

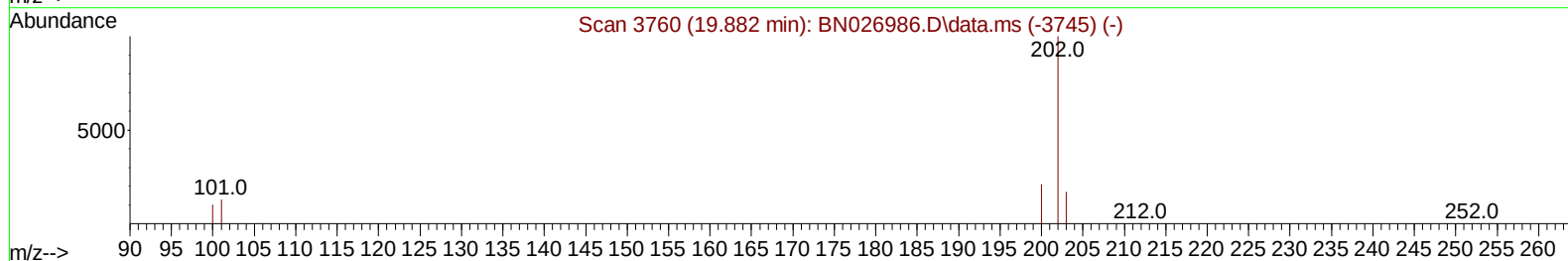
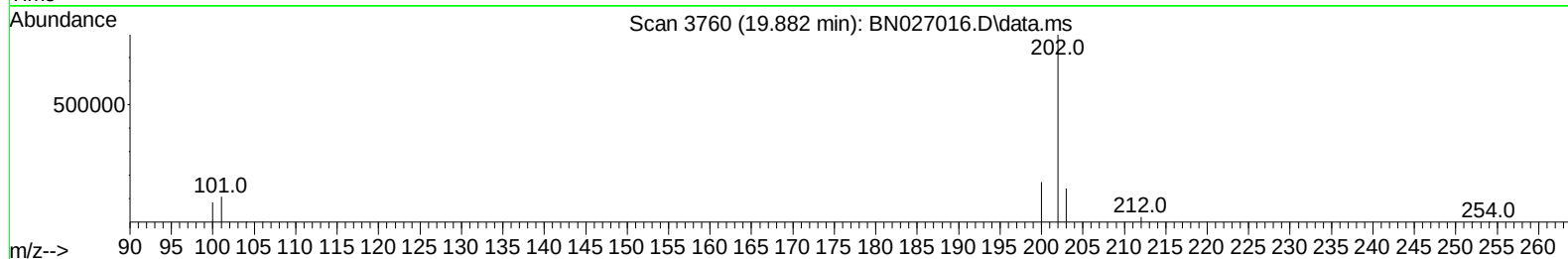
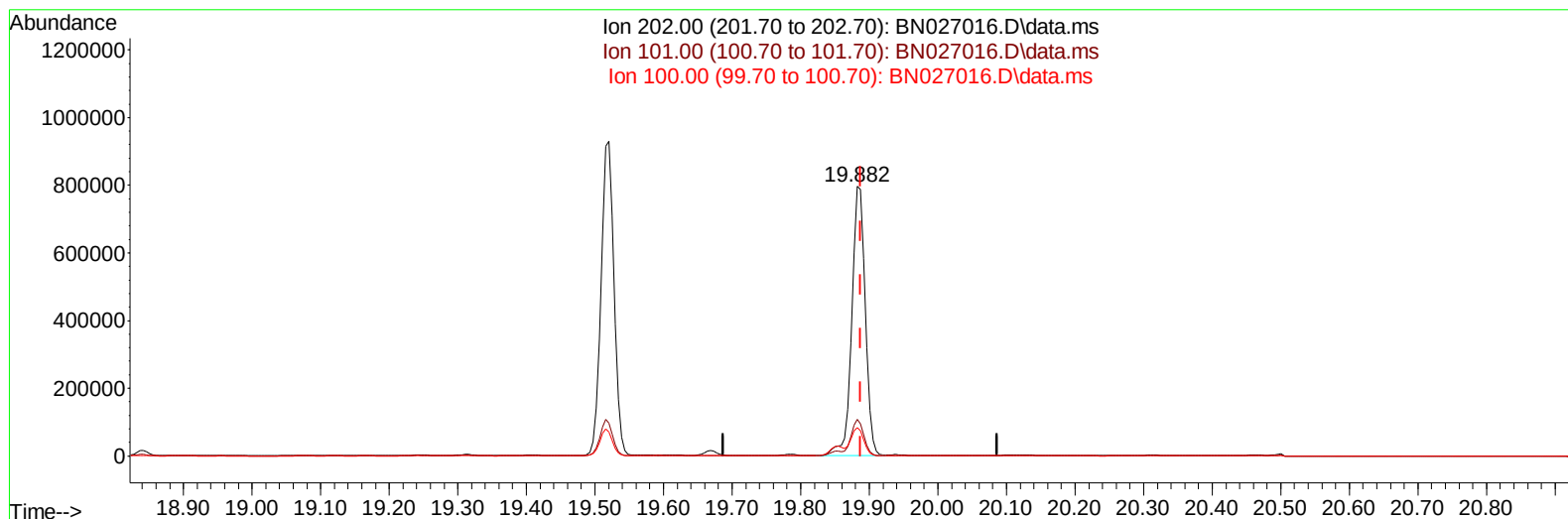
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027016.D
Acq On : 22 Aug 2023 06:42
Operator : MA/JU
Sample : 03968-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48H4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 07:10:20 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: BN027016.D\data.ms

(20) Pyrene

19.882min (-0.005) 9.30 ng/u1

response 1096260

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.50
100.00	10.60	10.60
0.00	0.00	0.00

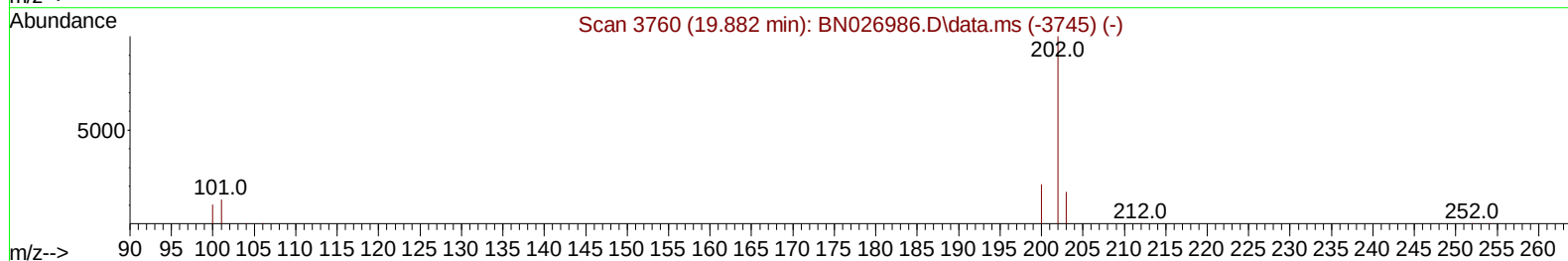
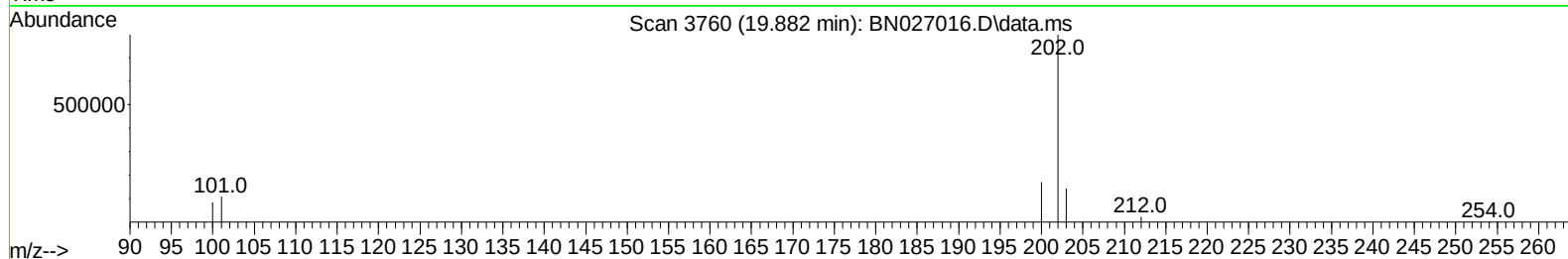
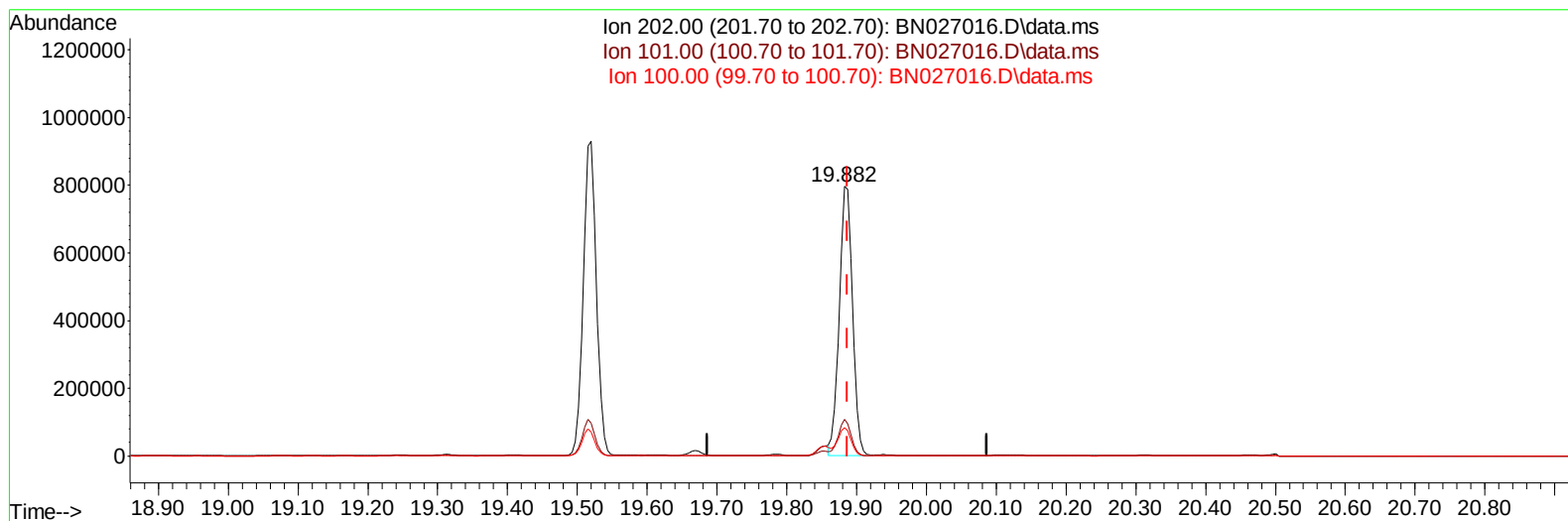
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027016.D
 Acq On : 22 Aug 2023 06:42
 Operator : MA/JU
 Sample : 03968-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN027016.D\data.ms

(20) Pyrene

19.882min (-0.005) 9.00 ng/ul m

response 1061102

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.50
100.00	10.60	10.60
0.00	0.00	0.00

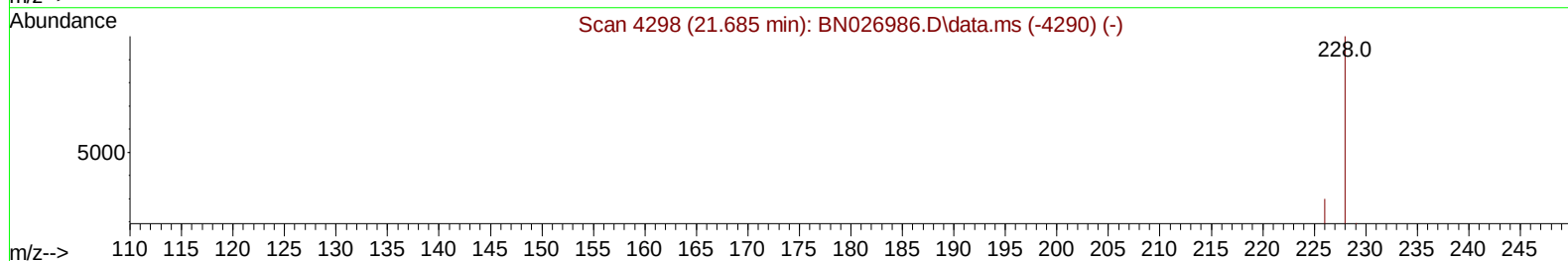
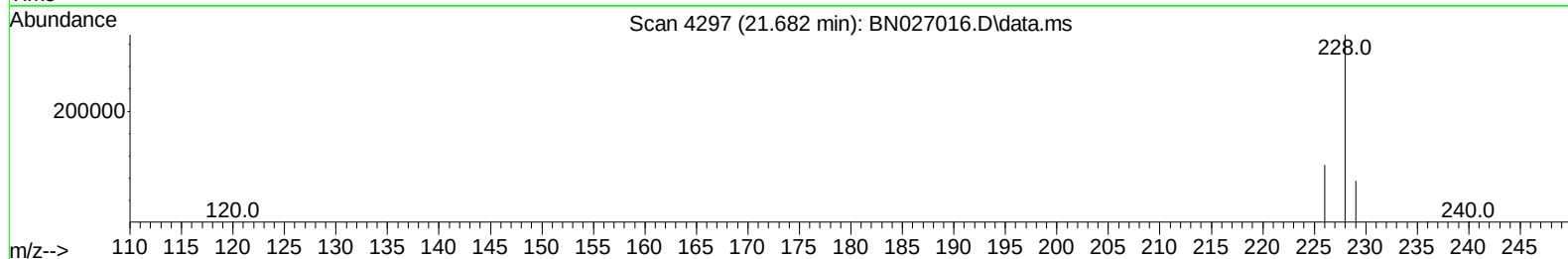
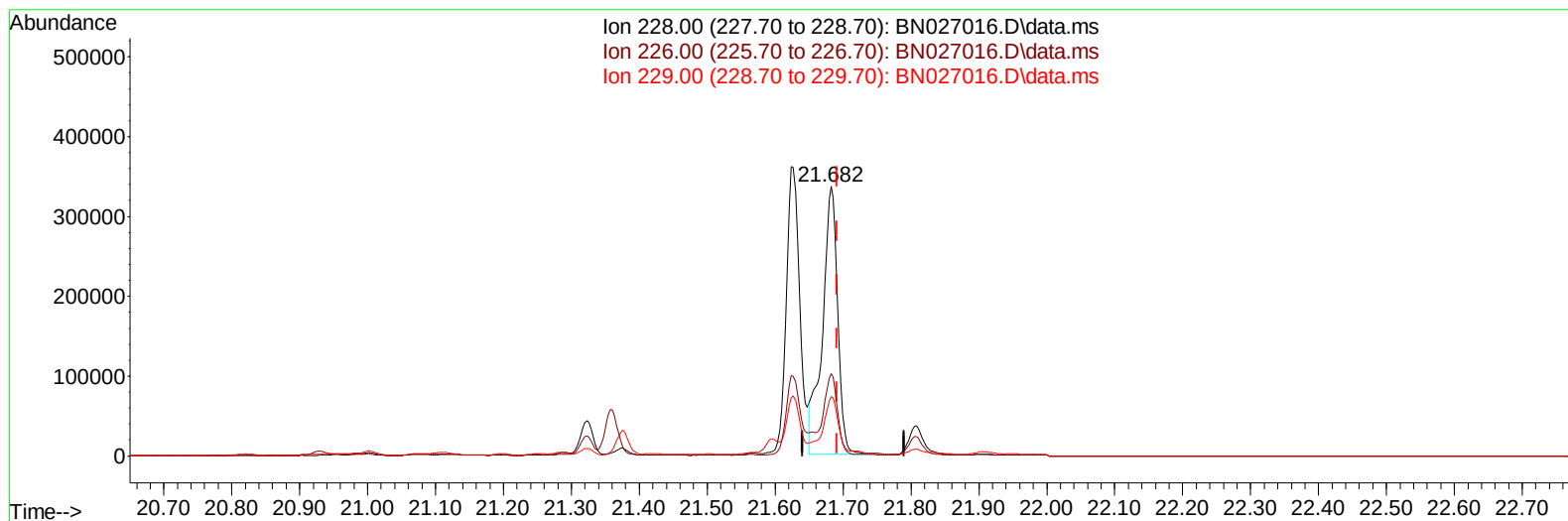
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027016.D
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TIC: BN027016.D\data.ms

(22) Chrysene

21.682min (-0.009) 5.05 ng/u1

response 527520

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	30.55
229.00	19.70	22.05
0.00	0.00	0.00

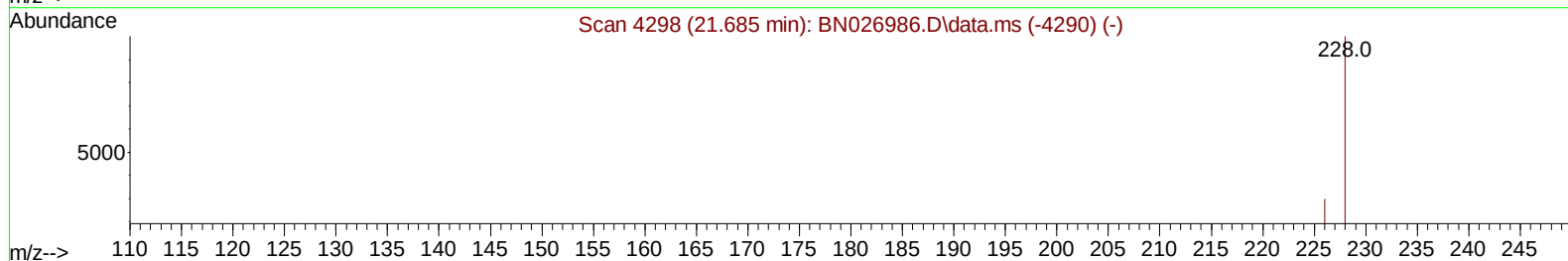
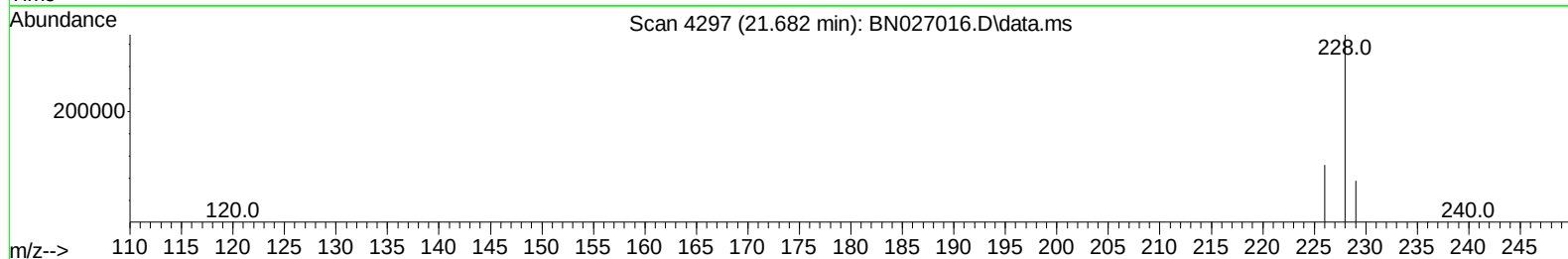
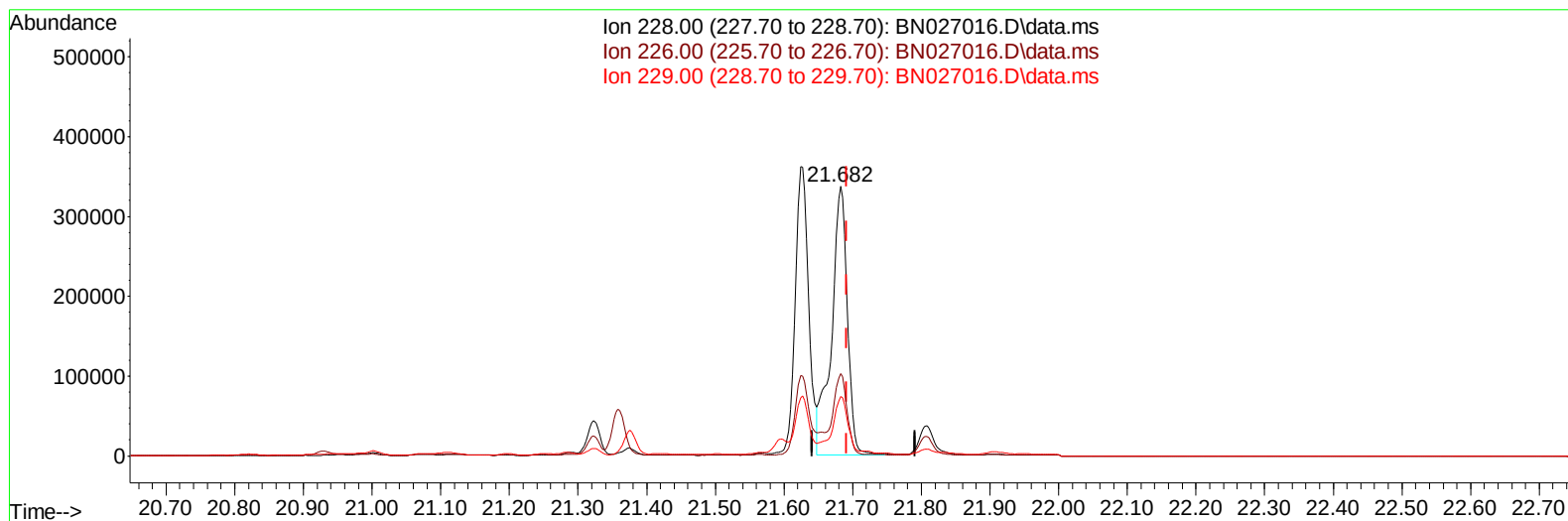
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
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Acq On : 22 Aug 2023 06:42
Operator : MA/JU
Sample : 03968-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48H4

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TIC: BN027016.D\data.ms

(22) Chrysene

21.682min (-0.009) 5.17 ng/ul m

response 539527

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	30.55
229.00	19.70	22.05
0.00	0.00	0.00

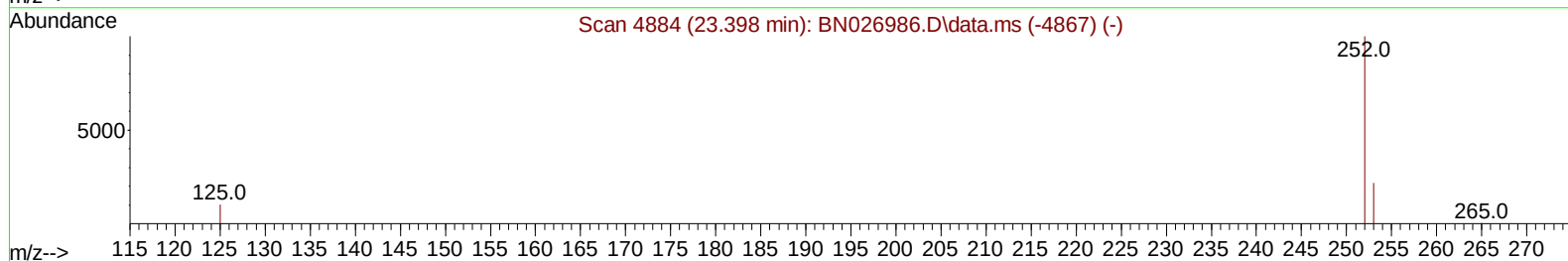
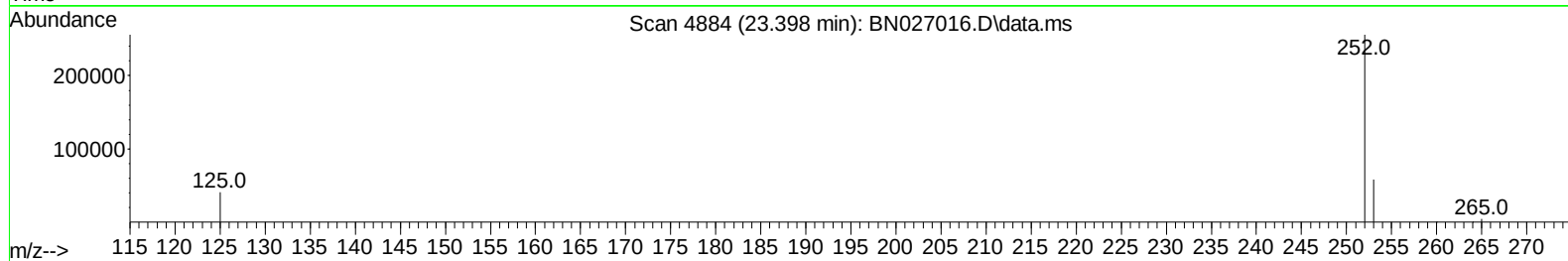
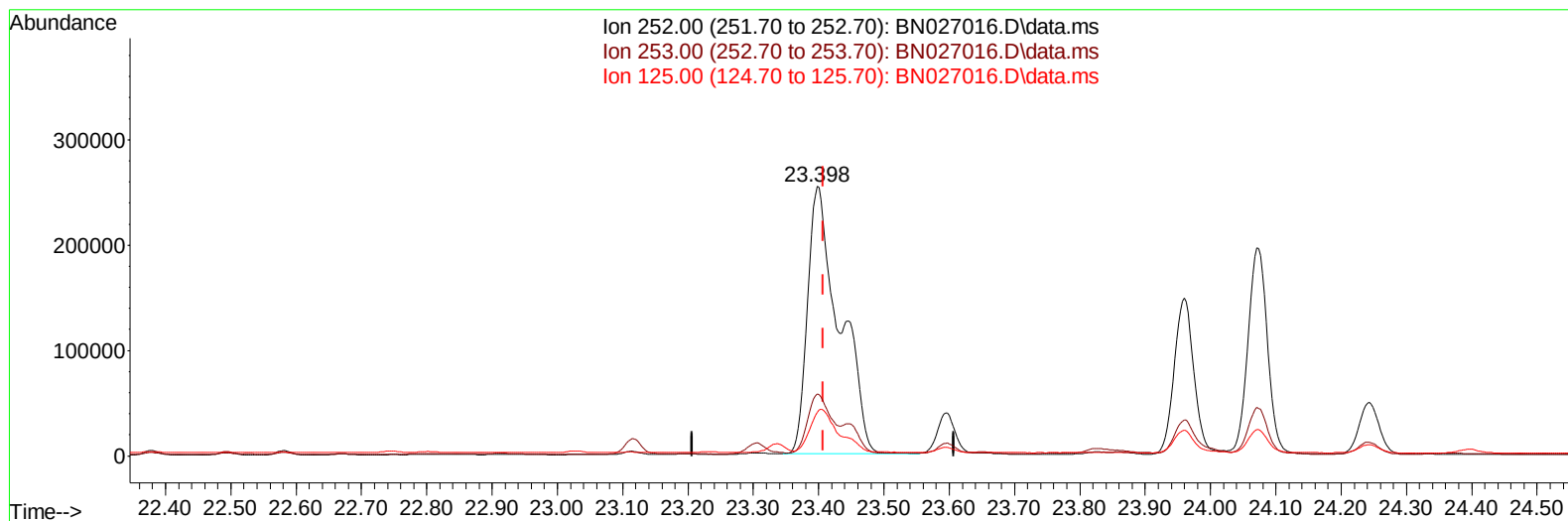
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027016.D
 Acq On : 22 Aug 2023 06:42
 Operator : MA/JU
 Sample : 03968-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H4

Manual IntegrationsAPPROVED

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TIC: BN027016.D\data.ms

(24) Benzo(b)fluoranthene

23.398min (-0.009) 9.75 ng/u1

response 856810

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	23.00
125.00	12.60	16.21
0.00	0.00	0.00

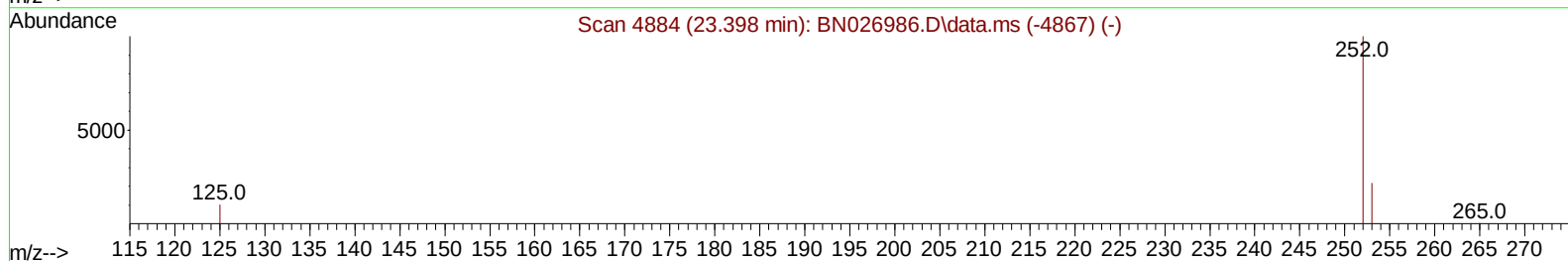
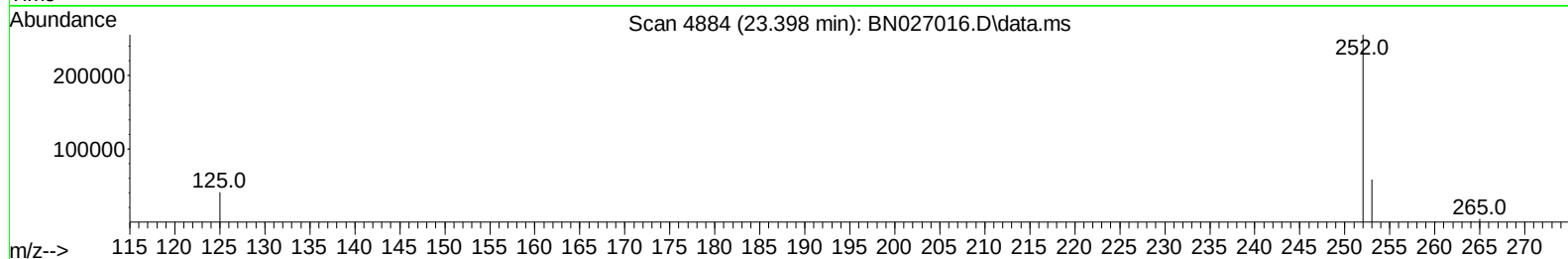
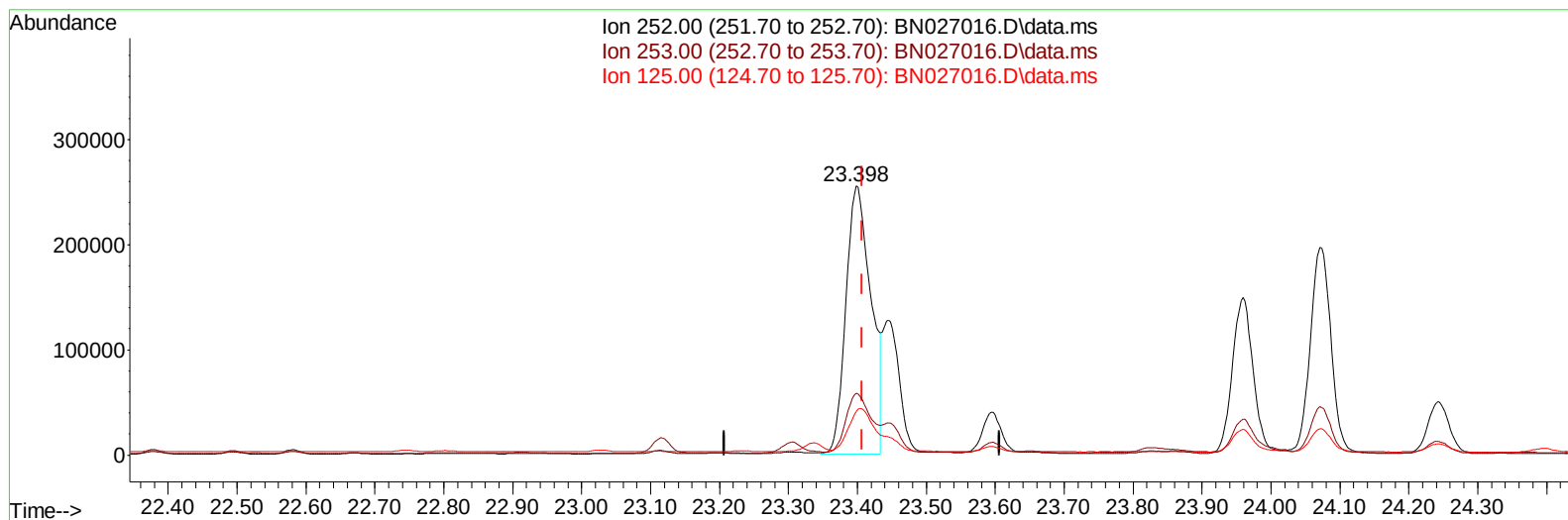
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027016.D
Acq On : 22 Aug 2023 06:42
Operator : MA/JU
Sample : 03968-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48H4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 07:10:20 2023
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QLast Update : Fri Aug 18 13:11:26 2023
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Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



TIC: BN027016.D\data.ms

(24) Benzo(b)fluoranthene

23.398min (-0.009) 7.35 ng/ul m

response 646472

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	23.00
125.00	12.60	16.21
0.00	0.00	0.00

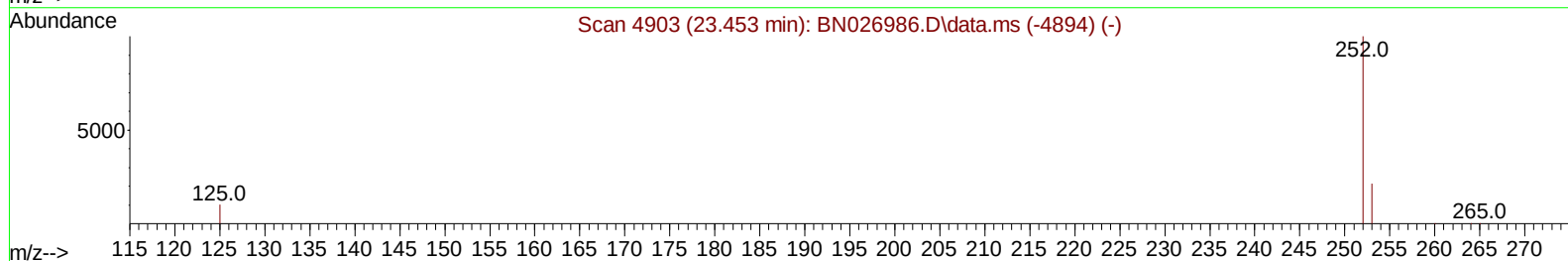
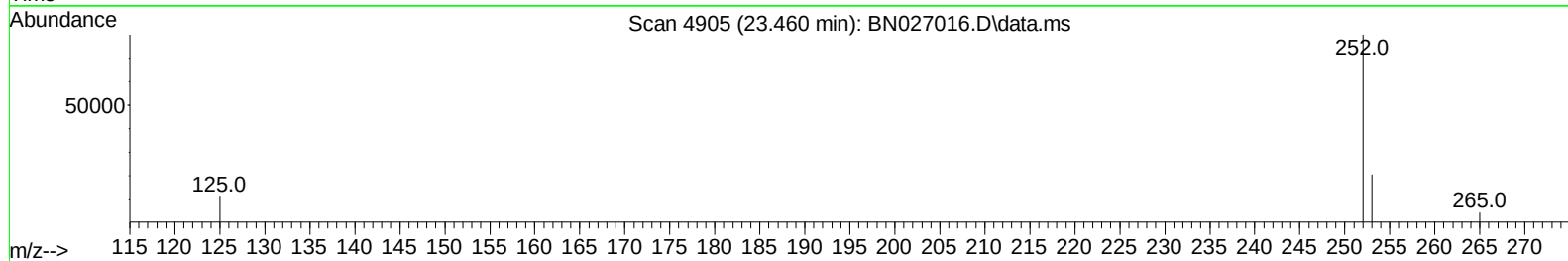
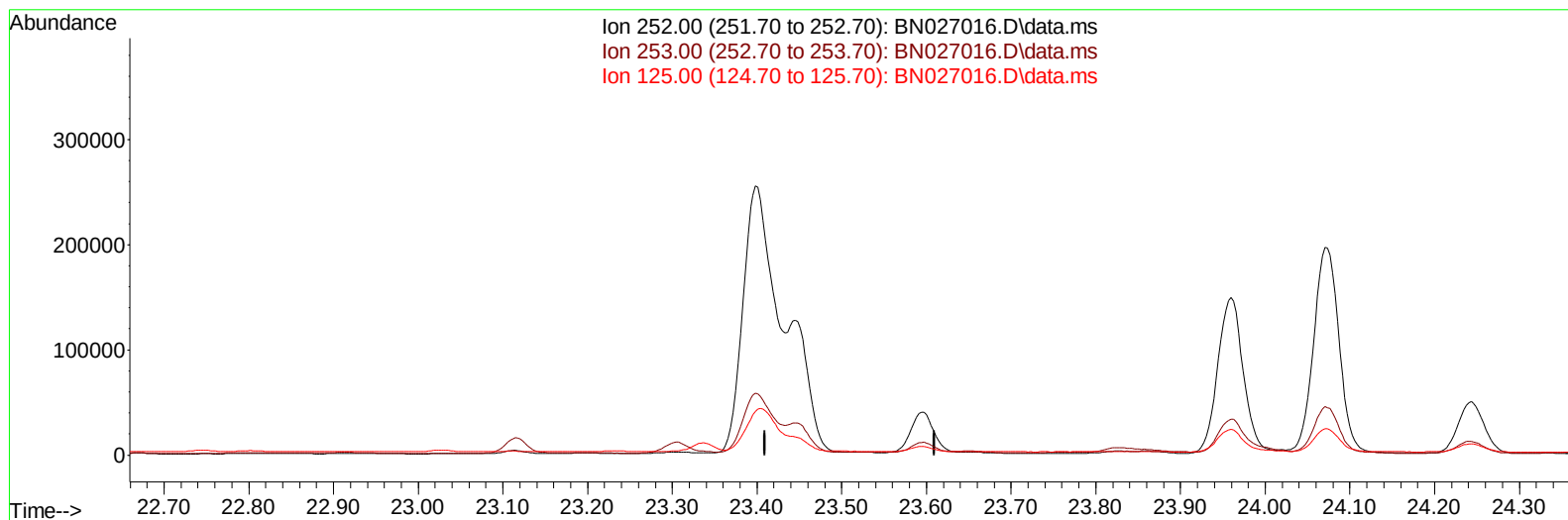
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
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 Acq On : 22 Aug 2023 06:42
 Operator : MA/JU
 Sample : 03968-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H4

Manual IntegrationsAPPROVED

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TIC: BN027016.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

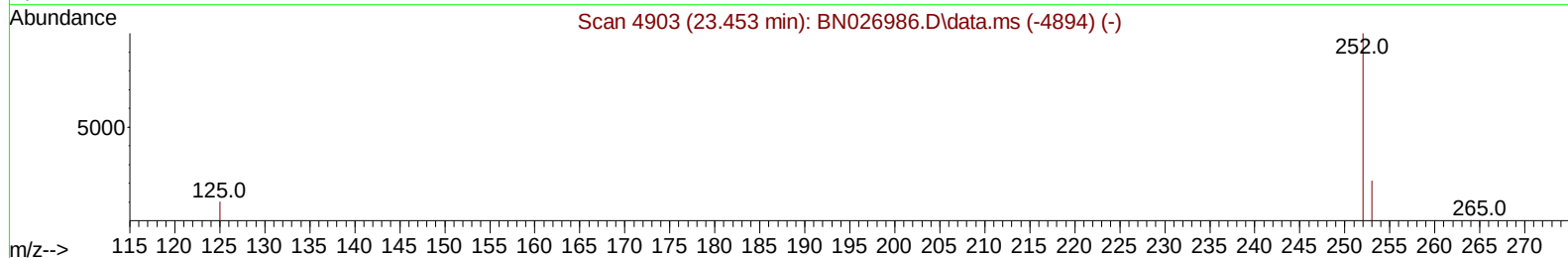
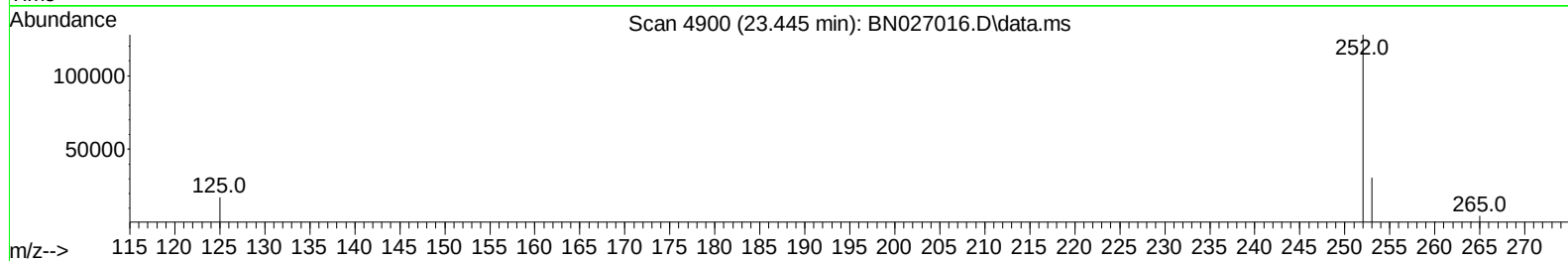
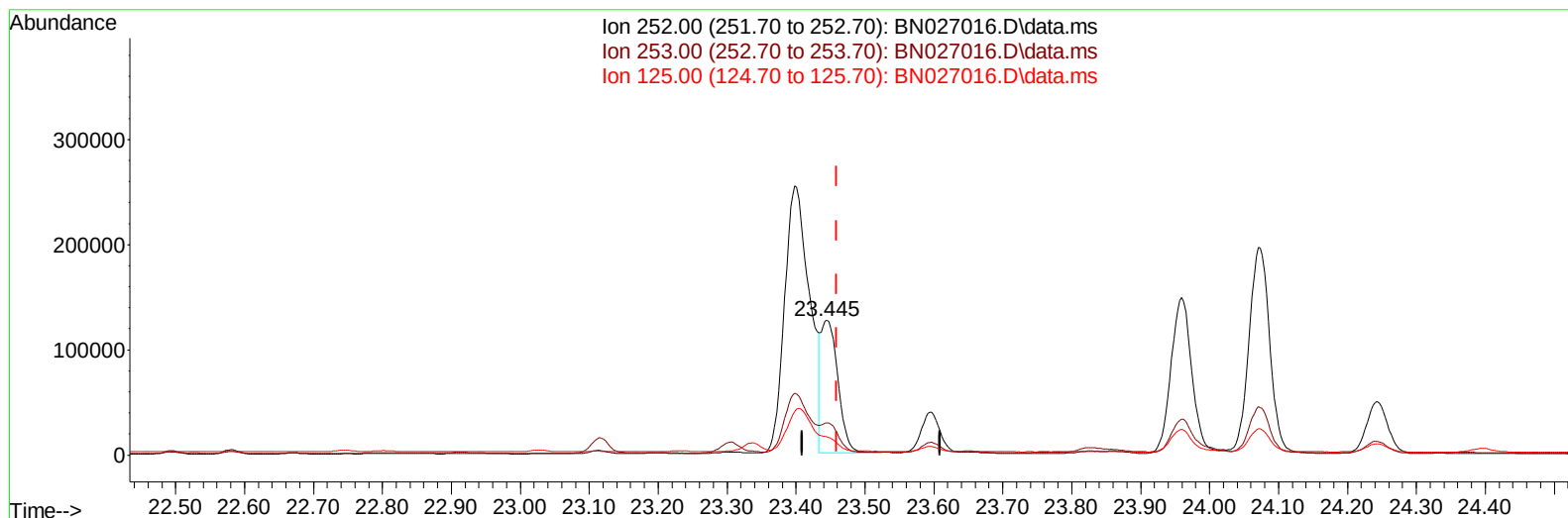
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027016.D
Acq On : 22 Aug 2023 06:42
Operator : MA/JU
Sample : 03968-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48H4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 07:10:20 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
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QLast Update : Fri Aug 18 13:11:26 2023
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TIC: BN027016.D\data.ms

(25) Benzo(k)fluoranthene

23.445min (-0.015) 2.46 ng/u1 m

response 213414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	23.89
125.00	12.40	13.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027016.D
 Acq On : 22 Aug 2023 06:42
 Operator : MA/JU
 Sample : 03968-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H4

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	8.097	152	7768	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	25411	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	14804	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.473	188	32665	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	26588	0.400	ng/ul	# 0.00
23) Perylene-d12	24.188	264	23242	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	44603	4.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	9859	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	24253	0.289	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.977	128	25334	0.353	ng/ul	100
7) 2-Methylnaphthalene	12.572	142	12243	0.281	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	10659	0.234	ng/ul	99
10) Acenaphthylene	14.453	152	36475	0.440	ng/ul	99
11) Acenaphthene	14.791	153	38779	0.676	ng/ul	99
12) Fluorene	15.772	166	56086	0.864	ng/ul	99
15) Phenanthrene	17.515	178	817710	7.620	ng/ul	100
16) Anthracene	17.608	178	175507	1.810	ng/ul	99
19) Fluoranthene	19.520	202	1221387	11.059	ng/ul	100
20) Pyrene	19.882	202	1061102m	9.004	ng/ul	
21) Benzo(a)anthracene	21.624	228	488570	4.620	ng/ul	100
22) Chrysene	21.682	228	539527m	5.169	ng/ul	
24) Benzo(b)fluoranthene	23.398	252	646472m	7.354	ng/ul	
25) Benzo(k)fluoranthene	23.445	252	213414m	2.461	ng/ul	
26) Benzo(a)pyrene	24.071	252	407708	5.140	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.871	276	254528	2.453	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.894	278	57935	0.700	ng/ul#	90
29) Benzo(g,h,i)perylene	27.709	276	247970	2.870	ng/ul	99

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

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