

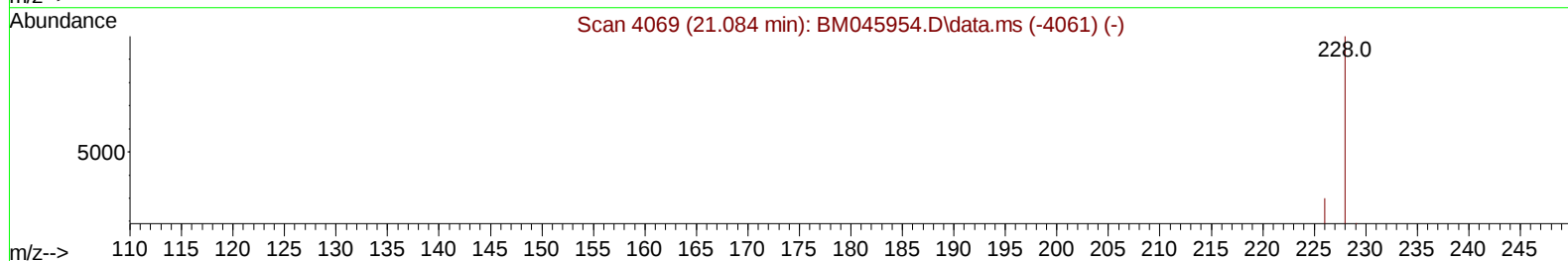
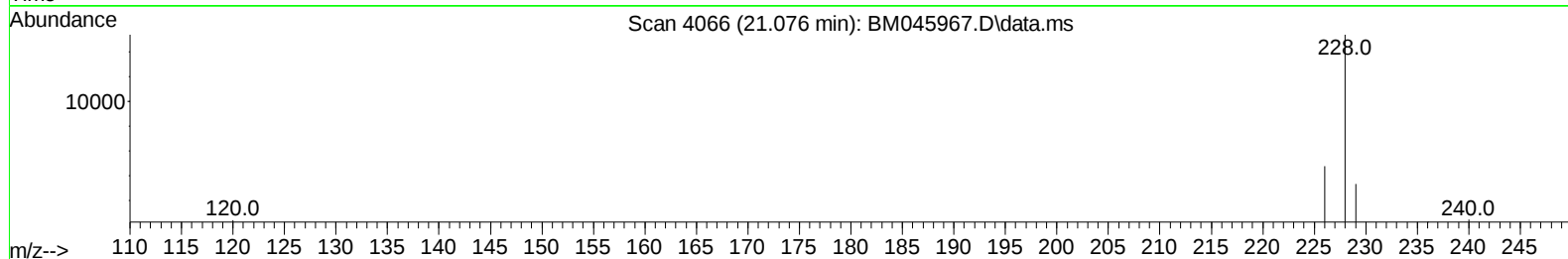
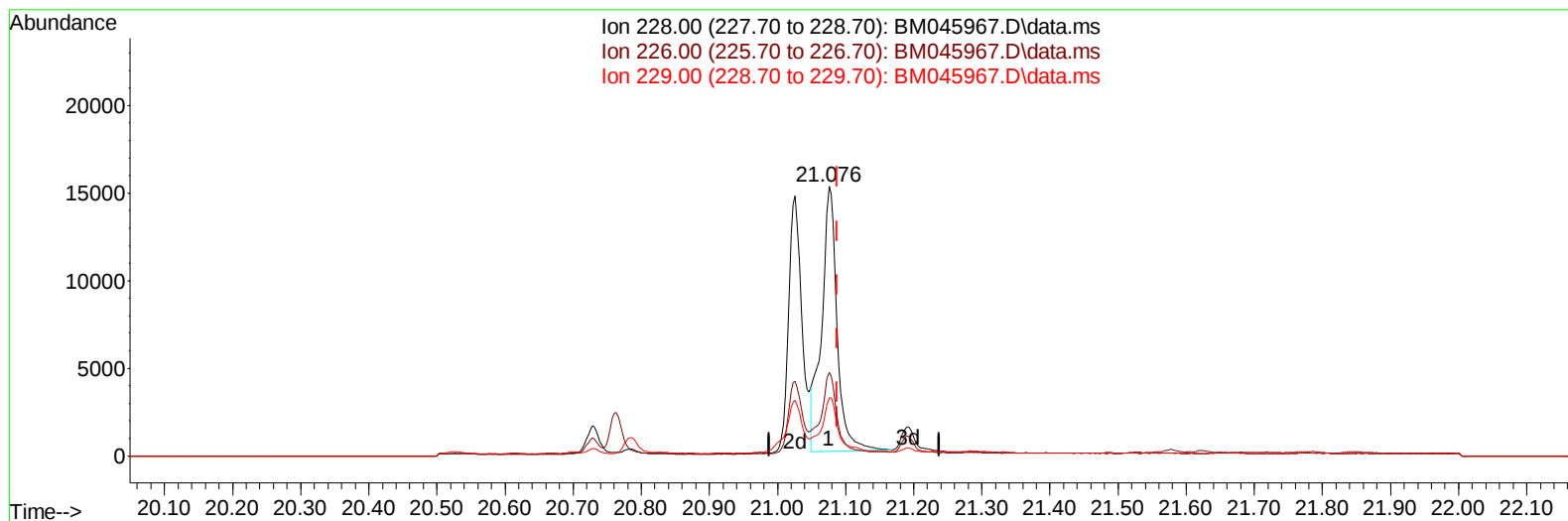
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045967.D
Acq On : 11 Jun 2024 01:00
Operator : MA/JU
Sample : P2642-11DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 01:31:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045967.D\data.ms

(22) Chrysene

21.076min (-0.012) 0.45 ng/u1

response 23871

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	31.05
229.00	20.20	21.61
0.00	0.00	0.00

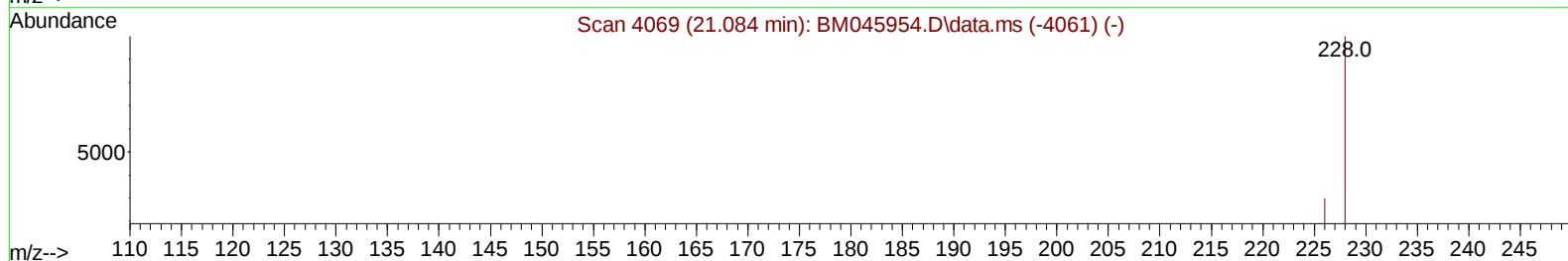
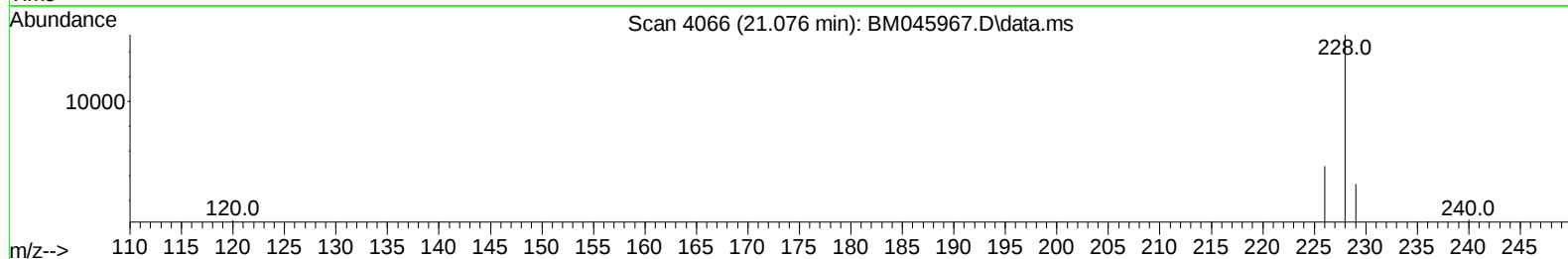
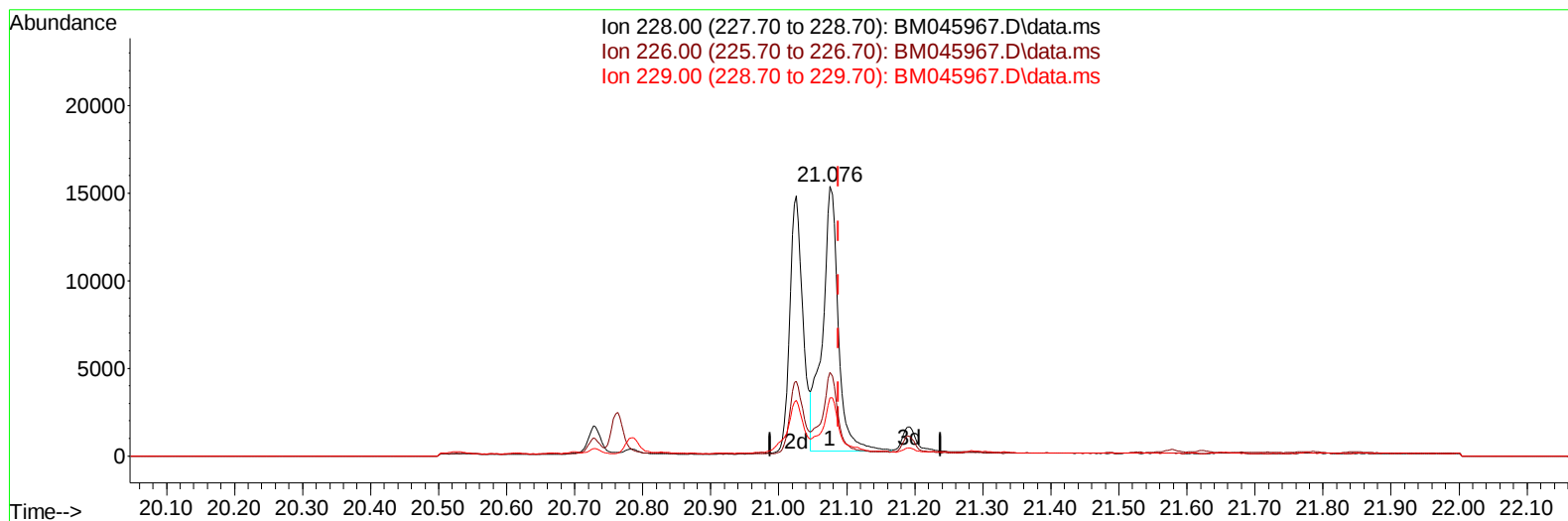
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045967.D
Acq On : 11 Jun 2024 01:00
Operator : MA/JU
Sample : P2642-11DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 01:31:02 2024
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TIC: BM045967.D\data.ms

(22) Chrysene

21.076min (-0.012) 0.46 ng/ul m

response 24750

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	31.05
229.00	20.20	21.61
0.00	0.00	0.00

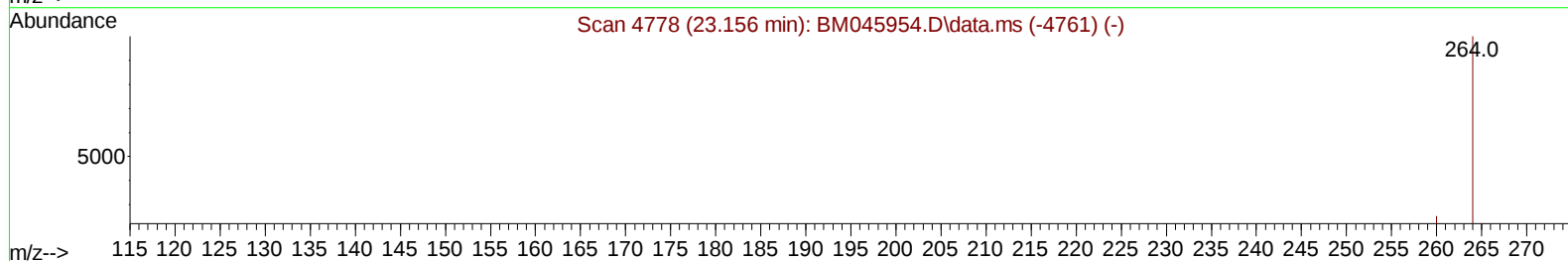
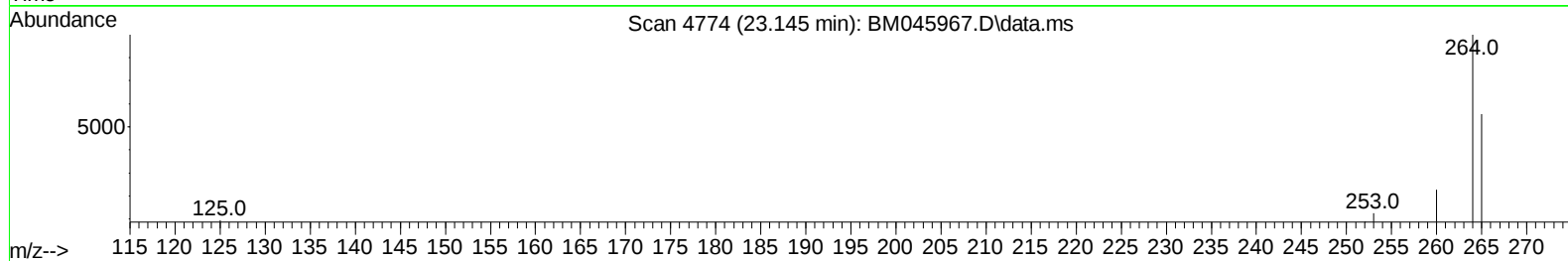
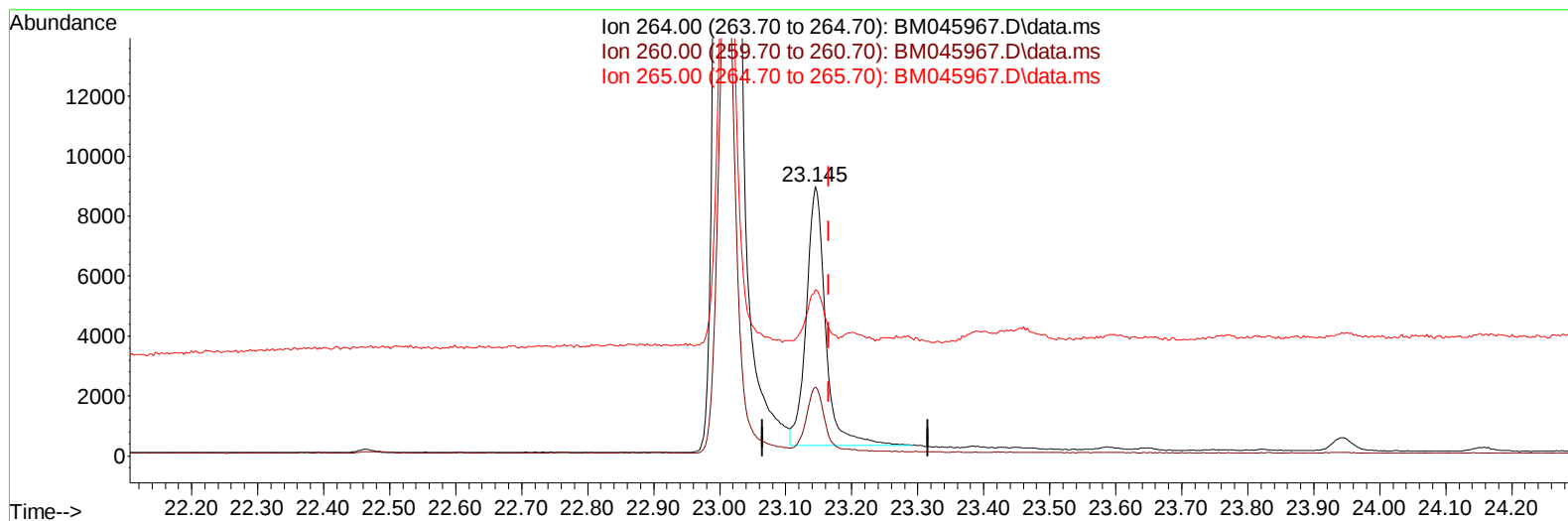
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045967.D
Acq On : 11 Jun 2024 01:00
Operator : MA/JU
Sample : P2642-11DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35DL

Manual IntegrationsAPPROVED

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TIC: BM045967.D\data.ms

(23) Perylene-d12 (I)

23.145min (-0.021) 0.40 ng/u1

response 17475

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.49
265.00	76.60	61.72
0.00	0.00	0.00

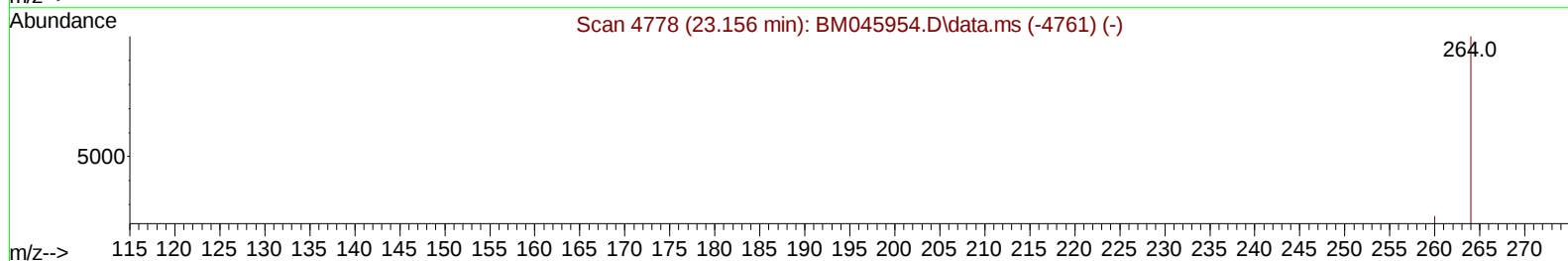
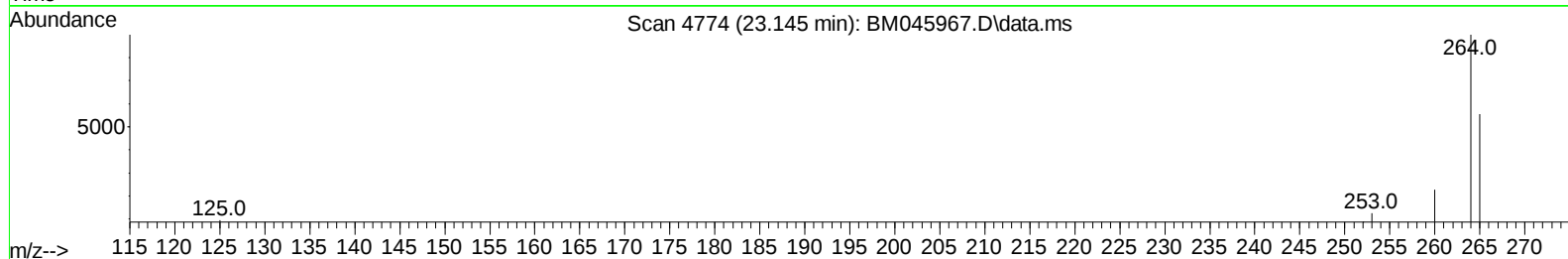
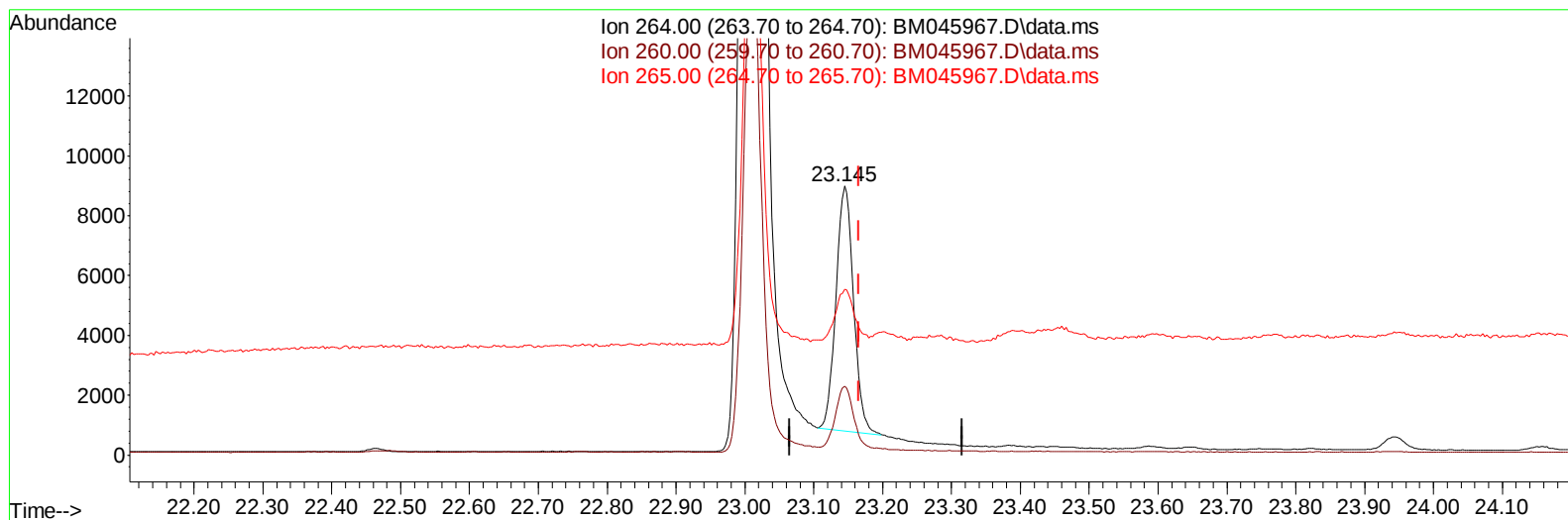
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045967.D
Acq On : 11 Jun 2024 01:00
Operator : MA/JU
Sample : P2642-11DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 01:31:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
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TIC: BM045967.D\data.ms

(23) Perylene-d12 (I)

23.145min (-0.021) 0.40 ng/ul m

response 14511

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.49
265.00	76.60	61.72
0.00	0.00	0.00

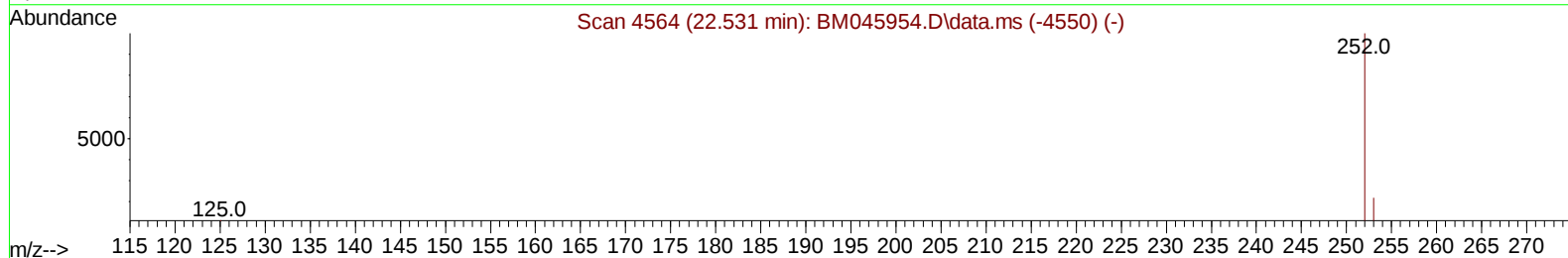
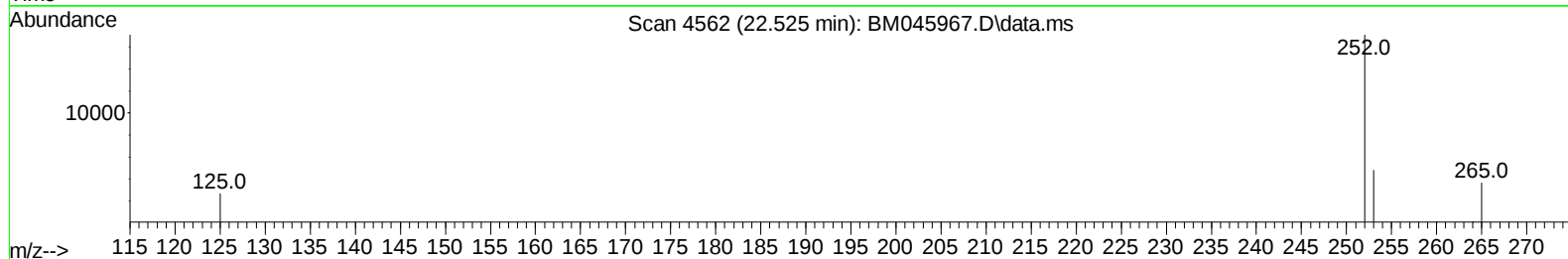
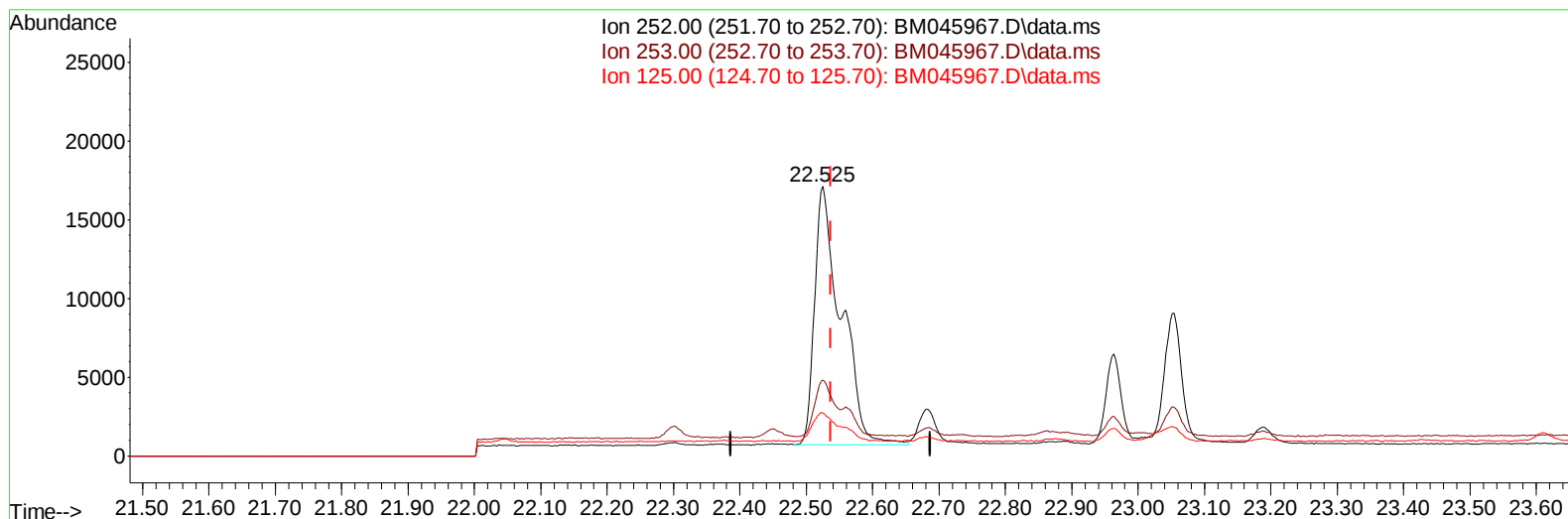
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045967.D
Acq On : 11 Jun 2024 01:00
Operator : MA/JU
Sample : P2642-11DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35DL

Manual IntegrationsAPPROVED

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TIC: BM045967.D\data.ms

(24) Benzo(b)fluoranthene

22.525min (-0.012) 0.94 ng/u1

response 45311

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	28.24
125.00	17.90	15.88
0.00	0.00	0.00

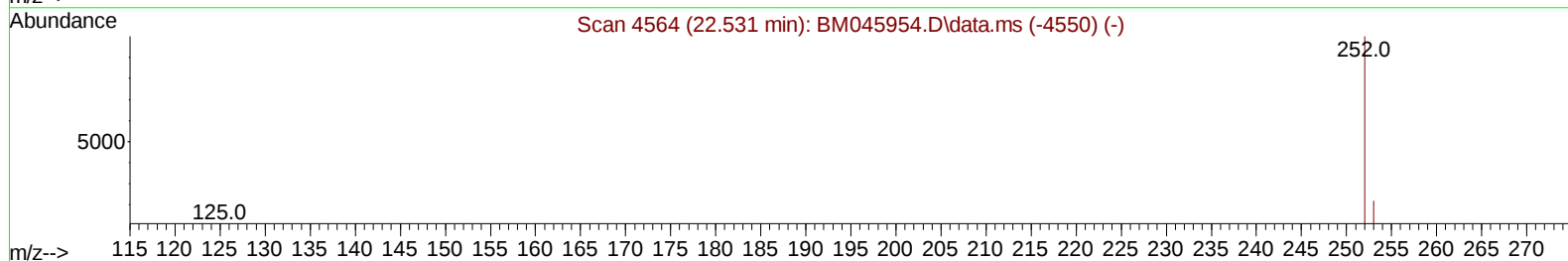
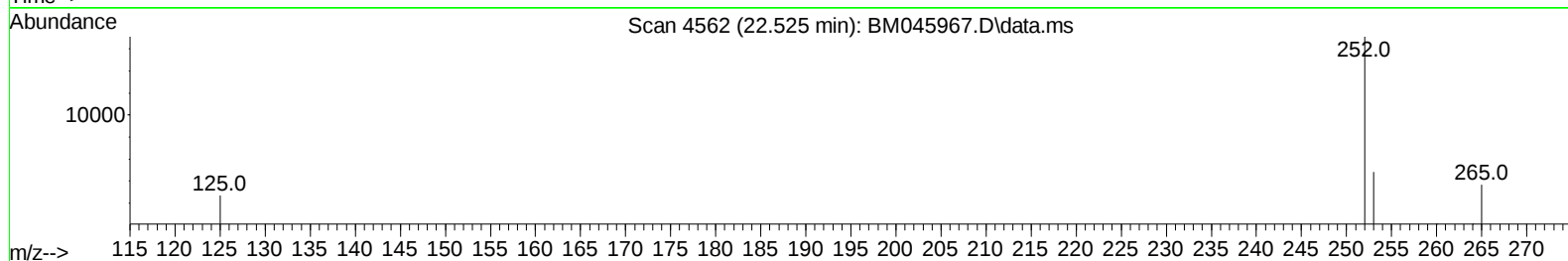
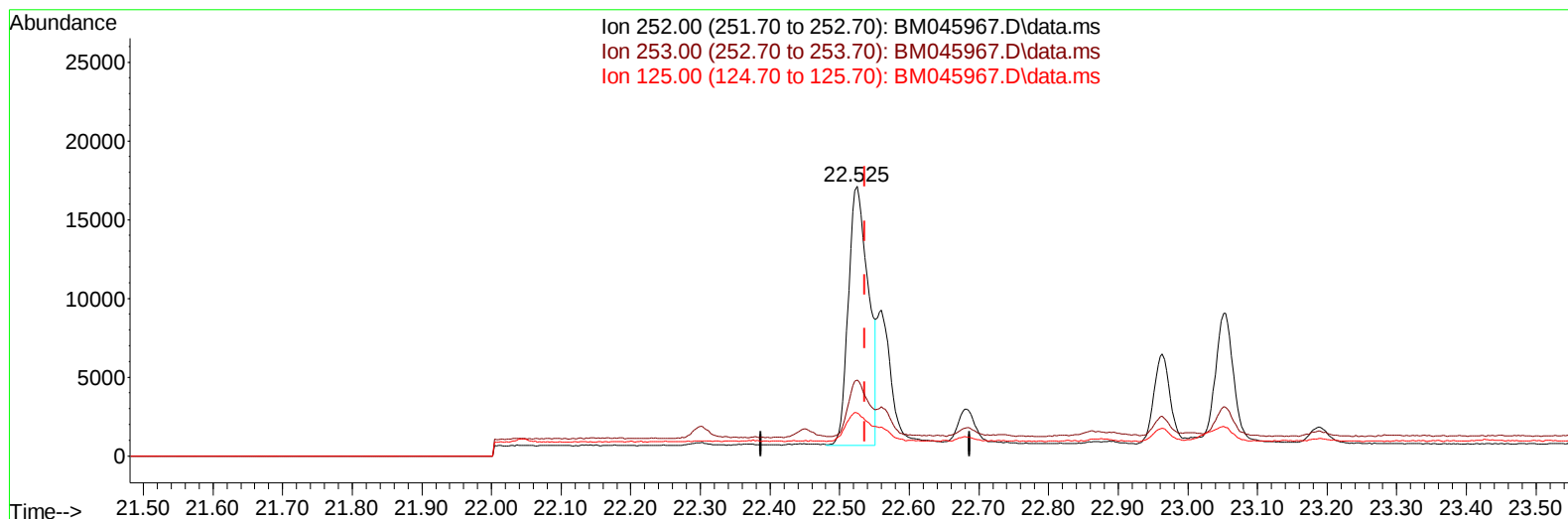
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045967.D
Acq On : 11 Jun 2024 01:00
Operator : MA/JU
Sample : P2642-11DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 01:31:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045967.D\data.ms

(24) Benzo(b)fluoranthene

22.525min (-0.012) 0.68 ng/u1 m

response 32891

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	28.24
125.00	17.90	15.88
0.00	0.00	0.00

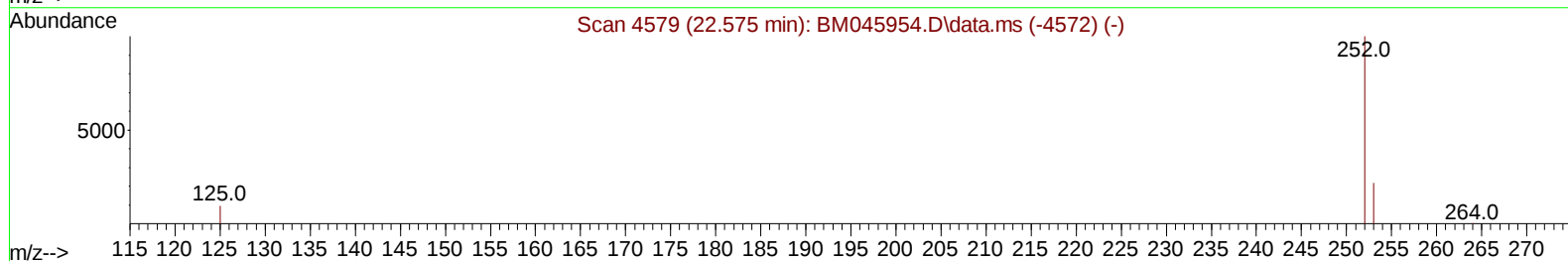
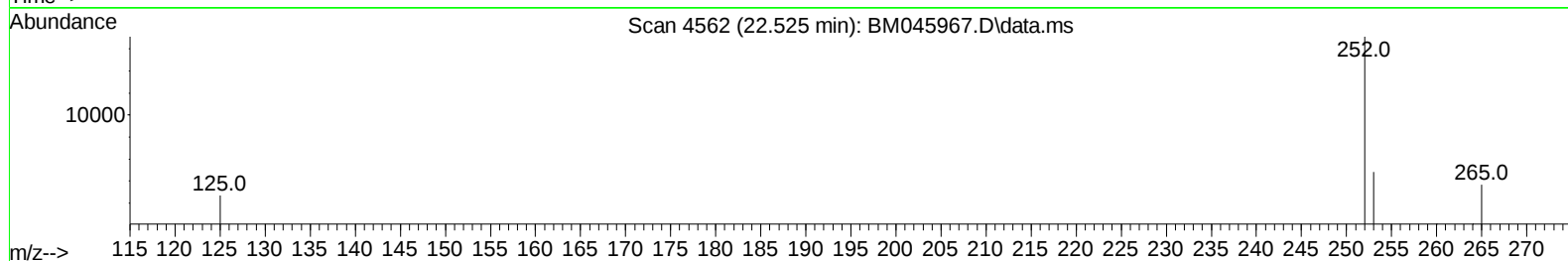
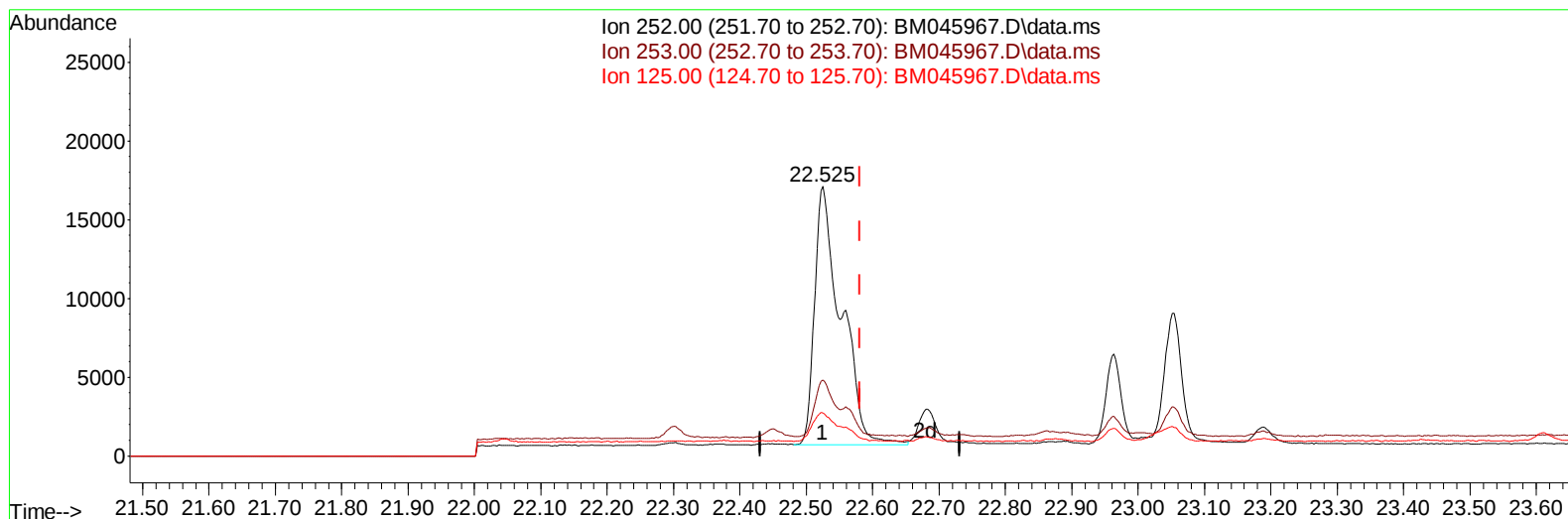
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045967.D
Acq On : 11 Jun 2024 01:00
Operator : MA/JU
Sample : P2642-11DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 01:31:02 2024
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TIC: BM045967.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.056) 0.86 ng/u1

response 45311

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	28.24
125.00	17.70	15.88
0.00	0.00	0.00

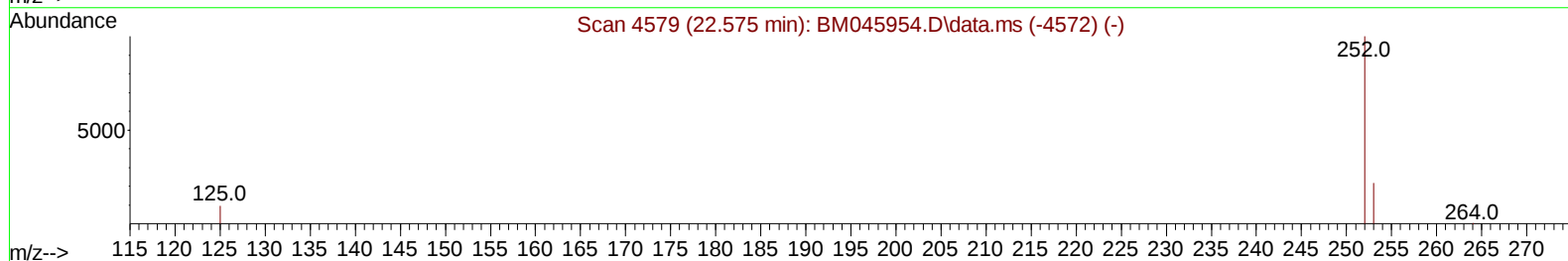
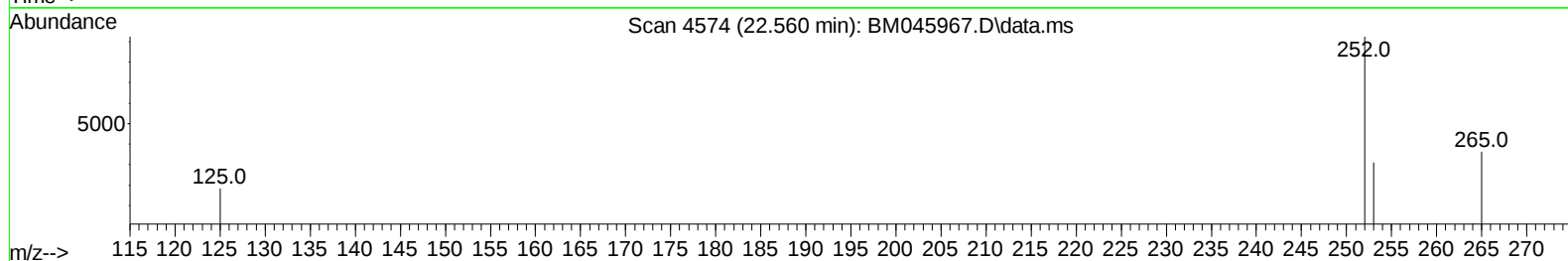
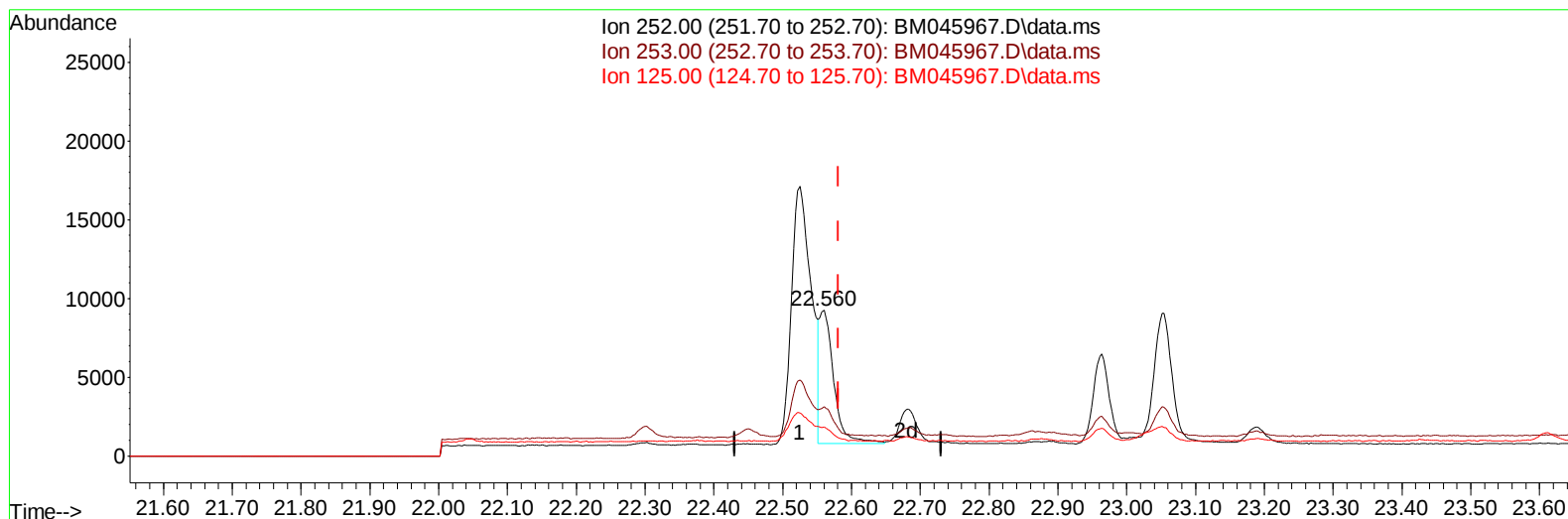
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045967.D
Acq On : 11 Jun 2024 01:00
Operator : MA/JU
Sample : P2642-11DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 01:31:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045967.D\data.ms

(25) Benzo(k)fluoranthene

22.560min (-0.021) 0.23 ng/u1 m

response 11986

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	33.76
125.00	17.70	19.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045967.D
 Acq On : 11 Jun 2024 01:00
 Operator : MA/JU
 Sample : P2642-11DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B35DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/13/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.459	152		4601	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136		14348	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164		8184	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188		16275	0.400	ng/ul	-0.02
17) Chrysene-d12	21.043	240		13421	0.400	ng/ul	0.00
23) Perylene-d12	23.145	264		14511m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.058	96		4634	0.884	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.855	152		968	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.881	212		2093	0.052	ng/ul	-0.01
Target Compounds							
						Qvalue	
5) Naphthalene	10.288	128		759	0.020	ng/ul#	65
10) Acenaphthylene	13.827	152		1140	0.031	ng/ul#	80
11) Acenaphthene	14.174	153		902	0.033	ng/ul	95
12) Fluorene	15.159	166		1052	0.034	ng/ul#	95
15) Phenanthrene	16.888	178		22762	0.498	ng/ul	100
16) Anthracene	16.981	178		4196	0.108	ng/ul#	90
19) Fluoranthene	18.909	202		48924	0.914	ng/ul	98
20) Pyrene	19.272	202		39376	0.705	ng/ul	97
21) Benzo(a)anthracene	21.026	228		19802	0.402	ng/ul	97
22) Chrysene	21.076	228		24750m	0.461	ng/ul	
24) Benzo(b)fluoranthene	22.525	252		32891m	0.683	ng/ul	
25) Benzo(k)fluoranthene	22.560	252		11986m	0.227	ng/ul	
26) Benzo(a)pyrene	23.051	252		15125	0.316	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.205	276		14217	0.230	ng/ul	90
28) Dibenzo(a,h)anthracene	25.209	278		3620	0.073	ng/ul#	68
29) Benzo(g,h,i)perylene	25.832	276		2371	0.044	ng/ul#	69

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

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