

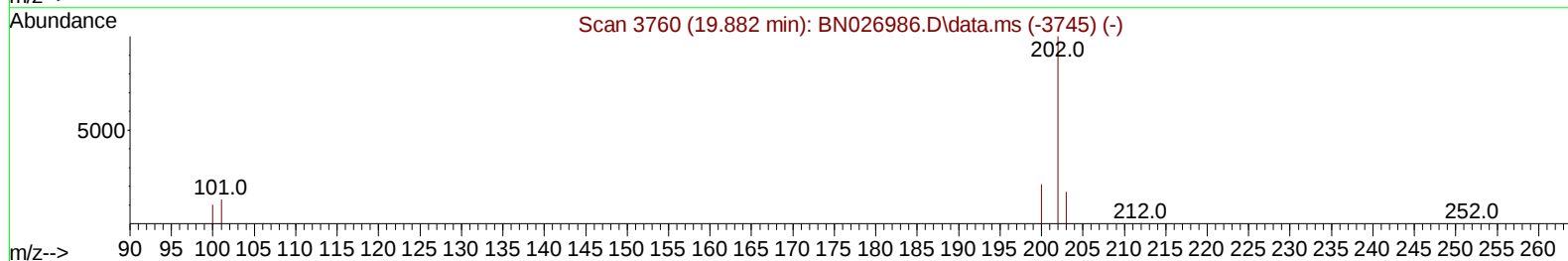
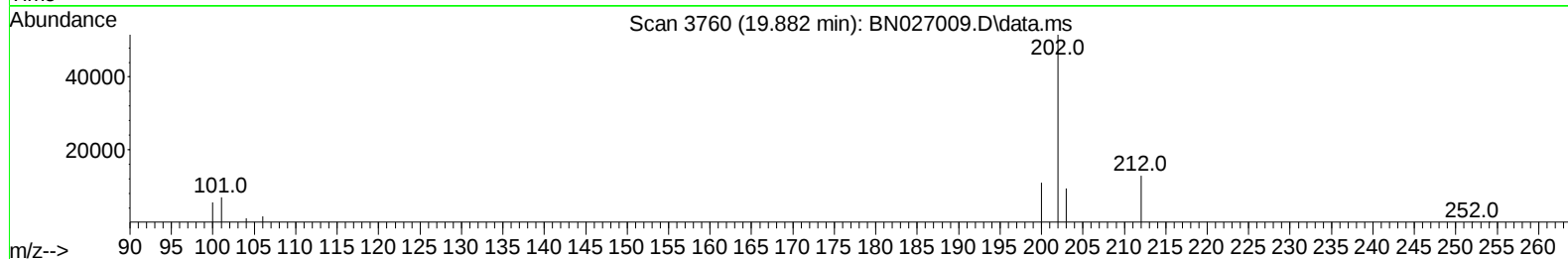
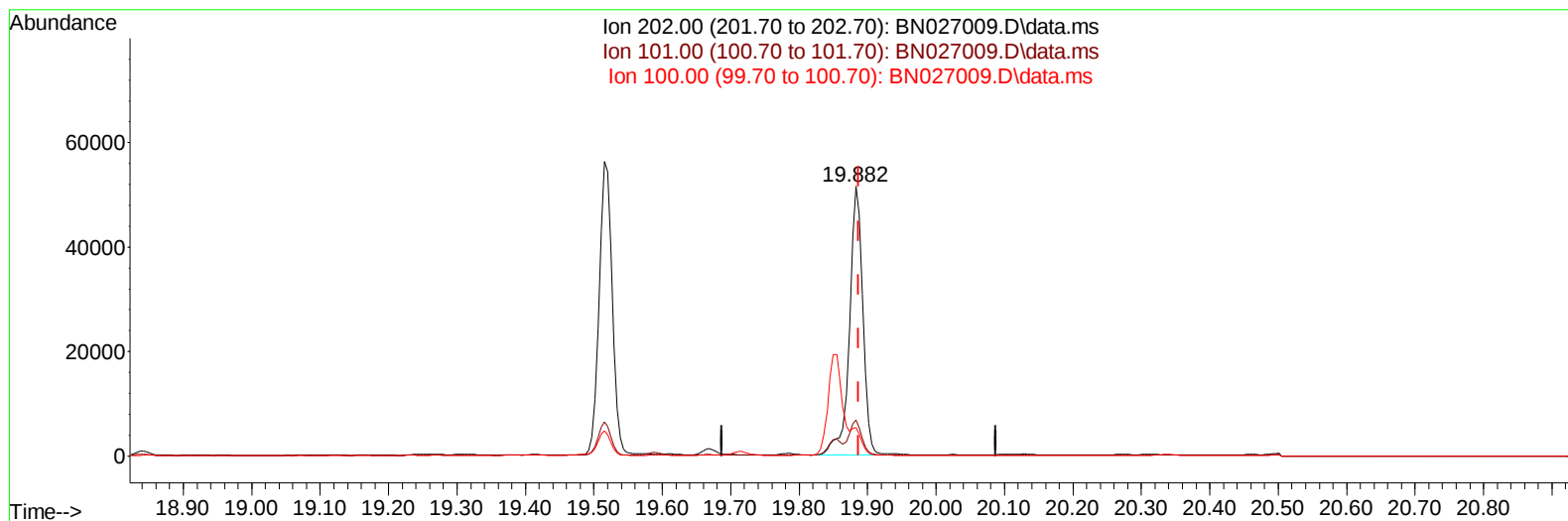
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027009.D
Acq On : 22 Aug 2023 01:50
Operator : MA/JU
Sample : 03967-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48M9

Manual IntegrationsAPPROVED

Quant Time: Aug 22 02:44:29 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: BN027009.D\data.ms

(20) Pyrene

19.882min (-0.005) 0.59 ng/u1

response 69659

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.24
100.00	10.60	10.58
0.00	0.00	0.00

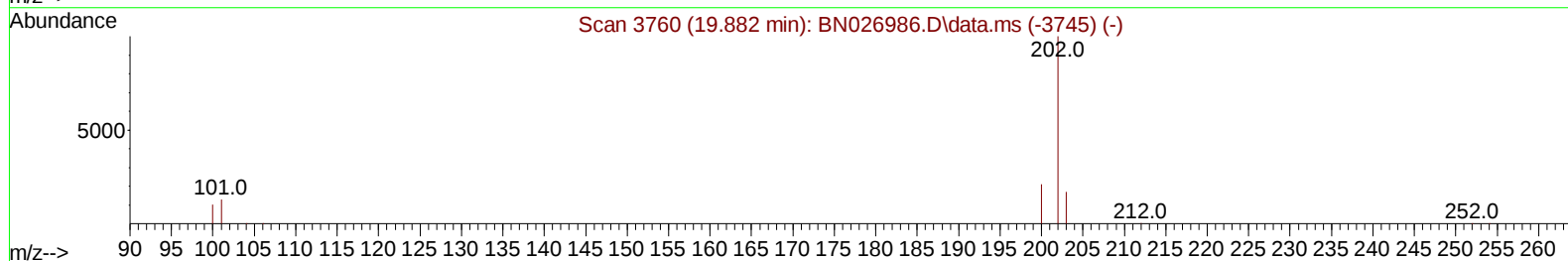
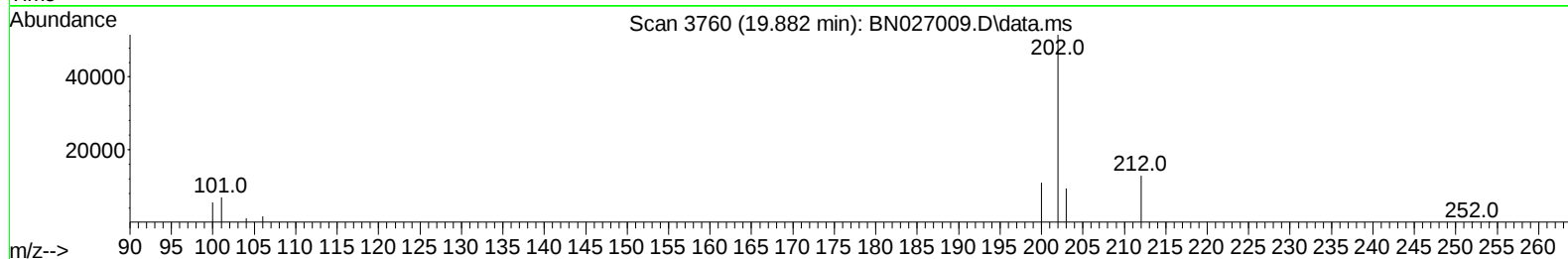
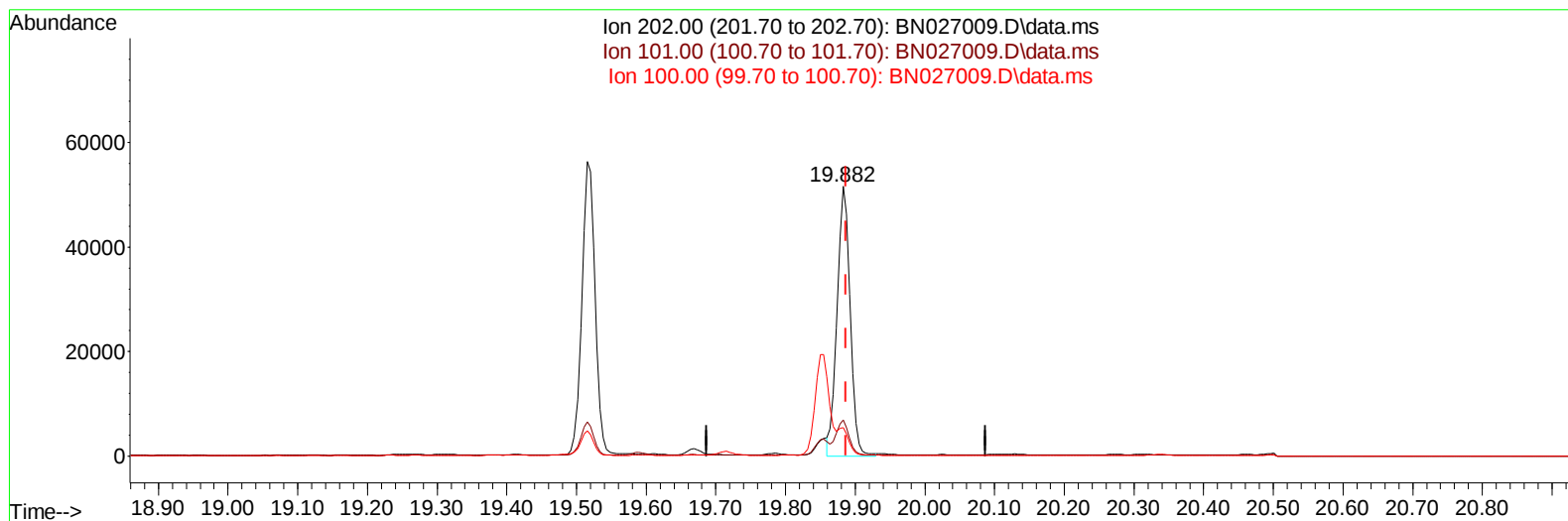
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027009.D
Acq On : 22 Aug 2023 01:50
Operator : MA/JU
Sample : 03967-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN027009.D\data.ms

(20) Pyrene

19.882min (-0.005) 0.56 ng/u1 m

response 66784

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.24
100.00	10.60	10.58
0.00	0.00	0.00

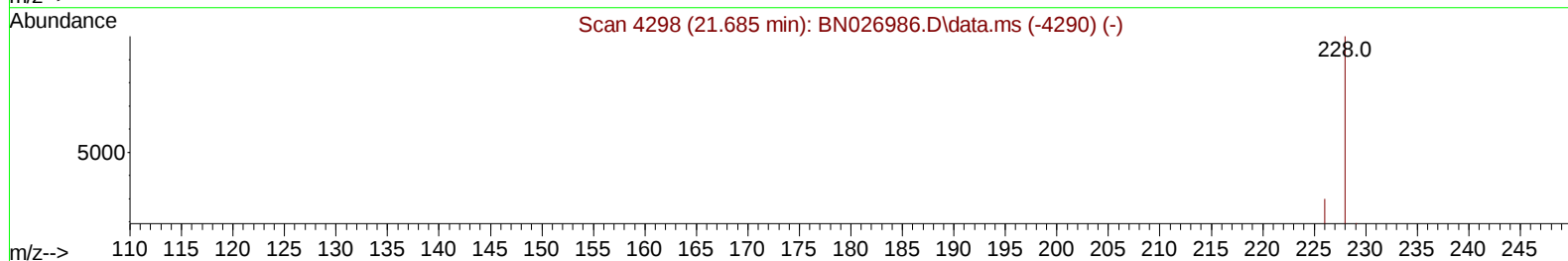
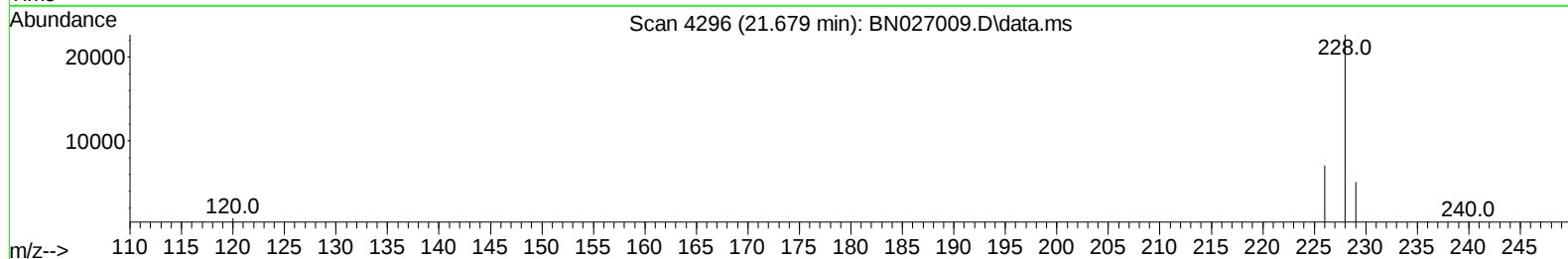
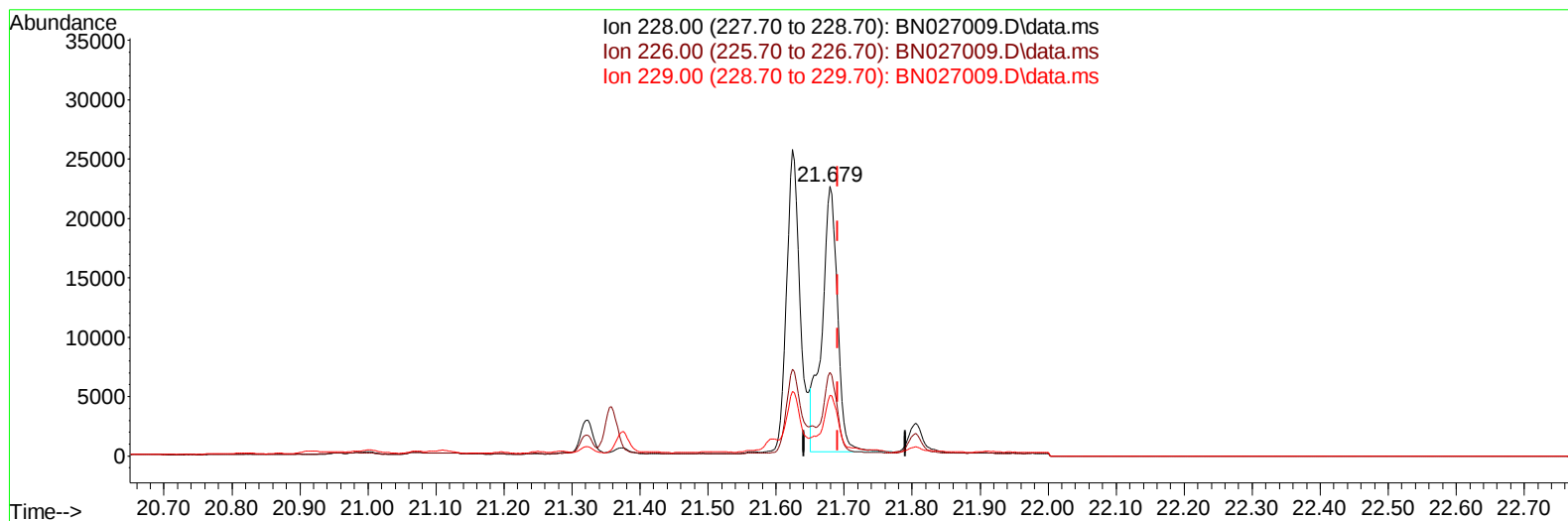
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TIC: BN027009.D\data.ms

(22) Chrysene

21.679min (-0.012) 0.34 ng/u1

response 36051

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	30.98
229.00	19.70	22.44
0.00	0.00	0.00

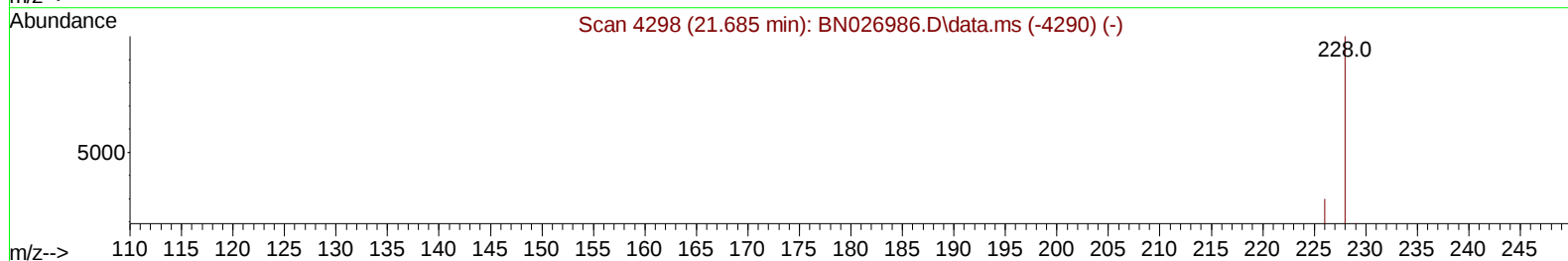
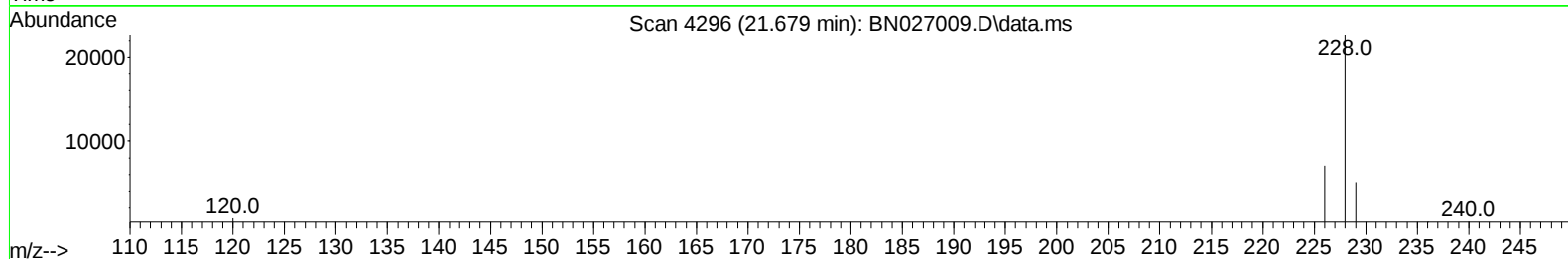
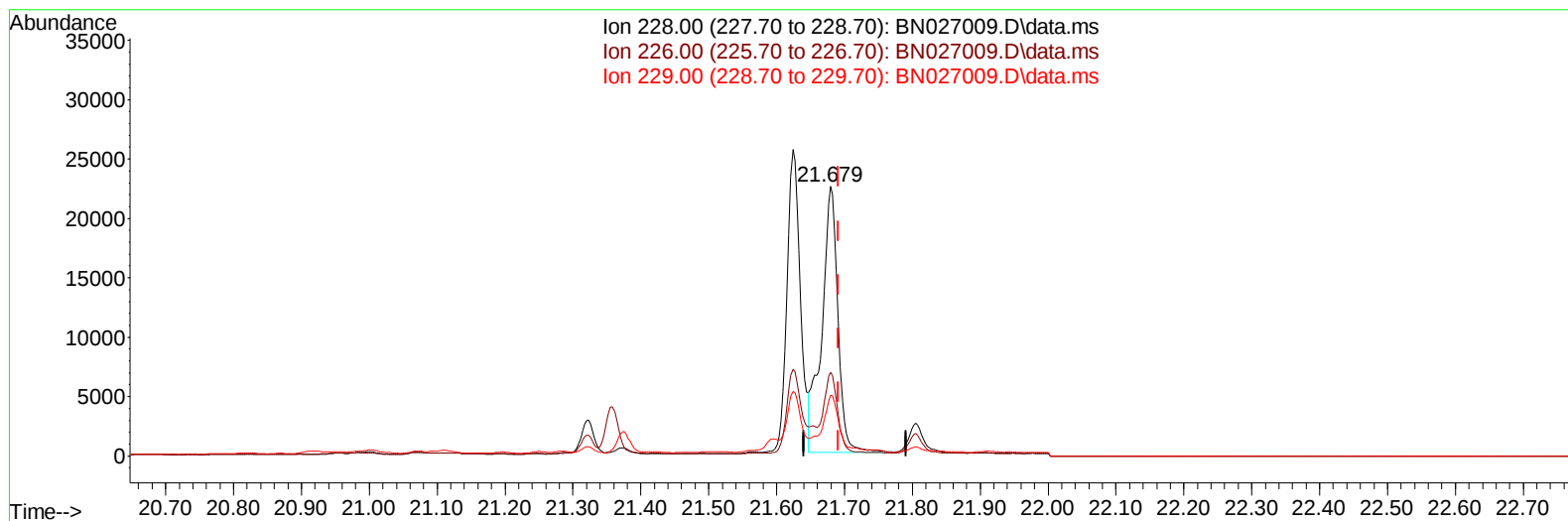
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Data File : BN027009.D
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Operator : MA/JU
Sample : 03967-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48M9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2023
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TIC: BN027009.D\data.ms

(22) Chrysene

21.679min (-0.012) 0.35 ng/u1 m

response 37238

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	30.98
229.00	19.70	22.44
0.00	0.00	0.00

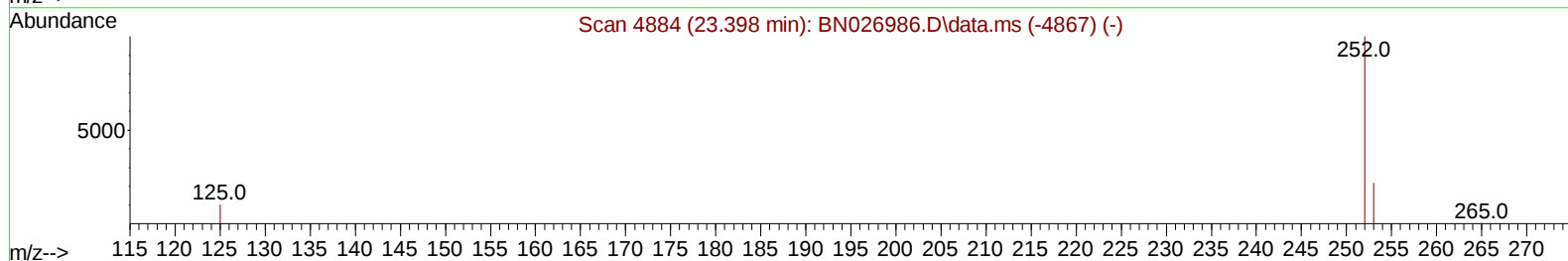
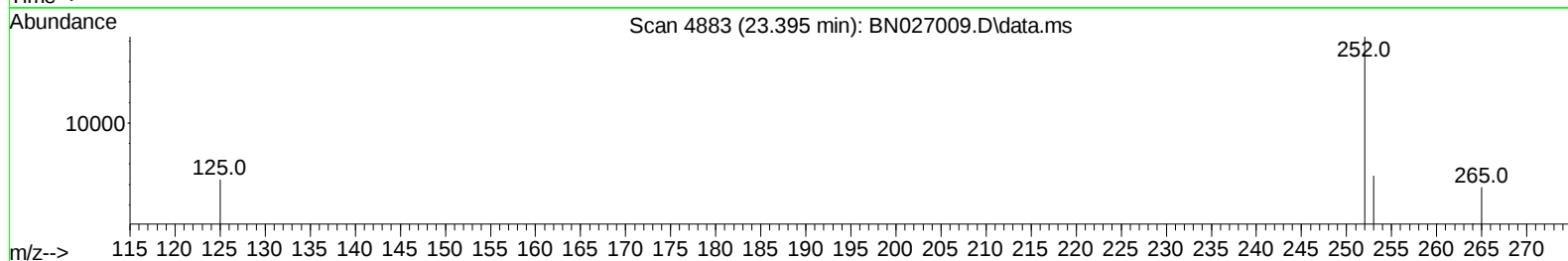
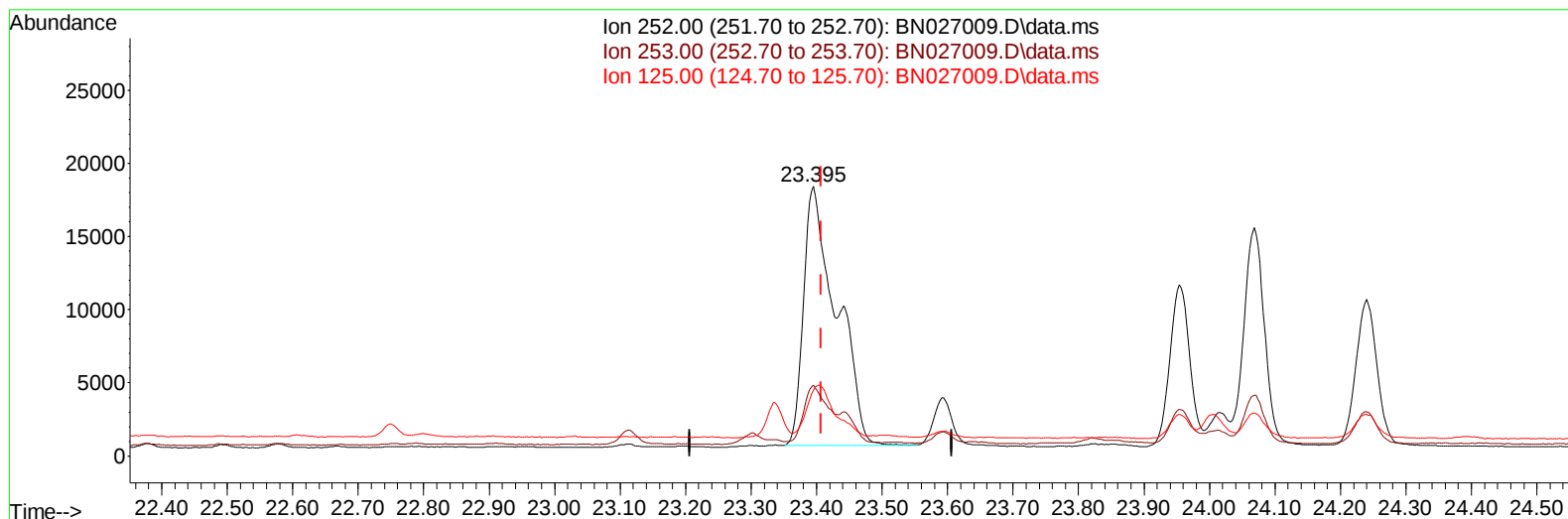
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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TIC: BN027009.D\data.ms

(24) Benzo(b)fluoranthene

23.395min (-0.012) 0.60 ng/u1

response 61905

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	26.30
125.00	12.60	24.32
0.00	0.00	0.00

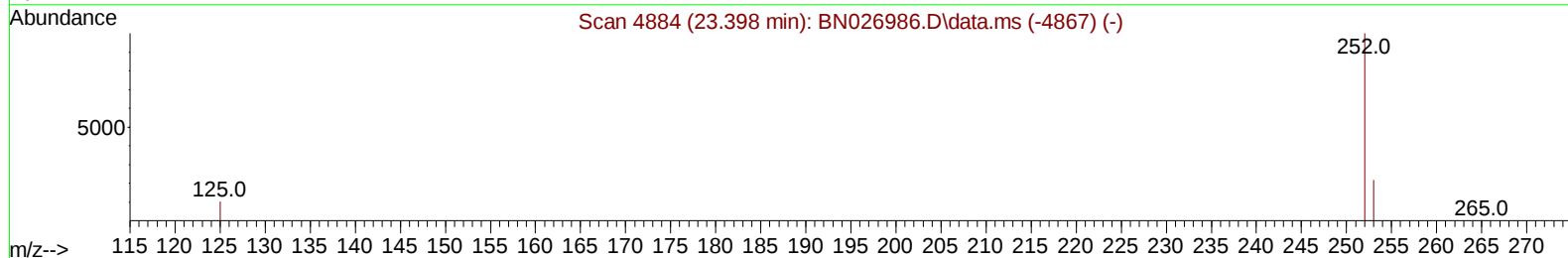
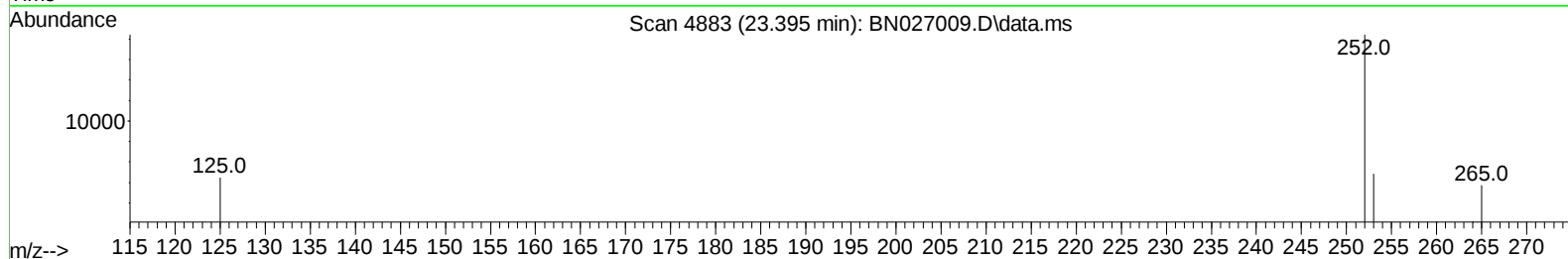
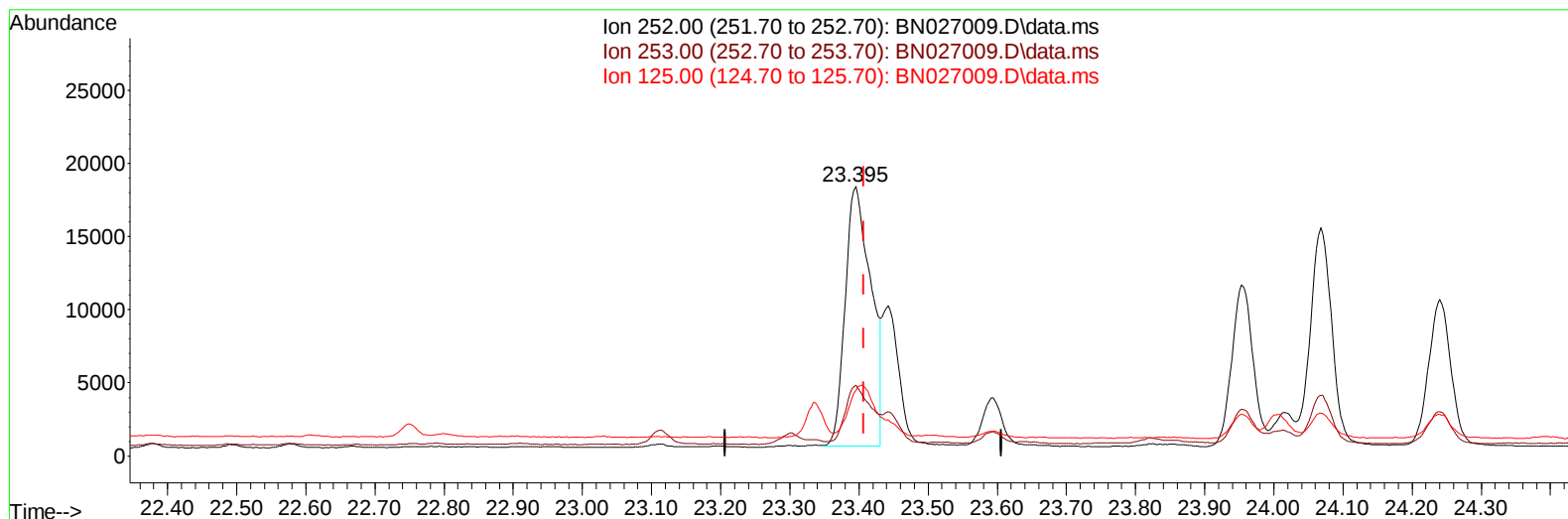
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027009.D
Acq On : 22 Aug 2023 01:50
Operator : MA/JU
Sample : 03967-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48M9

Manual IntegrationsAPPROVED

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

Quant Time: Aug 22 02:44:29 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BN027009.D\data.ms

(24) Benzo(b)fluoranthene

23.395min (-0.012) 0.44 ng/u1 m

response 45844

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	26.30
125.00	12.60	24.32
0.00	0.00	0.00

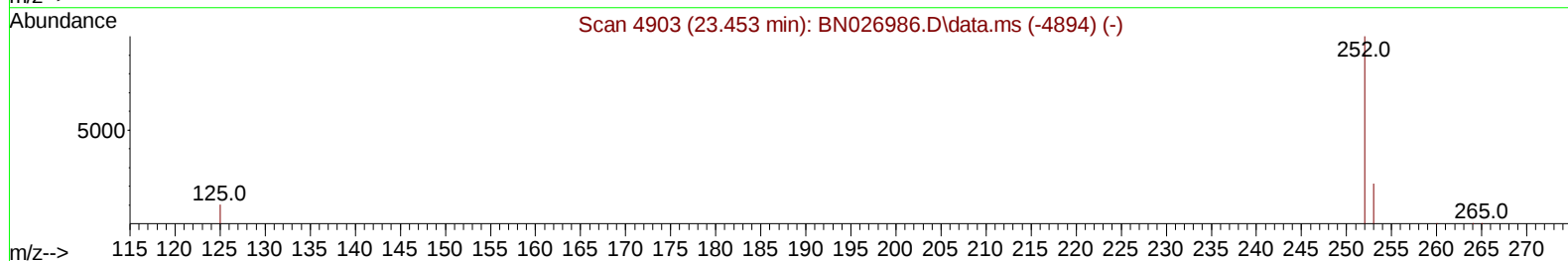
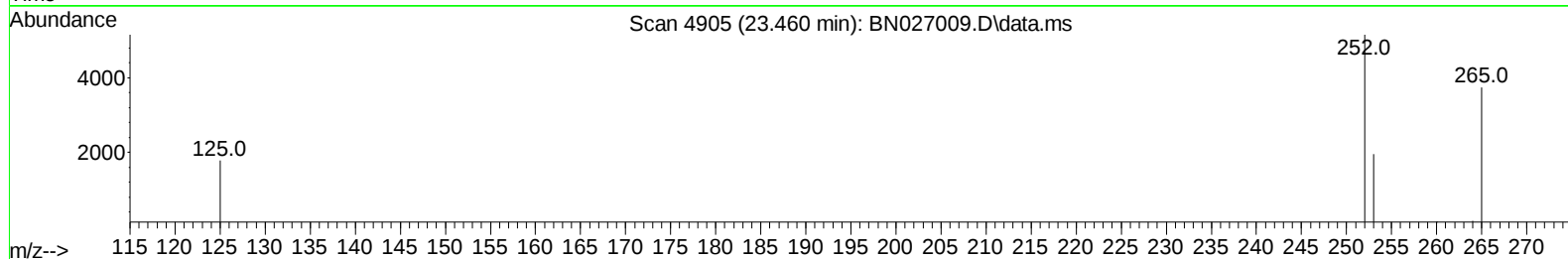
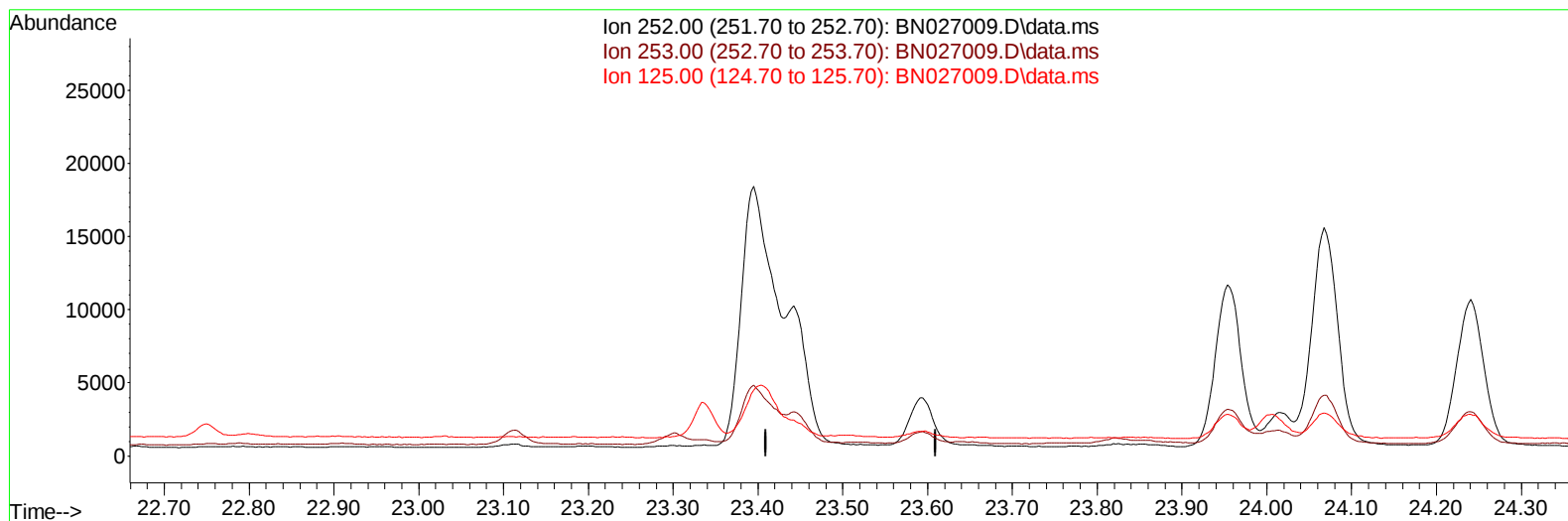
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Operator : MA/JU
Sample : 03967-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN027009.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

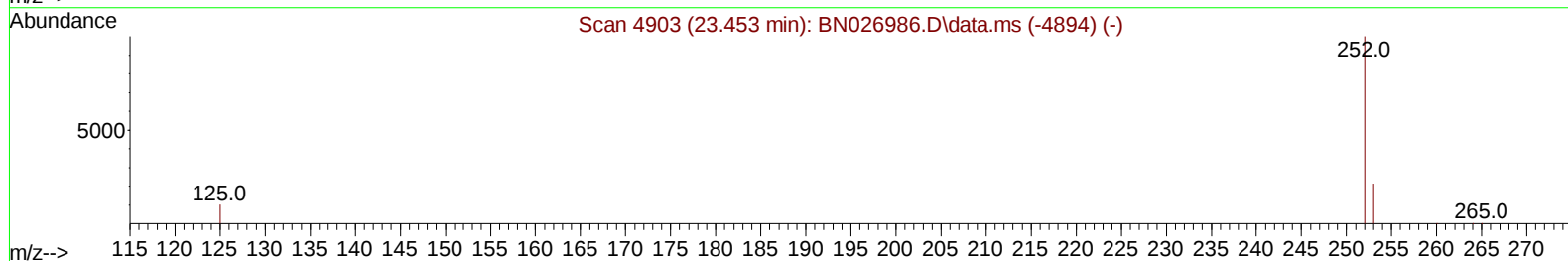
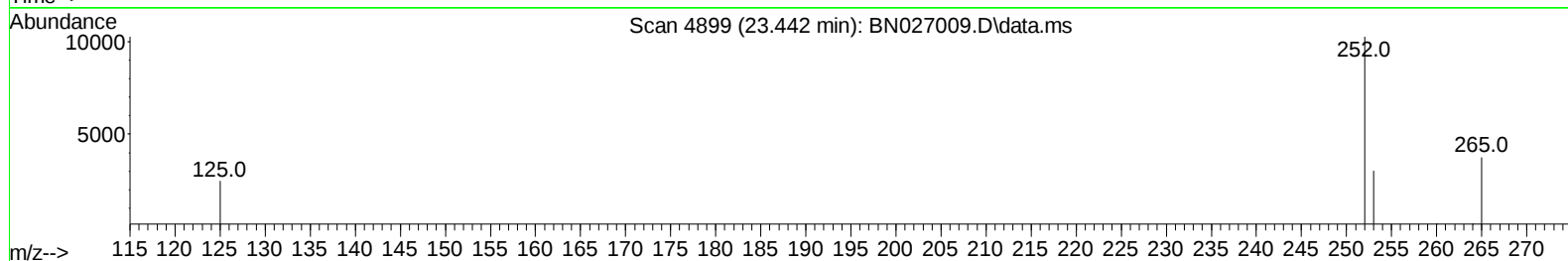
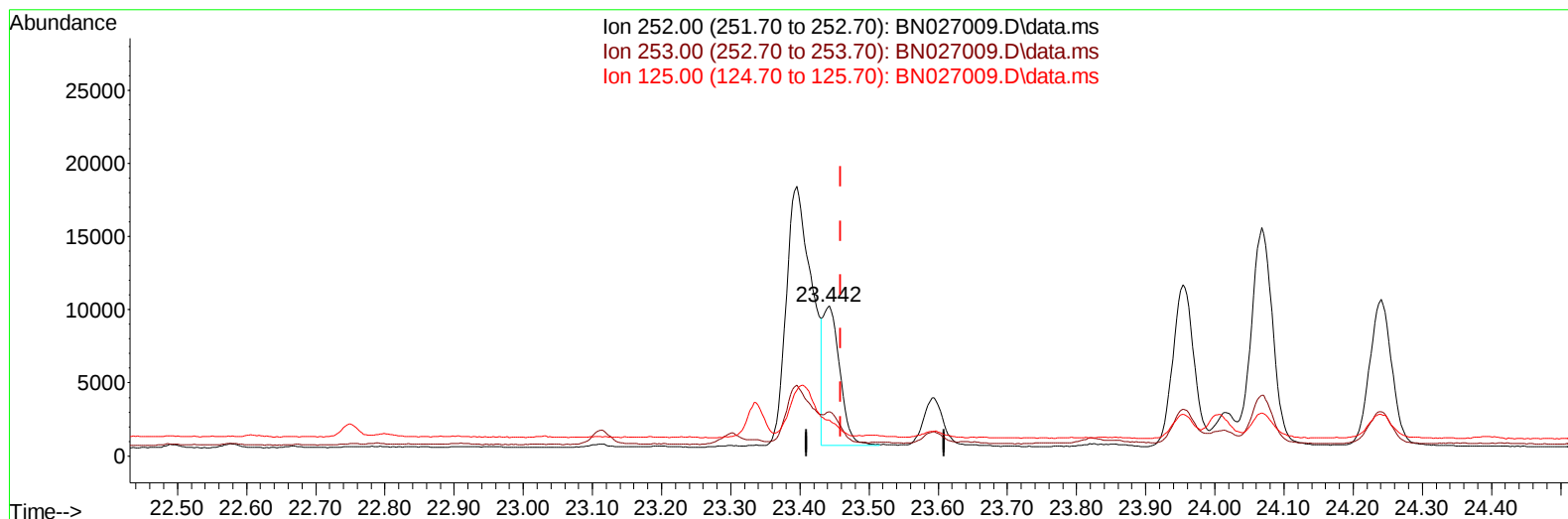
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027009.D
 Acq On : 22 Aug 2023 01:50
 Operator : MA/JU
 Sample : 03967-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M9

Manual IntegrationsAPPROVED

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TIC: BN027009.D\data.ms

(25) Benzo(k)fluoranthene

23.442min (-0.018) 0.16 ng/ul m

response 16127

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	29.50#
125.00	12.40	24.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027009.D
 Acq On : 22 Aug 2023 01:50
 Operator : MA/JU
 Sample : 03967-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M9

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		7468	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136		25097	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164		14722	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188		33061	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240		26792	0.400	ng/ul	0.00
23) Perylene-d12	24.182	264		27436	0.400	ng/ul	#-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.439	96		32768	3.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152		6753	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.487	212		16776	0.198	ng/ul	0.00
Target Compounds							
						Qvalue	
5) Naphthalene	10.977	128		2602	0.037	ng/ul#	88
10) Acenaphthylene	14.453	152		3211	0.039	ng/ul#	92
11) Acenaphthene	14.791	153		1679	0.029	ng/ul	98
12) Fluorene	15.772	166		1647	0.026	ng/ul#	96
15) Phenanthrene	17.515	178		31750	0.292	ng/ul	100
16) Anthracene	17.603	178		6405	0.065	ng/ul	95
19) Fluoranthene	19.515	202		74977	0.674	ng/ul	97
20) Pyrene	19.882	202		66784m	0.562	ng/ul	
21) Benzo(a)anthracene	21.624	228		34907	0.328	ng/ul	98
22) Chrysene	21.679	228		37238m	0.354	ng/ul	
24) Benzo(b)fluoranthene	23.395	252		45844m	0.442	ng/ul	
25) Benzo(k)fluoranthene	23.442	252		16127m	0.158	ng/ul	
26) Benzo(a)pyrene	24.068	252		31960	0.341	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.864	276		18341	0.150	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.878	278		4379	0.045	ng/ul#	55
29) Benzo(g,h,i)perylene	27.699	276		17645	0.173	ng/ul	95

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

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