

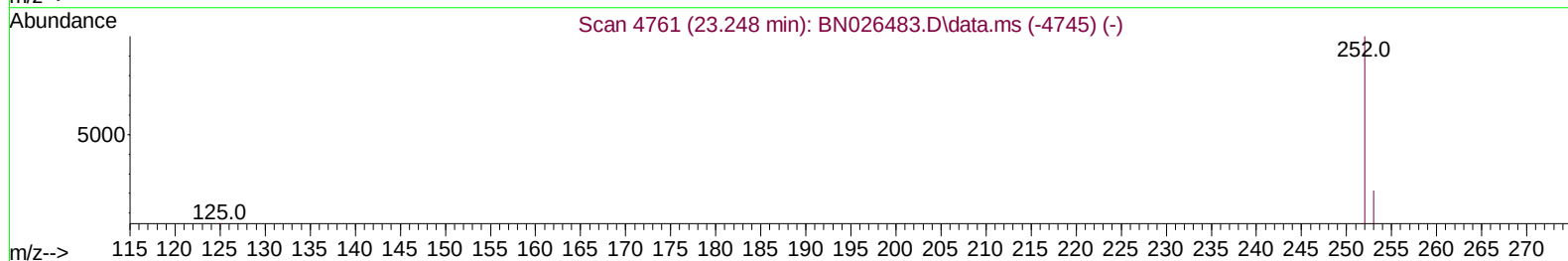
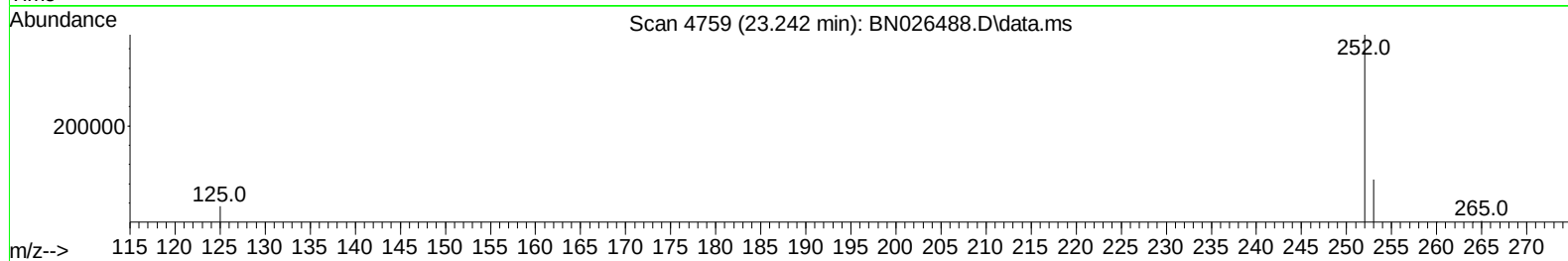
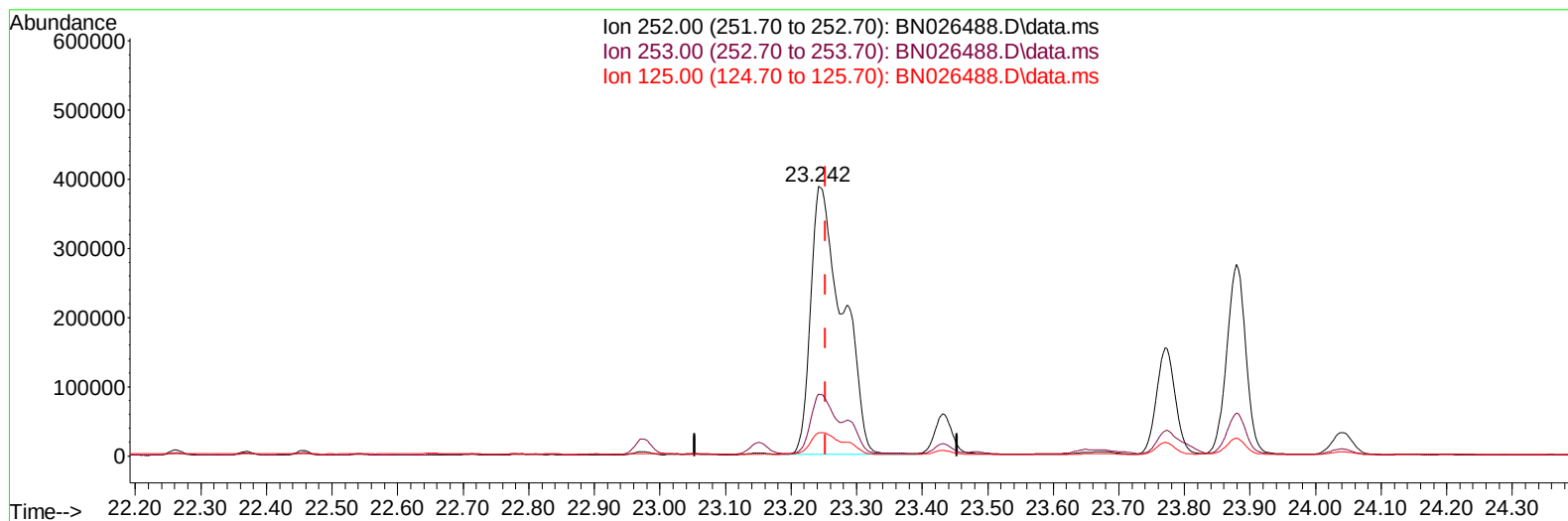
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026488.D
 Acq On : 13 Jul 2023 12:03
 Operator : MA/JU
 Sample : 03414-21MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4634MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 14 04:22:08 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: BN026488.D\data.ms

(24) Benzo(b)fluoranthene

23.242min (-0.012) 27.74 ng/u1

response 1313932

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	22.93
125.00	17.00	8.63
0.00	0.00	0.00

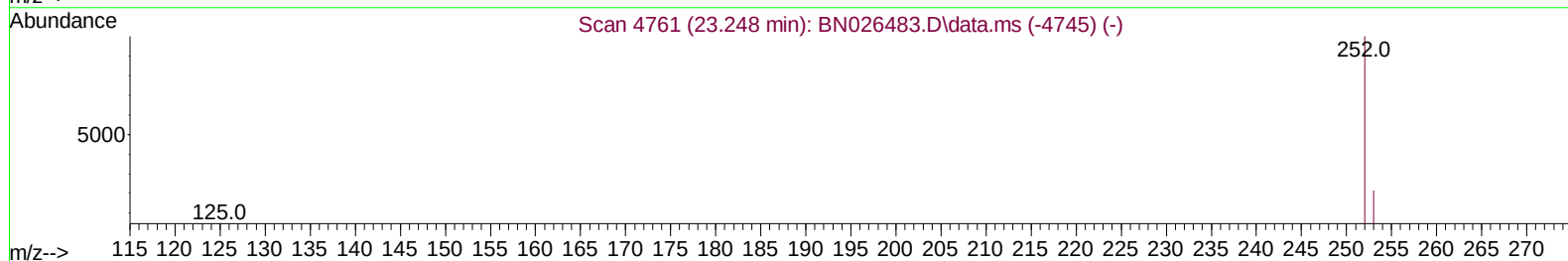
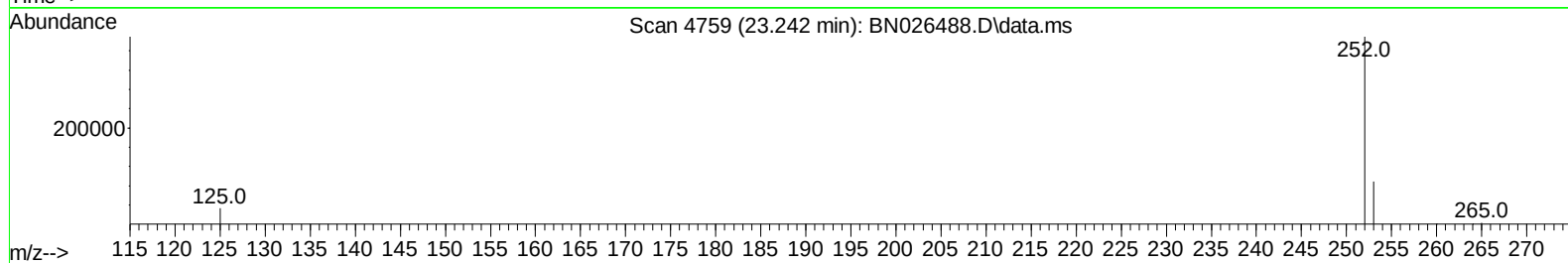
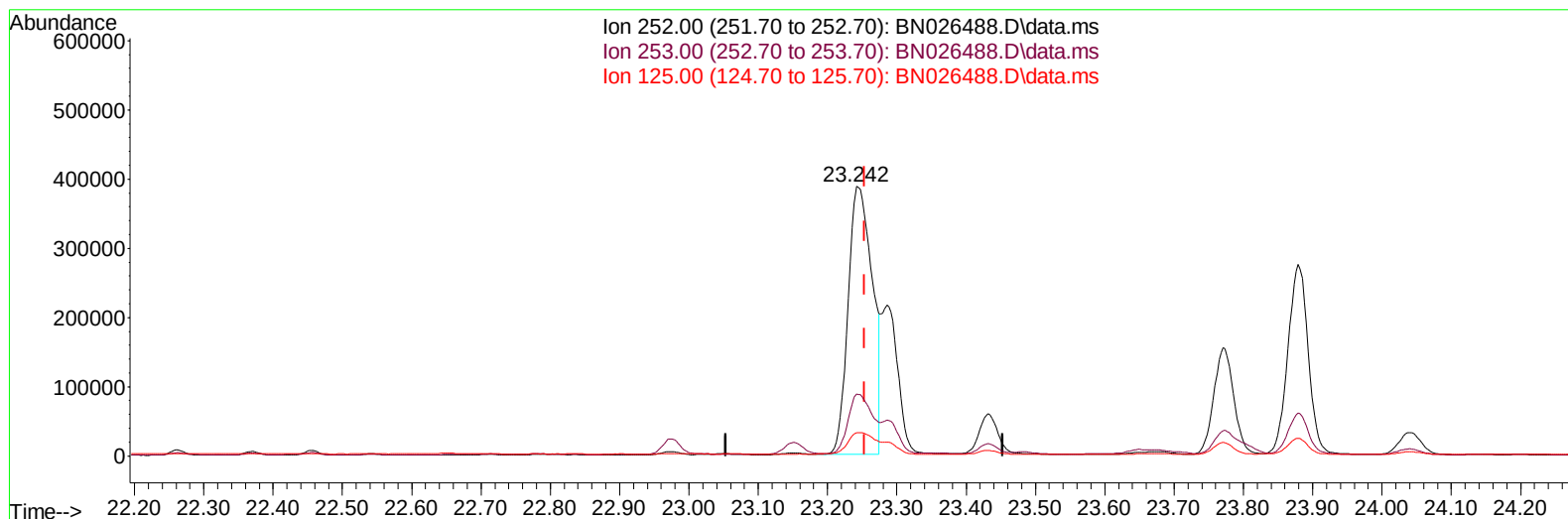
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
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 Acq On : 13 Jul 2023 12:03
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 Sample : 03414-21MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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



TIC: BN026488.D\data.ms

(24) Benzo(b)fluoranthene

23.242min (-0.012) 19.84 ng/ul m

response 939551

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	22.93
125.00	17.00	8.63
0.00	0.00	0.00

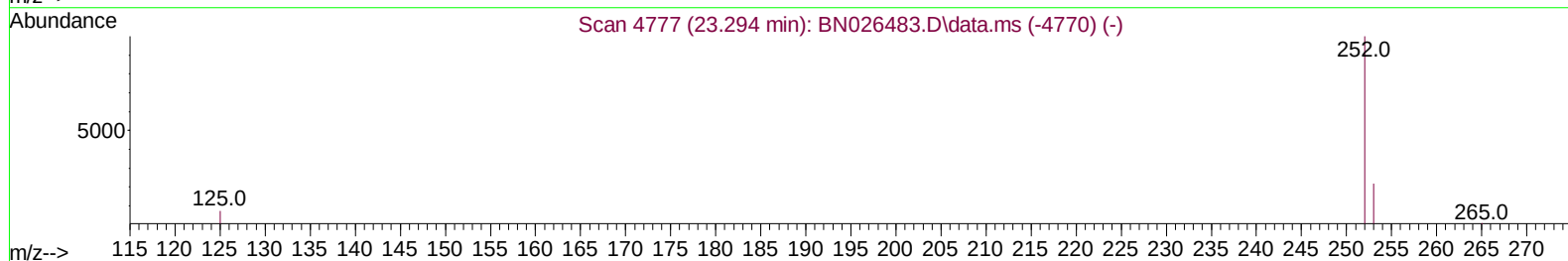
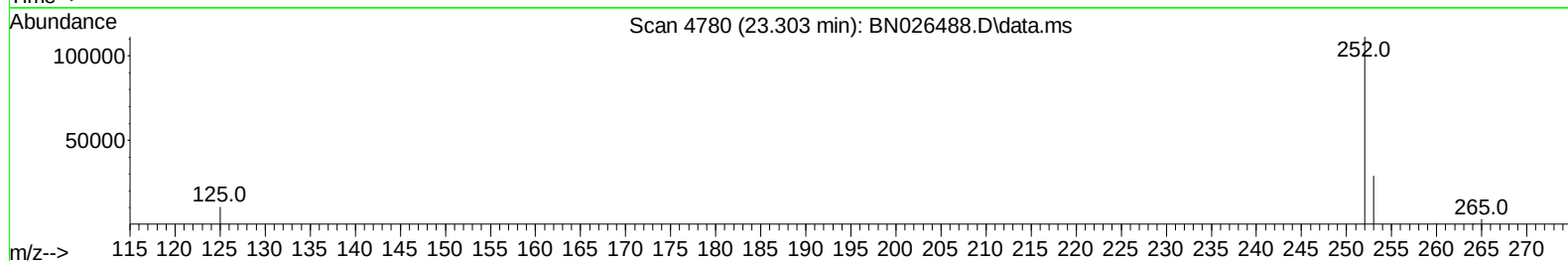
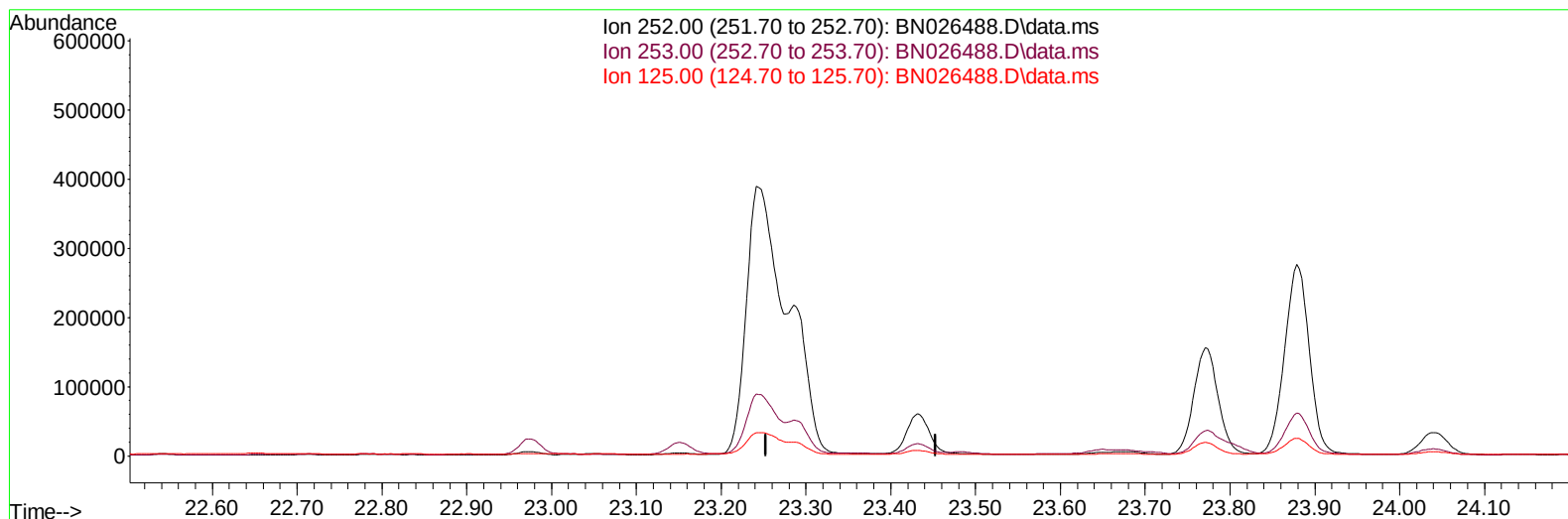
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 Data File : BN026488.D
 Acq On : 13 Jul 2023 12:03
 Operator : MA/JU
 Sample : 03414-21MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/14/2023



TIC: BN026488.D\data.ms

(25) Benzo(k)fluoranthene

23.303min (-23.303) 0.00 ng/ul

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

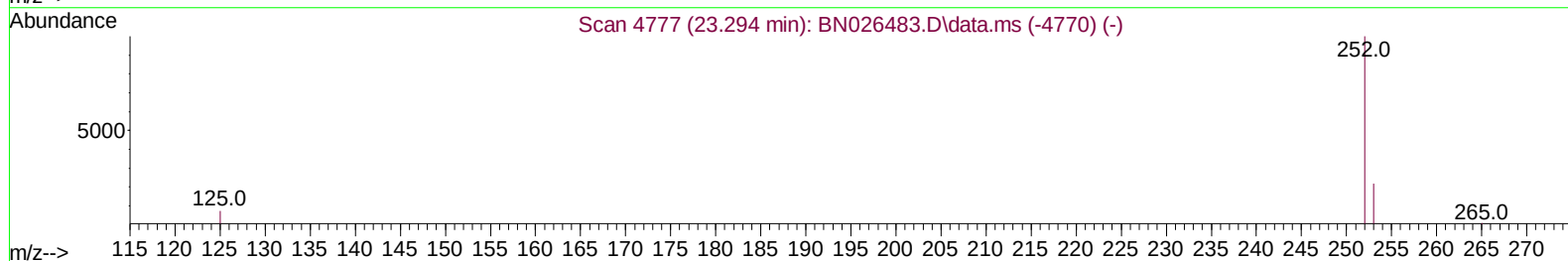
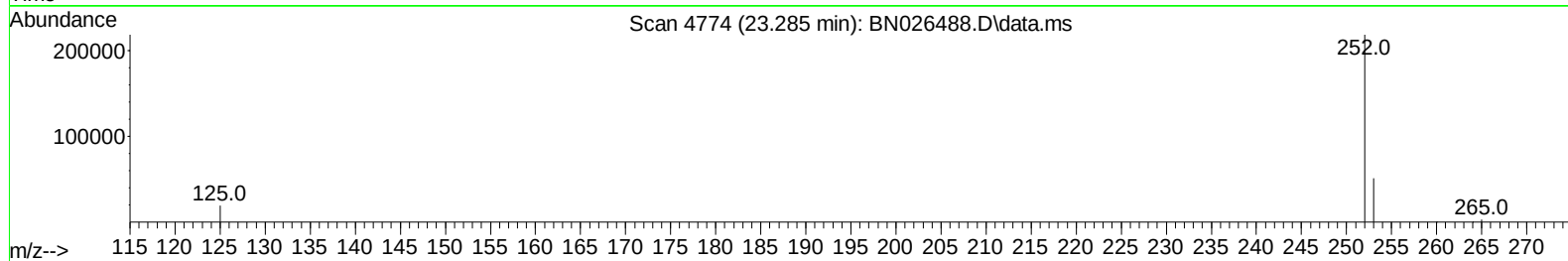
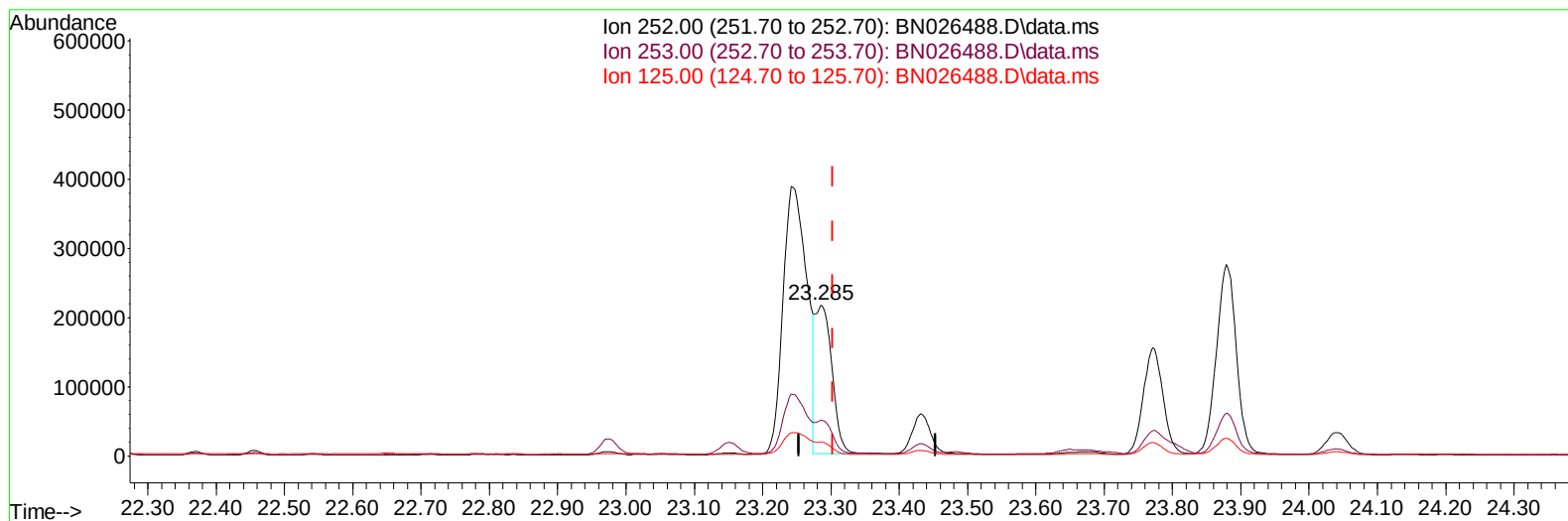
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026488.D
 Acq On : 13 Jul 2023 12:03
 Operator : MA/JU
 Sample : 03414-21MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN026488.D\data.ms

(25) Benzo(k)fluoranthene

23.285min (-0.018) 7.40 ng/ul m

response 367179

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.65#
125.00	16.80	9.10#
0.00	0.00	0.00

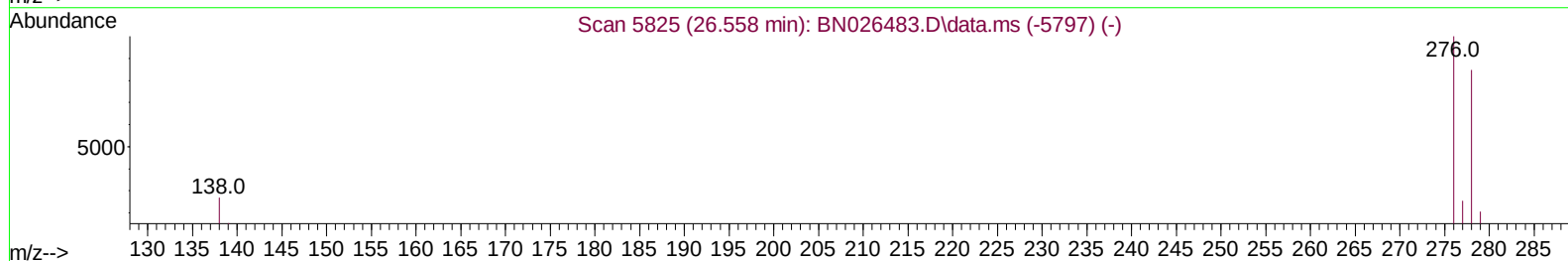
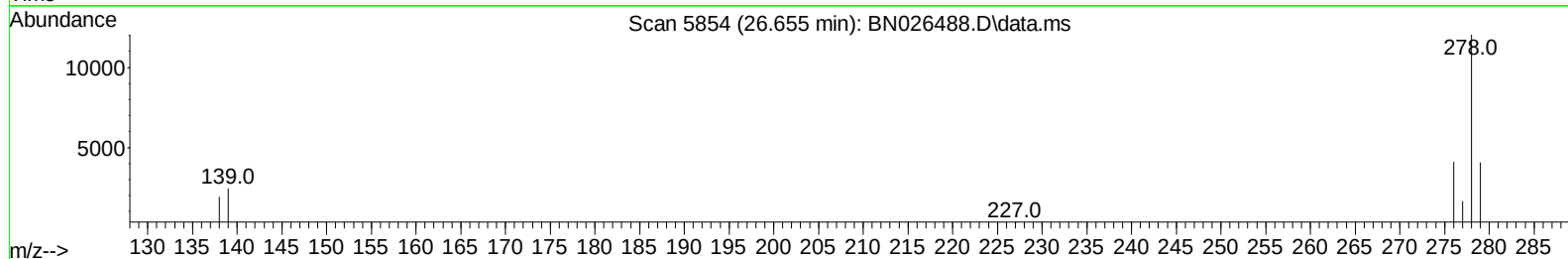
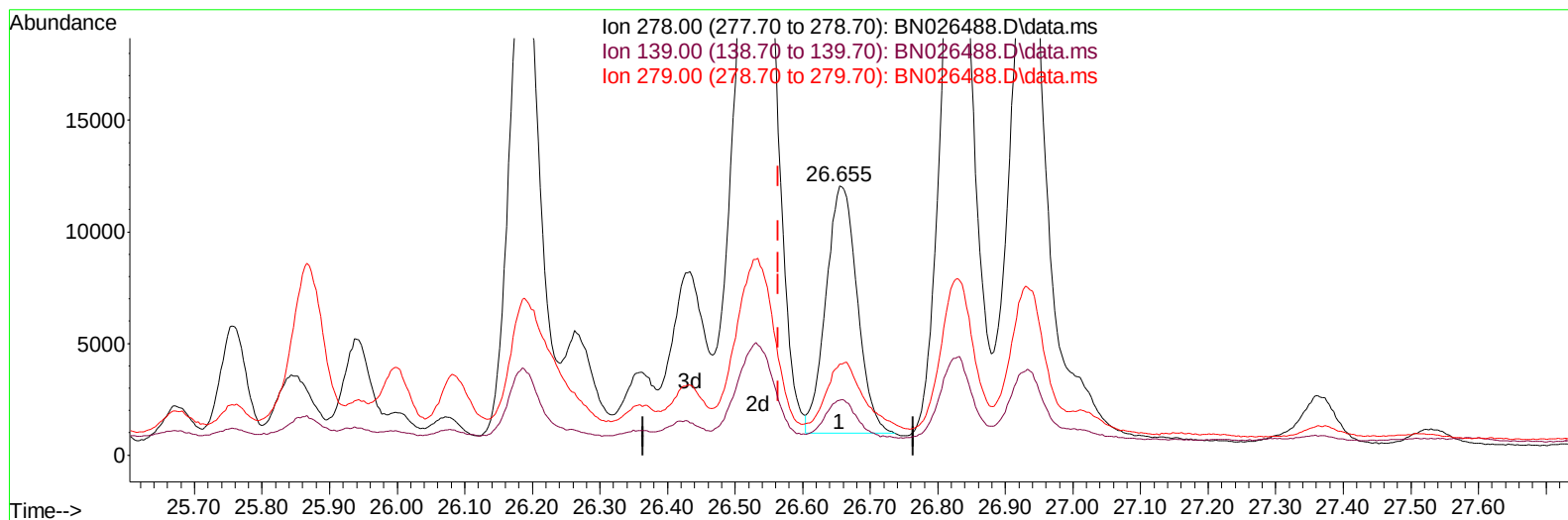
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026488.D
Acq On : 13 Jul 2023 12:03
Operator : MA/JU
Sample : 03414-21MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4634MSD

Manual IntegrationsAPPROVED

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TIC: BN026488.D\data.ms

(28) Dibenzo(a,h)anthracene

26.655min (+ 0.091) 0.84 ng/u1

response 35532

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	20.42
279.00	39.10	33.91
0.00	0.00	0.00

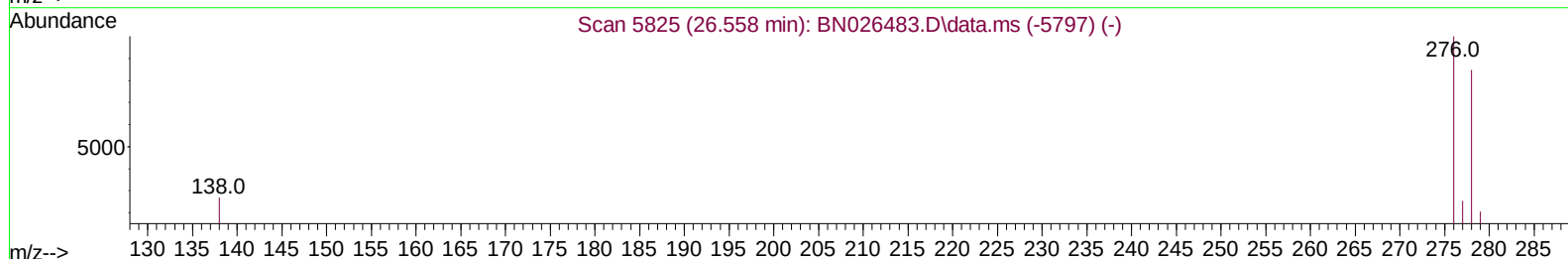
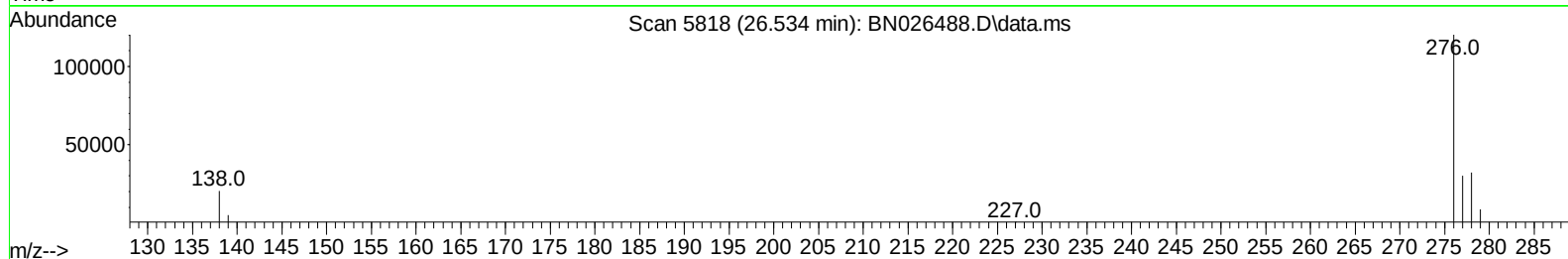
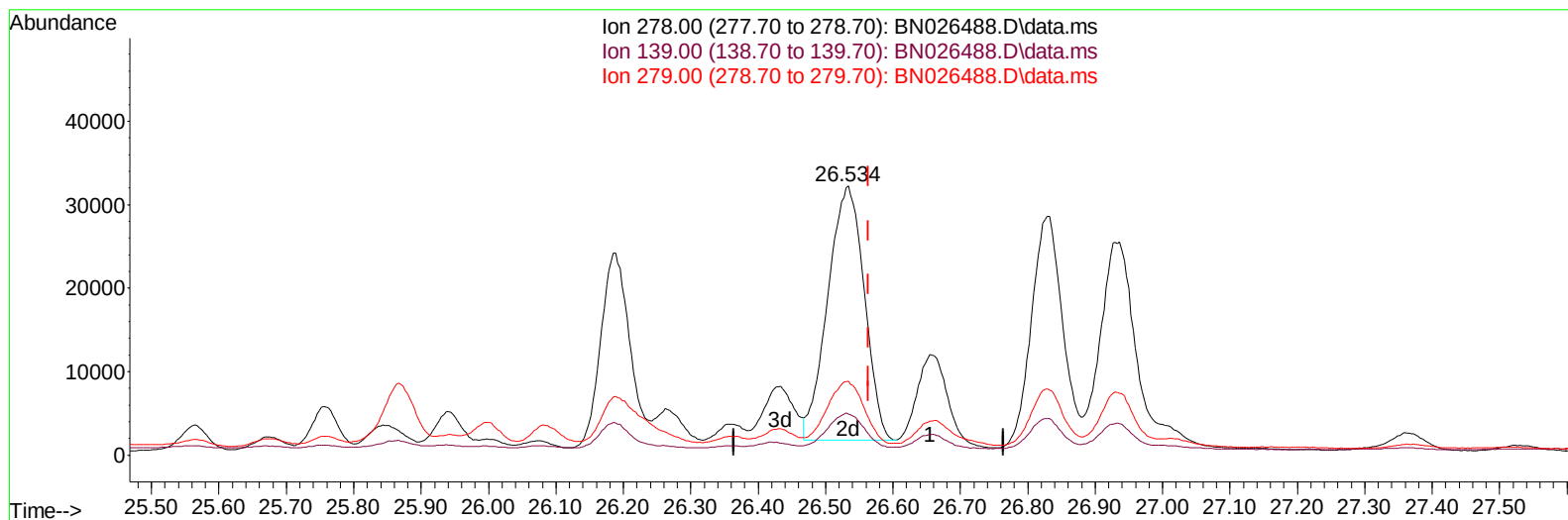
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026488.D
 Acq On : 13 Jul 2023 12:03
 Operator : MA/JU
 Sample : 03414-21MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4634MSD

Manual IntegrationsAPPROVED

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TIC: BN026488.D\data.ms

(28) Dibenzo(a,h)anthracene

26.534min (-0.030) 2.70 ng/ul m

response 114557

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	15.34#
279.00	39.10	27.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026488.D
 Acq On : 13 Jul 2023 12:03
 Operator : MA/JU
 Sample : 03414-21MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4634MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	3573	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	11657	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.616	164	7723	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	22679	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.552	240	9532	0.400	ng/ul	#-0.01
23) Perylene-d12	23.987	264	12157	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	996	0.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	2942	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	5714	0.173	ng/ul	0.00
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.373	88	2230	0.501	ng/ul#	51
5) Naphthalene	10.842	128	703611	21.981	ng/ul	96
7) 2-Methylnaphthalene	12.447	142	148259	8.163	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	94557	4.860	ng/ul	99
10) Acenaphthylene	14.339	152	53574	1.417	ng/ul#	96
11) Acenaphthene	14.676	153	171554	5.954	ng/ul	98
12) Fluorene	15.662	166	197523	6.535	ng/ul	98
14) Pentachlorophenol	17.022	266	938	0.164	ng/ul	98
15) Phenanthrene	17.402	178	3066652	42.458	ng/ul	97
16) Anthracene	17.494	178	450548	7.188	ng/ul	95
19) Fluoranthene	19.419	202	2702154	60.478	ng/ul	98
20) Pyrene	19.782	202	2265742	46.694	ng/ul	99
21) Benzo(a)anthracene	21.532	228	890158	25.412	ng/ul	98
22) Chrysene	21.590	228	895277	22.453	ng/ul	97
24) Benzo(b)fluoranthene	23.242	252	939551m	19.837	ng/ul	
25) Benzo(k)fluoranthene	23.285	252	367179m	7.396	ng/ul	
26) Benzo(a)pyrene	23.879	252	559018	13.260	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.527	276	406402	7.354	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.534	278	114557m	2.701	ng/ul	
29) Benzo(g,h,i)perylene	27.312	276	42217	0.865	ng/ul#	92

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

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ALS Vial : 7 Sample Multiplier: 1

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