

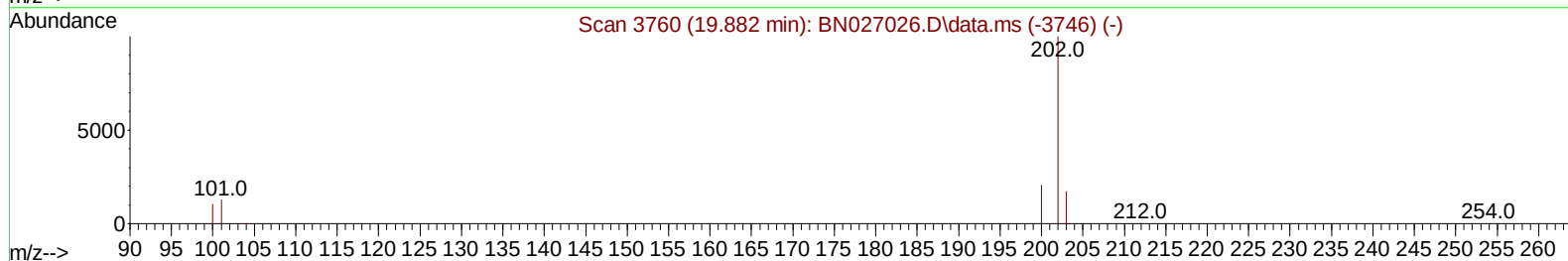
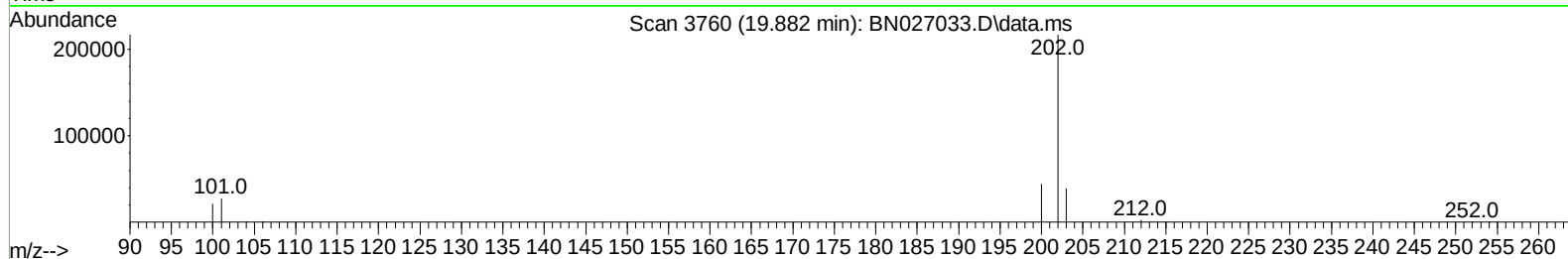
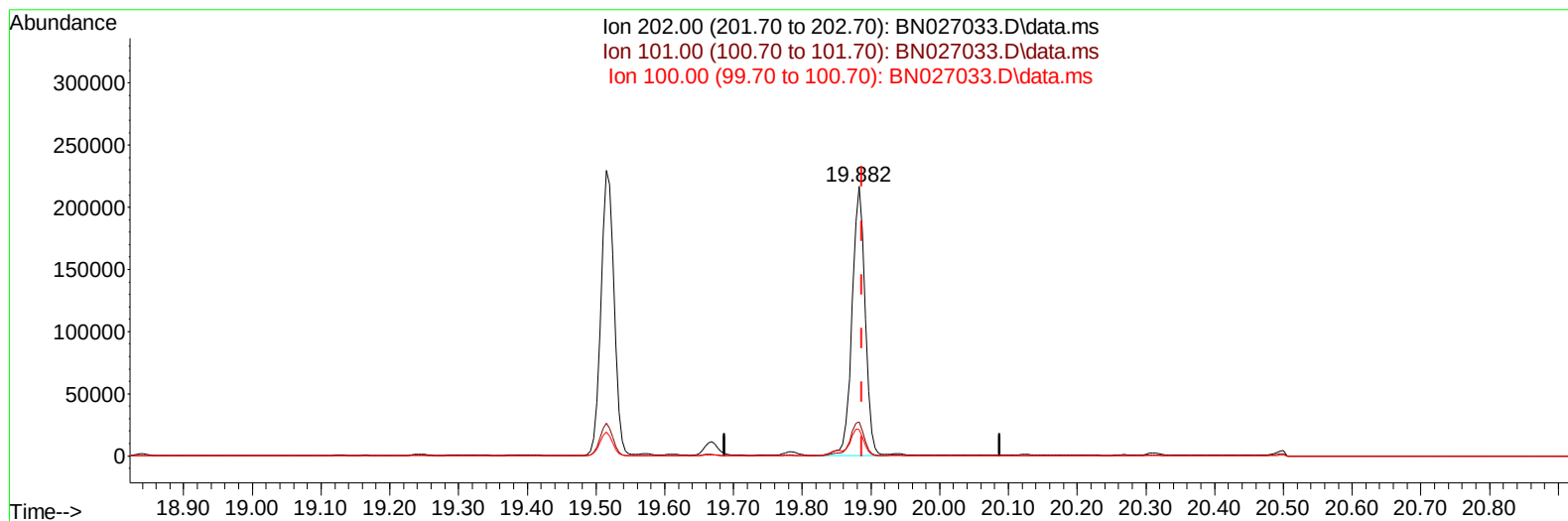
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027033.D
 Acq On : 22 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03967-24DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6DL

Manual IntegrationsAPPROVED

Quant Time: Aug 23 01:43:53 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 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023



TIC: BN027033.D\data.ms

(20) Pyrene

19.882min (-0.005) 2.36 ng/u1

response 280867

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.71
100.00	10.60	9.89
0.00	0.00	0.00

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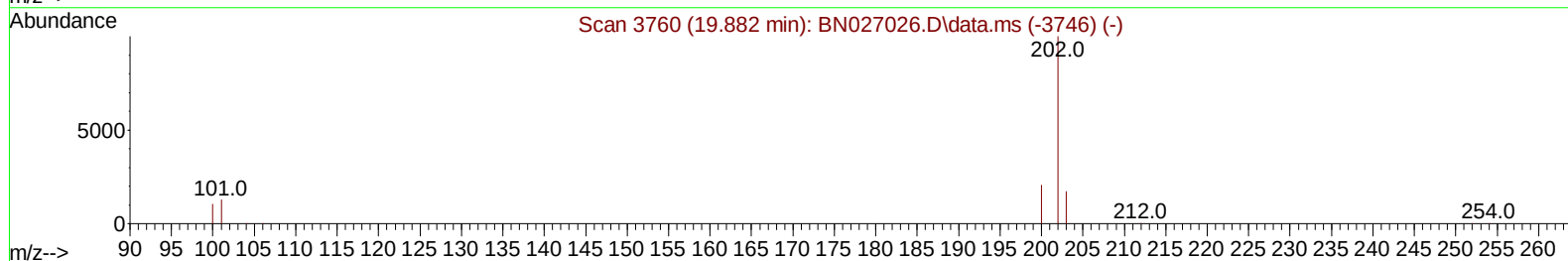
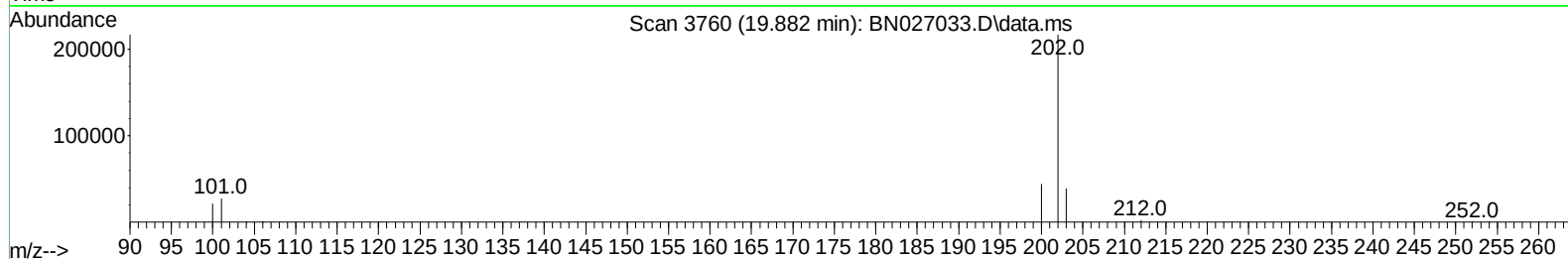
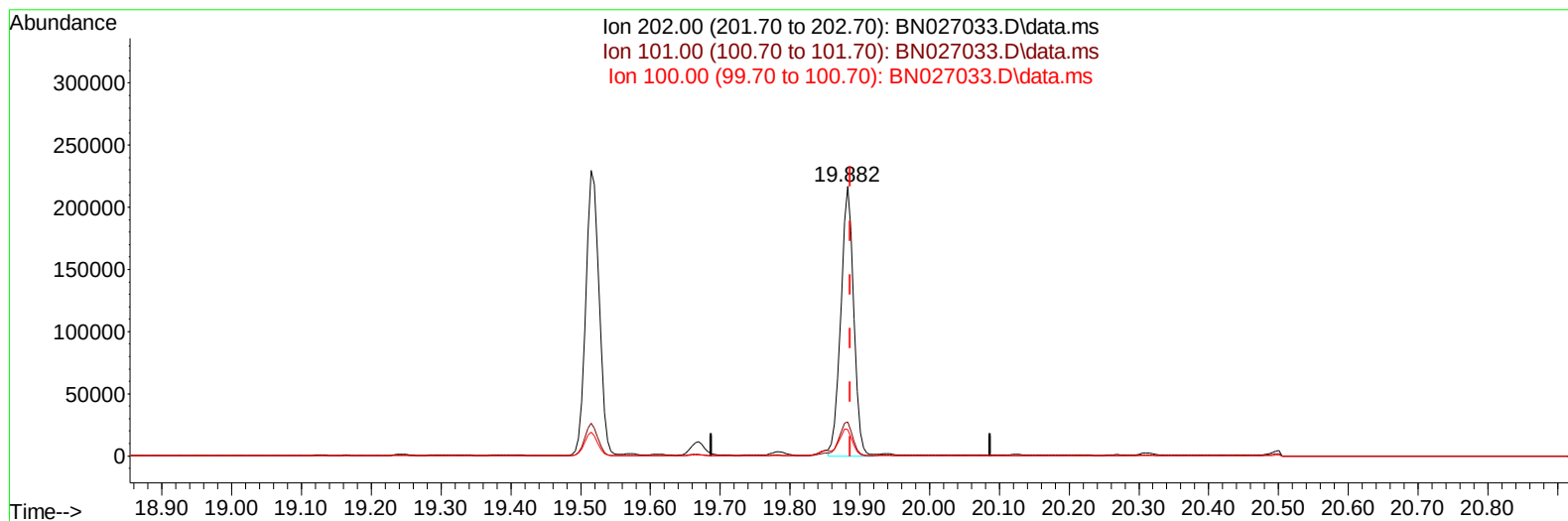
Quant Time: Aug 23 01:43:53 2023

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



TIC: BN027033.D\data.ms

(20) Pyrene

19.882min (-0.005) 2.34 ng/ul m

response 278778

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.71
100.00	10.60	9.89
0.00	0.00	0.00

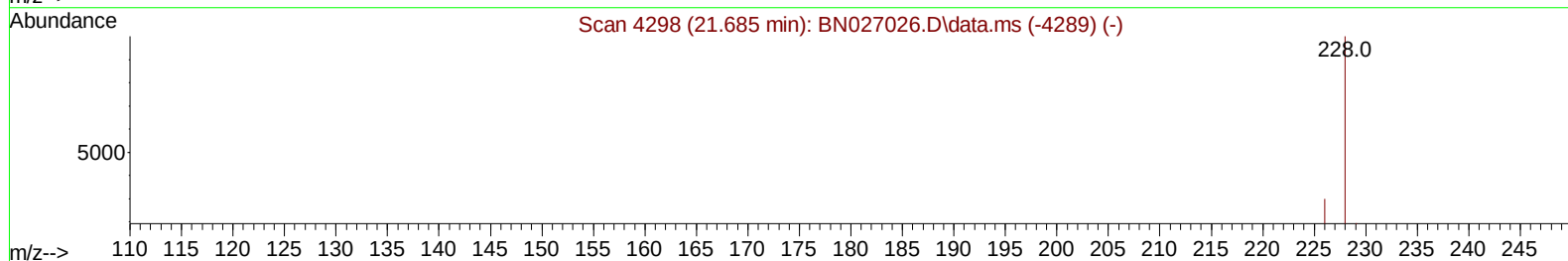
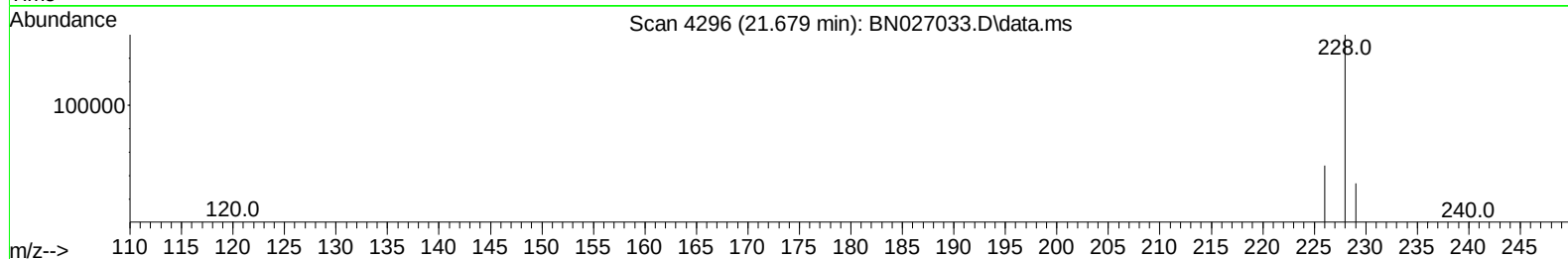
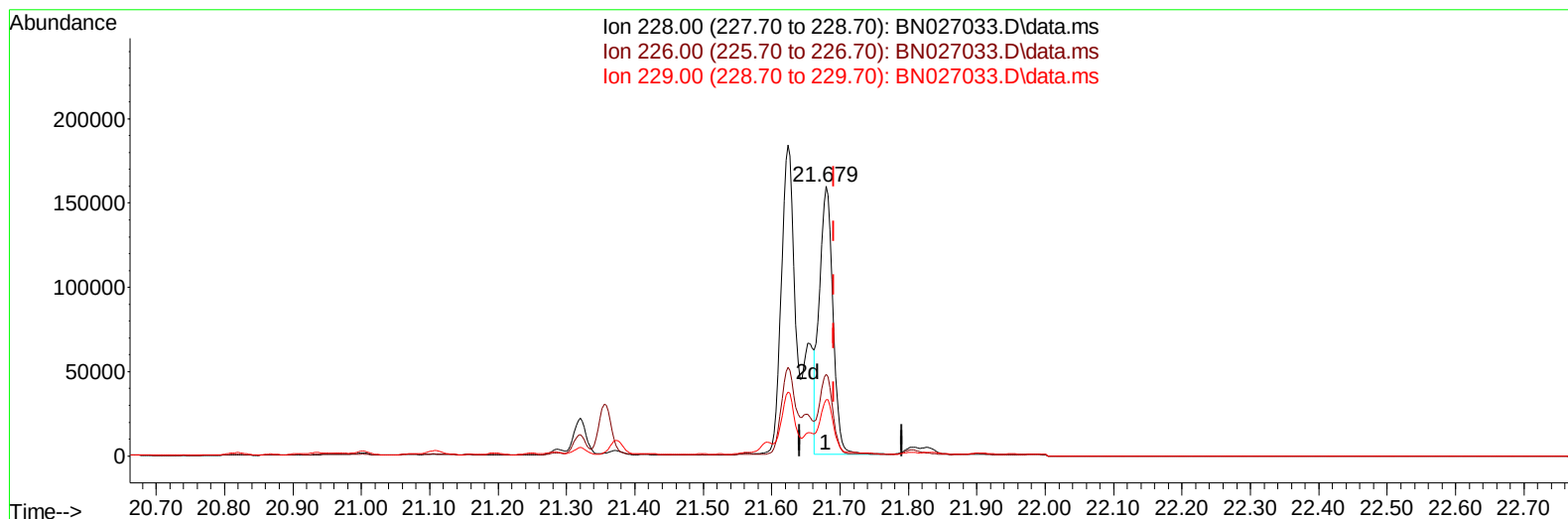
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TIC: BN027033.D\data.ms

(22) Chrysene

21.679min (-0.012) 2.08 ng/ul

response 219100

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	30.42
229.00	19.70	20.94
0.00	0.00	0.00

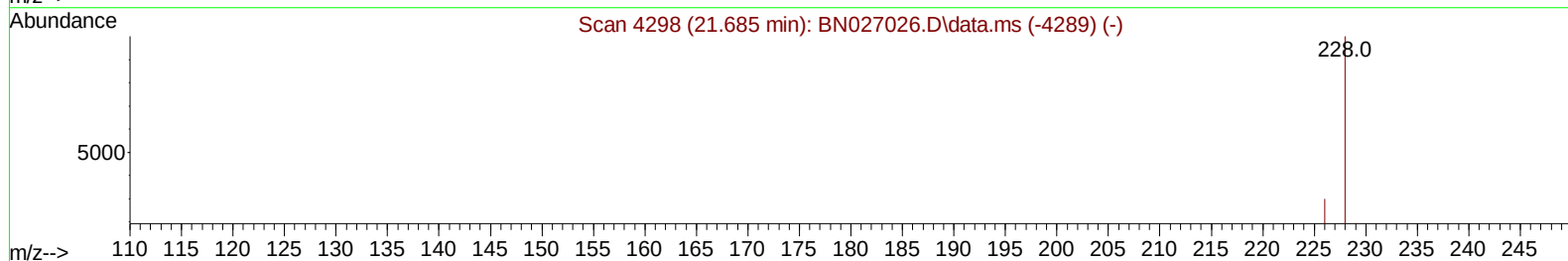
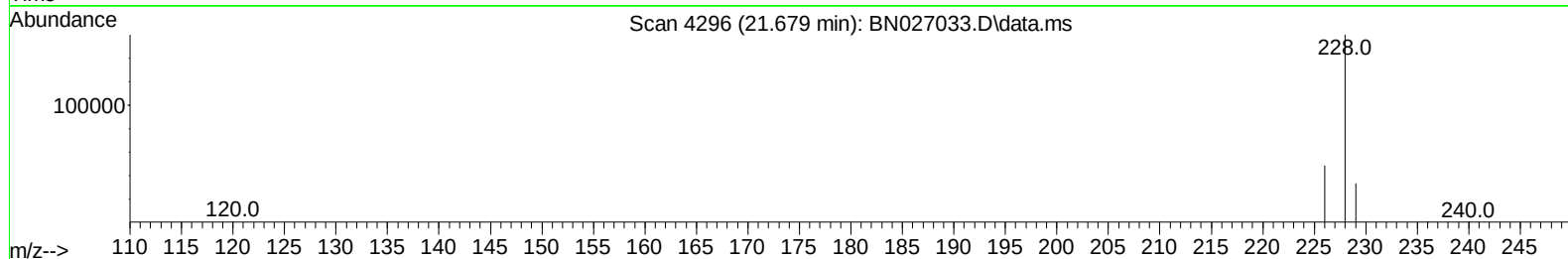
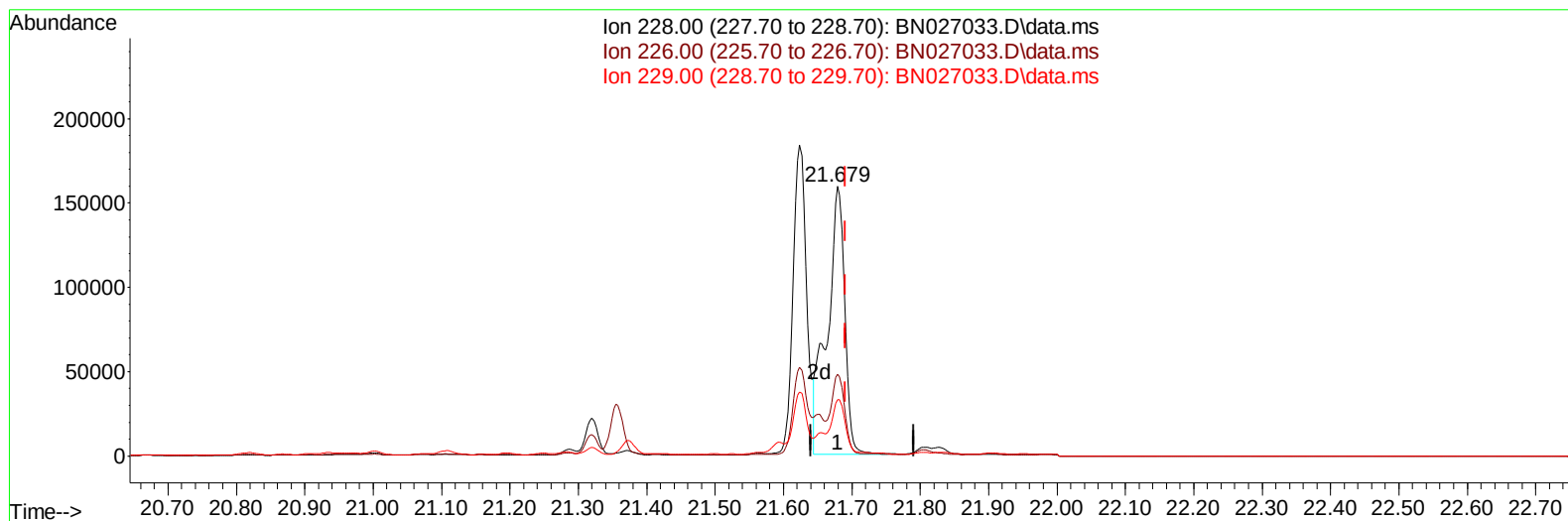
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 Operator : MA/JU
 Sample : 03967-24DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN027033.D\data.ms

(22) Chrysene

21.679min (-0.012) 2.71 ng/ul m

response 285355

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	30.42
229.00	19.70	20.94
0.00	0.00	0.00

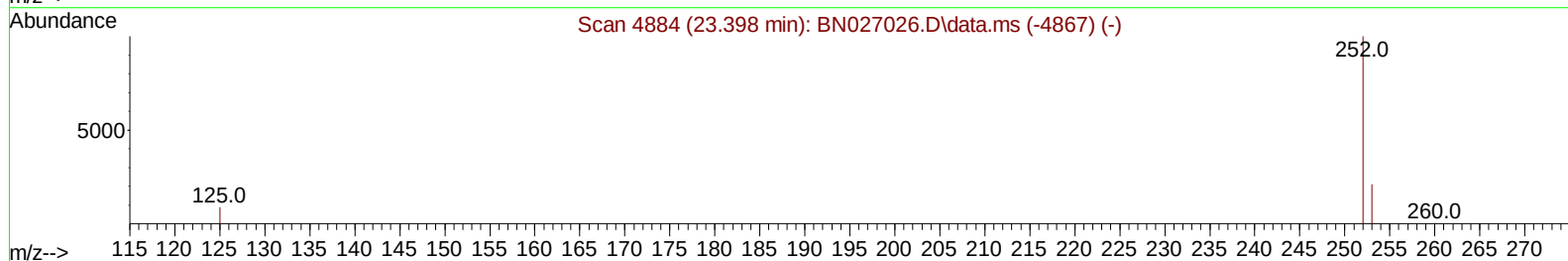
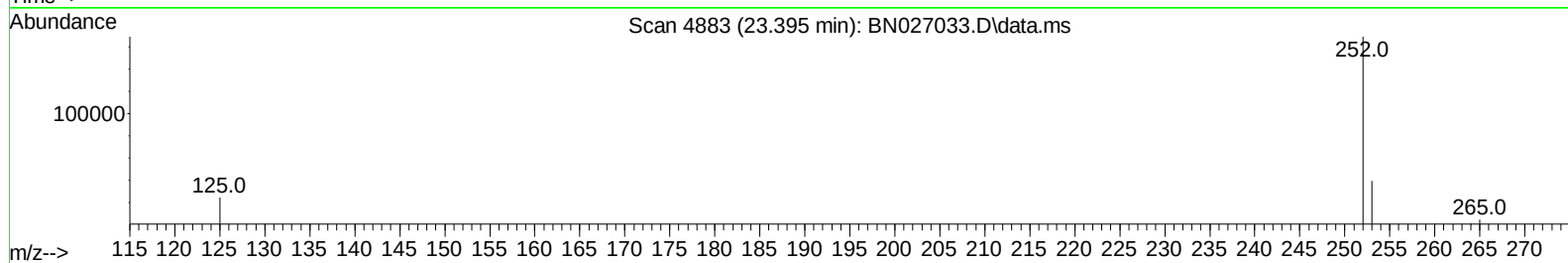
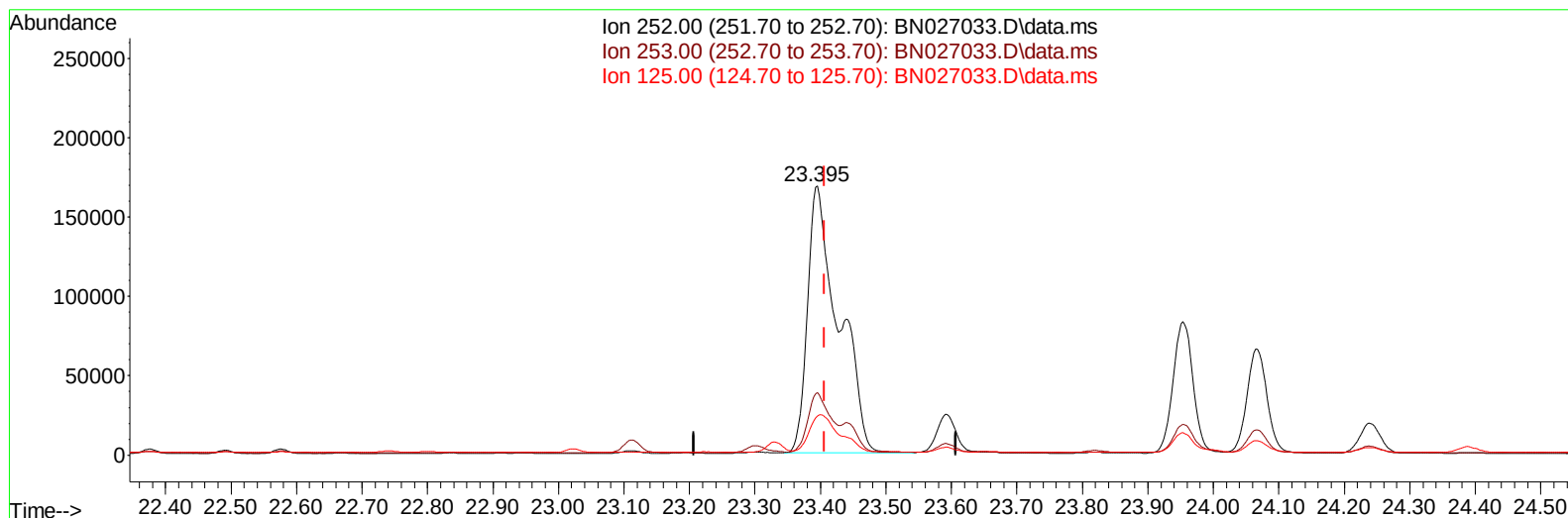
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 Data File : BN027033.D
 Acq On : 22 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03967-24DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6DL

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TIC: BN027033.D\data.ms

(24) Benzo(b)fluoranthene

23.395min (-0.012) 6.21 ng/u1

response 556163

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	23.24
125.00	12.60	14.58
0.00	0.00	0.00

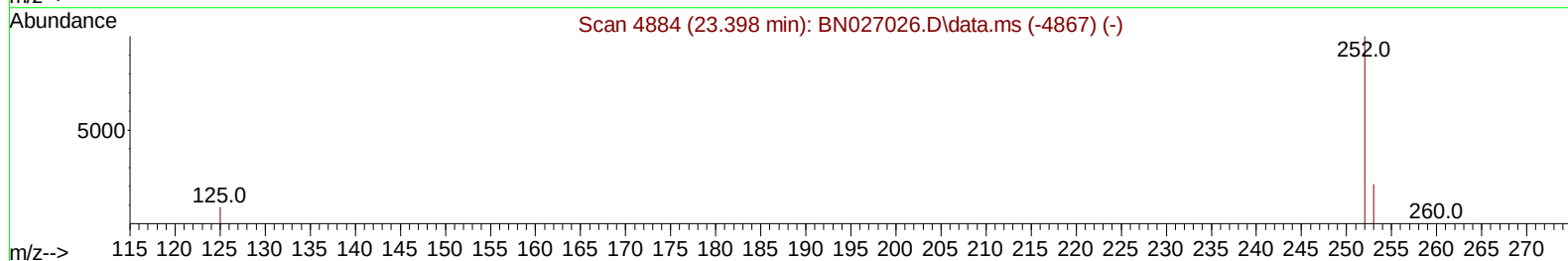
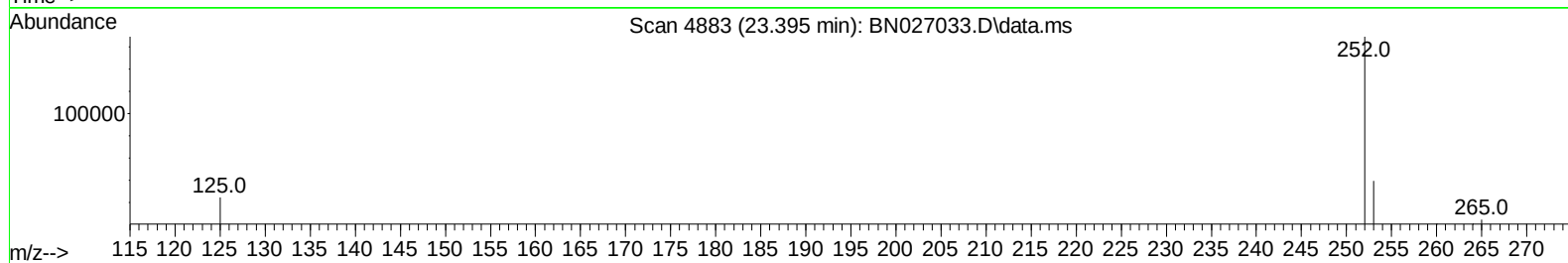
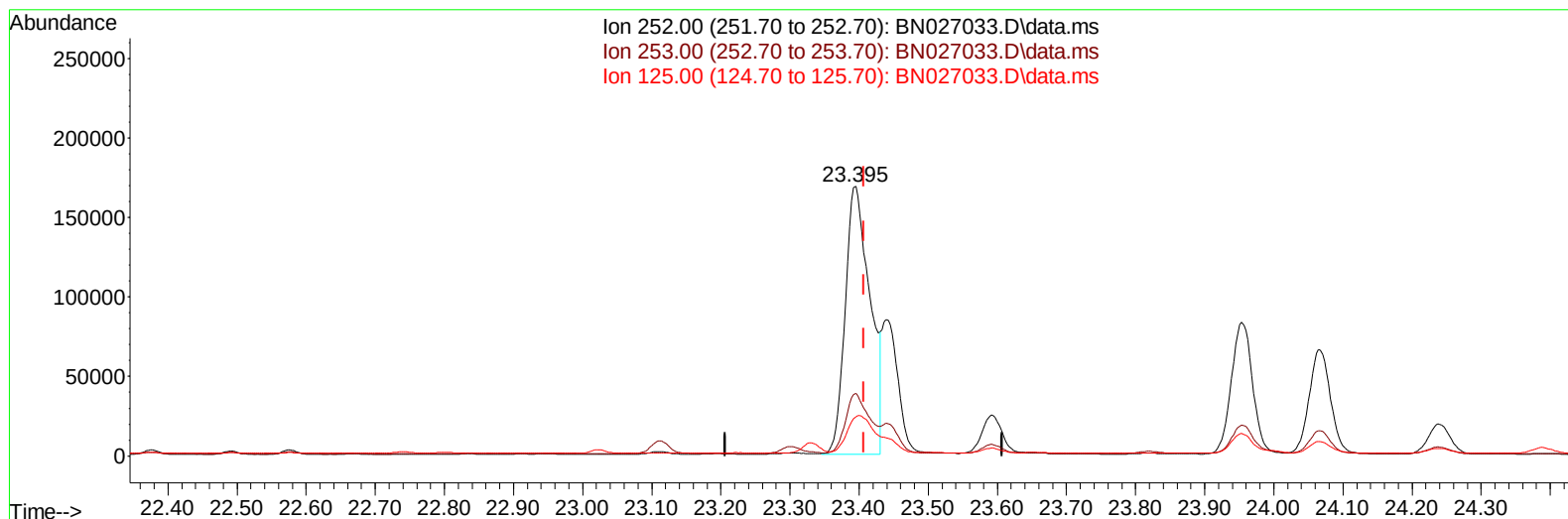
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027033.D
 Acq On : 22 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03967-24DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 23 01:43:53 2023
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TIC: BN027033.D\data.ms

(24) Benzo(b)fluoranthene

23.395min (-0.012) 4.71 ng/ul m

response 421901

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	23.24
125.00	12.60	14.58
0.00	0.00	0.00

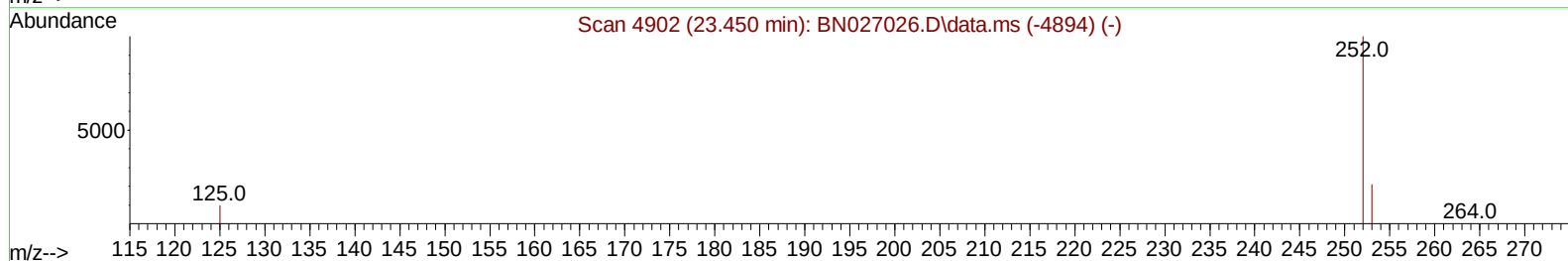
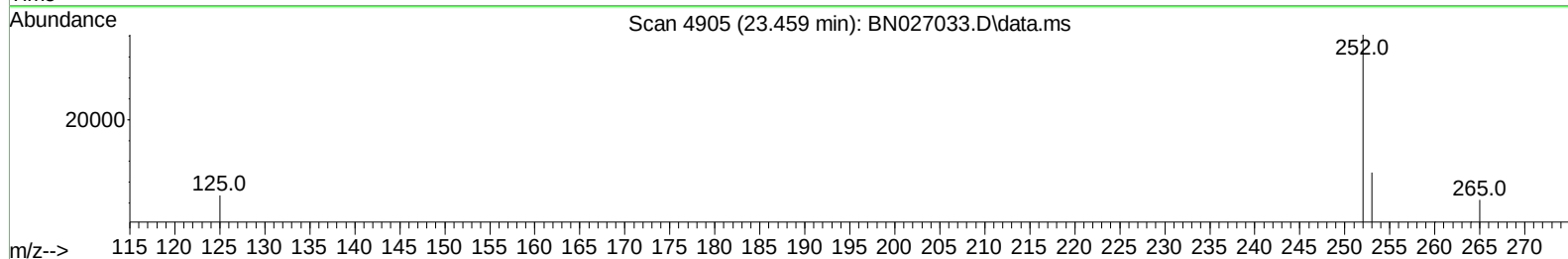
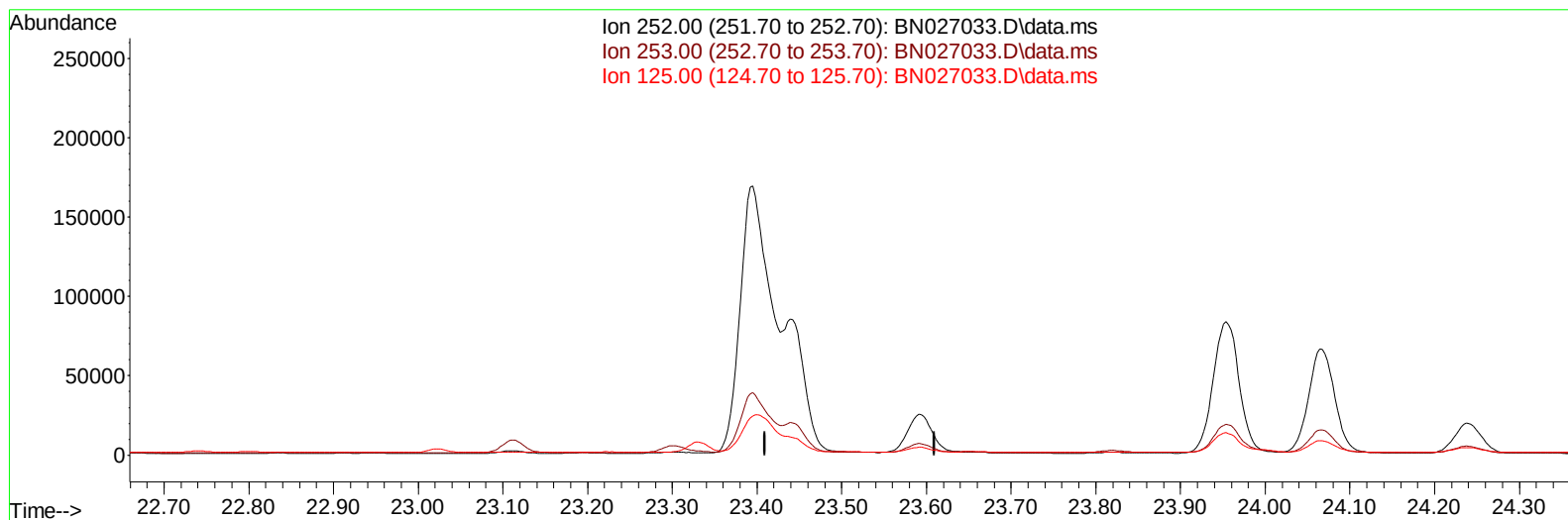
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 Operator : MA/JU
 Sample : 03967-24DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN027033.D\data.ms

(25) Benzo(k)fluoranthene

23.460min (-23.460) 0.00 ng/ul

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

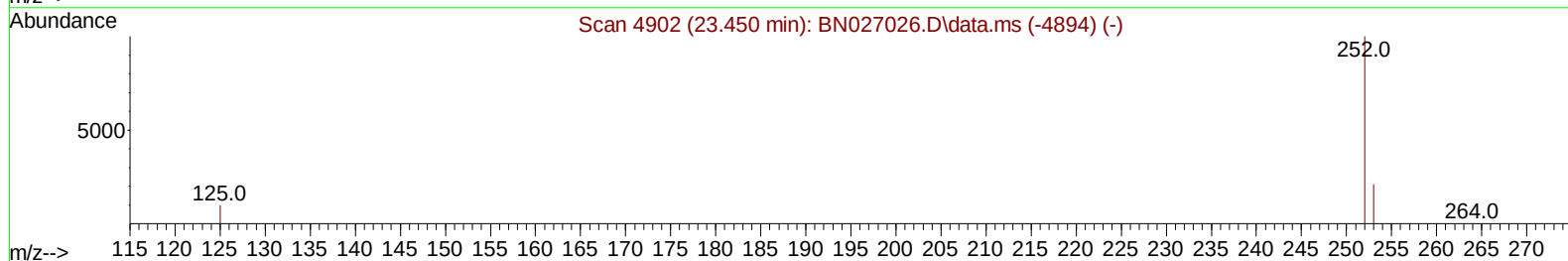
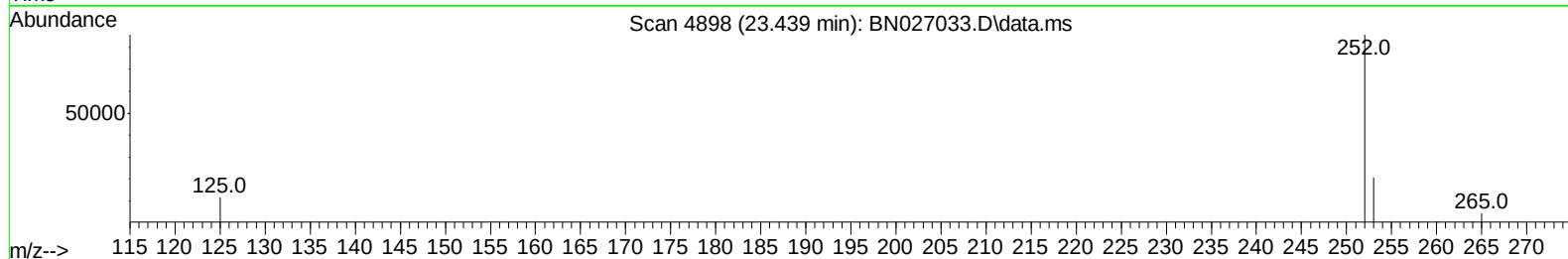
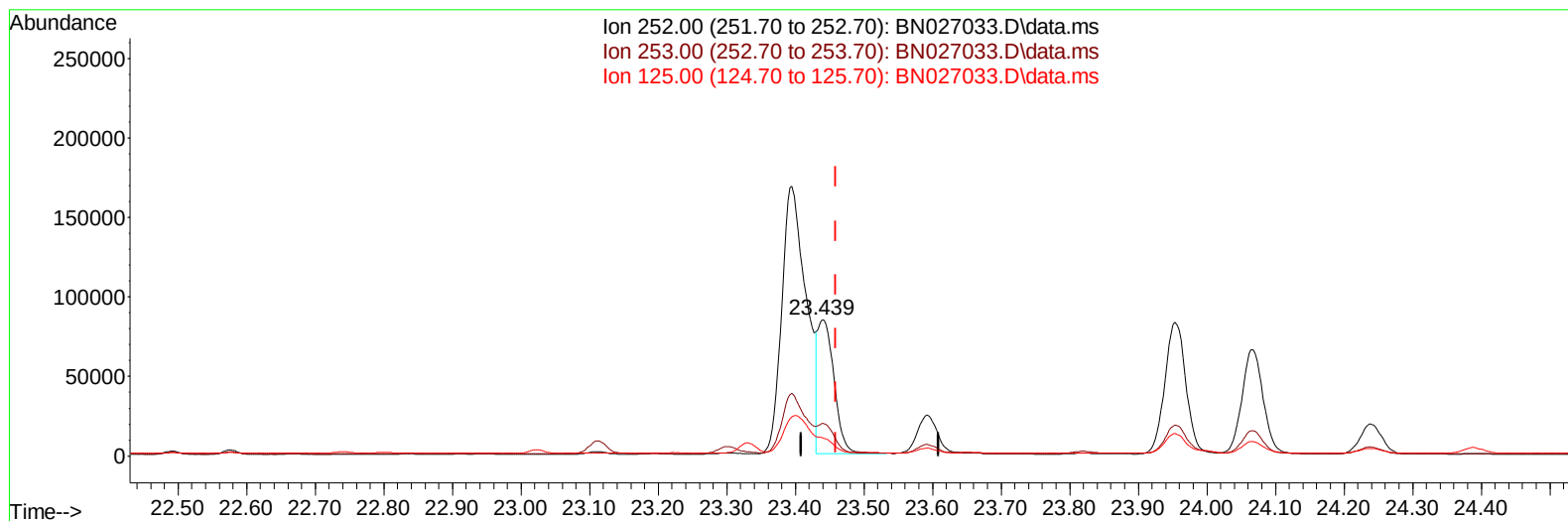
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 Data File : BN027033.D
 Acq On : 22 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03967-24DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6DL

Manual IntegrationsAPPROVED

Quant Time: Aug 23 01:43:53 2023
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TIC: BN027033.D\data.ms

(25) Benzo(k)fluoranthene

23.439min (-0.021) 1.56 ng/ul m

response 137858

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	23.92
125.00	12.40	13.54
0.00	0.00	0.00

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 Data File : BN027033.D
 Acq On : 22 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03967-24DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6DL

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152		7964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136		26065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164		15165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188		32958	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240		26855	0.400	ng/ul	0.00
23) Perylene-d12	24.185	264		23689	0.400	ng/ul	#-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.439	96		6065	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152		1313	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.487	212		3162	0.037	ng/ul	0.00
Target Compounds							
							Qvalue
5) Naphthalene	10.977	128		2633	0.036	ng/ul#	88
7) 2-Methylnaphthalene	12.572	142		1017	0.023	ng/ul	98
10) Acenaphthylene	14.453	152		53706	0.632	ng/ul	99
12) Fluorene	15.772	166		2474	0.037	ng/ul#	97
15) Phenanthrene	17.515	178		33161	0.306	ng/ul	99
16) Anthracene	17.603	178		44396	0.454	ng/ul	99
19) Fluoranthene	19.515	202		303887	2.724	ng/ul	98
20) Pyrene	19.882	202		278778m	2.342	ng/ul	
21) Benzo(a)anthracene	21.624	228		254605	2.384	ng/ul	99
22) Chrysene	21.679	228		285355m	2.707	ng/ul	
24) Benzo(b)fluoranthene	23.395	252		421901m	4.709	ng/ul	
25) Benzo(k)fluoranthene	23.439	252		137858m	1.560	ng/ul	
26) Benzo(a)pyrene	24.065	252		140781	1.741	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.861	276		122863	1.162	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.888	278		34528	0.410	ng/ul#	89
29) Benzo(g,h,i)perylene	27.706	276		98423	1.118	ng/ul	100

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

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