

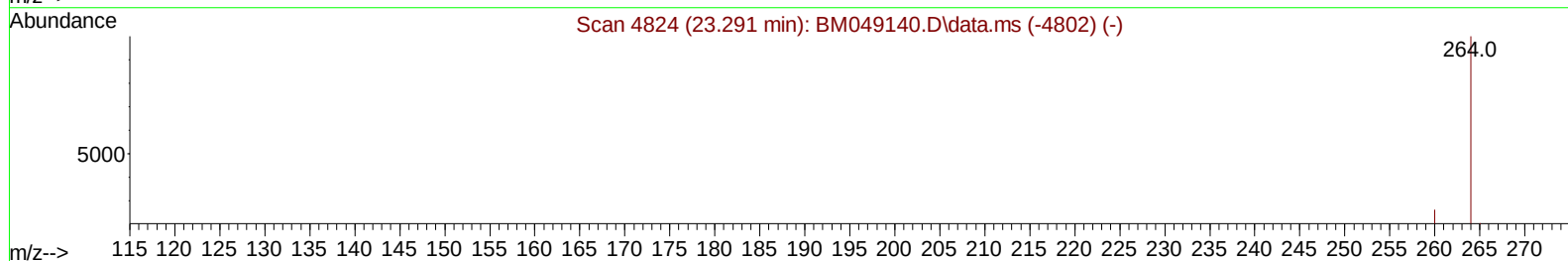
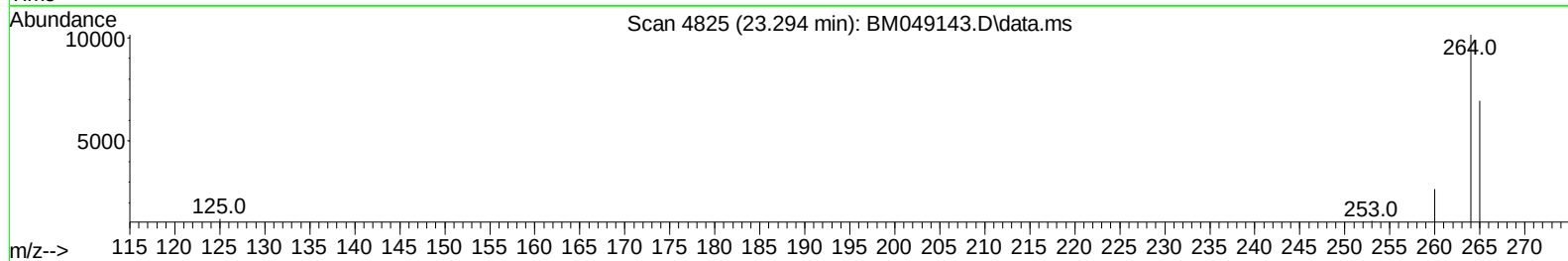
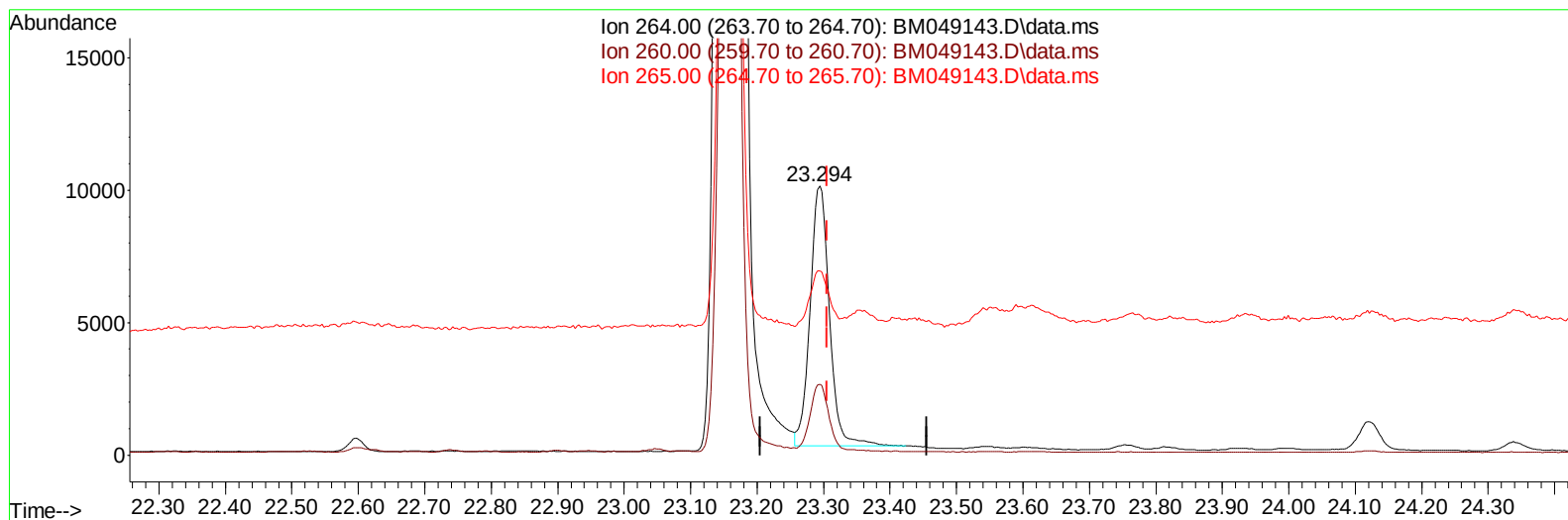
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049143.D
Acq On : 23 Dec 2024 13:13
Operator : RC/JU
Sample : P5265-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z3

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:41:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049143.D\data.ms

(23) Perylene-d12 (I)

23.294min (-0.012) 0.40 ng/ul

response 19769

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.32
265.00	78.30	68.56
0.00	0.00	0.00

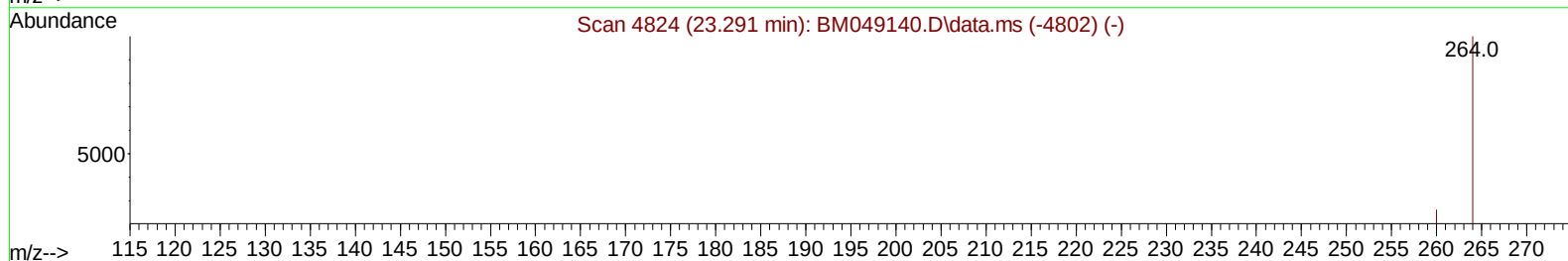
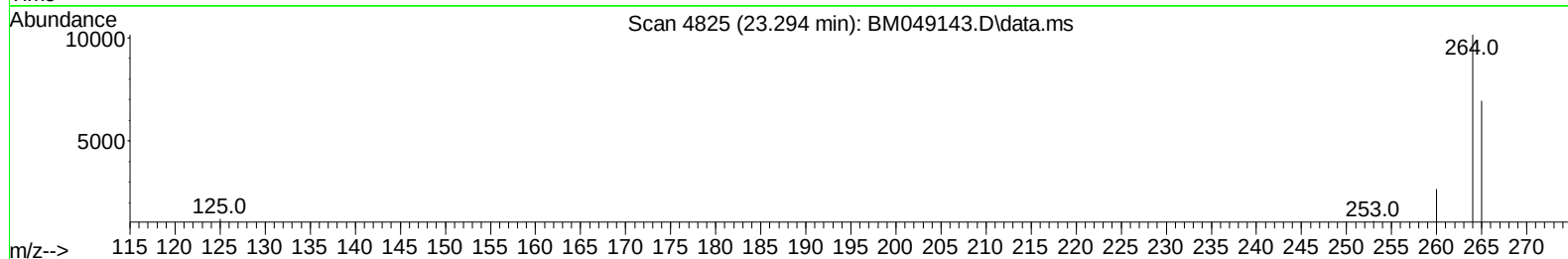
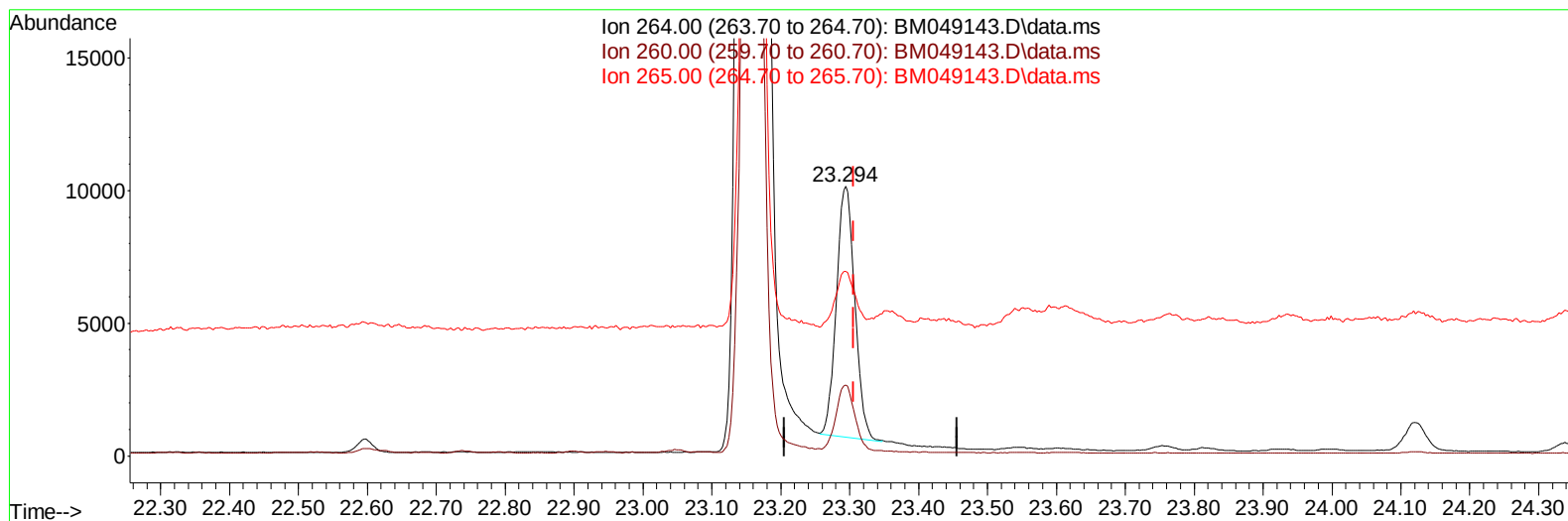
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(23) Perylene-d12 (I)

23.294min (-0.012) 0.40 ng/ul m

response 17463

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.32
265.00	78.30	68.56
0.00	0.00	0.00

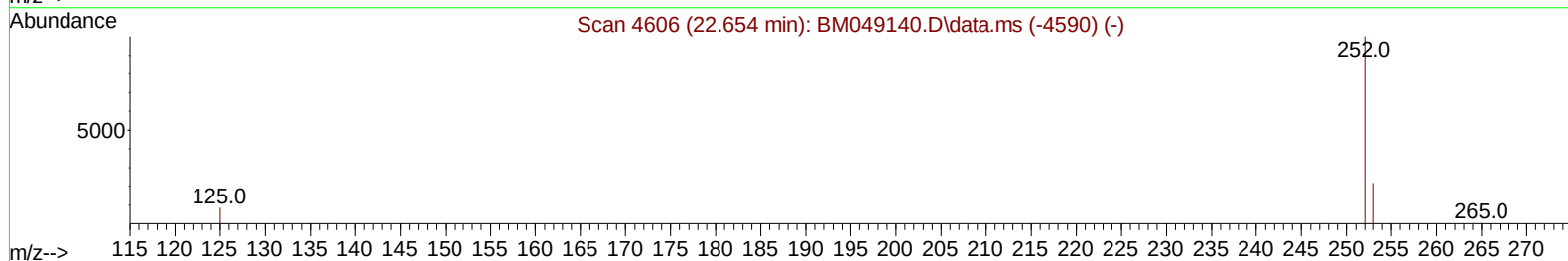
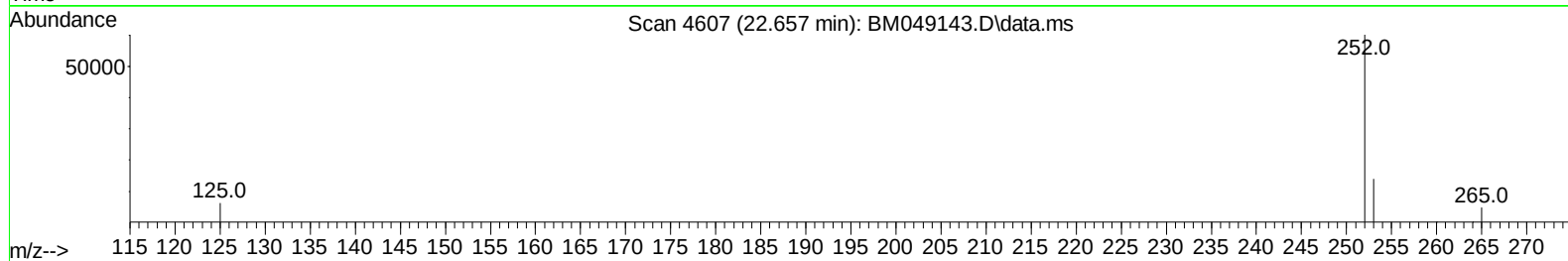
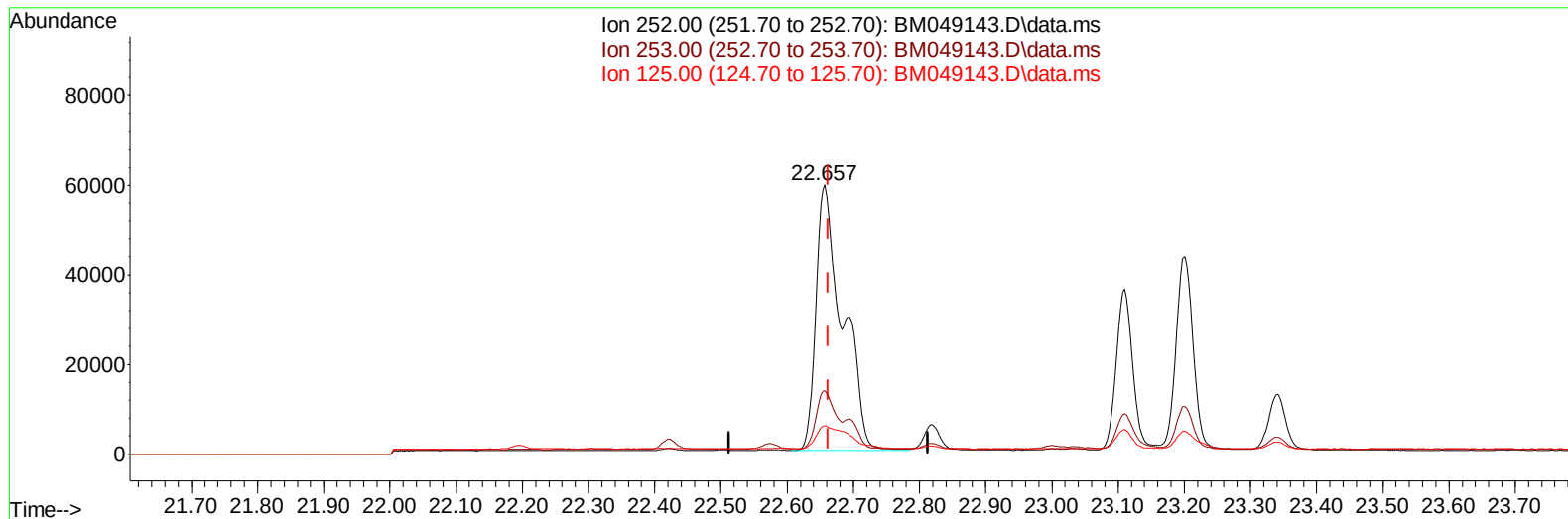
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(24) Benzo(b)fluoranthene

22.657min (-0.006) 2.97 ng/uI

response 165891

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	23.38
125.00	15.40	10.50
0.00	0.00	0.00

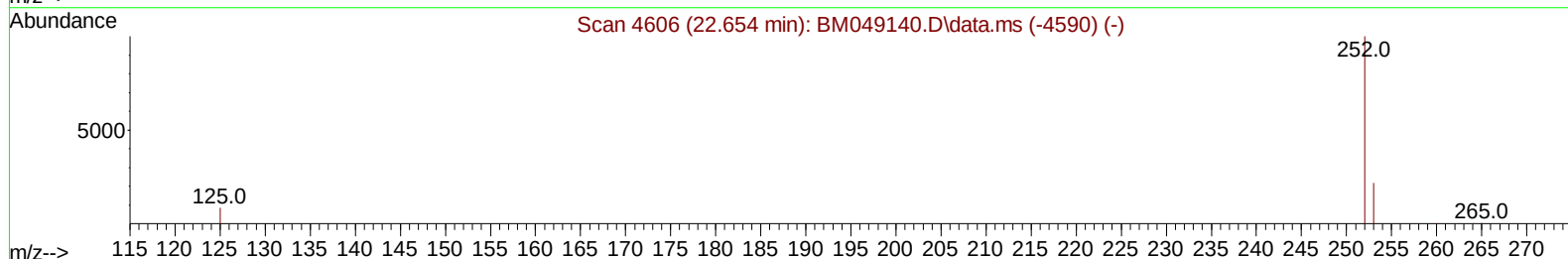
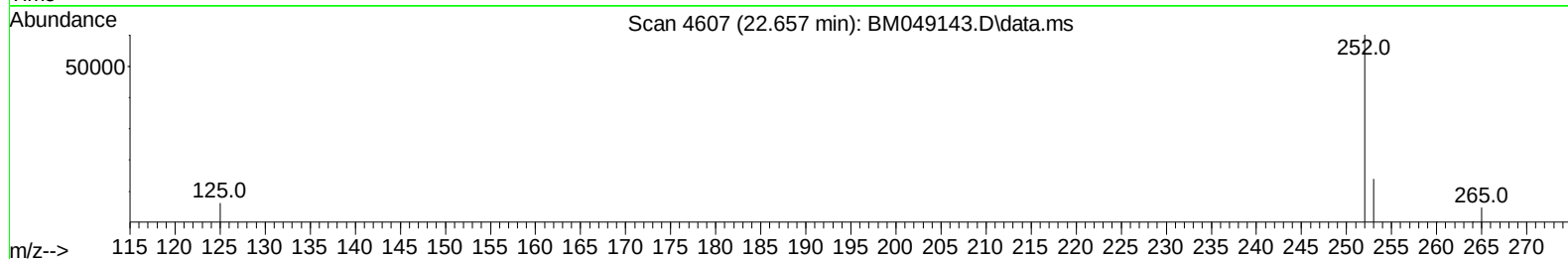
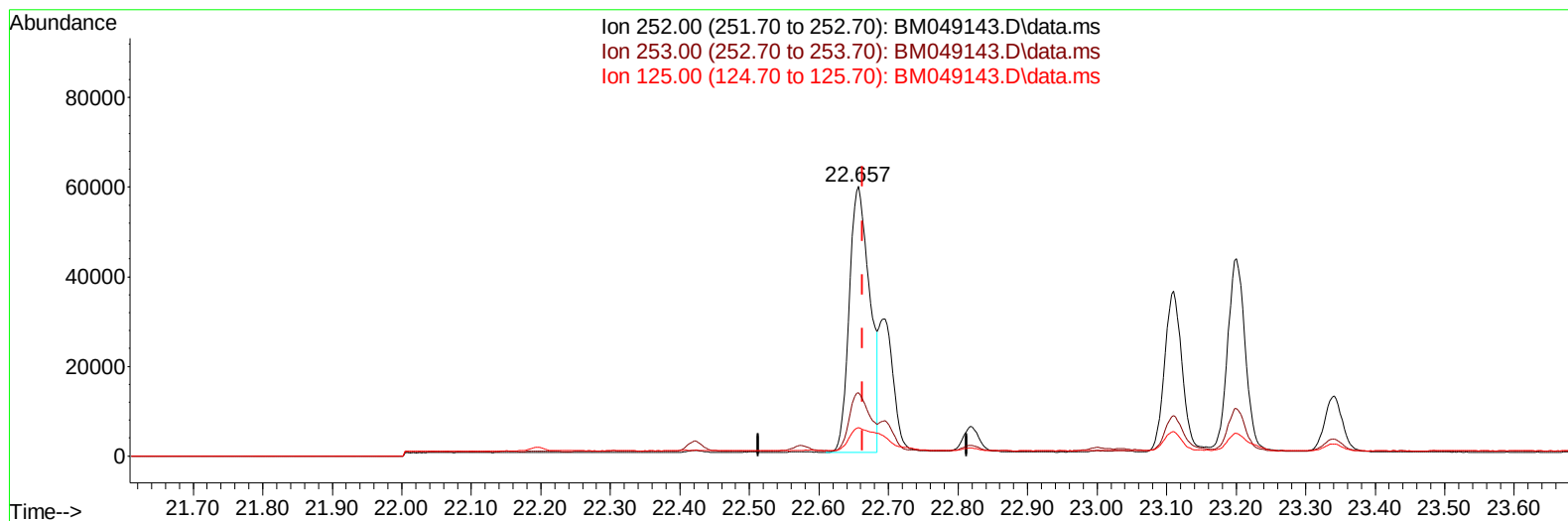
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049143.D
Acq On : 23 Dec 2024 13:13
Operator : RC/JU
Sample : P5265-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM049143.D\data.ms

(24) Benzo(b)fluoranthene

22.657min (-0.006) 2.18 ng/ul m

response 121691

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	23.38
125.00	15.40	10.50
0.00	0.00	0.00

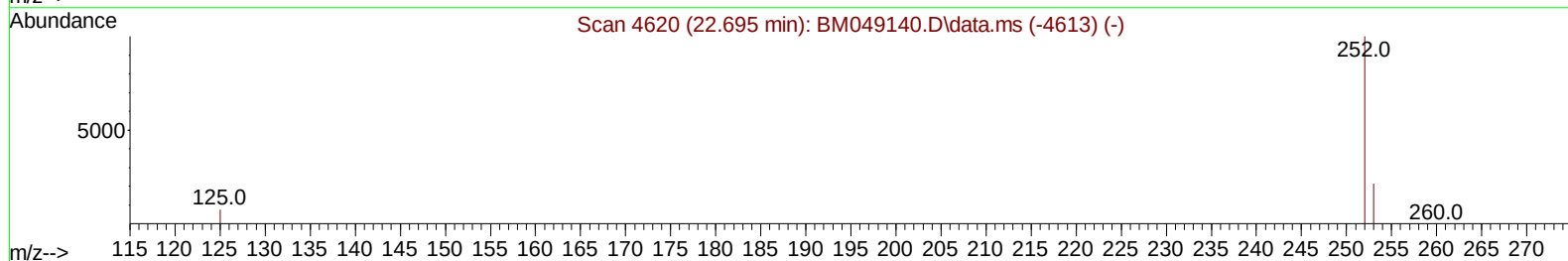
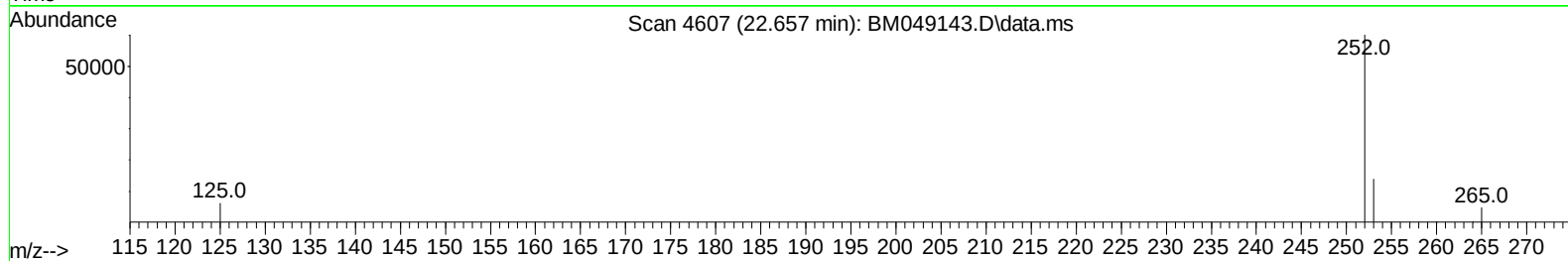
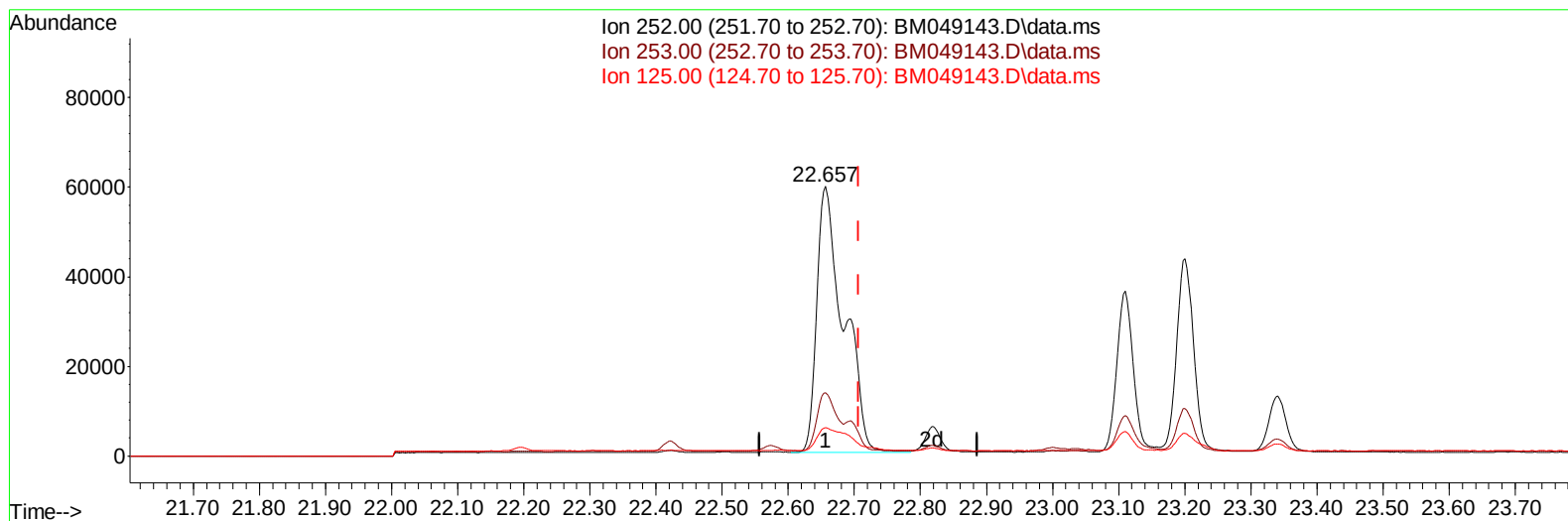
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Operator : RC/JU
Sample : P5265-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z3

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TIC: BM049143.D\data.ms

(25) Benzo(k)fluoranthene

22.657min (-0.050) 2.71 ng/u1

response 165944

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	23.38
125.00	15.70	10.50#
0.00	0.00	0.00

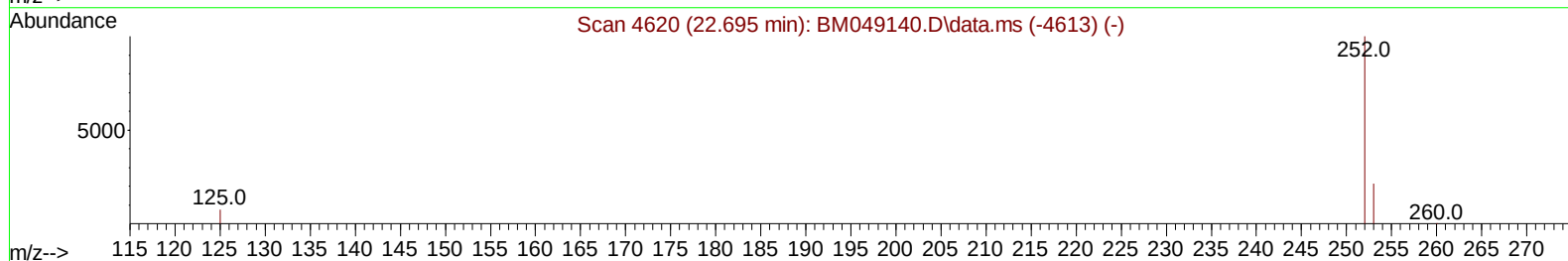
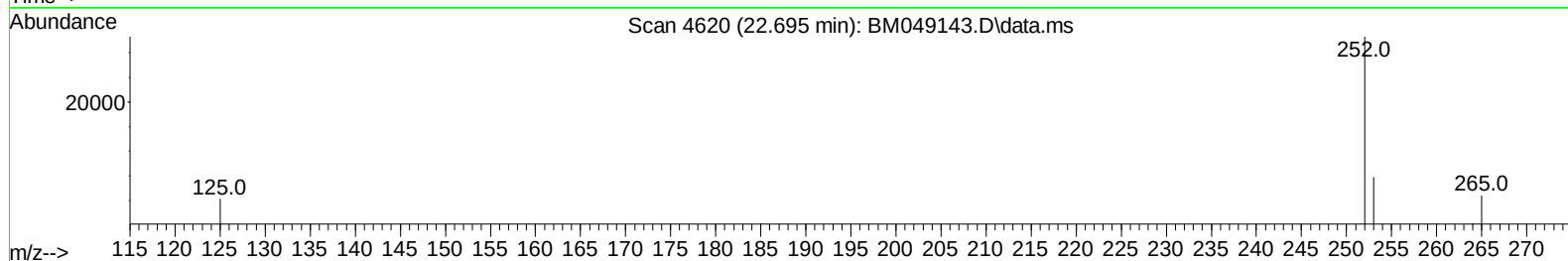
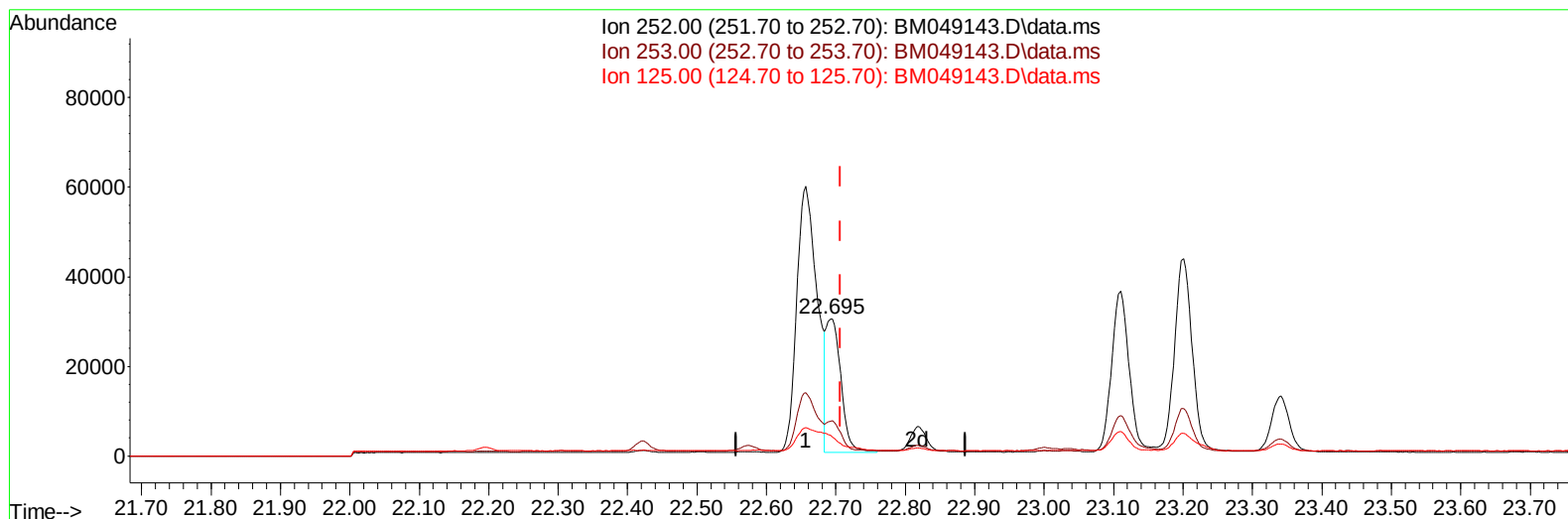
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Data File : BM049143.D
Acq On : 23 Dec 2024 13:13
Operator : RC/JU
Sample : P5265-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z3

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:41:59 2024
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QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049143.D\data.ms

(25) Benzo(k)fluoranthene

22.695min (-0.012) 0.73 ng/ul m

response 44533

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	25.57
125.00	15.70	13.90
0.00	0.00	0.00

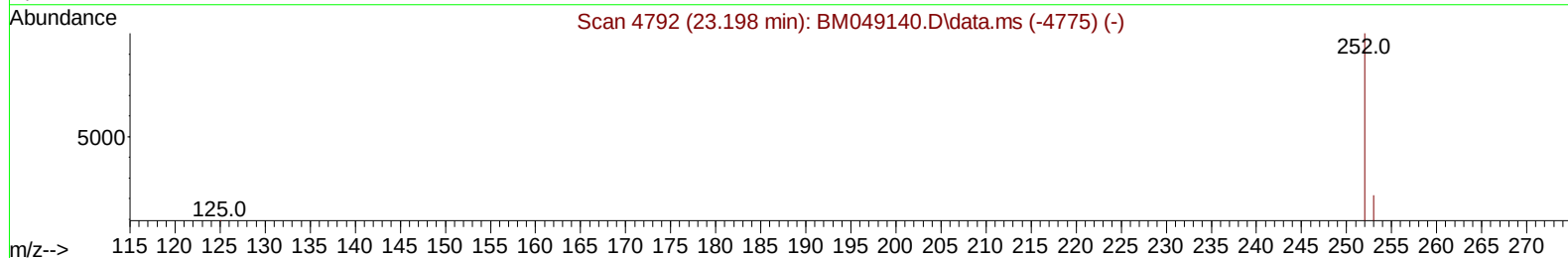
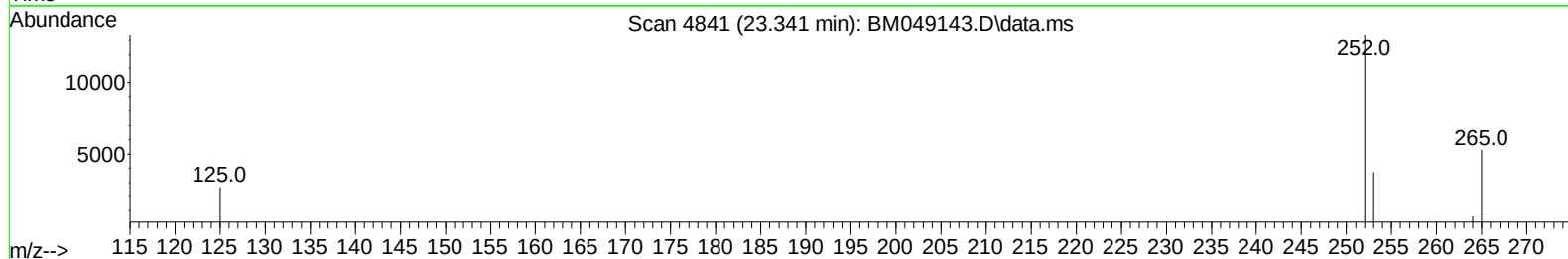
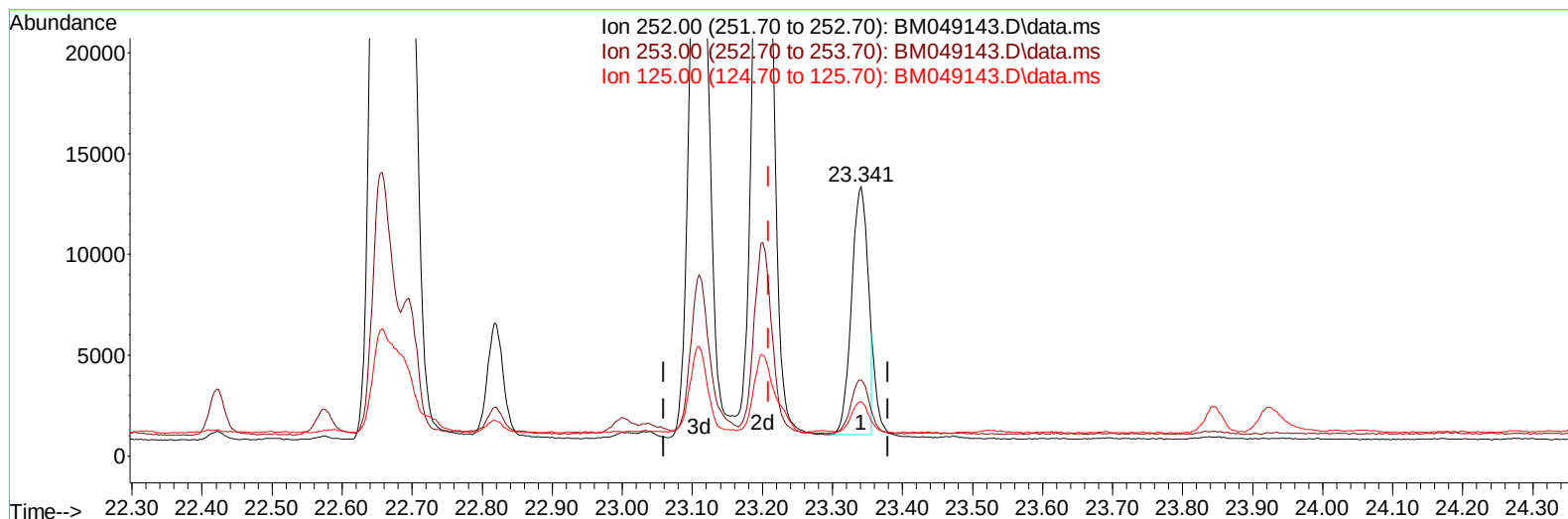
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Data File : BM049143.D
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Operator : RC/JU
Sample : P5265-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z3

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TIC: BM049143.D\data.ms

(26) Benzo(a)pyrene (C)

23.341min (+ 0.132) 0.37 ng/u1

response 19981

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	28.08
125.00	18.50	20.06
0.00	0.00	0.00

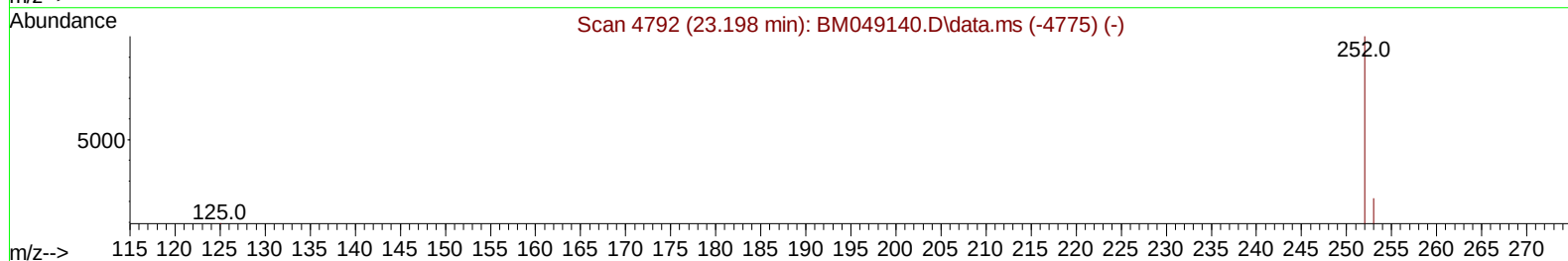
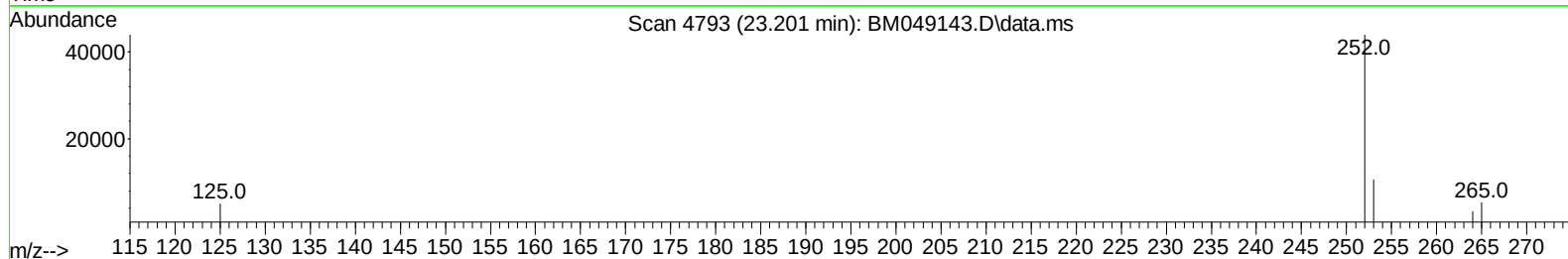
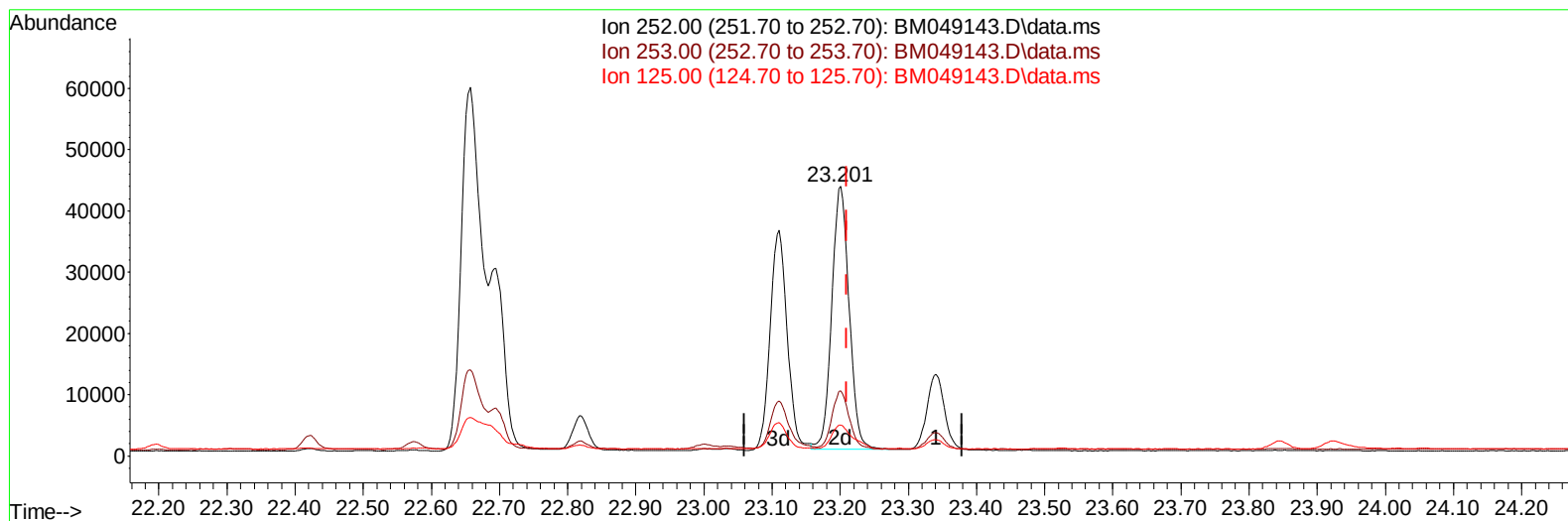
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049143.D
Acq On : 23 Dec 2024 13:13
Operator : RC/JU
Sample : P5265-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z3

Manual IntegrationsAPPROVED

Quant Time: Dec 23 13:41:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 12/26/2024



TIC: BM049143.D\data.ms

(26) Benzo(a)pyrene (C)

23.201min (-0.009) 1.42 ng/ul m

response 75972

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	24.08
125.00	18.50	11.41#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049143.D
 Acq On : 23 Dec 2024 13:13
 Operator : RC/JU
 Sample : P5265-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	5954	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	17487	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.191	164	9766	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	21110	0.400	ng/ul	-0.01
17) Chrysene-d12	21.137	240	17767	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	17463m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	17715	2.580	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	4943	0.210	ng/ul	-0.01
18) Fluoranthene-d10	18.973	212	8735	0.173	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.363	128	5273	0.120	ng/ul	96
7) 2-Methylnaphthalene	11.991	142	3879	0.140	ng/ul	99
8) 1-Methylnaphthalene	12.211	142	3076	0.108	ng/ul	99
10) Acenaphthylene	13.909	152	1206	0.030	ng/ul#	74
11) Acenaphthene	14.251	153	9509	0.322	ng/ul	98
12) Fluorene	15.246	166	5194	0.156	ng/ul#	99
15) Phenanthrene	16.980	178	281090	5.098	ng/ul	98
16) Anthracene	17.068	178	14323	0.283	ng/ul	97
19) Fluoranthene	19.001	202	336329	5.236	ng/ul	99
20) Pyrene	19.368	202	277923	4.057	ng/ul	97
21) Benzo(a)anthracene	21.123	228	68745	1.112	ng/ul	99
22) Chrysene	21.175	228	92863	1.400	ng/ul	99
24) Benzo(b)fluoranthene	22.657	252	121691m	2.181	ng/ul	
25) Benzo(k)fluoranthene	22.695	252	44533m	0.727	ng/ul	
26) Benzo(a)pyrene	23.201	252	75972m	1.420	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.427	276	70710	0.934	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.437	278	12500	0.212	ng/ul	93
29) Benzo(g,h,i)perylene	26.078	276	78652	1.292	ng/ul	97

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

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