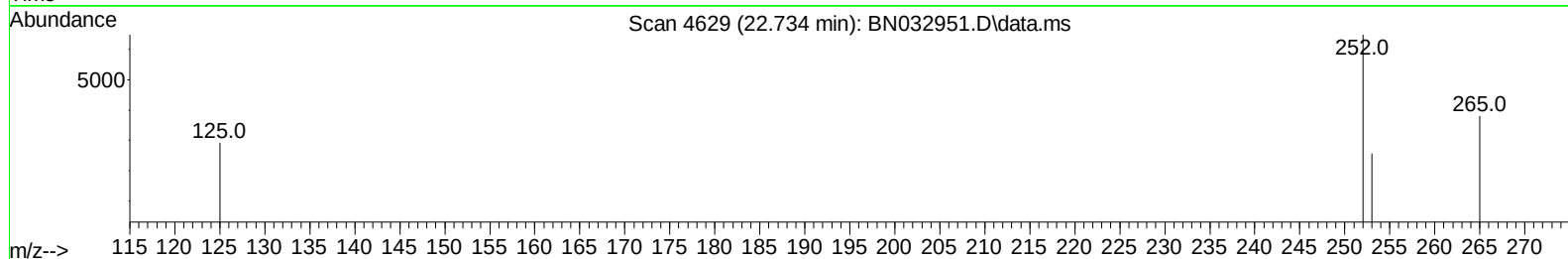
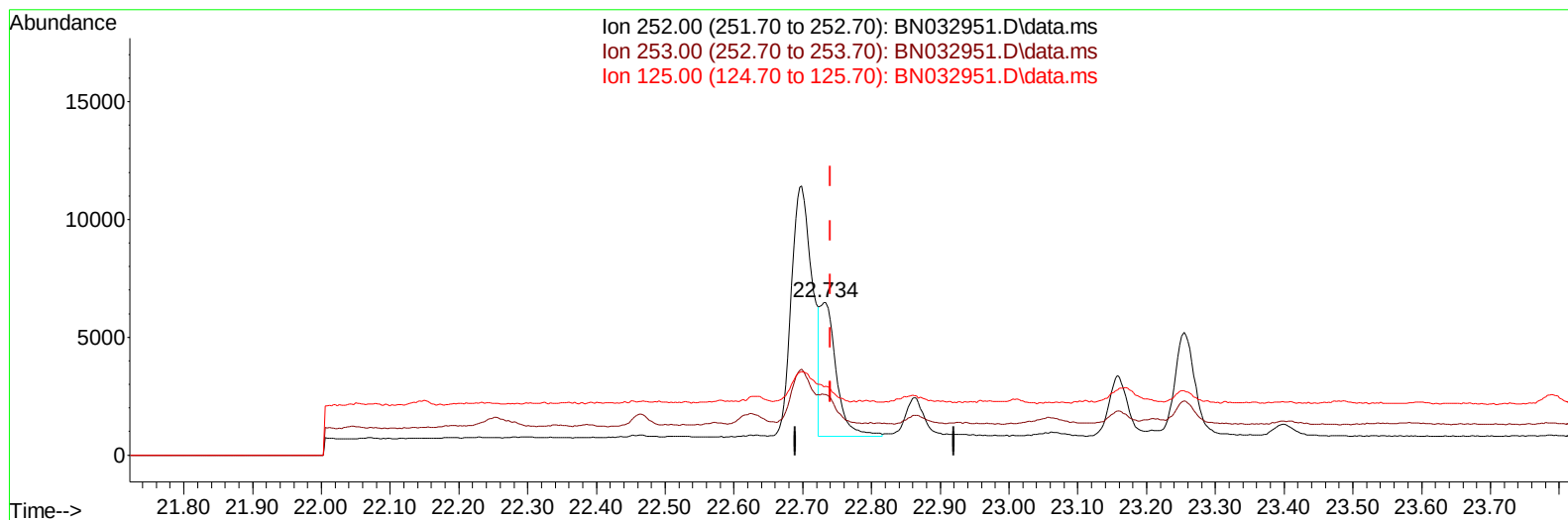
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032951.D
Acq On : 24 Jul 2024 16:36
Operator : MA/JU
Sample : P3201-15DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 17:27:12 2024
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TIC: BN032951.D\data.ms

(25) Benzo(k)fluoranthene

22.734min (-0.006) 0.18 ng/ul m

response 9491

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	39.63#
125.00	18.50	45.06#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P3201-15DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CH9DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	3853	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	14944	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	7918	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	12910	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	10636	0.400	ng/ul	# 0.00
23) Perylene-d12	23.351	264	12410m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3450	0.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	940	0.042	ng/ul	-0.02
18) Fluoranthene-d10	18.980	212	1519	0.044	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	1638	0.041	ng/ul#	81
7) 2-Methylnaphthalene	11.988	142	762	0.030	ng/ul	96
10) Acenaphthylene	13.892	152	980	0.031	ng/ul#	74
11) Acenaphthene	14.239	153	2883	0.109	ng/ul	98
12) Fluorene	15.238	166	2538	0.084	ng/ul#	99
15) Phenanthrene	16.978	178	29349	0.835	ng/ul	100
16) Anthracene	17.075	178	6711	0.234	ng/ul#	93
19) Fluoranthene	19.013	202	38272	0.885	ng/ul	99
20) Pyrene	19.375	202	26547	0.593	ng/ul	99
21) Benzo(a)anthracene	21.141	228	18376	0.543	ng/ul#	93
22) Chrysene	21.197	228	16670	0.340	ng/ul#	93
24) Benzo(b)fluoranthene	22.699	252	22470m	0.513	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	9491m	0.178	ng/ul	
26) Benzo(a)pyrene	23.254	252	8837	0.233	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.566	276	8420	0.164	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.555	278	2914	0.073	ng/ul#	1
29) Benzo(g,h,i)perylene	26.250	276	1197	0.028	ng/ul#	1

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

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Misc :
ALS Vial : 62 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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