

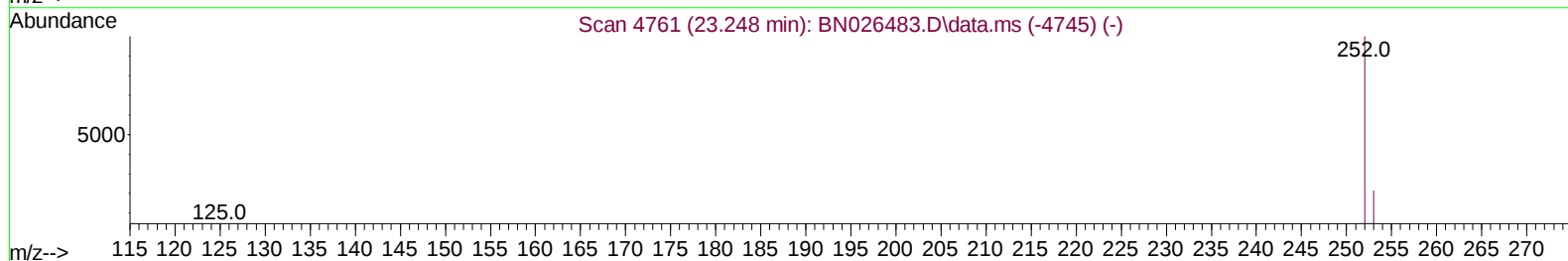
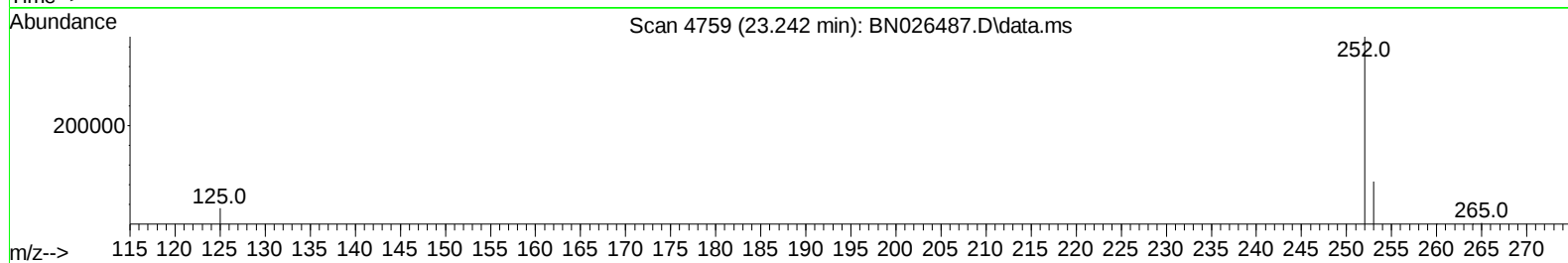
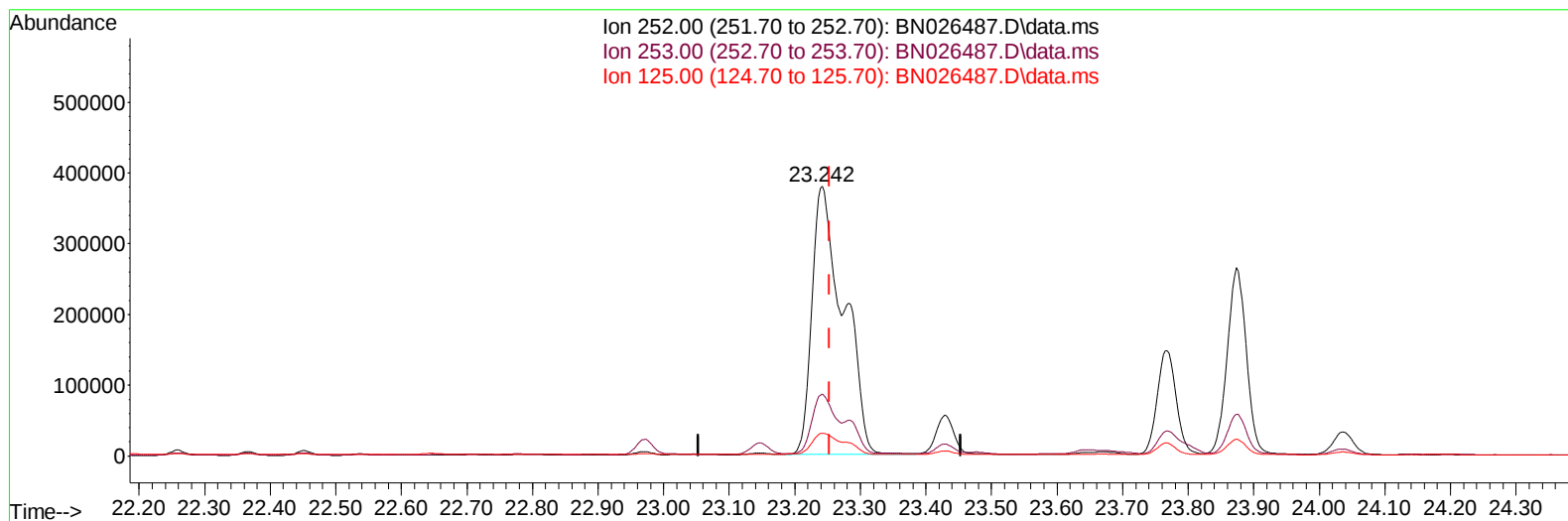
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026487.D
Acq On : 13 Jul 2023 11:26
Operator : MA/JU
Sample : 03414-20MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4634MS

Manual IntegrationsAPPROVED

Quant Time: Jul 14 04:14:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



TIC: BN026487.D\data.ms

(24) Benzo(b)fluoranthene

23.242min (-0.012) 28.77 ng/u1

response 1273524

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	22.90
125.00	17.00	8.41
0.00	0.00	0.00

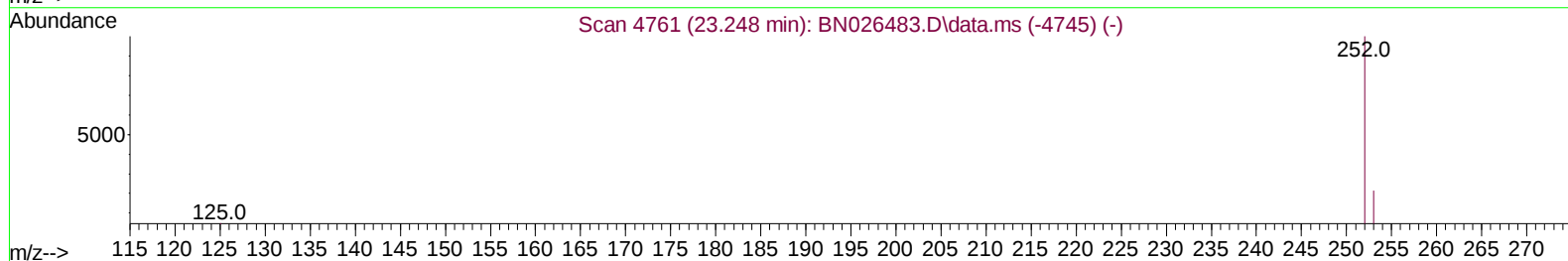
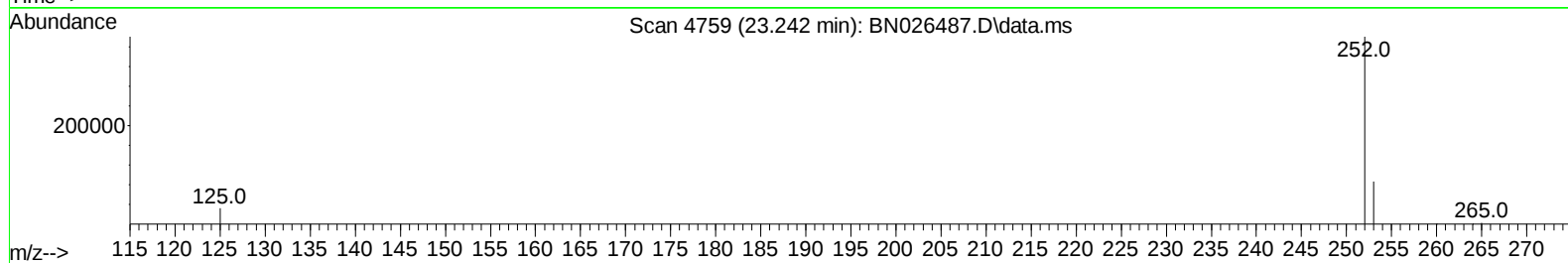
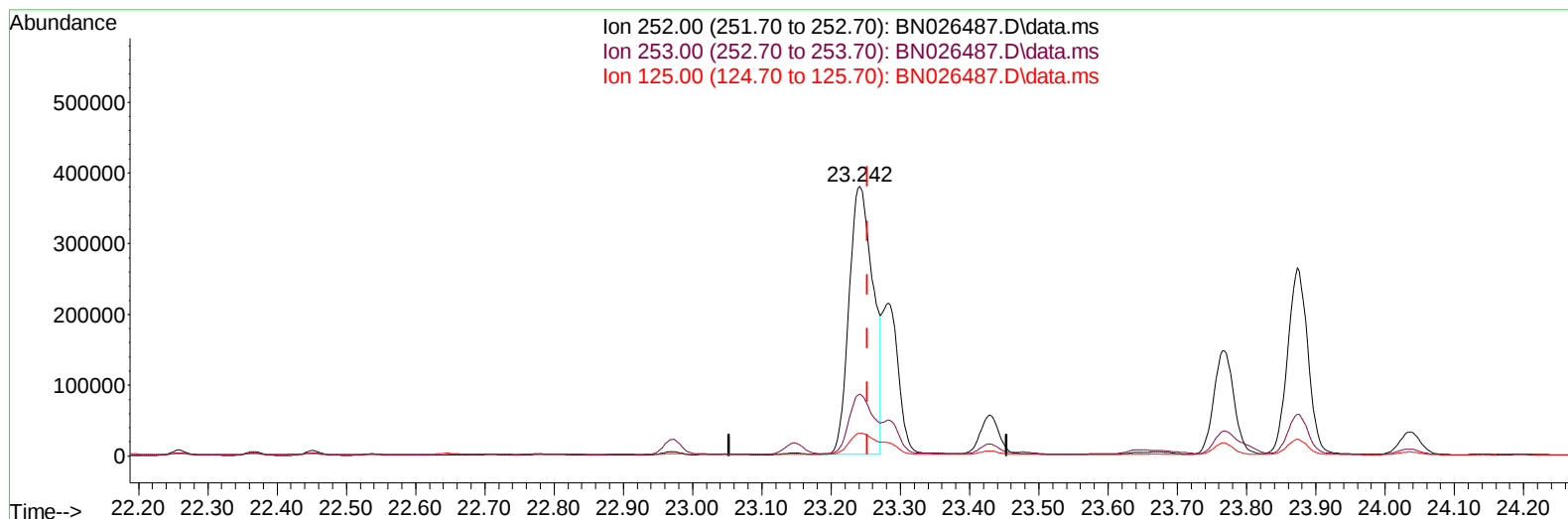
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TIC: BN026487.D\data.ms

(24) Benzo(b)fluoranthene

23.242min (-0.012) 20.84 ng/ul m

response 922563

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	22.90
125.00	17.00	8.41
0.00	0.00	0.00

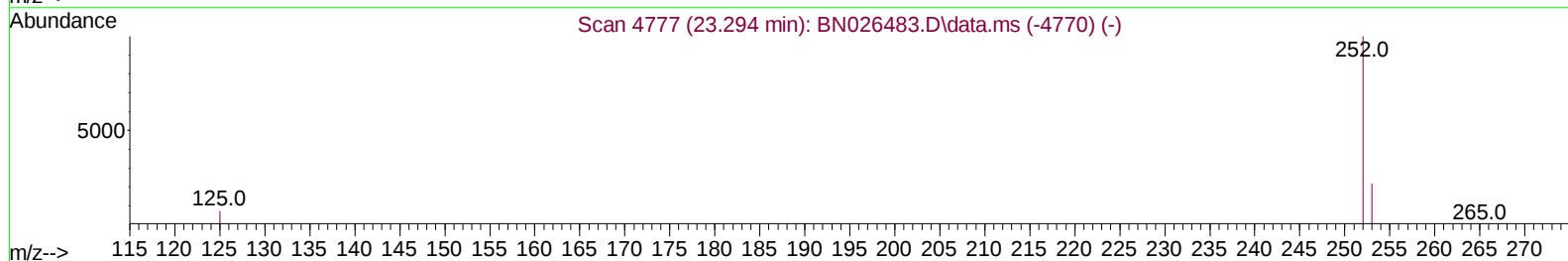
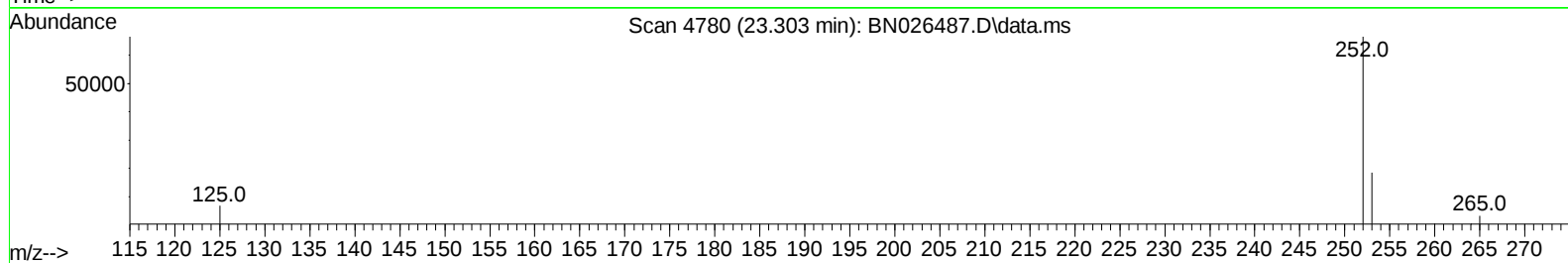
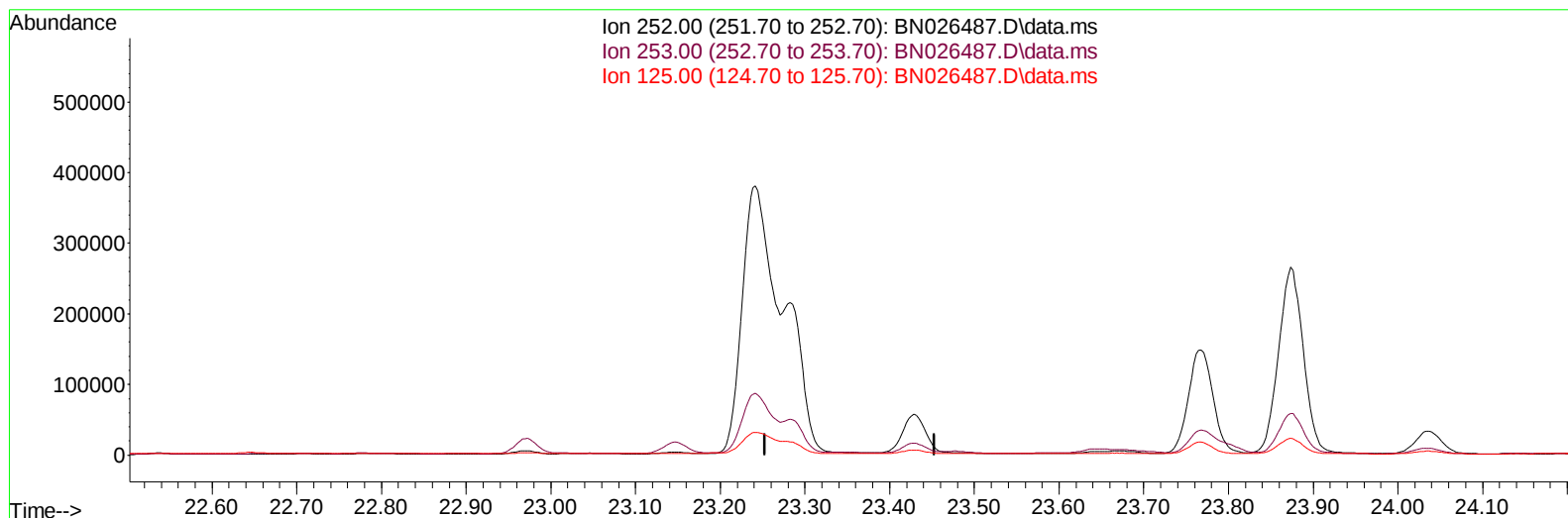
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 Operator : MA/JU
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BN026487.D\data.ms

(25) Benzo(k)fluoranthene

23.303min (-23.303) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	34.00	0.00#
125.00	16.80	0.00#
0.00	0.00	0.00

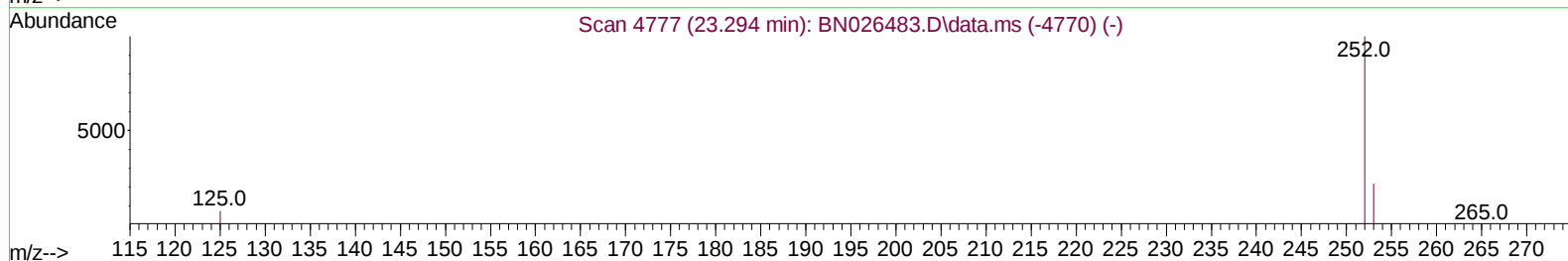
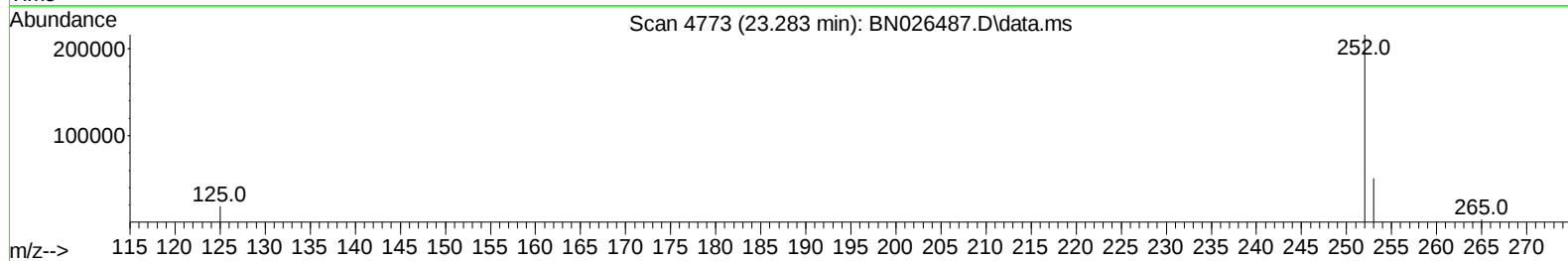
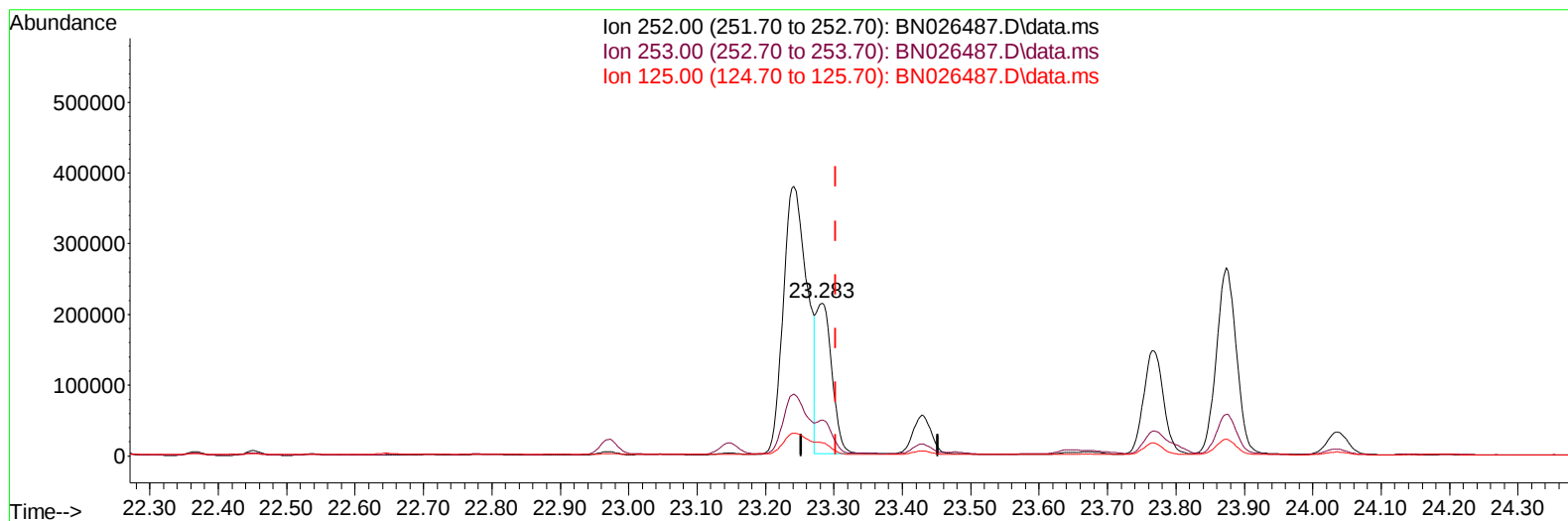
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
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 Acq On : 13 Jul 2023 11:26
 Operator : MA/JU
 Sample : 03414-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN026487.D\data.ms

(25) Benzo(k)fluoranthene

23.283min (-0.020) 7.40 ng/ul m

response 343125

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.38#
125.00	16.80	8.73#
0.00	0.00	0.00

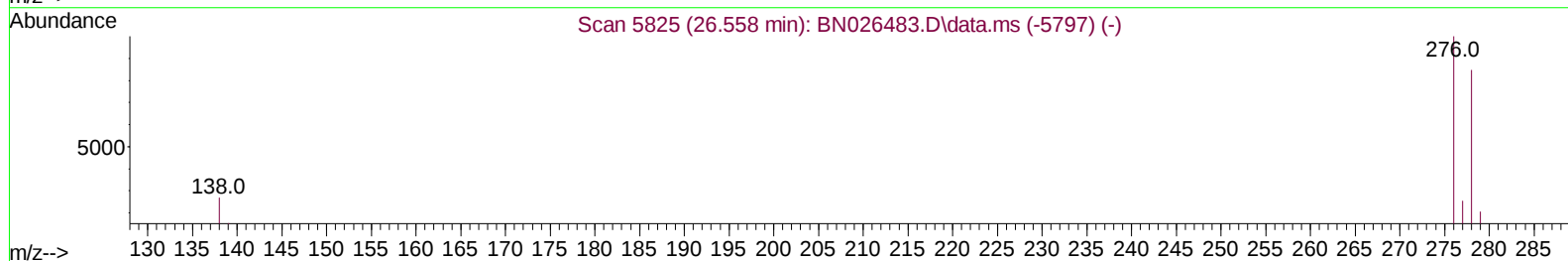
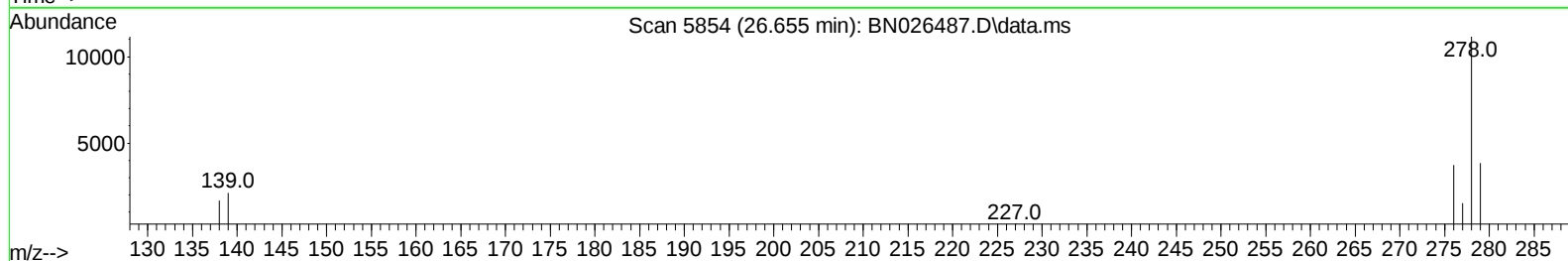
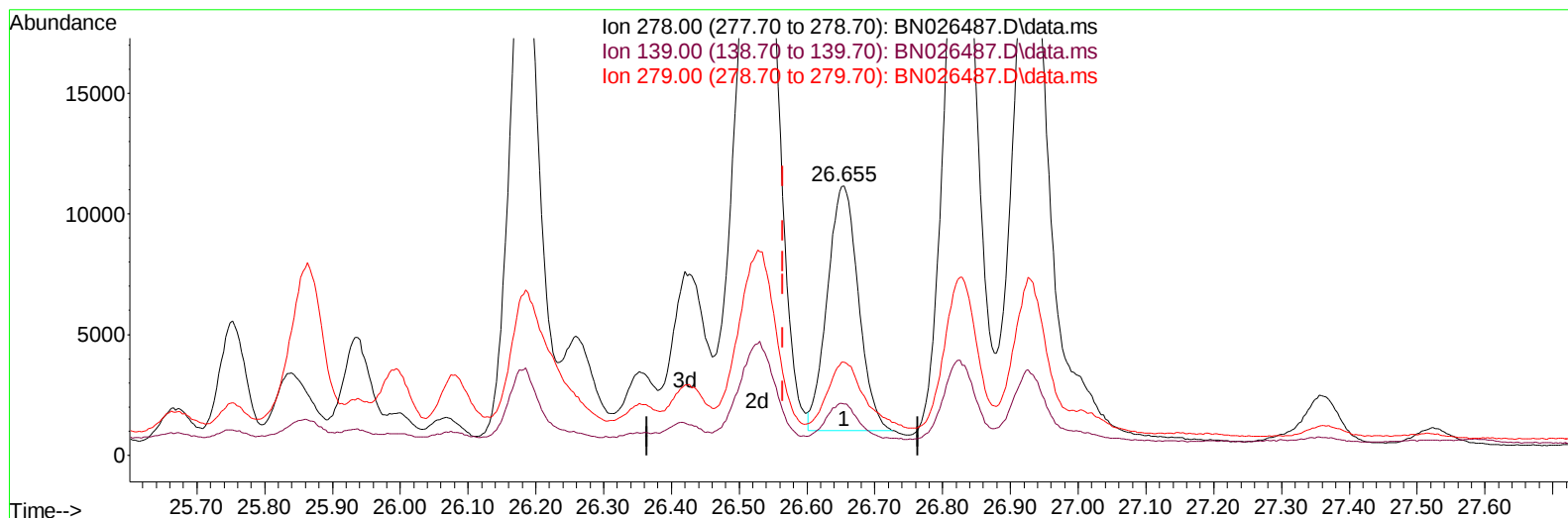
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 Acq On : 13 Jul 2023 11:26
 Operator : MA/JU
 Sample : 03414-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BN026487.D\data.ms

(28) Dibenzo(a,h)anthracene

26.655min (+ 0.091) 0.81 ng/u1

response 32234

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	18.99
279.00	39.10	34.62
0.00	0.00	0.00

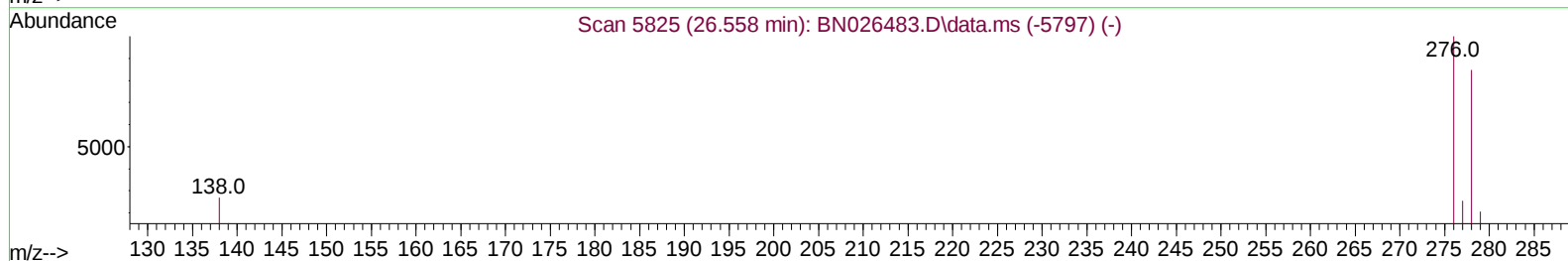
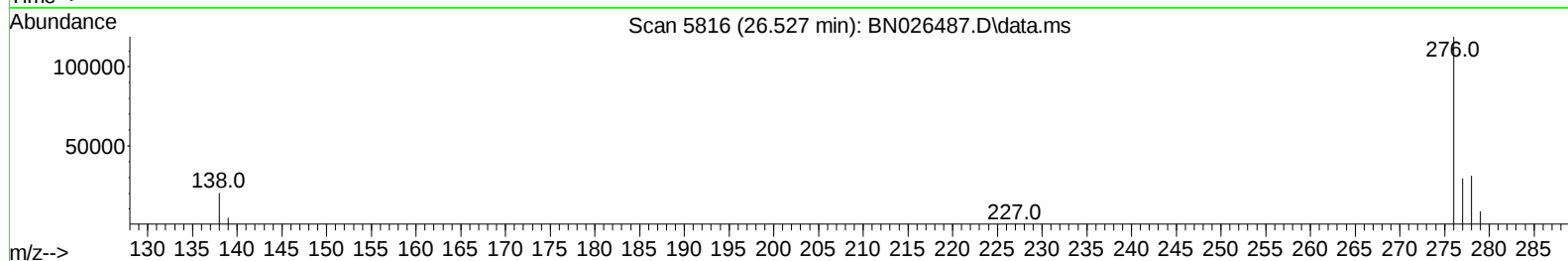
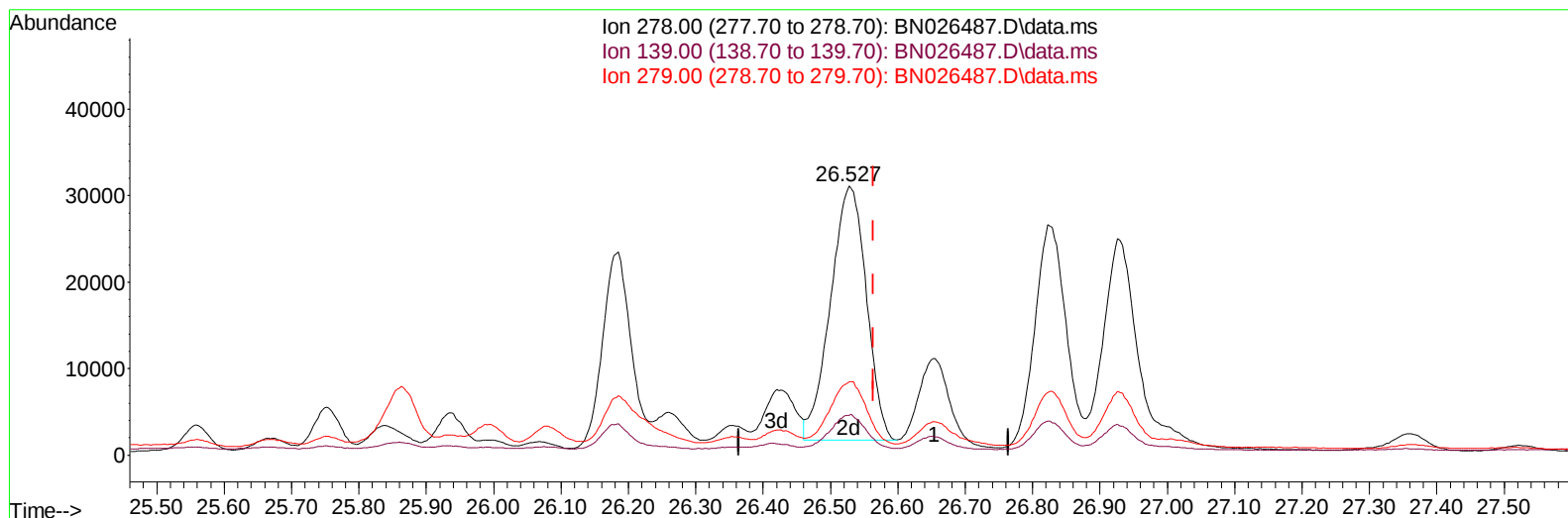
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 Operator : MA/JU
 Sample : 03414-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Reviewed By :Yogesh Patel 07/14/2023
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TIC: BN026487.D\data.ms

(28) Dibenzo(a,h)anthracene

26.527min (-0.037) 2.74 ng/ul m

response 108659

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	14.86#
279.00	39.10	27.34#
0.00	0.00	0.00

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 Acq On : 13 Jul 2023 11:26
 Operator : MA/JU
 Sample : 03414-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	3121	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	9783	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.616	164	6601	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	20360	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.546	240	8723	0.400	ng/ul	#-0.02
23) Perylene-d12	23.981	264	11361	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	928	0.226	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	2521	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	5466	0.181	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.373	88	2053	0.528	ng/ul#	54
5) Naphthalene	10.842	128	612441	22.798	ng/ul	97
7) 2-Methylnaphthalene	12.447	142	128668	8.441	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	82219	5.036	ng/ul	99
10) Acenaphthylene	14.339	152	45986	1.423	ng/ul#	96
11) Acenaphthene	14.677	153	152089	6.176	ng/ul	98
12) Fluorene	15.662	166	176006	6.813	ng/ul	98
14) Pentachlorophenol	17.022	266	829	0.161	ng/ul	95
15) Phenanthrene	17.402	178	2832868	43.688	ng/ul	97
16) Anthracene	17.490	178	411794	7.318	ng/ul	95
19) Fluoranthene	19.419	202	2574514	62.965	ng/ul	97
20) Pyrene	19.782	202	2164520	48.745	ng/ul	98
21) Benzo(a)anthracene	21.529	228	849274	26.494	ng/ul	98
22) Chrysene	21.584	228	875916	24.005	ng/ul	97
24) Benzo(b)fluoranthene	23.242	252	922563m	20.843	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	343125m	7.396	ng/ul	
26) Benzo(a)pyrene	23.873	252	537851	13.652	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.524	276	385984	7.473	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.527	278	108659m	2.742	ng/ul	
29) Benzo(g,h,i)perylene	27.309	276	39905	0.875	ng/ul#	92

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

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