

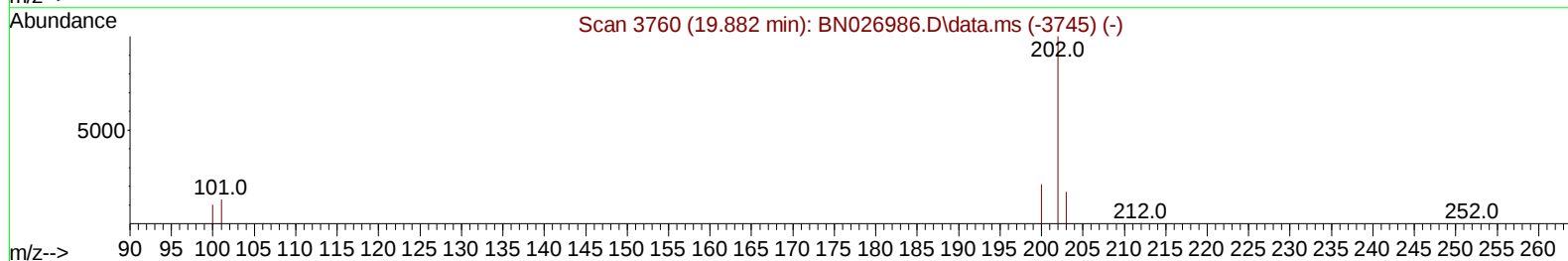
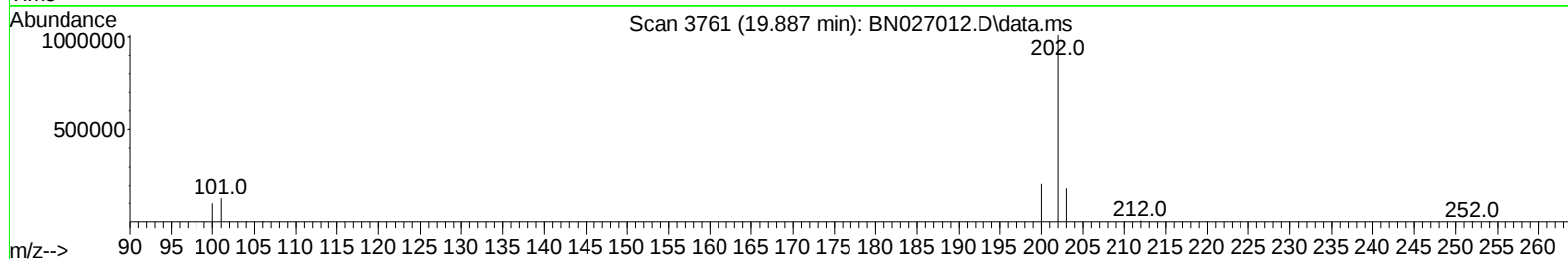
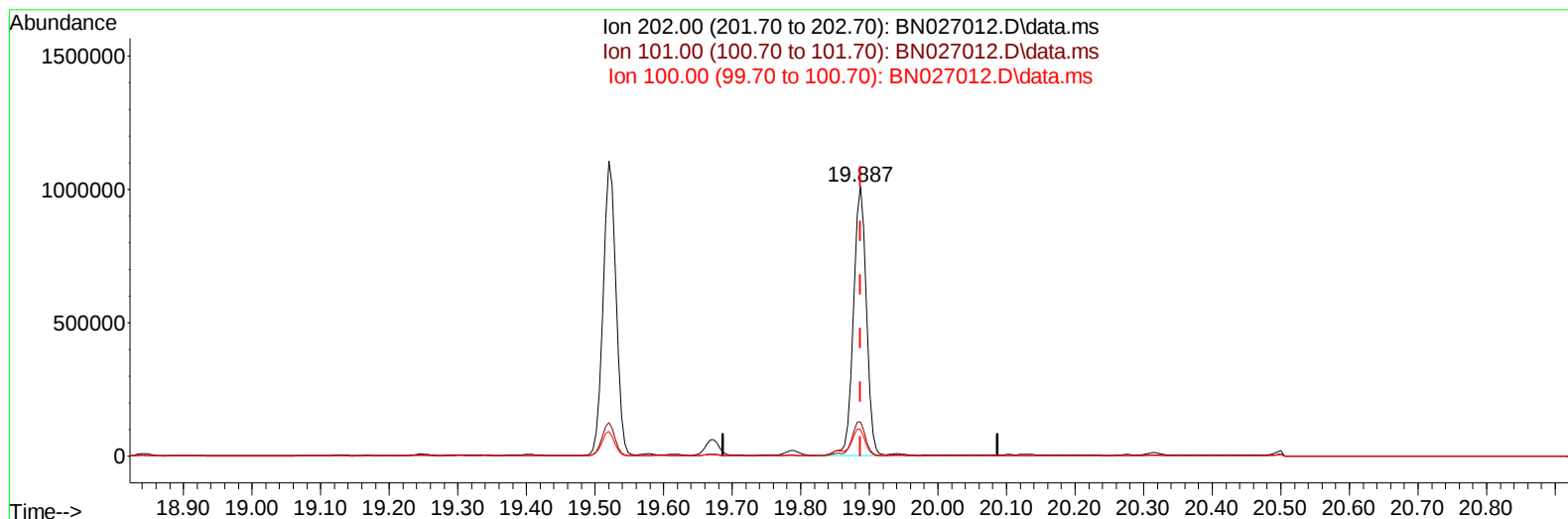
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027012.D
Acq On : 22 Aug 2023 03:40
Operator : MA/JU
Sample : 03967-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48N6

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:17:13 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 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



TIC: BN027012.D\data.ms

(20) Pyrene

19.887min (-0.000) 9.45 ng/u1

response 1328957

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.69
100.00	10.60	9.78
0.00	0.00	0.00

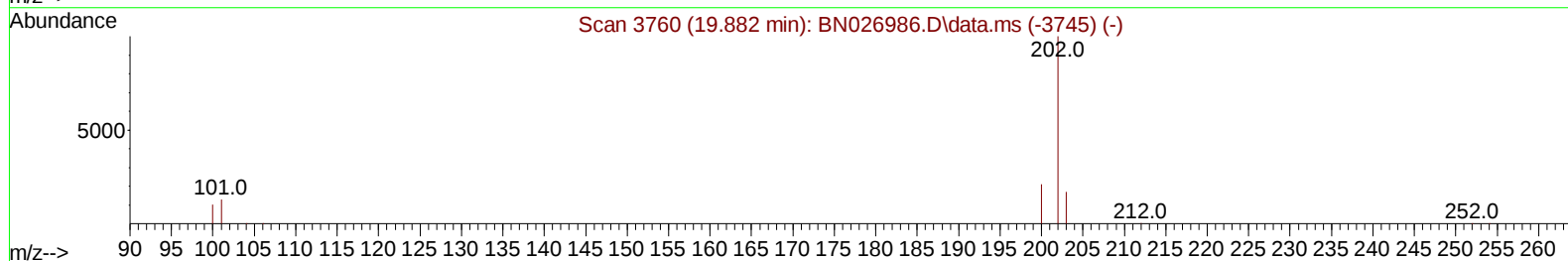
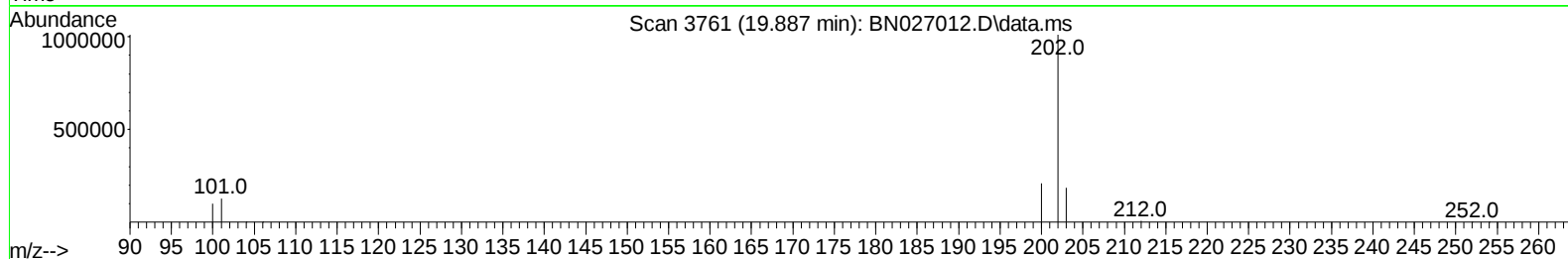
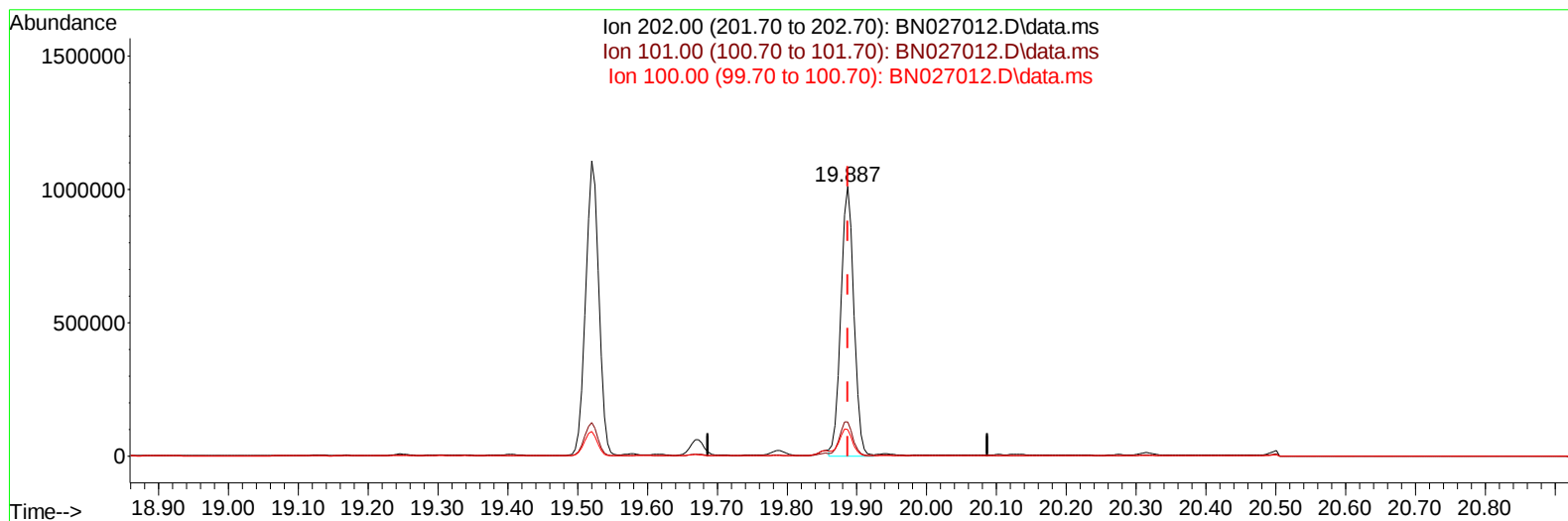
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027012.D
Acq On : 22 Aug 2023 03:40
Operator : MA/JU
Sample : 03967-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48N6

Manual IntegrationsAPPROVED

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TIC: BN027012.D\data.ms

(20) Pyrene

19.887min (-0.000) 9.37 ng/u1 m

response 1317006

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.69
100.00	10.60	9.78
0.00	0.00	0.00

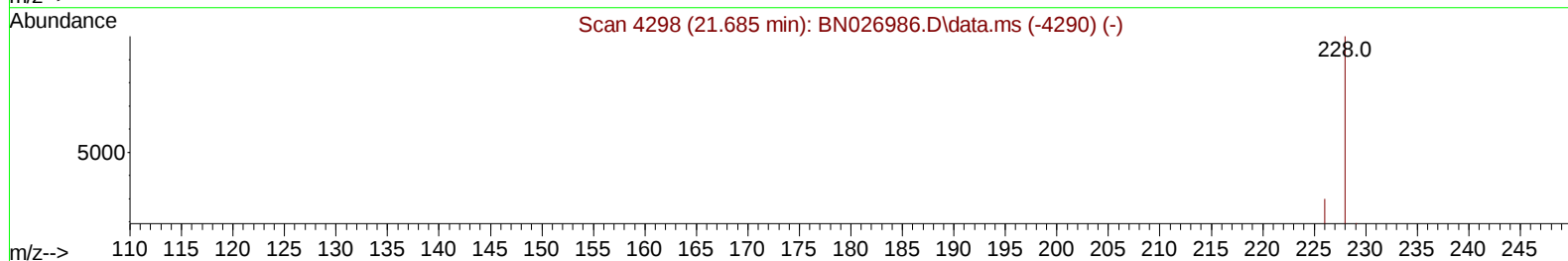
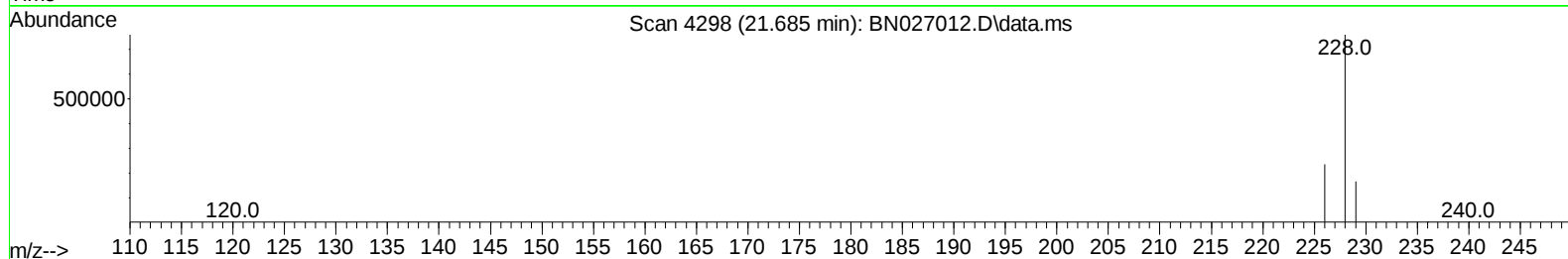
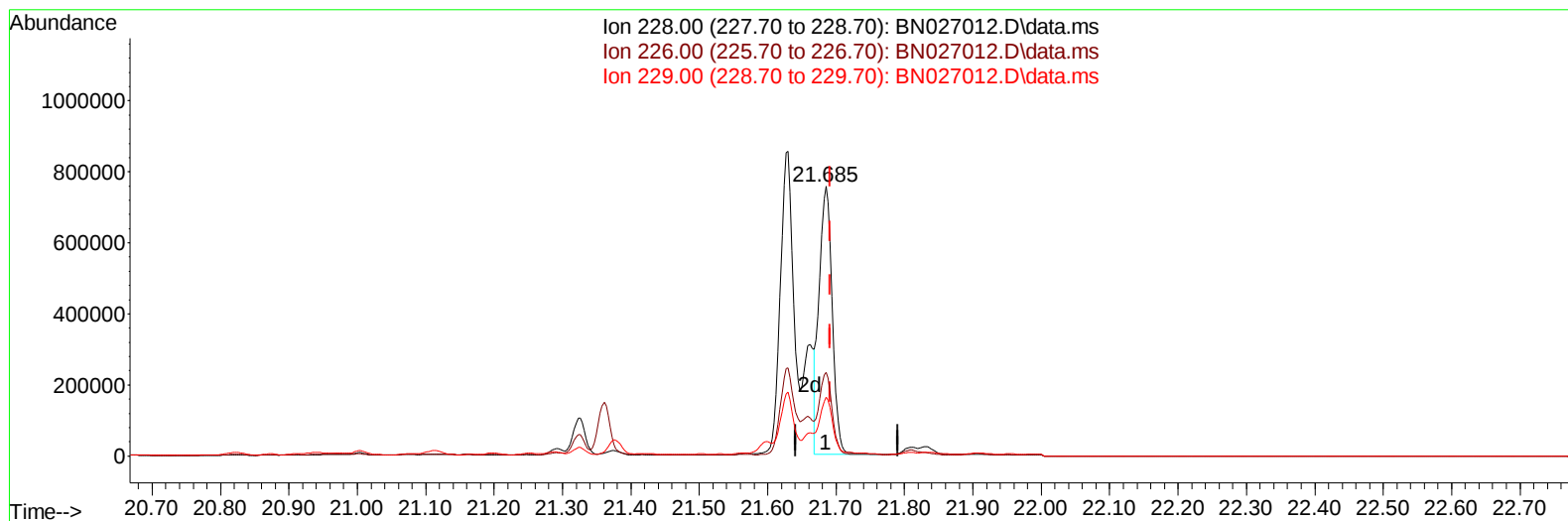
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TIC: BN027012.D\data.ms

(22) Chrysene

21.685min (-0.006) 8.10 ng/u1

response 1009121

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	31.13
229.00	19.70	21.75
0.00	0.00	0.00

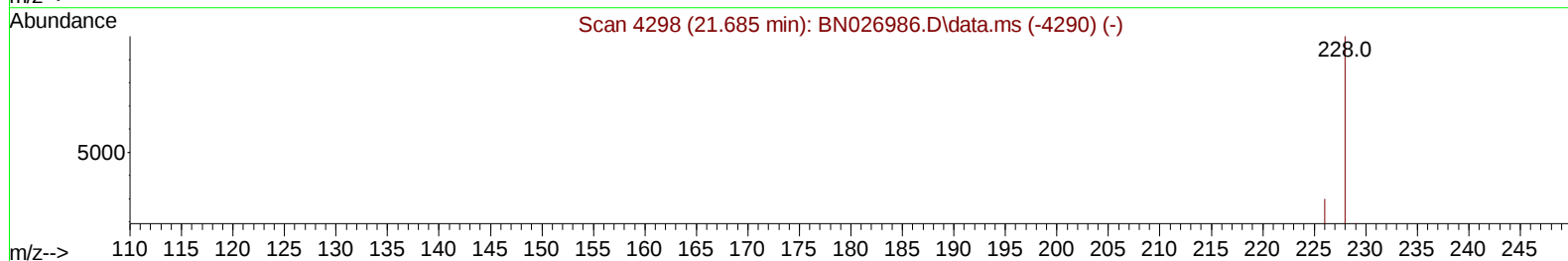
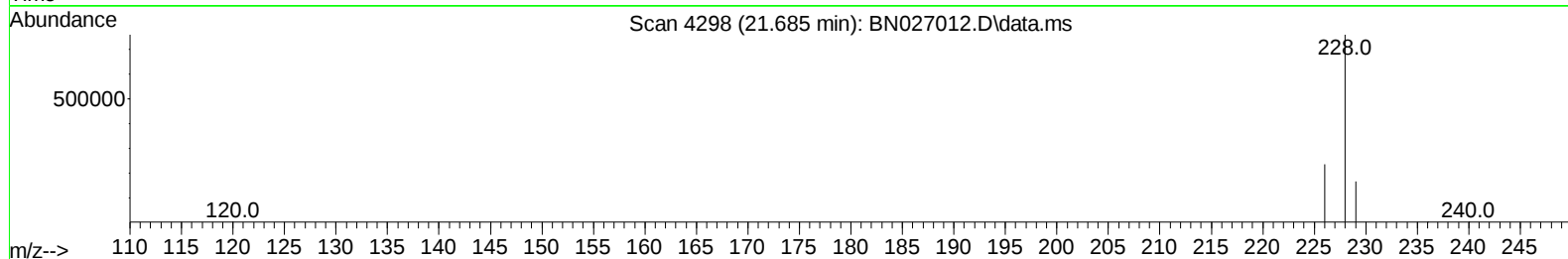
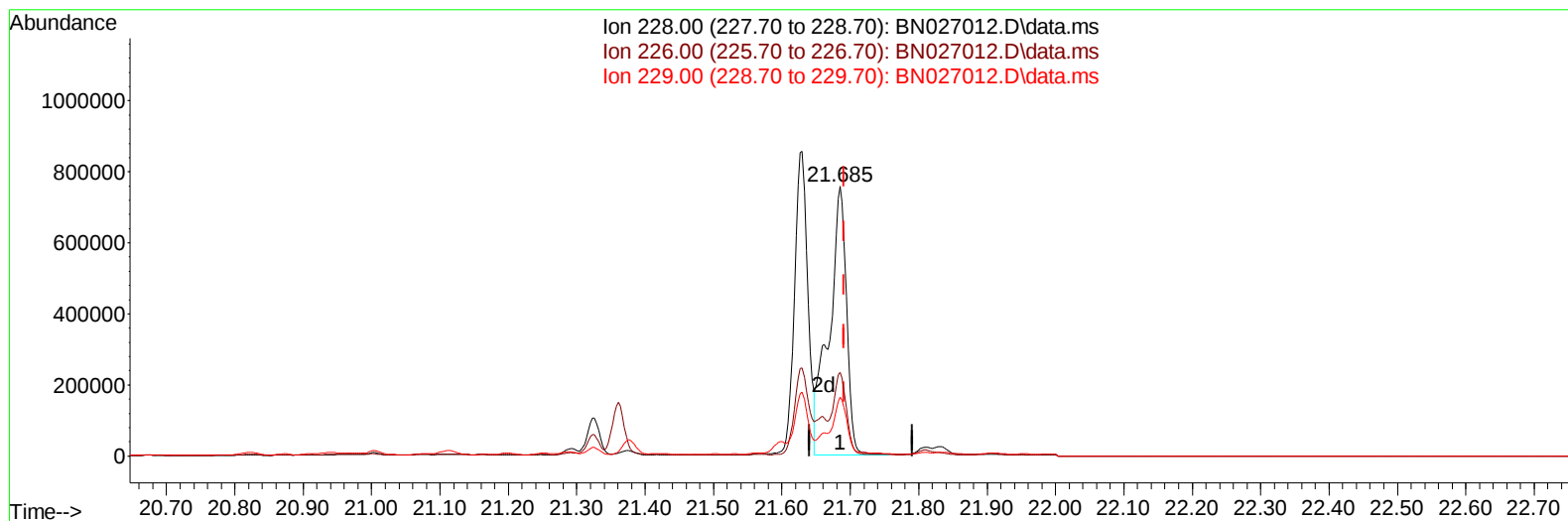
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027012.D
Acq On : 22 Aug 2023 03:40
Operator : MA/JU
Sample : 03967-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48N6

Manual IntegrationsAPPROVED

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TIC: BN027012.D\data.ms

(22) Chrysene

21.685min (-0.006) 10.85 ng/ul m

response 1351419

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	31.13
229.00	19.70	21.75
0.00	0.00	0.00

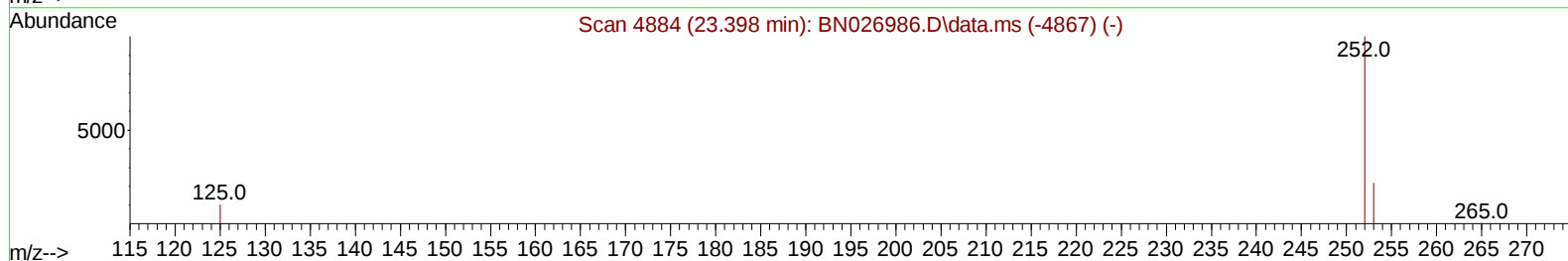
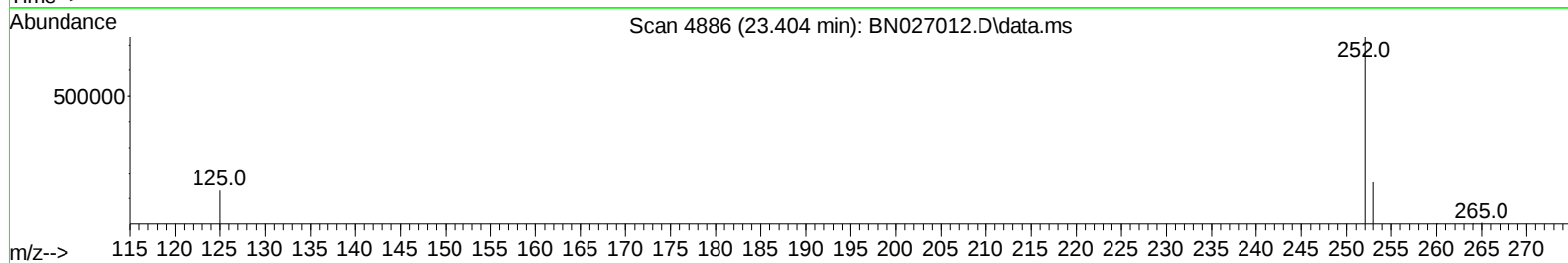
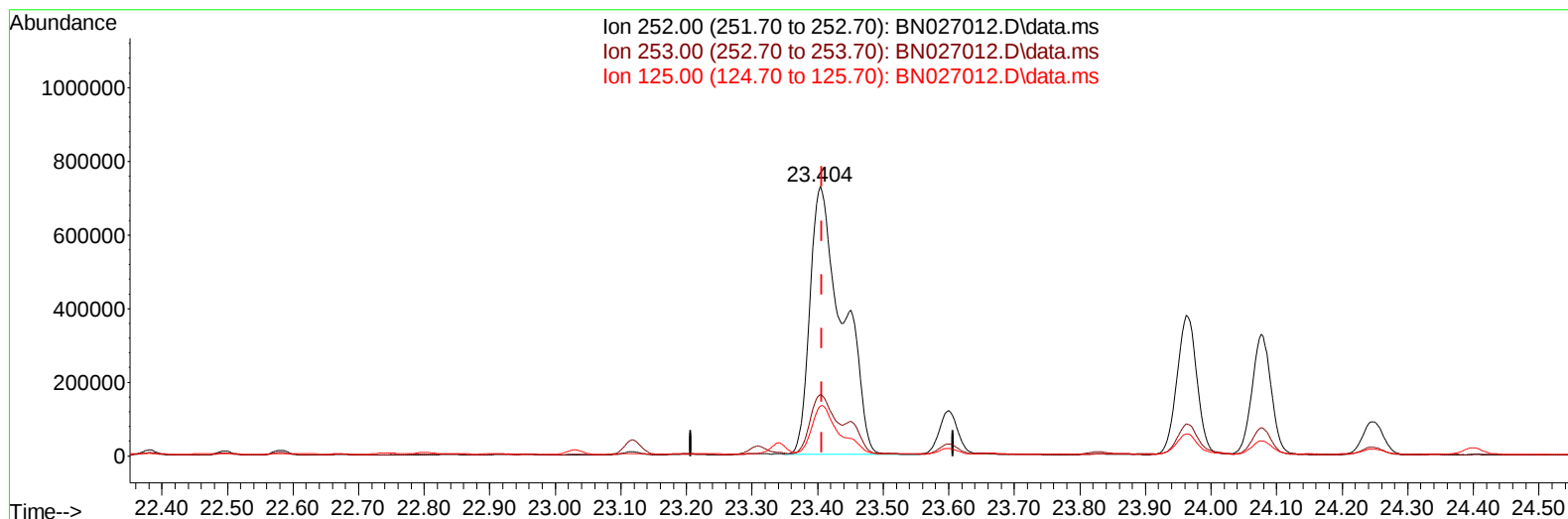
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 Operator : MA/JU
 Sample : 03967-24
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6

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TIC: BN027012.D\data.ms

(24) Benzo(b)fluoranthene

23.404min (-0.003) 22.24 ng/u1

response 2521467

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	22.76
125.00	12.60	18.55
0.00	0.00	0.00

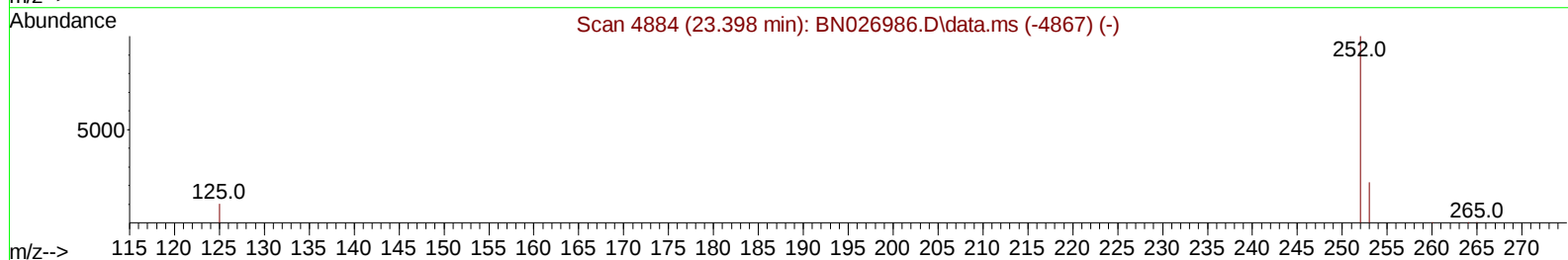
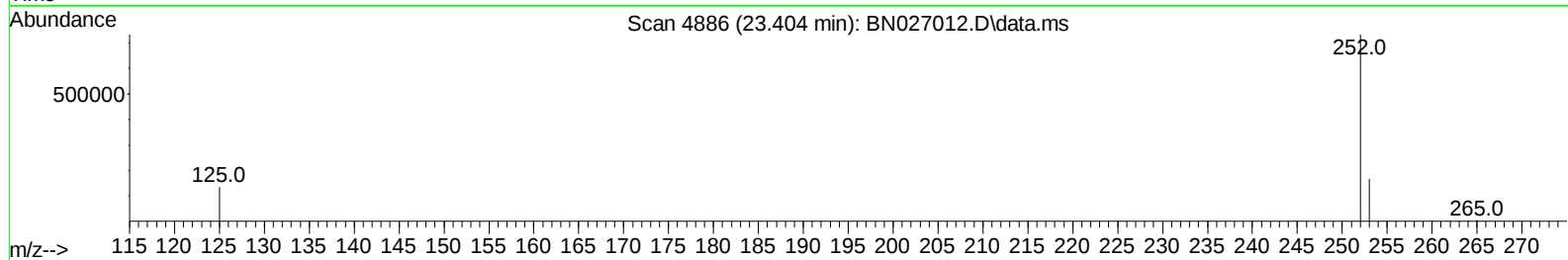
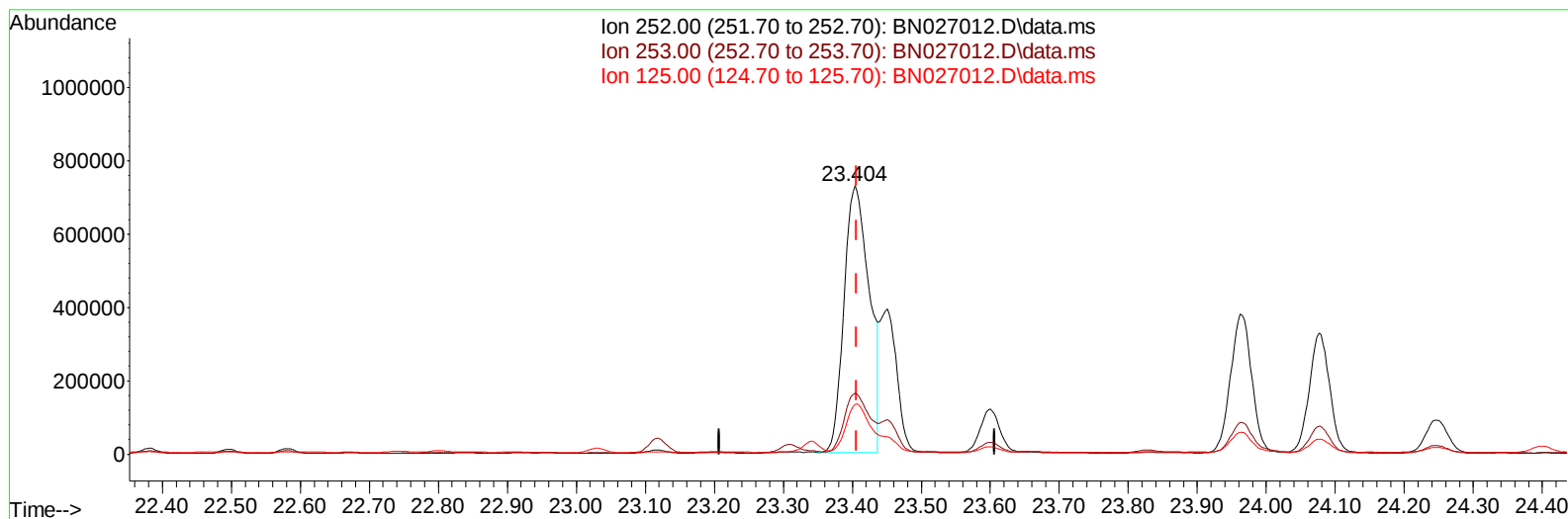
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027012.D
 Acq On : 22 Aug 2023 03:40
 Operator : MA/JU
 Sample : 03967-24
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:17:13 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
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Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



TIC: BN027012.D\data.ms

(24) Benzo(b)fluoranthene

23.404min (-0.003) 16.27 ng/ul m

response 1844341

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	22.76
125.00	12.60	18.55
0.00	0.00	0.00

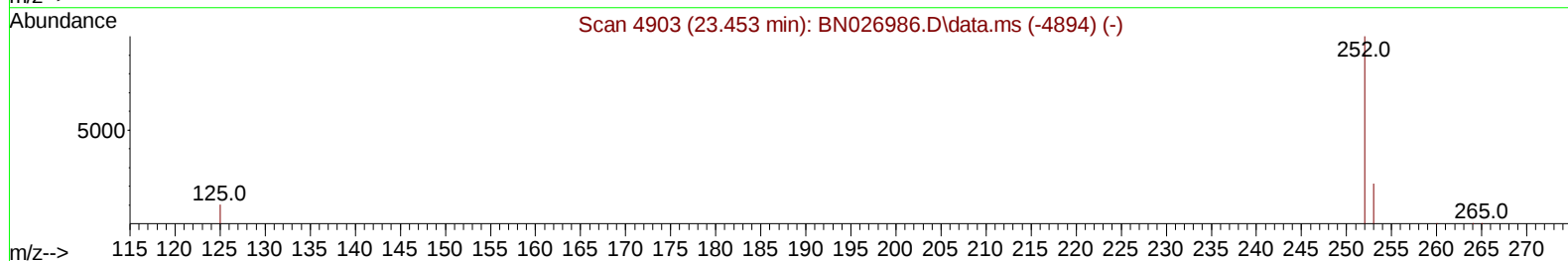
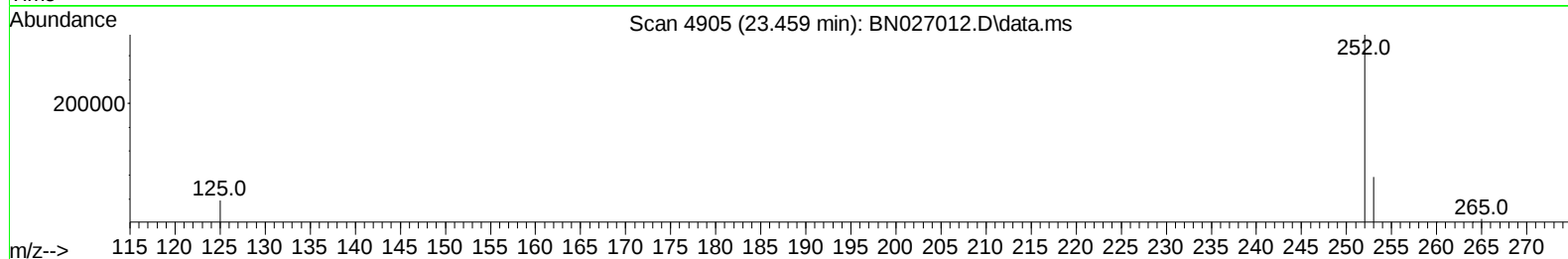
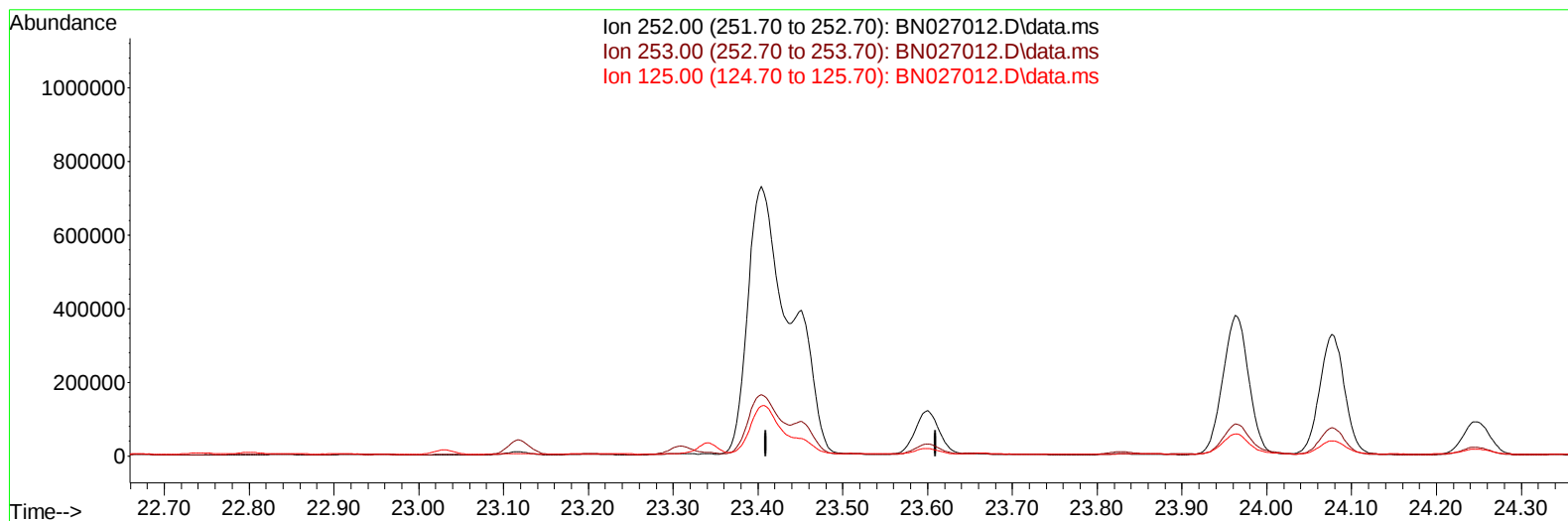
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Operator : MA/JU
Sample : 03967-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48N6

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TIC: BN027012.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

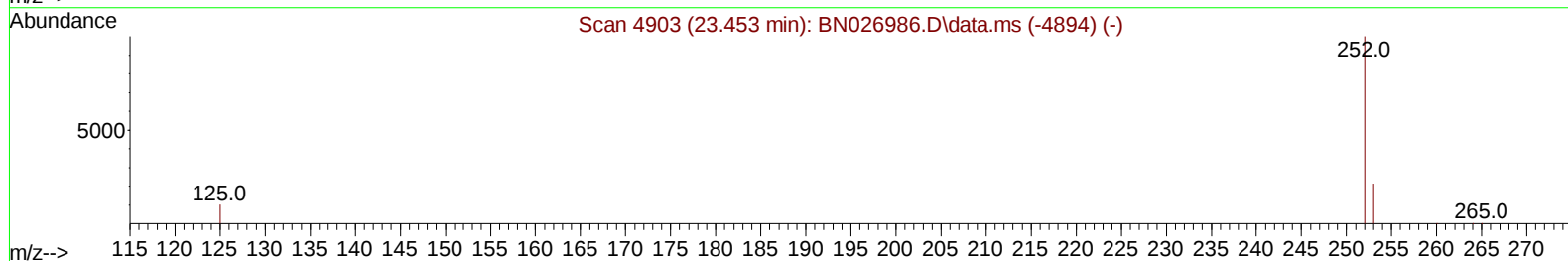
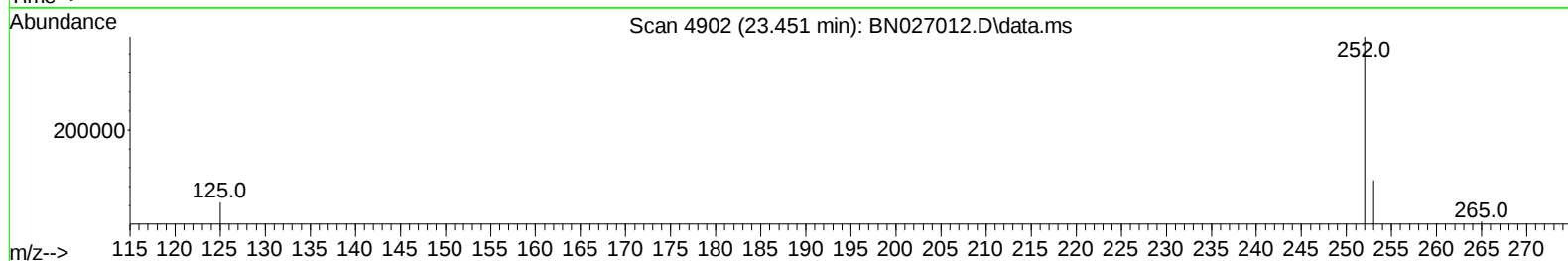
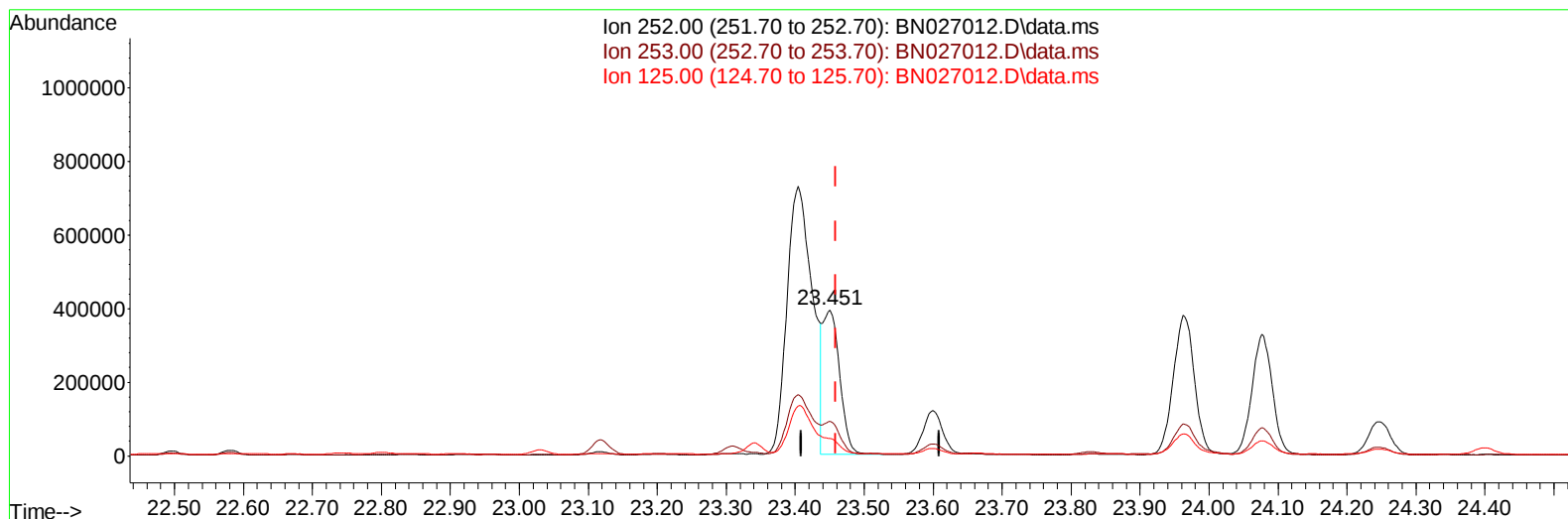
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027012.D
 Acq On : 22 Aug 2023 03:40
 Operator : MA/JU
 Sample : 03967-24
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:17:13 2023
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 Supervised By :mohammad ahmed 08/22/2023



TIC: BN027012.D\data.ms

(25) Benzo(k)fluoranthene

23.451min (-0.009) 6.10 ng/u1 m

response 682243

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	23.69
125.00	12.40	12.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
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 Acq On : 22 Aug 2023 03:40
 Operator : MA/JU
 Sample : 03967-24
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	10176	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	32150	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	18662	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	40777	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	31717	0.400	ng/ul	# 0.00
23) Perylene-d12	24.190	264	29975	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	33768	2.795	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	6987	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	16017	0.160	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.977	128	13323	0.147	ng/ul	96
7) 2-Methylnaphthalene	12.572	142	5351	0.097	ng/ul	99
8) 1-Methylnaphthalene	12.792	142	3233	0.056	ng/ul	100
10) Acenaphthylene	14.458	152	264323	2.528	ng/ul	99
11) Acenaphthene	14.791	153	5316	0.073	ng/ul	94
12) Fluorene	15.776	166	12073	0.147	ng/ul	98
15) Phenanthrene	17.515	178	166955	1.246	ng/ul	100
16) Anthracene	17.608	178	228424	1.887	ng/ul	100
19) Fluoranthene	19.520	202	1439500	10.926	ng/ul	98
20) Pyrene	19.887	202	1317006m	9.369	ng/ul	
21) Benzo(a)anthracene	21.630	228	1144672	9.074	ng/ul	98
22) Chrysene	21.685	228	1351419m	10.854	ng/ul	
24) Benzo(b)fluoranthene	23.404	252	1844341m	16.267	ng/ul	
25) Benzo(k)fluoranthene	23.451	252	682243m	6.101	ng/ul	
26) Benzo(a)pyrene	24.076	252	672085	6.569	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.878	276	609263	4.552	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.901	278	173210	1.624	ng/ul	95
29) Benzo(g,h,i)perylene	27.720	276	491302	4.409	ng/ul	99

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

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