

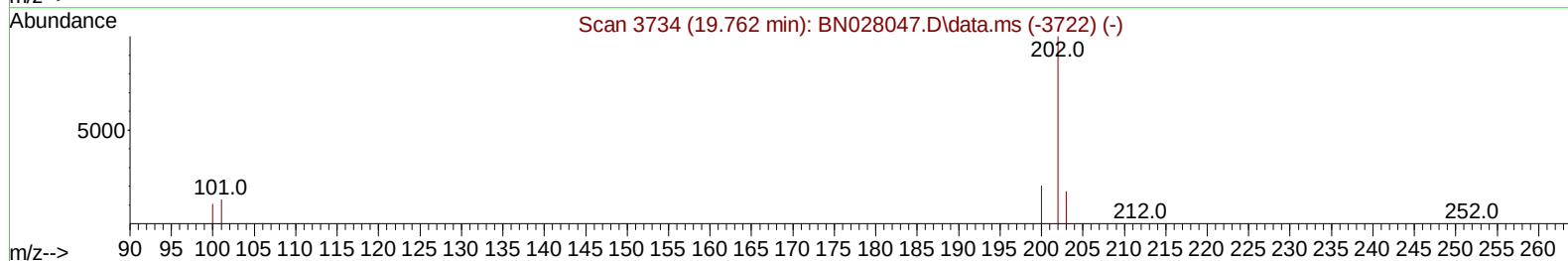
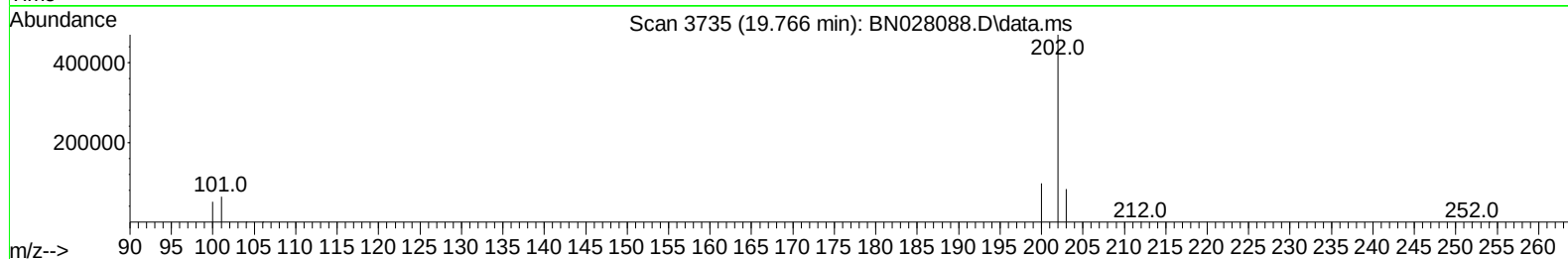
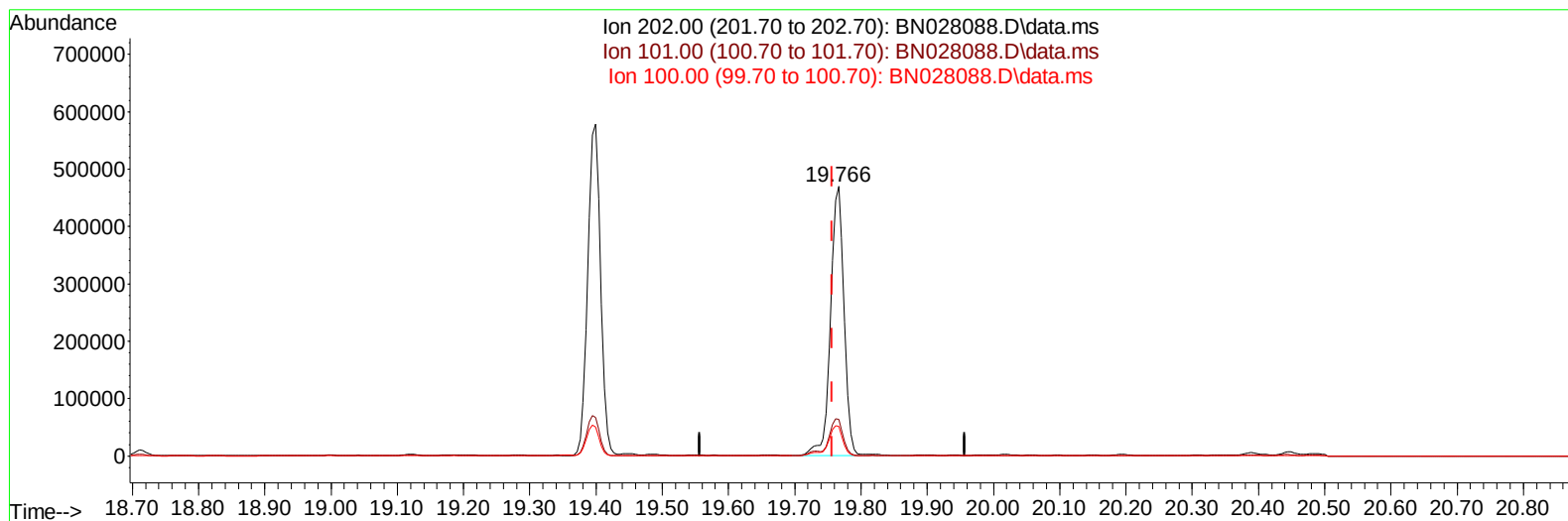
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028088.D
 Acq On : 06 Oct 2023 17:07
 Operator : MA/JU
 Sample : 04527-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG9DL

Manual IntegrationsAPPROVED

Quant Time: Oct 07 00:31:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



TIC: BN028088.D\data.ms

(20) Pyrene

19.766min (+ 0.009) 11.31 ng/ul

response 671554

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.00	13.65
100.00	11.40	10.95
0.00	0.00	0.00

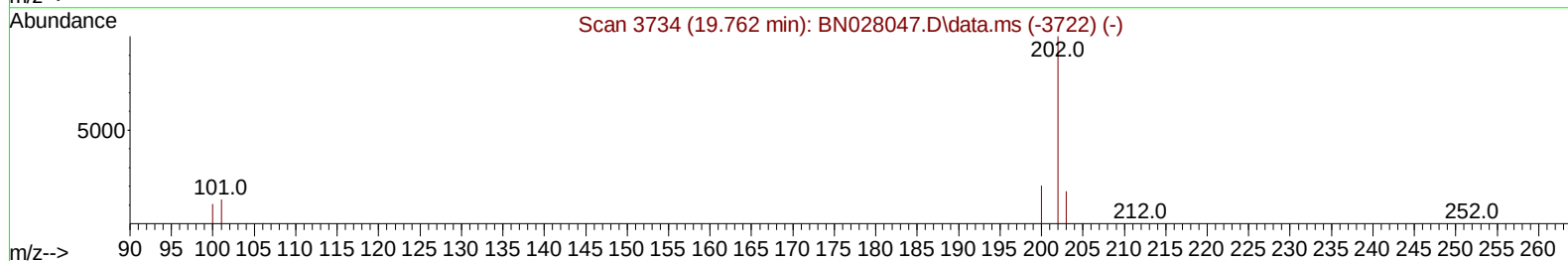
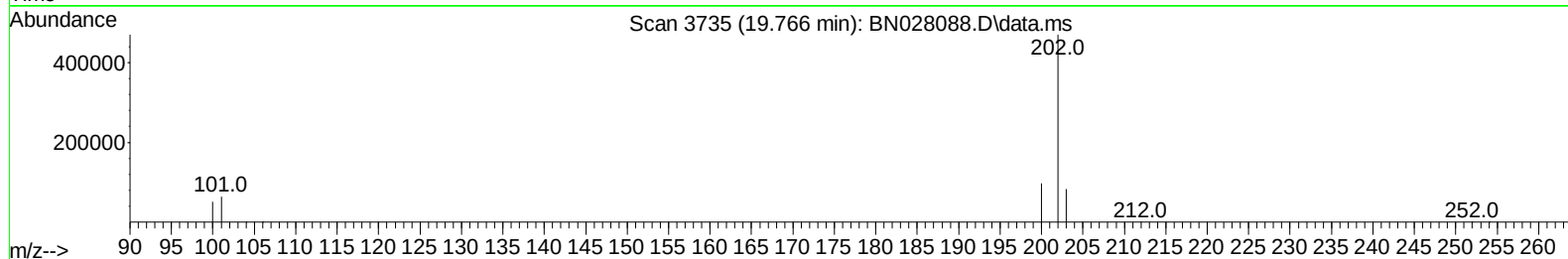
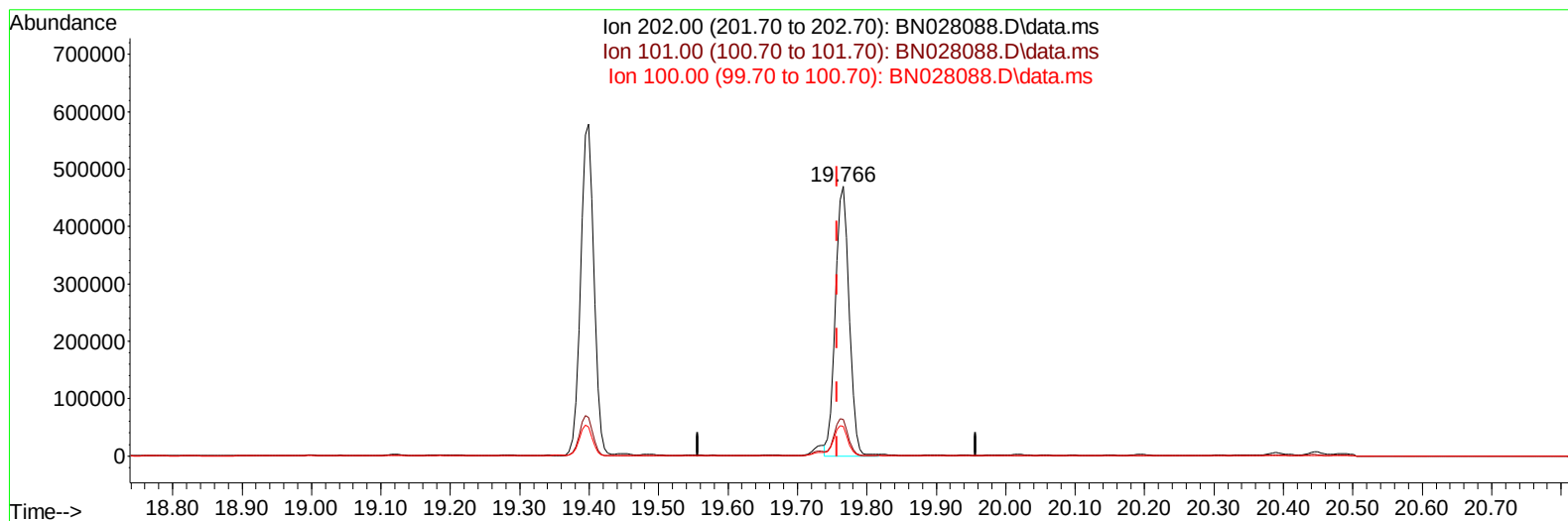
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TIC: BN028088.D\data.ms

(20) Pyrene

19.766min (+ 0.009) 10.97 ng/ul m

response 651315

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.00	13.65
100.00	11.40	10.95
0.00	0.00	0.00

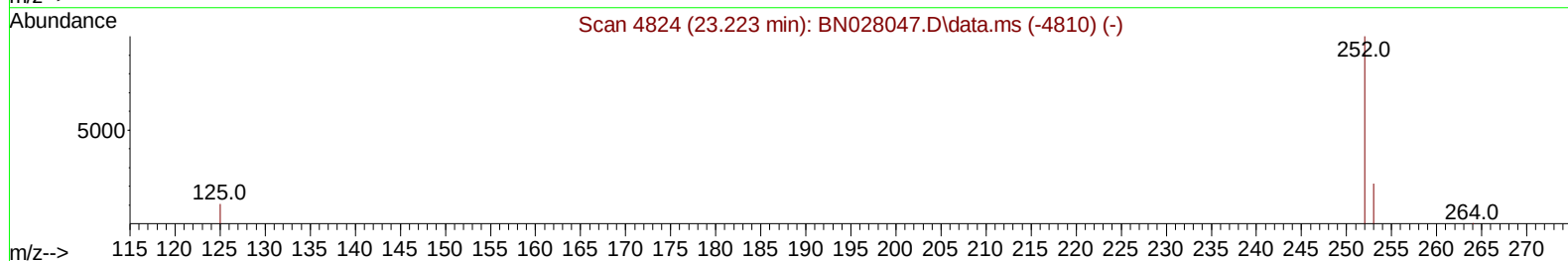
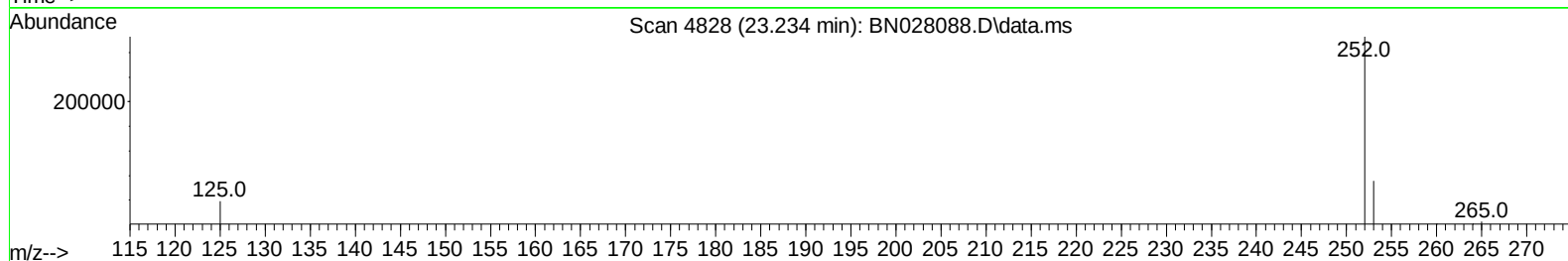
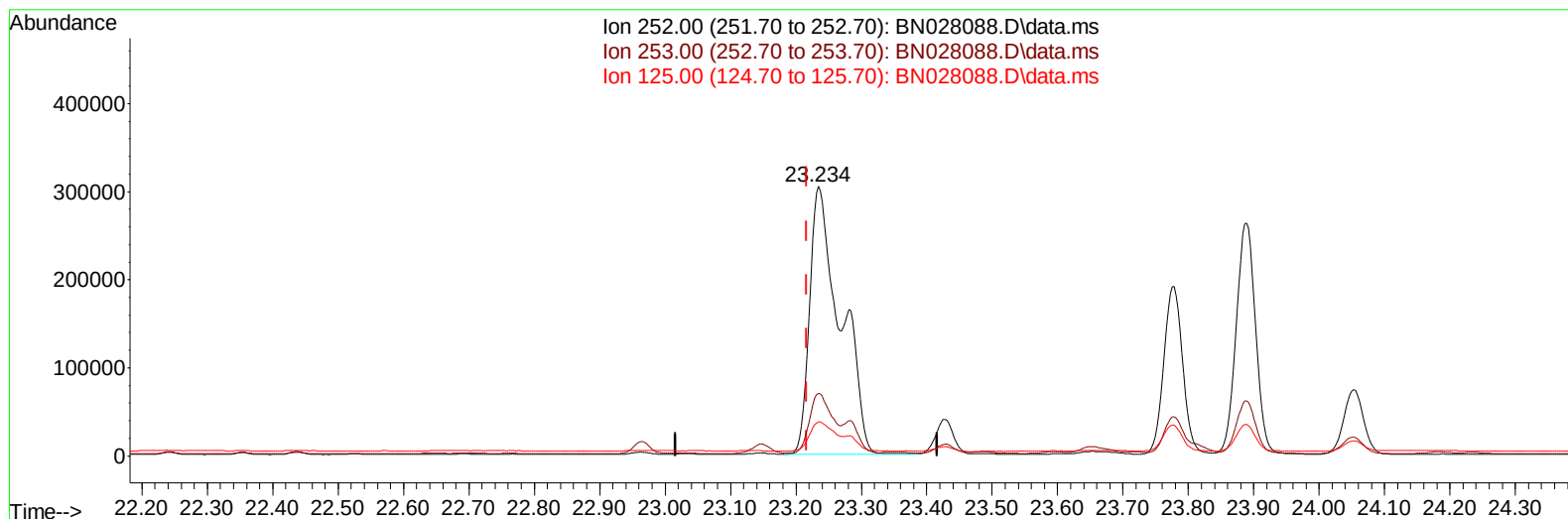
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 Acq On : 06 Oct 2023 17:07
 Operator : MA/JU
 Sample : 04527-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG9DL

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TIC: BN028088.D\data.ms

(24) Benzo(b)fluoranthene

23.234min (+ 0.017) 13.60 ng/ul

response 998345

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.20
125.00	15.70	12.62
0.00	0.00	0.00

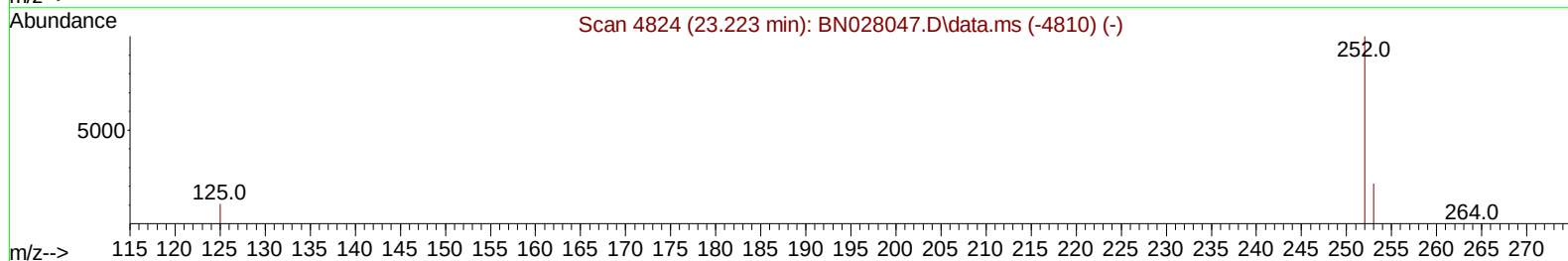
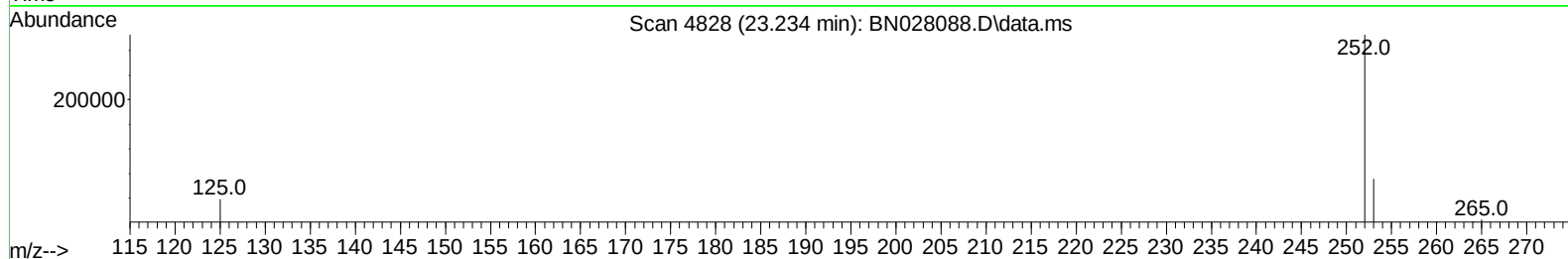
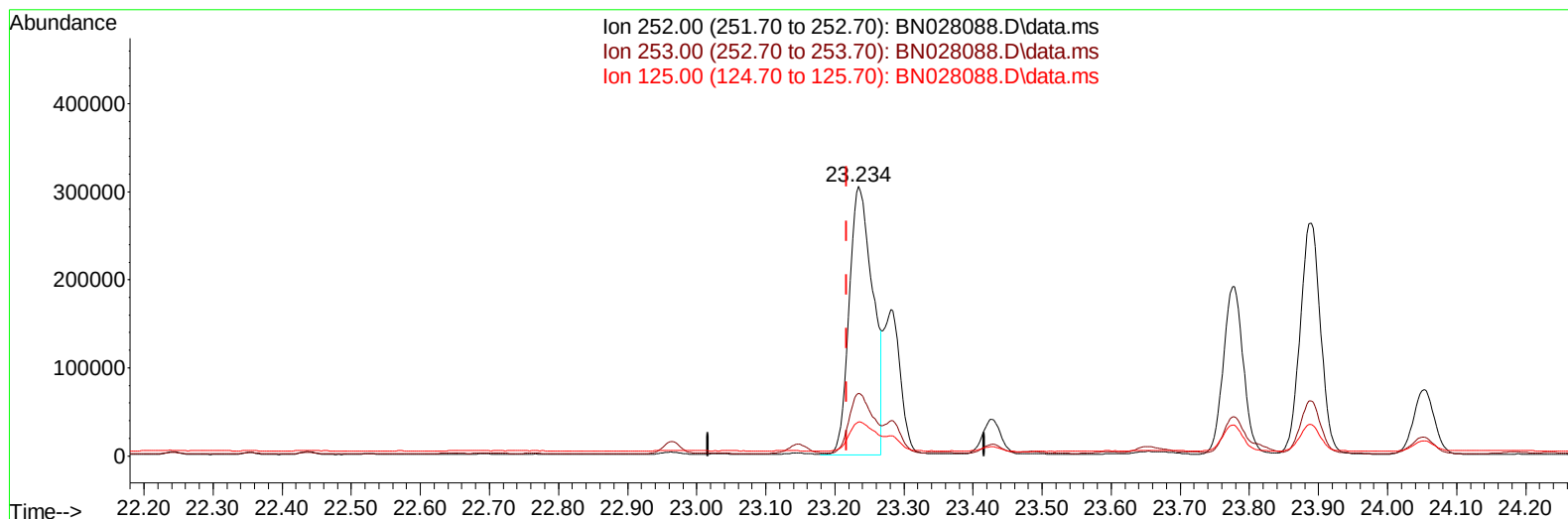
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 Operator : MA/JU
 Sample : 04527-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028088.D\data.ms

(24) Benzo(b)fluoranthene

23.234min (+ 0.017) 9.83 ng/ul m

response 722057

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.20
125.00	15.70	12.62
0.00	0.00	0.00

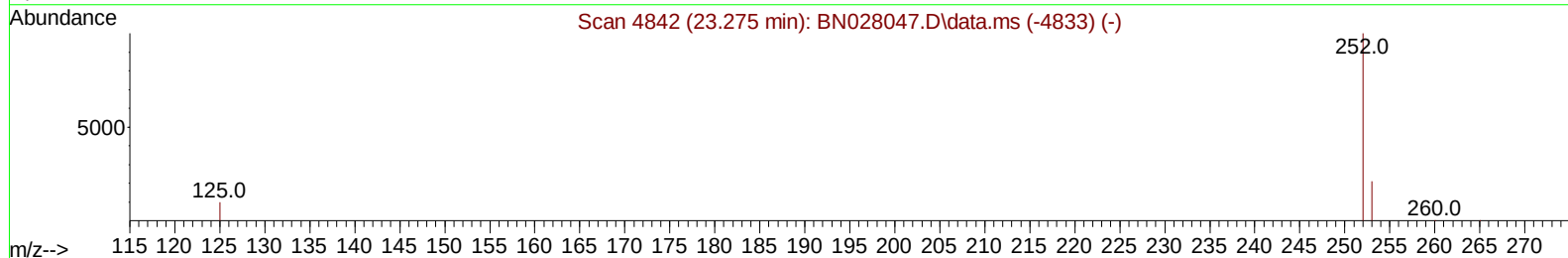
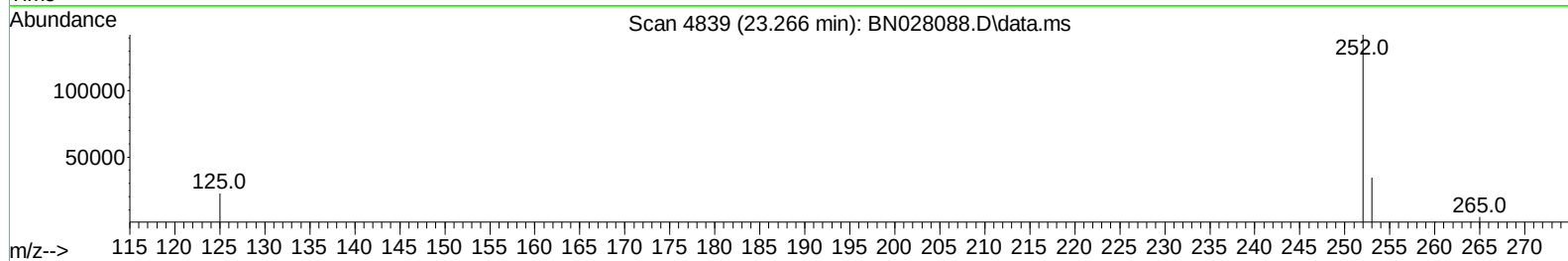
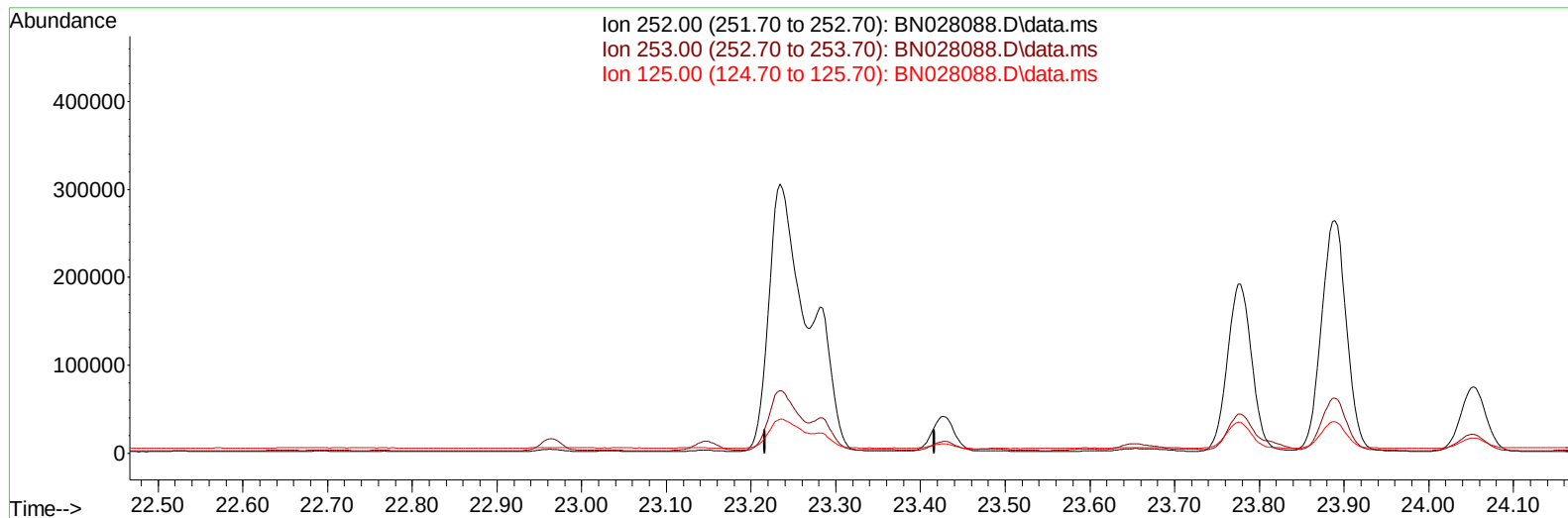
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 Sample : 04527-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG9DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 10/08/2023



TIC: BN028088.D\data.ms

(25) Benzo(k)fluoranthene

23.267min (-23.267) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	27.30	0.00#
125.00	16.00	0.00#
0.00	0.00	0.00

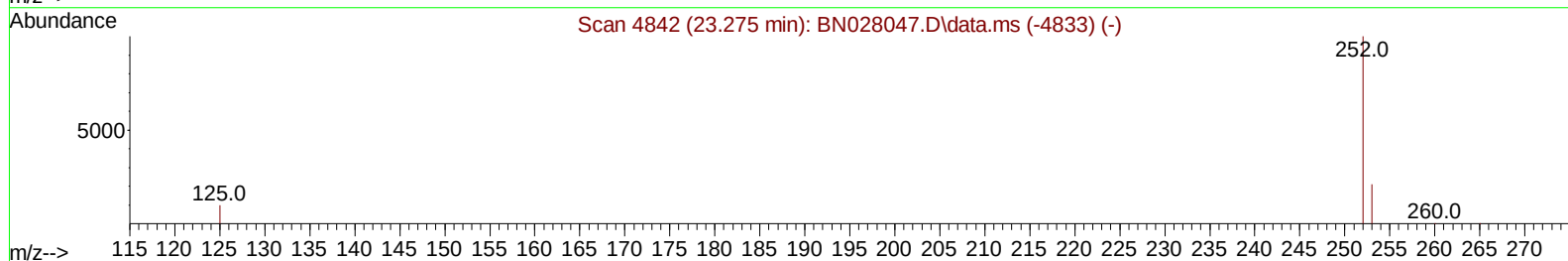
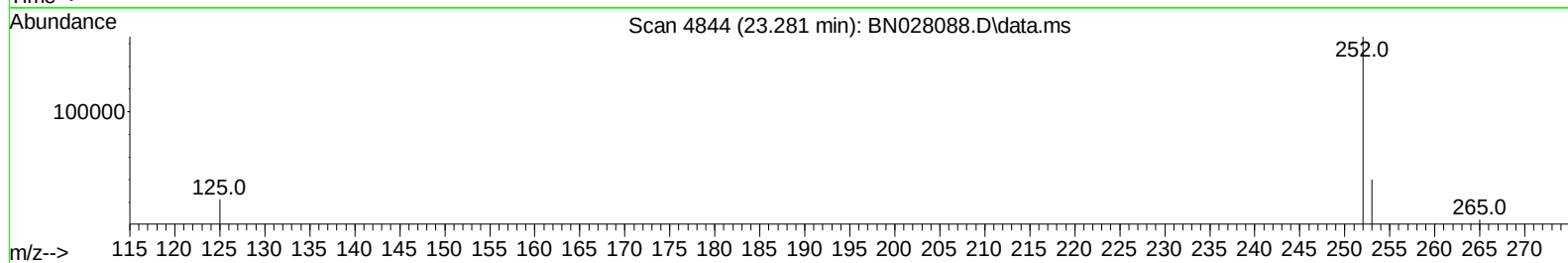
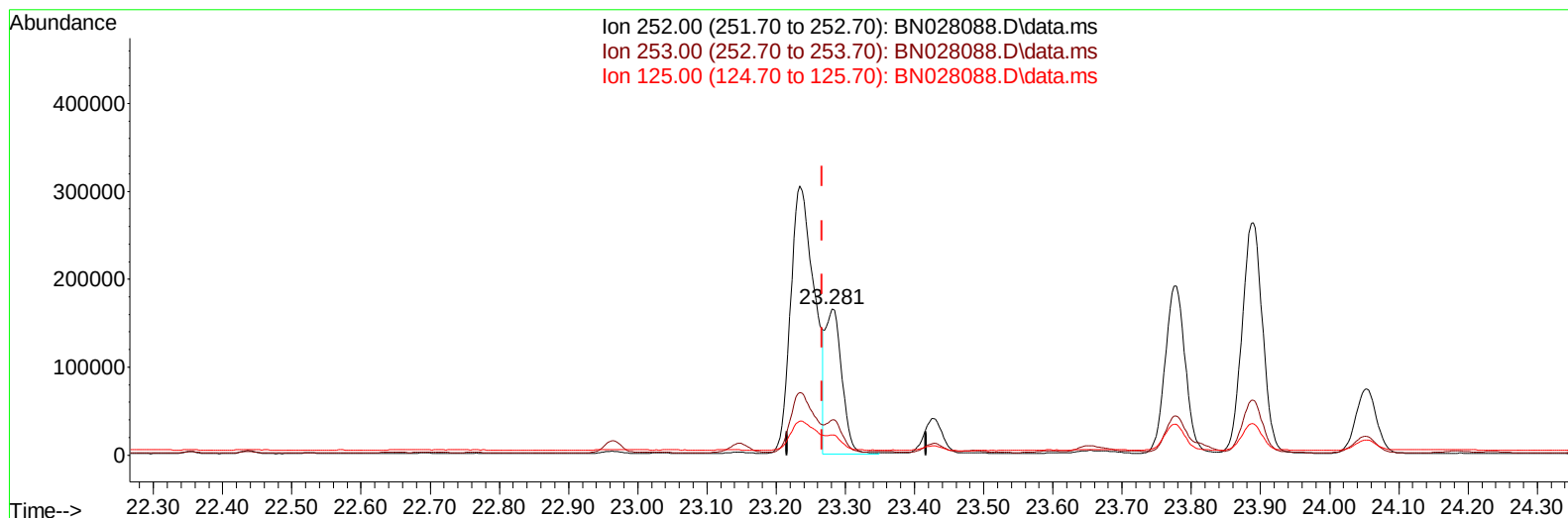
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028088.D
 Acq On : 06 Oct 2023 17:07
 Operator : MA/JU
 Sample : 04527-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG9DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



TIC: BN028088.D\data.ms

(25) Benzo(k)fluoranthene

23.281min (+ 0.015) 3.82 ng/ul m

response 279416

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.30	24.09
125.00	16.00	13.71
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 04527-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	5370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	16781	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	9141	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	18472	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	14997	0.400	ng/ul	# 0.01
23) Perylene-d12	24.000	264	19803	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	6580	0.976	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	1663	0.062	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	2733	0.057	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.806	128	17136	0.360	ng/ul	96
7) 2-Methylnaphthalene	12.412	142	9934	0.330	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	5088	0.164	ng/ul	98
10) Acenaphthylene	14.310	152	2364	0.057	ng/ul#	57
11) Acenaphthene	14.647	153	19531	0.592	ng/ul	99
12) Fluorene	15.633	166	7944	0.216	ng/ul#	96
15) Phenanthrene	17.380	178	346495	6.294	ng/ul	99
16) Anthracene	17.472	178	54504	1.107	ng/ul	99
19) Fluoranthene	19.399	202	777605	13.579	ng/ul	99
20) Pyrene	19.766	202	651315m	10.974	ng/ul	
21) Benzo(a)anthracene	21.513	228	422730	7.720	ng/ul	99
22) Chrysene	21.565	228	429226	7.762	ng/ul	98
24) Benzo(b)fluoranthene	23.234	252	722057m	9.833	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	279416m	3.824	ng/ul	
26) Benzo(a)pyrene	23.889	252	542858	8.670	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.592	276	451178	5.956	ng/ul	92
28) Dibenzo(a,h)anthracene	26.603	278	119724	1.943	ng/ul#	95
29) Benzo(g,h,i)perylene	27.407	276	444541	7.177	ng/ul	98

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

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