

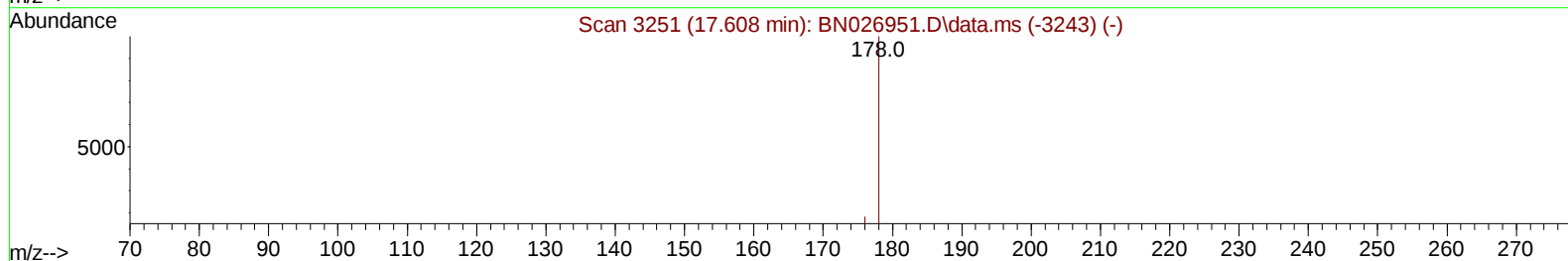
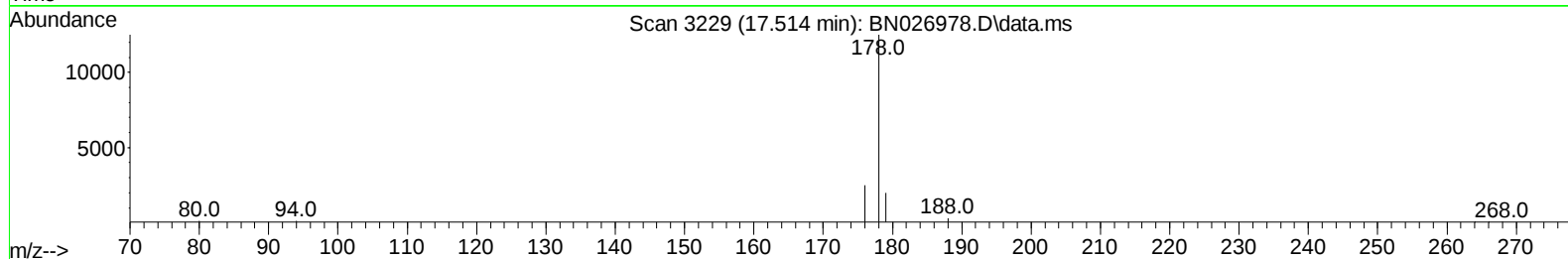
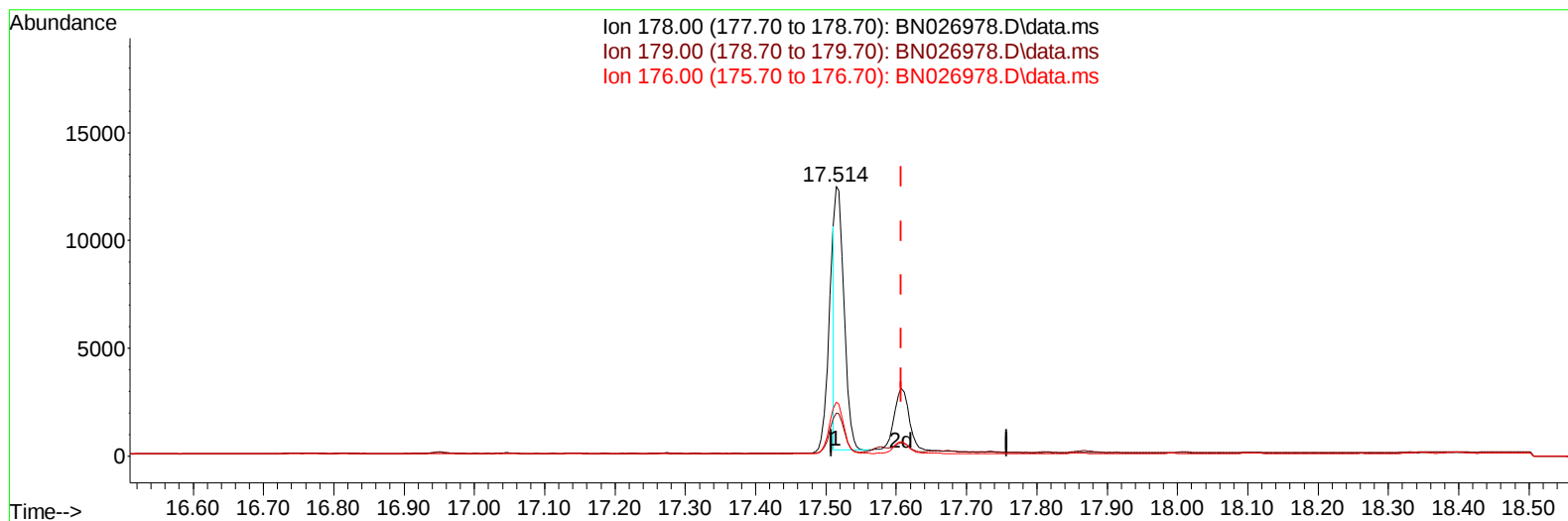
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026978.D
 Acq On : 19 Aug 2023 03:52
 Operator : MA/JU
 Sample : 03965-16DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L1DL

Manual IntegrationsAPPROVED

Quant Time: Aug 19 04:23:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



TIC: BN026978.D\data.ms

(16) Anthracene

17.514min (-0.093) 0.08 ng/u1

response 11008

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.83
176.00	18.80	19.97
0.00	0.00	0.00

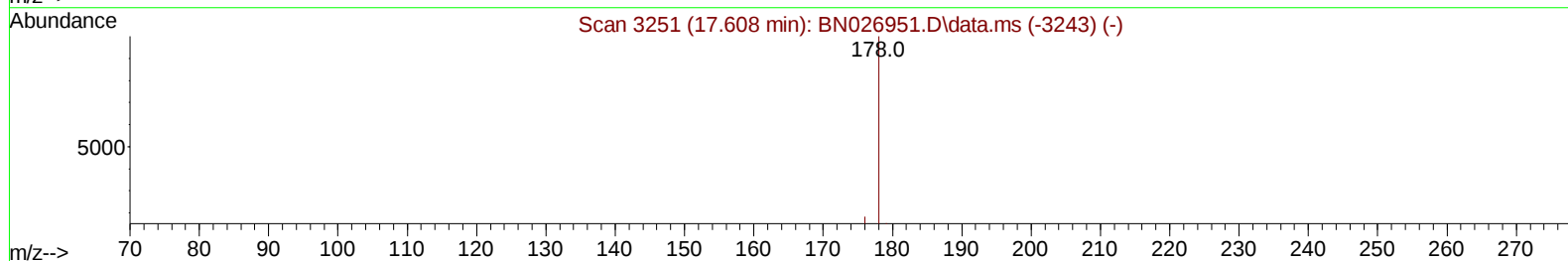
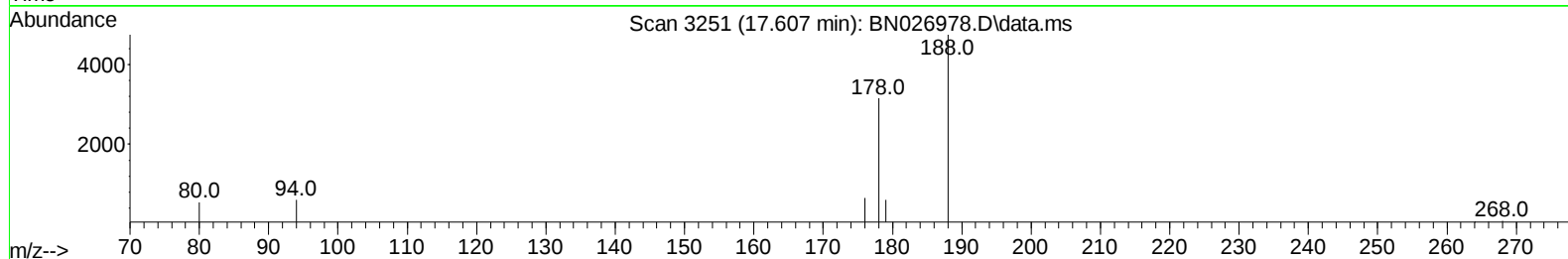
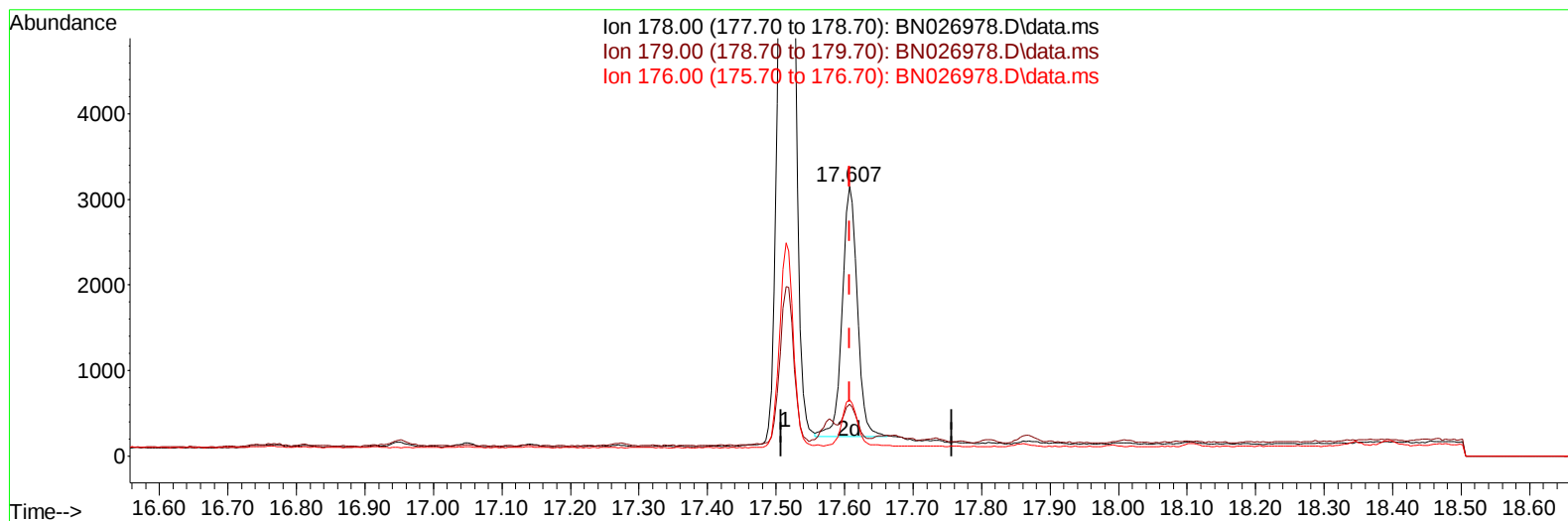
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



TIC: BN026978.D\data.ms

(16) Anthracene

17.607min (-0.000) 0.03 ng/ul m

response 4489

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	19.26#
176.00	18.80	20.88
0.00	0.00	0.00

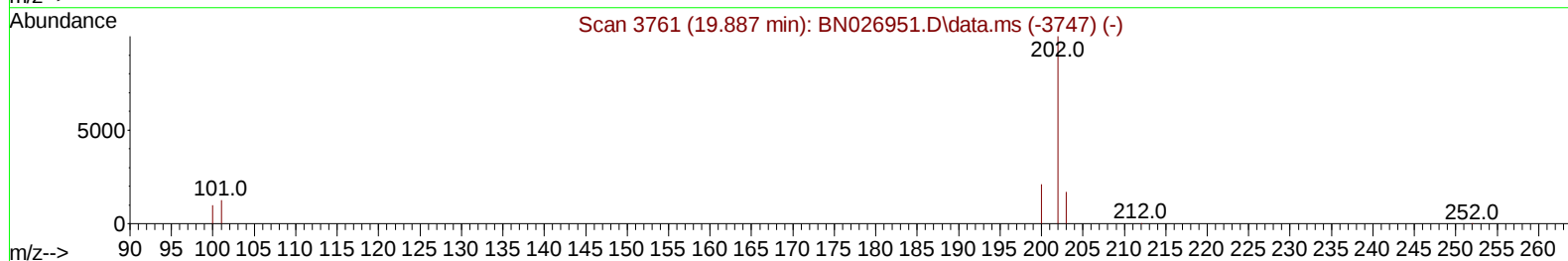
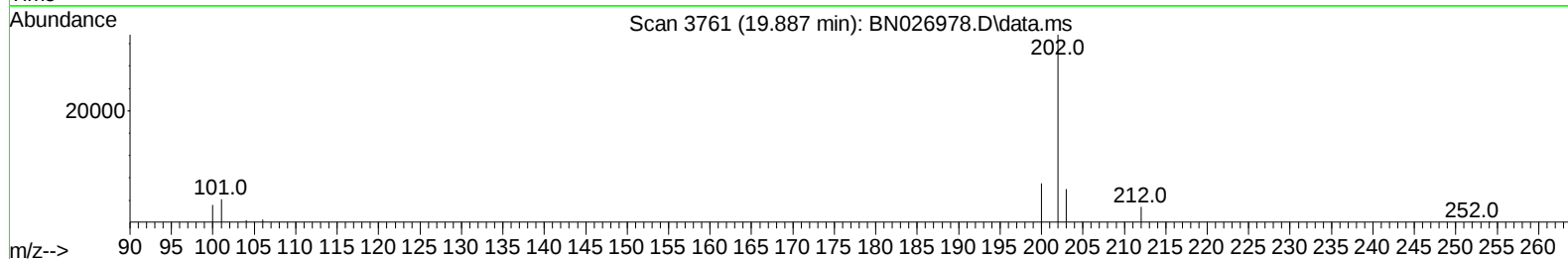
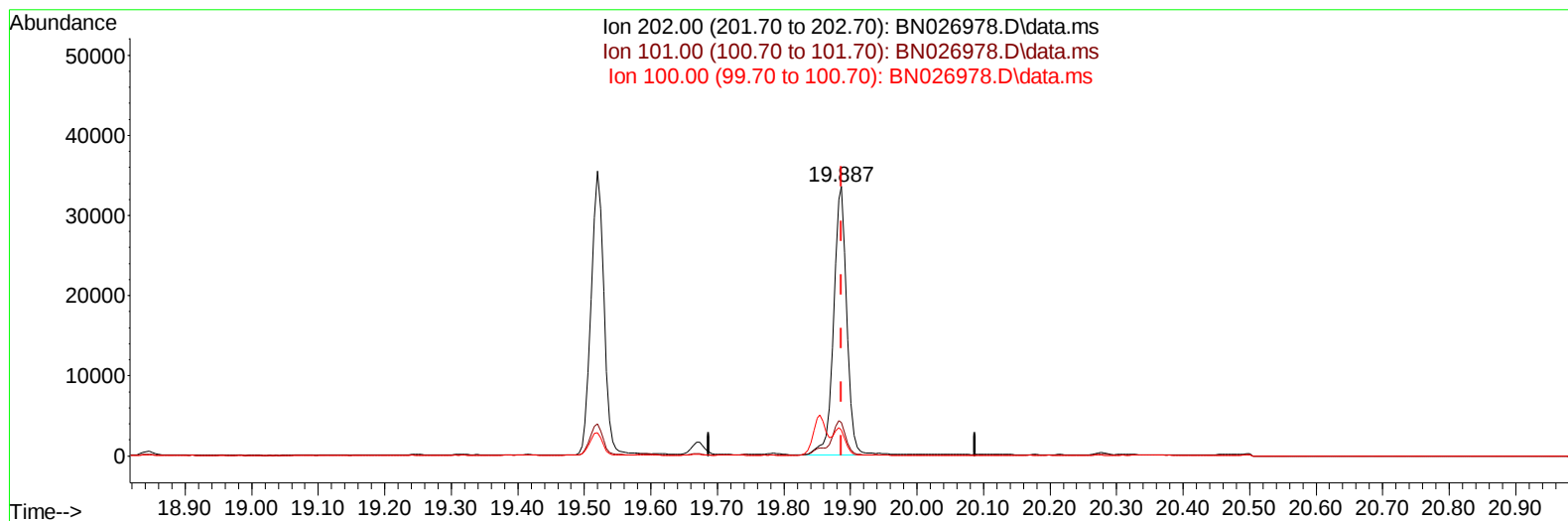
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Sample : 03965-16DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN026978.D\data.ms

(20) Pyrene

19.887min (-0.000) 0.29 ng/u1

response 46543

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.30
100.00	10.60	9.53
0.00	0.00	0.00

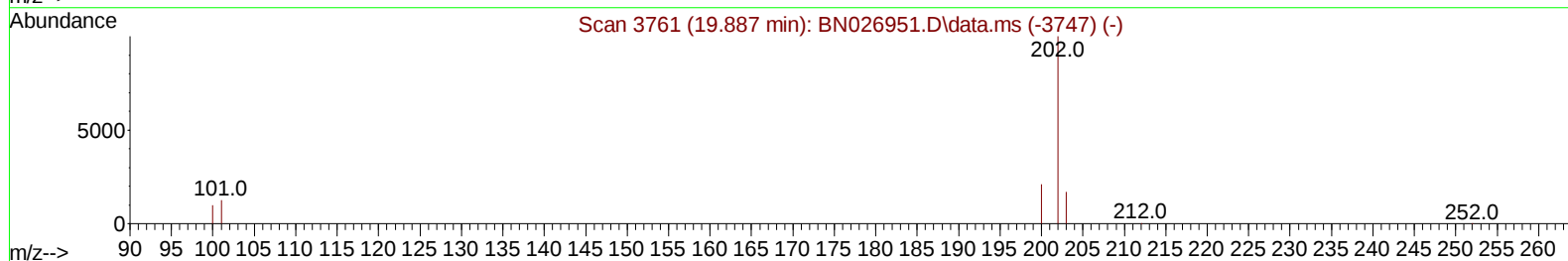
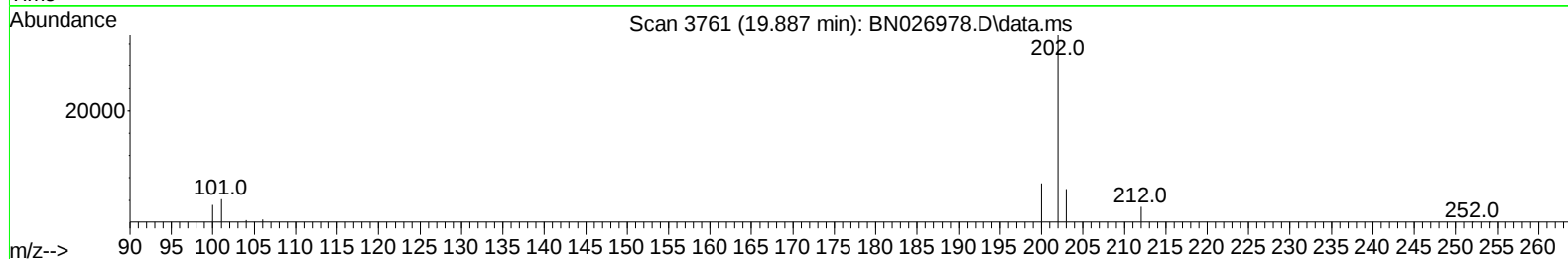
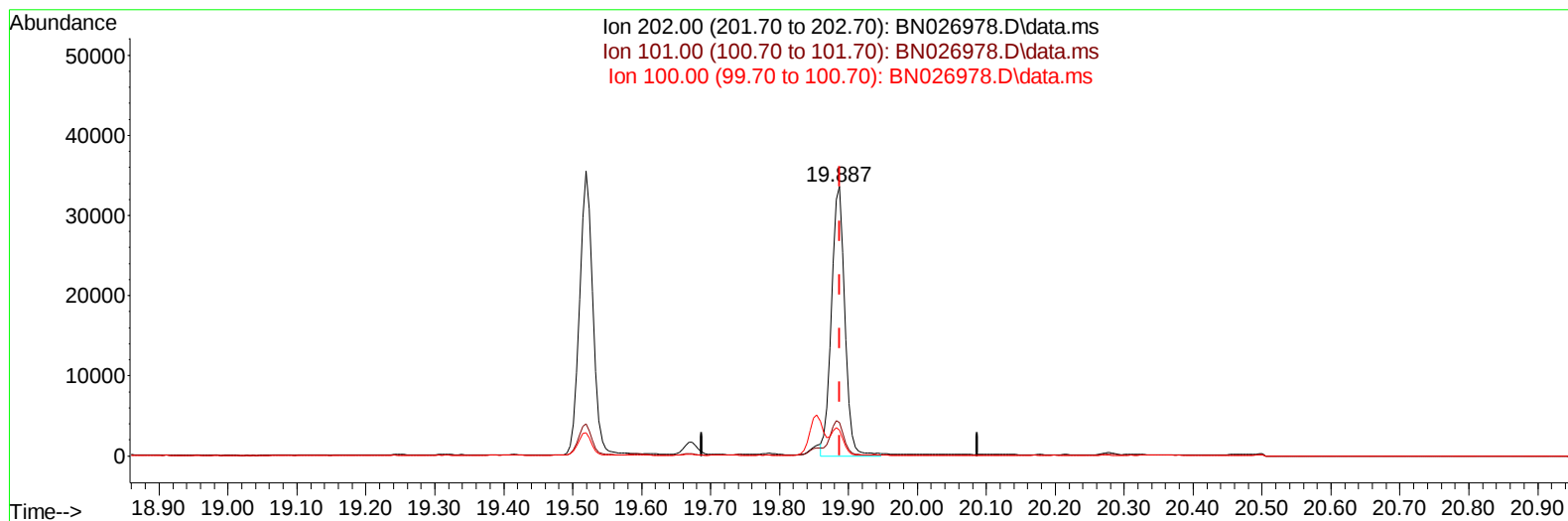
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Sample : 03965-16DL 5X
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN026978.D\data.ms

(20) Pyrene

19.887min (-0.000) 0.29 ng/u1 m

response 45933

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.30
100.00	10.60	9.53
0.00	0.00	0.00

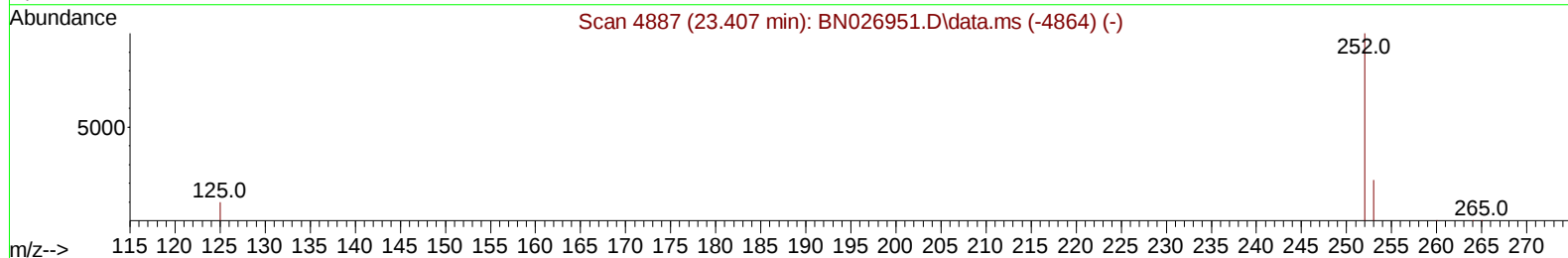
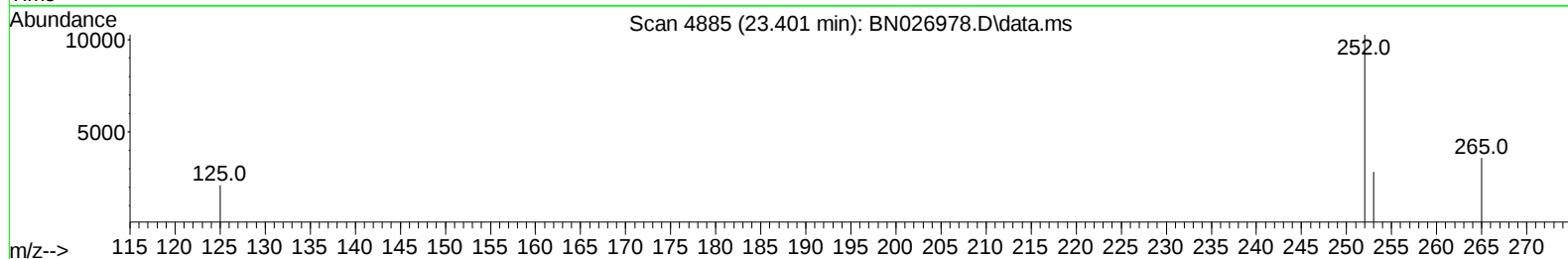
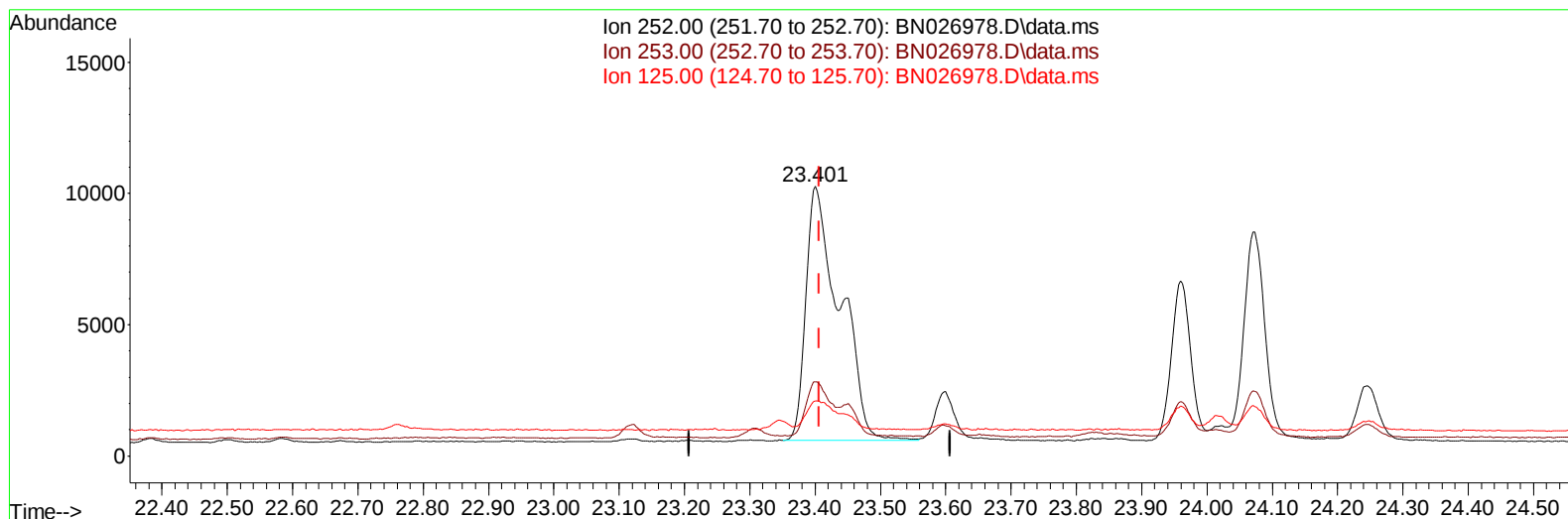
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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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TIC: BN026978.D\data.ms

(24) Benzo(b)fluoranthene

23.401min (-0.006) 0.29 ng/u1

response 34835

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	27.42
125.00	12.60	20.30
0.00	0.00	0.00

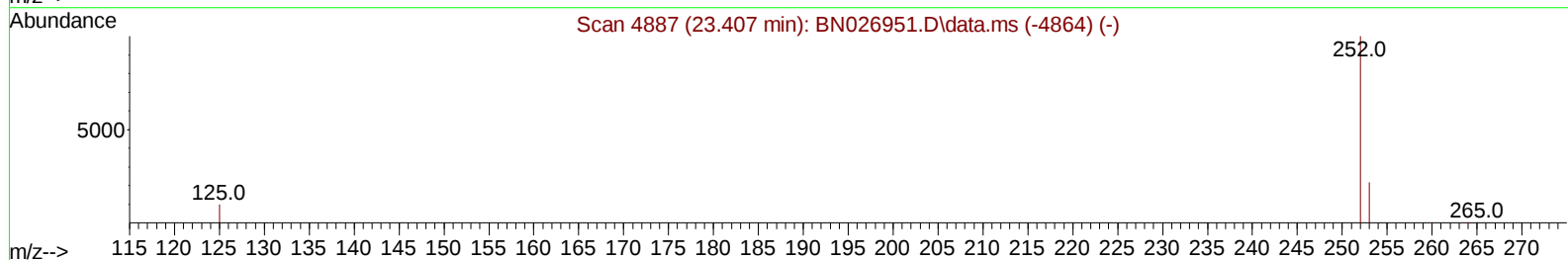
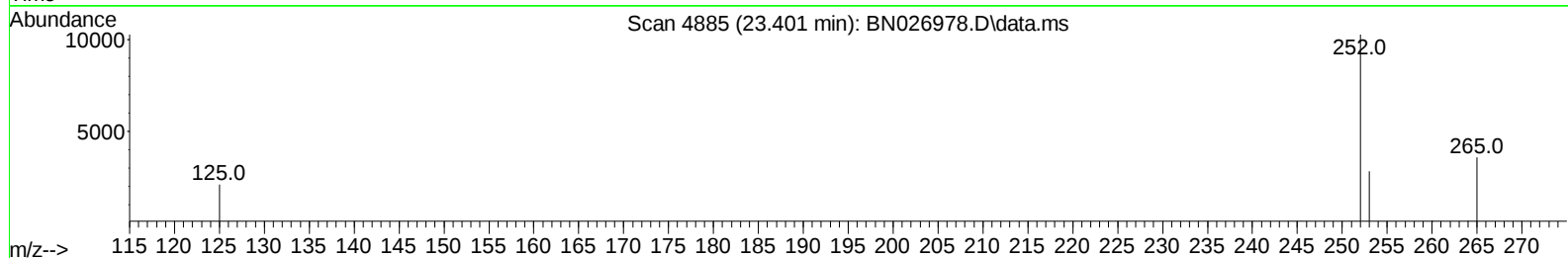
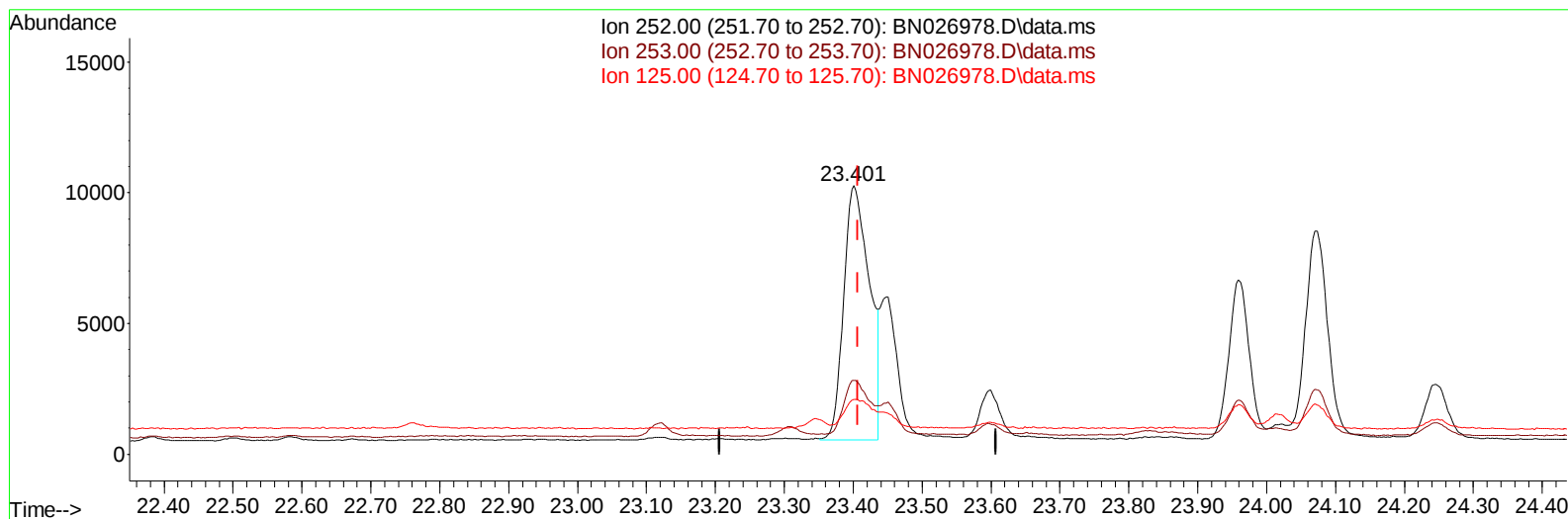
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026978.D
 Acq On : 19 Aug 2023 03:52
 Operator : MA/JU
 Sample : 03965-16DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L1DL

Manual IntegrationsAPPROVED

Quant Time: Aug 19 04:23:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



TIC: BN026978.D\data.ms

(24) Benzo(b)fluoranthene

23.401min (-0.006) 0.21 ng/ul m

response 25247

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	27.42
125.00	12.60	20.30
0.00	0.00	0.00

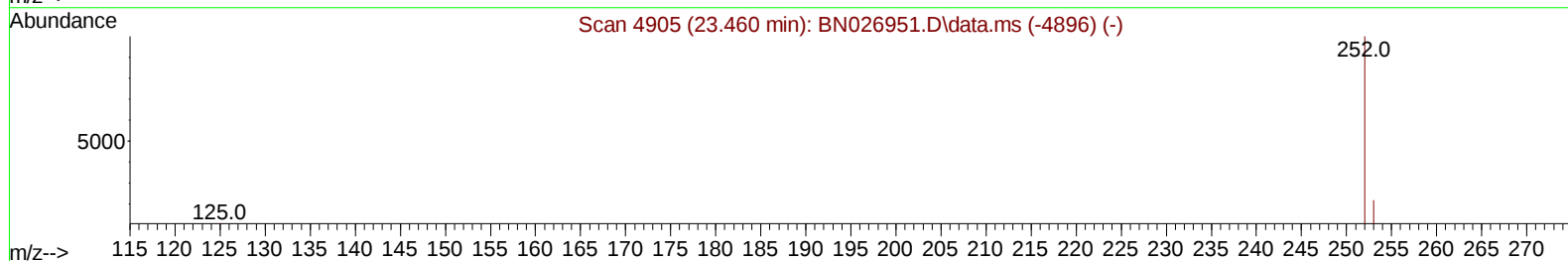
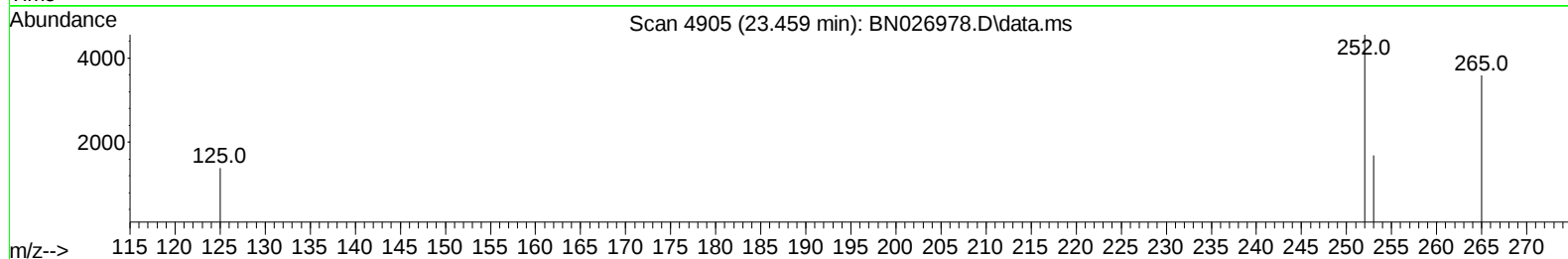
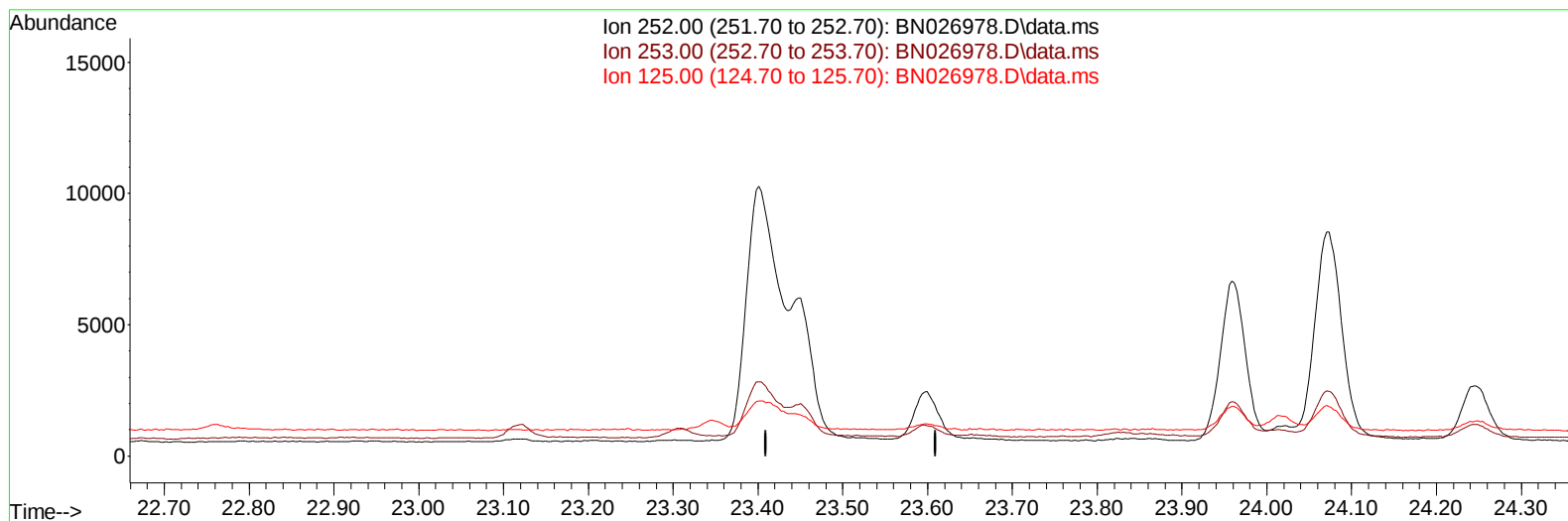
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 Operator : MA/JU
 Sample : 03965-16DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L1DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 08/21/2023



TIC: BN026978.D\data.ms

(25) Benzo(k)fluoranthene

23.460min (-23.460) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	22.80	0.00#
125.00	12.40	0.00#
0.00	0.00	0.00

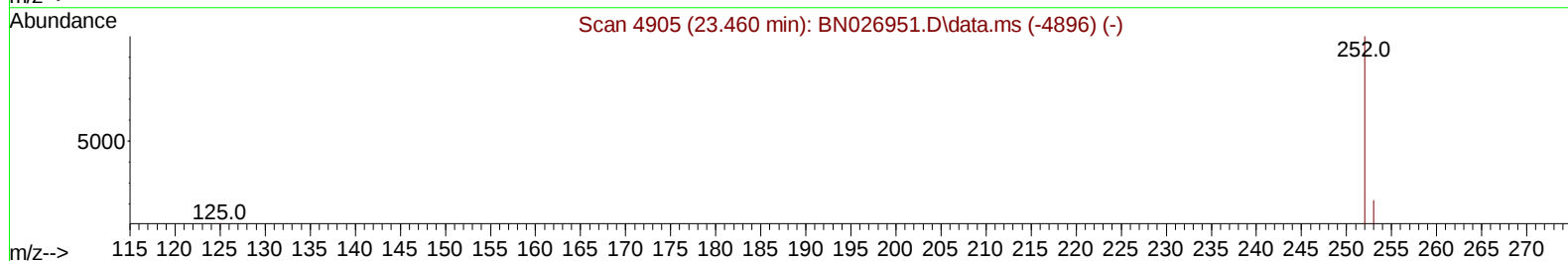
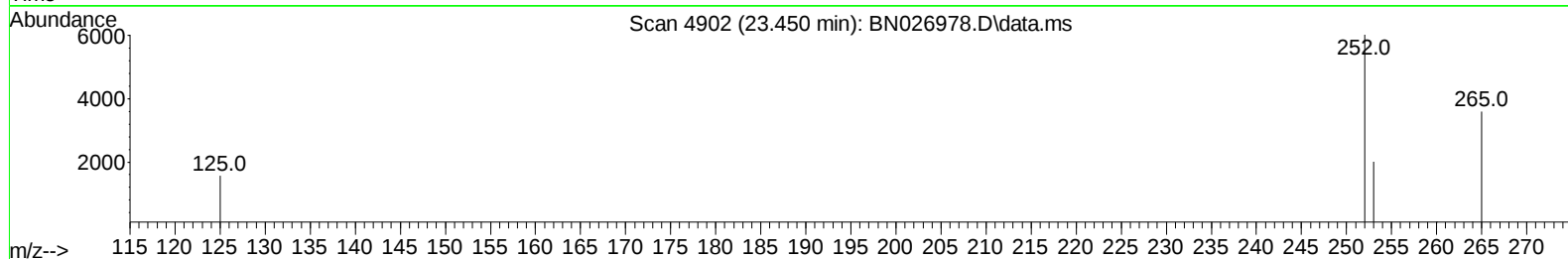
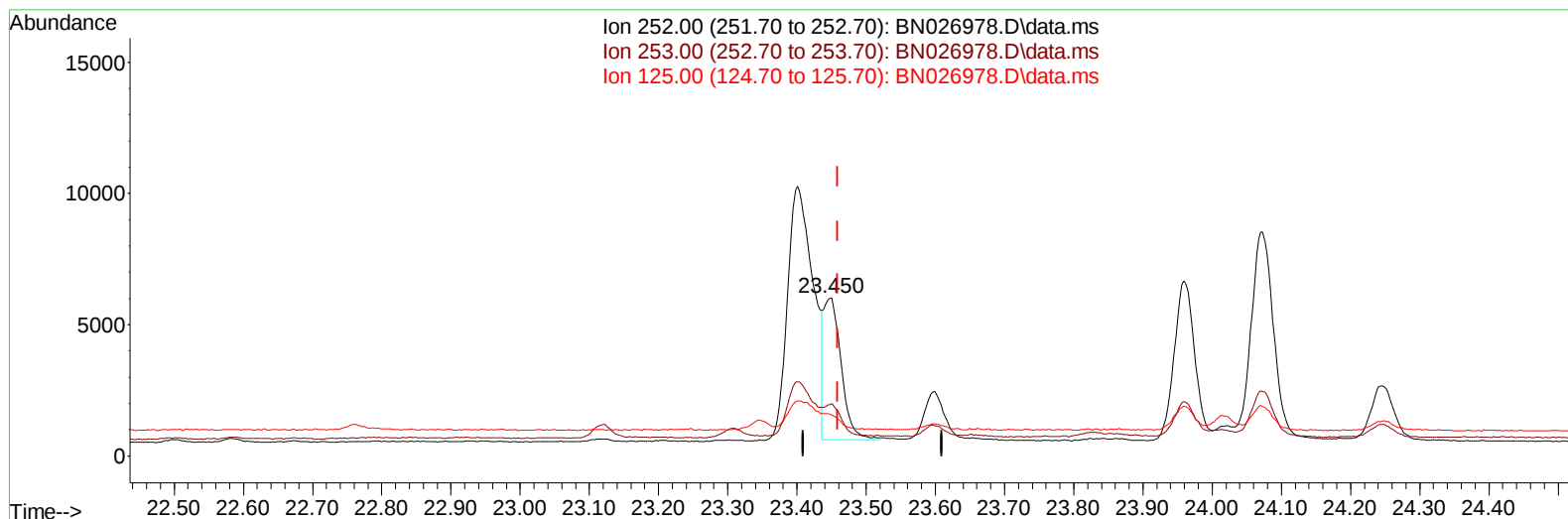
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026978.D
 Acq On : 19 Aug 2023 03:52
 Operator : MA/JU
 Sample : 03965-16DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L1DL

Manual IntegrationsAPPROVED

Quant Time: Aug 19 04:23:02 2023
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Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



TIC: BN026978.D\data.ms

(25) Benzo(k)fluoranthene

23.450min (-0.009) 0.08 ng/u1 m

response 9353

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	33.22#
125.00	12.40	26.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026978.D
 Acq On : 19 Aug 2023 03:52
 Operator : MA/JU
 Sample : 03965-16DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.101	152		9777	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136		30985	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164		19851	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188		44108	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240		35877	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264		32033	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.439	96		5409	0.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152		1500	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.487	212		4041	0.036	ng/ul	0.00
Target Compounds							
							Qvalue
15) Phenanthrene	17.514	178		17960	0.124	ng/ul	99
16) Anthracene	17.607	178		4489m	0.034	ng/ul	
19) Fluoranthene	19.520	202		47742	0.320	ng/ul	98
20) Pyrene	19.887	202		45933m	0.289	ng/ul	
21) Benzo(a)anthracene	21.629	228		22871	0.160	ng/ul	96
22) Chrysene	21.685	228		18343	0.130	ng/ul	97
24) Benzo(b)fluoranthene	23.401	252		25247m	0.208	ng/ul	
25) Benzo(k)fluoranthene	23.450	252		9353m	0.078	ng/ul	
26) Benzo(a)pyrene	24.070	252		17672	0.162	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.874	276		10646	0.074	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.891	278		2283	0.020	ng/ul#	31
29) Benzo(g,h,i)perylene	27.716	276		9148	0.077	ng/ul#	90

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

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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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