

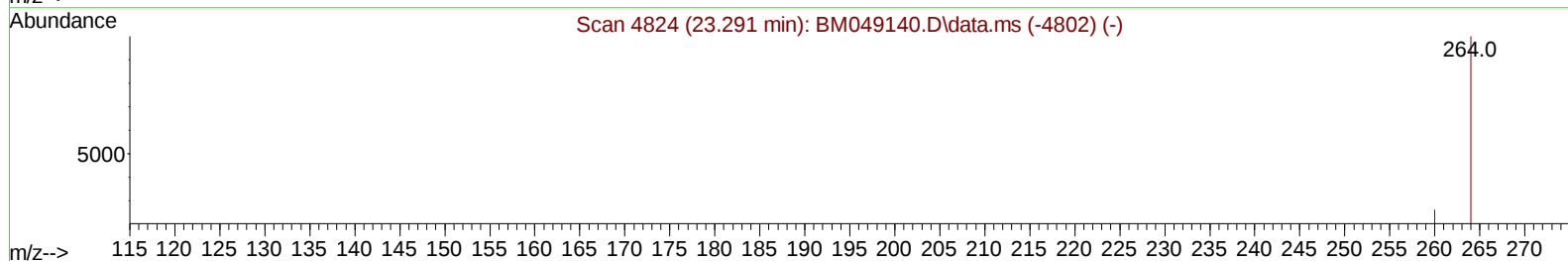
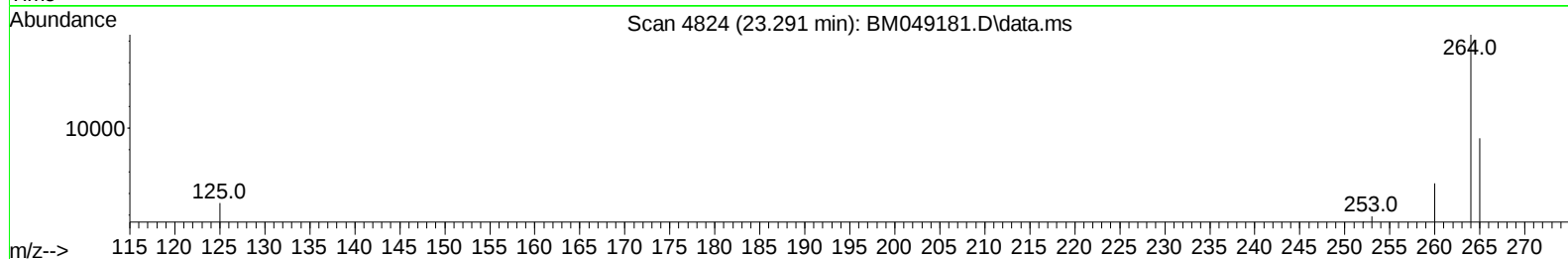
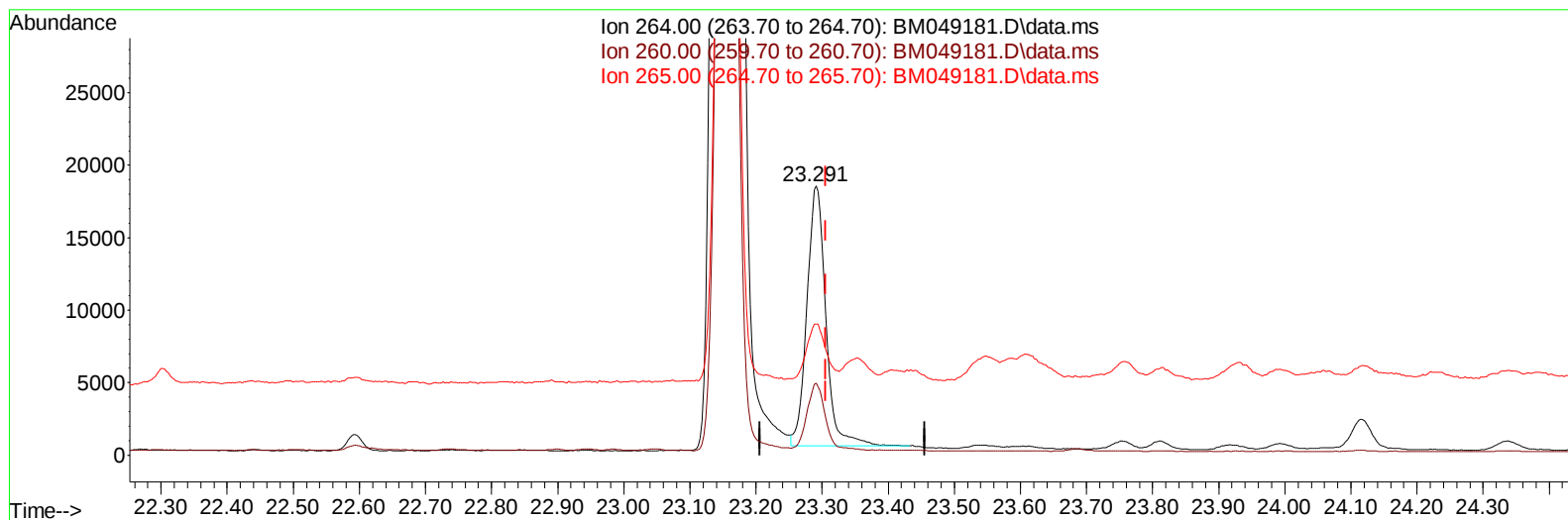
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049181.D
Acq On : 24 Dec 2024 12:57
Operator : RC/JU
Sample : P5333-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2911

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:16 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 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049181.D\data.ms

(23) Perylene-d12 (I)

23.291min (-0.015) 0.40 ng/u1

response 35445

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.67
265.00	78.30	48.80#
0.00	0.00	0.00

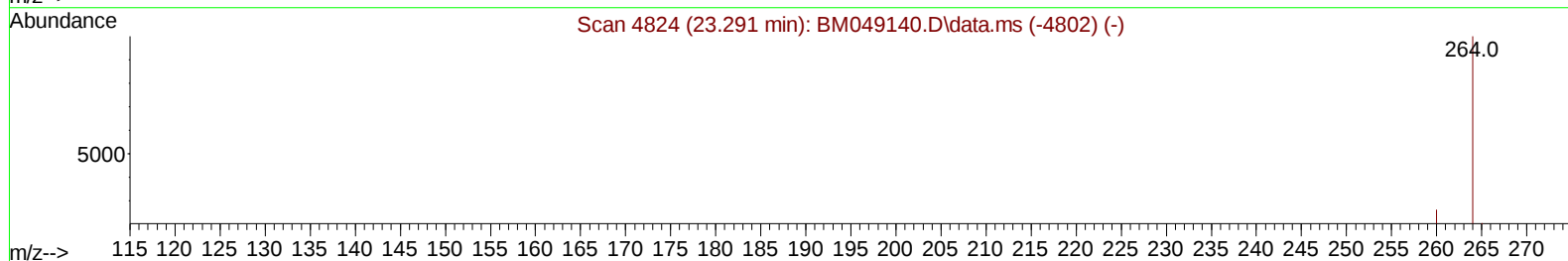
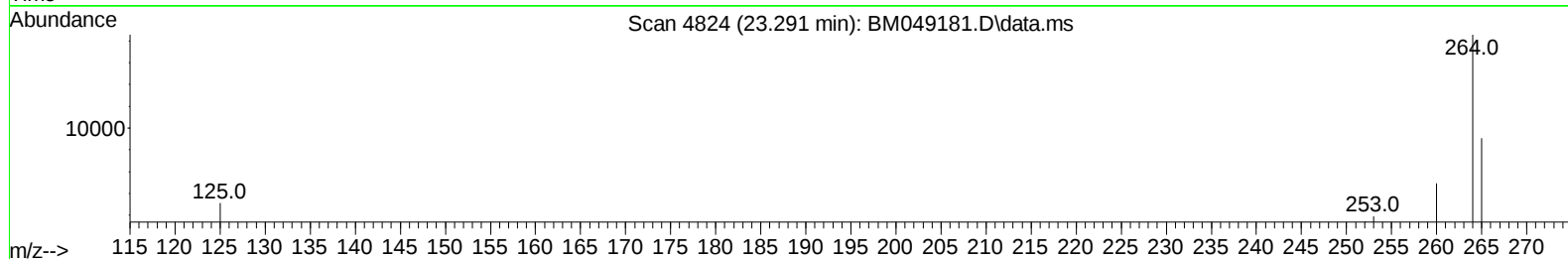
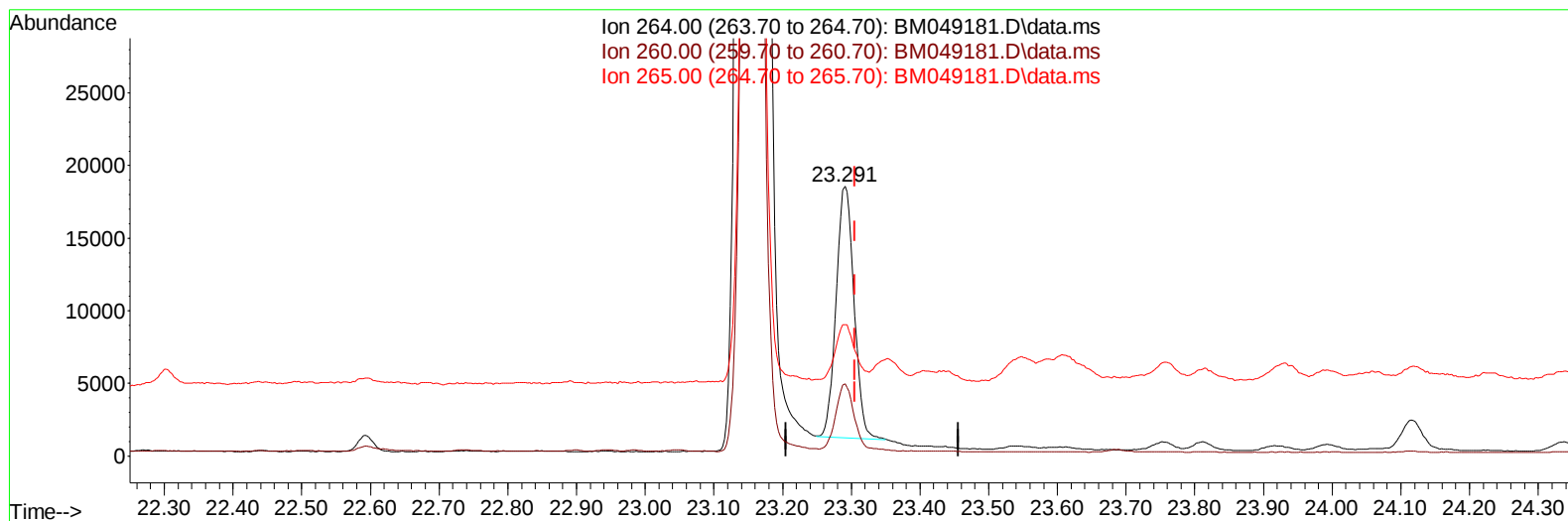
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TIC: BM049181.D\data.ms

(23) Perylene-d12 (I)

23.291min (-0.015) 0.40 ng/ul m

response 31484

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.67
265.00	78.30	48.80#
0.00	0.00	0.00

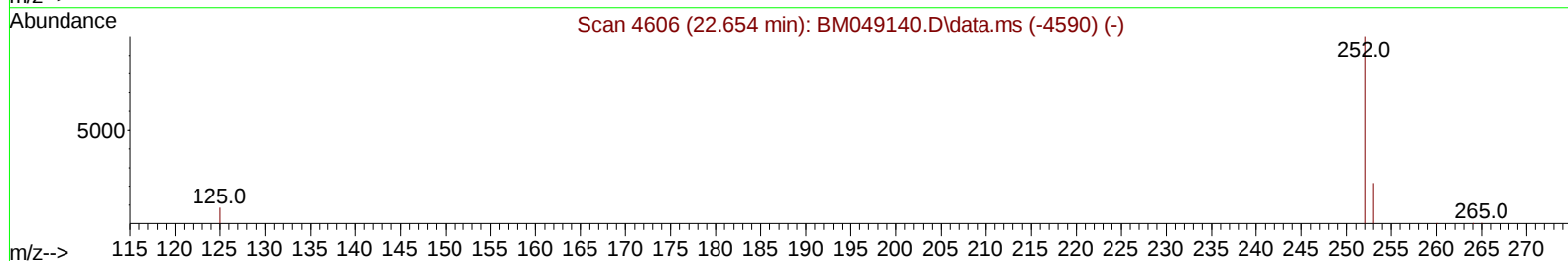
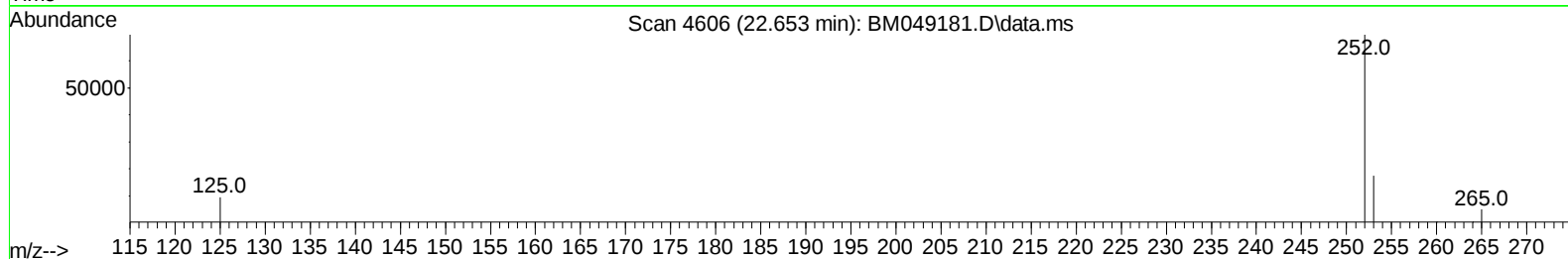
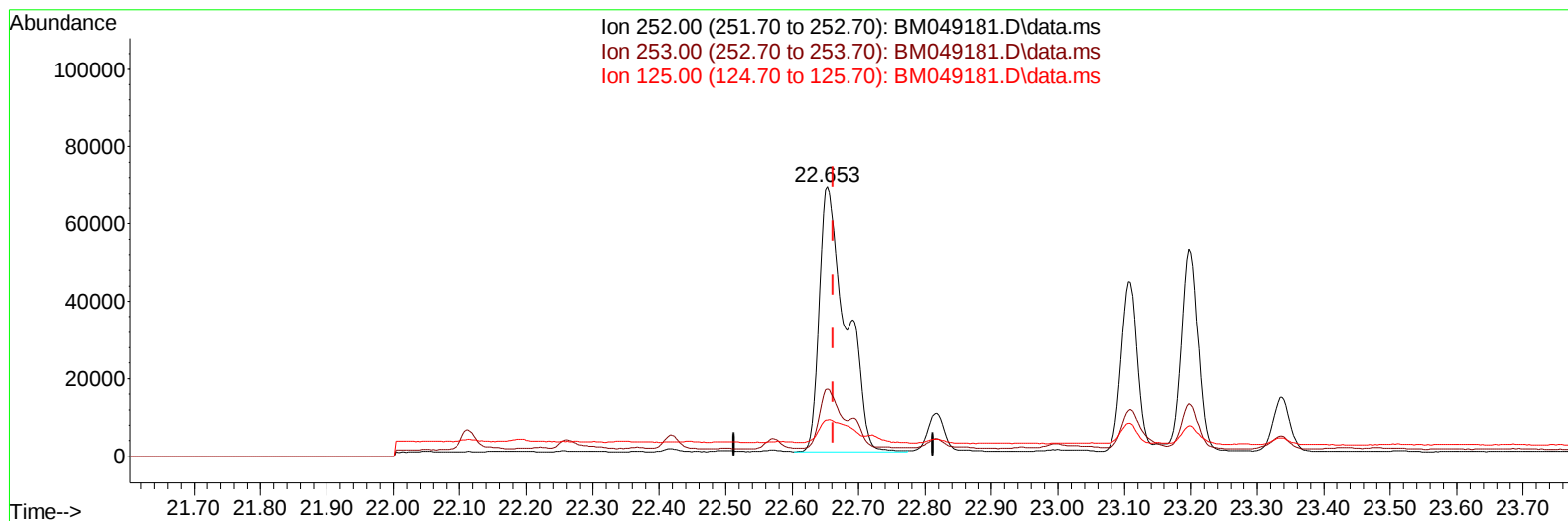
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049181.D
Acq On : 24 Dec 2024 12:57
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TIC: BM049181.D\data.ms

(24) Benzo(b)fluoranthene

22.653min (-0.009) 1.90 ng/u1

response 191170

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	24.97
125.00	15.40	13.45
0.00	0.00	0.00

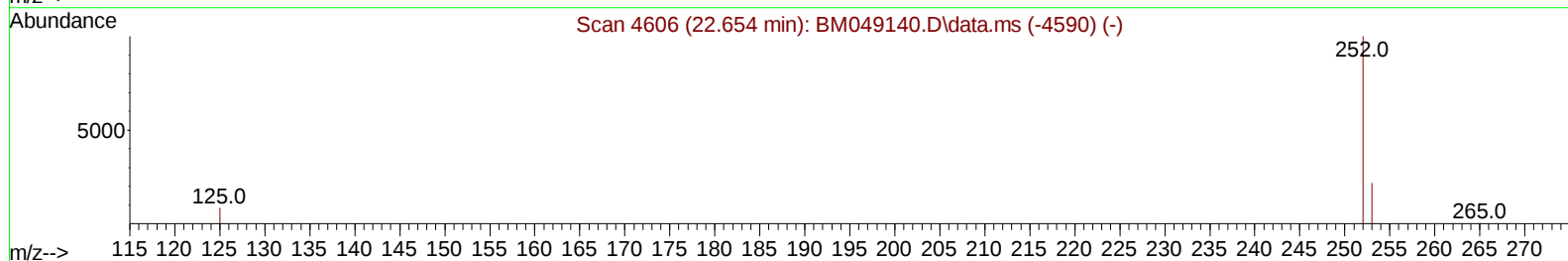
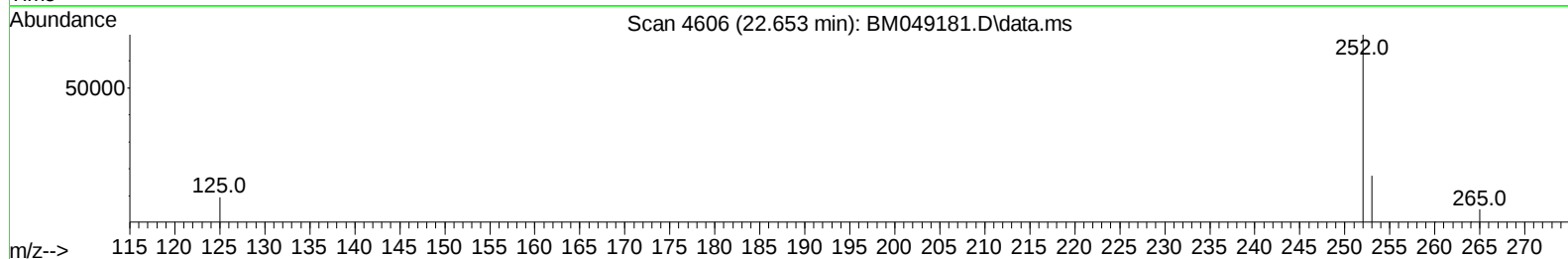
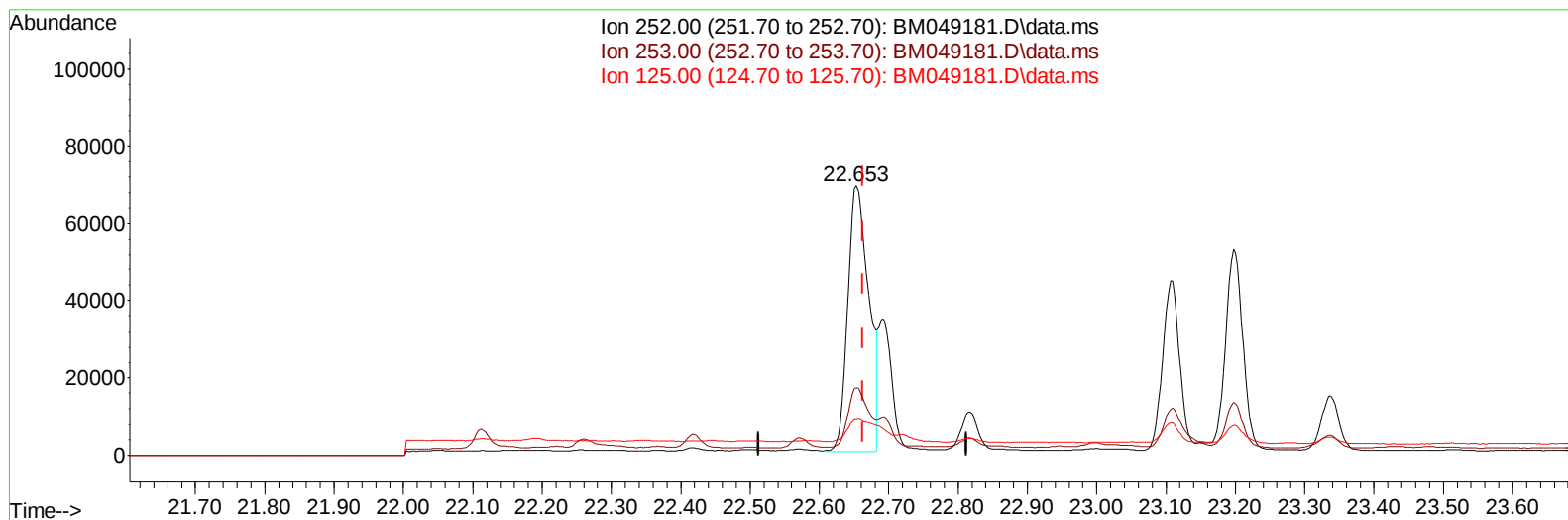
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049181.D
Acq On : 24 Dec 2024 12:57
Operator : RC/JU
Sample : P5333-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM049181.D\data.ms

(24) Benzo(b)fluoranthene

22.653min (-0.009) 1.45 ng/u1 m

response 145675

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	24.97
125.00	15.40	13.45
0.00	0.00	0.00

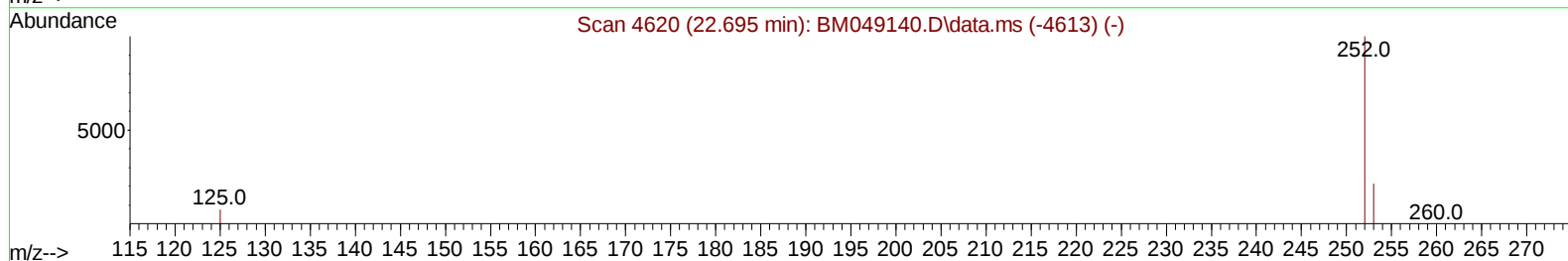
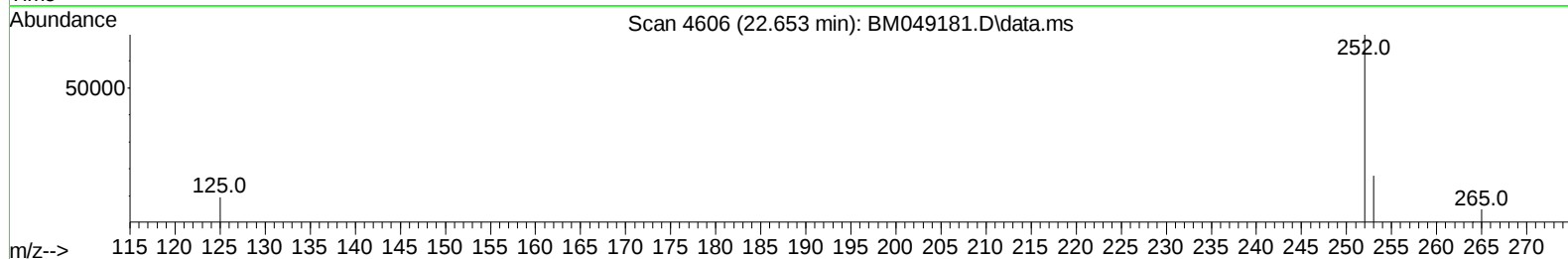
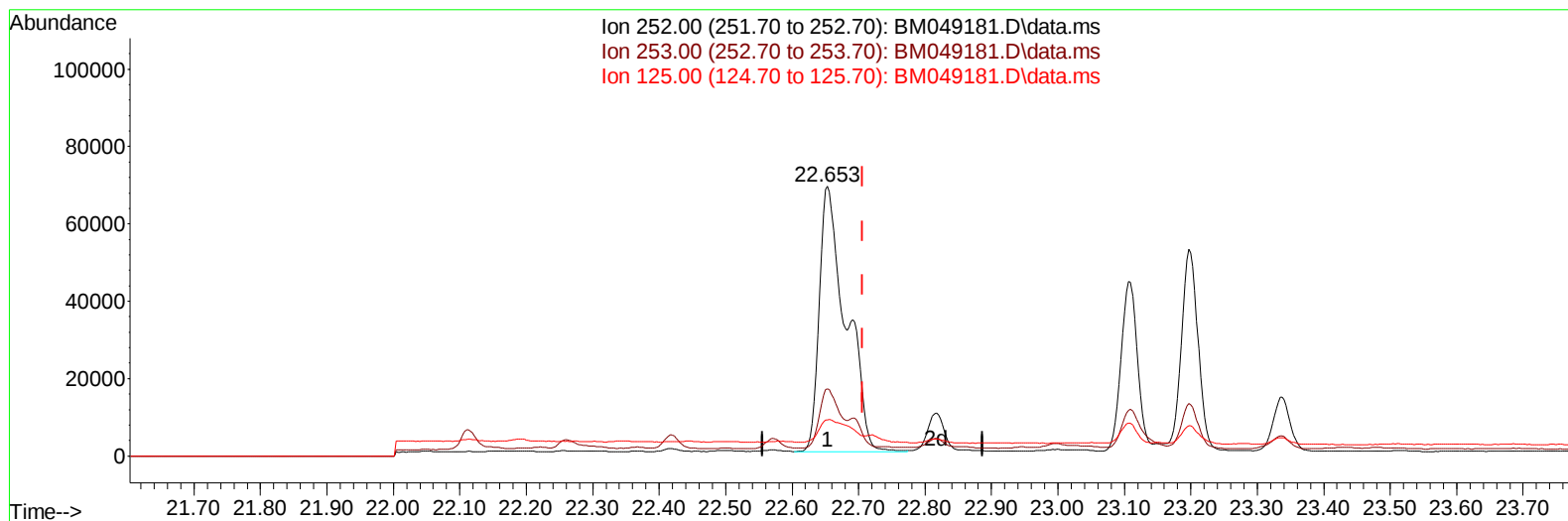
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049181.D
Acq On : 24 Dec 2024 12:57
Operator : RC/JU
Sample : P5333-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2911

Manual IntegrationsAPPROVED

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TIC: BM049181.D\data.ms

(25) Benzo(k)fluoranthene

22.653min (-0.053) 1.73 ng/u1

response 191170

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	24.97
125.00	15.70	13.45
0.00	0.00	0.00

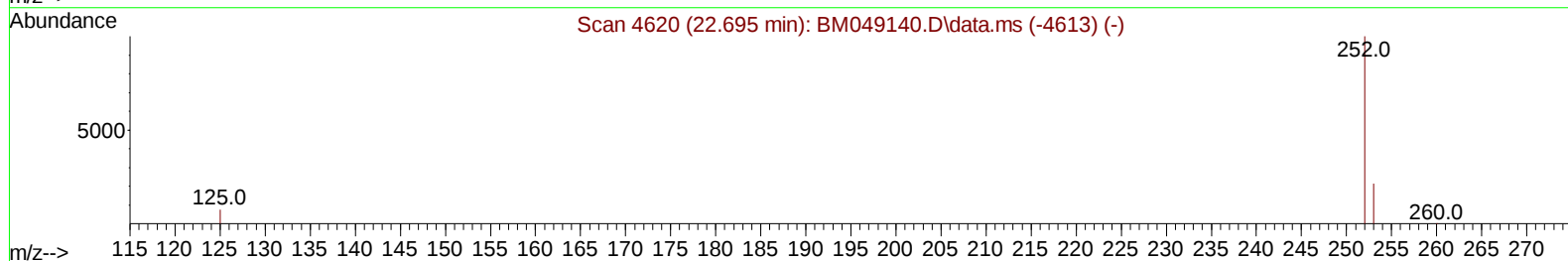
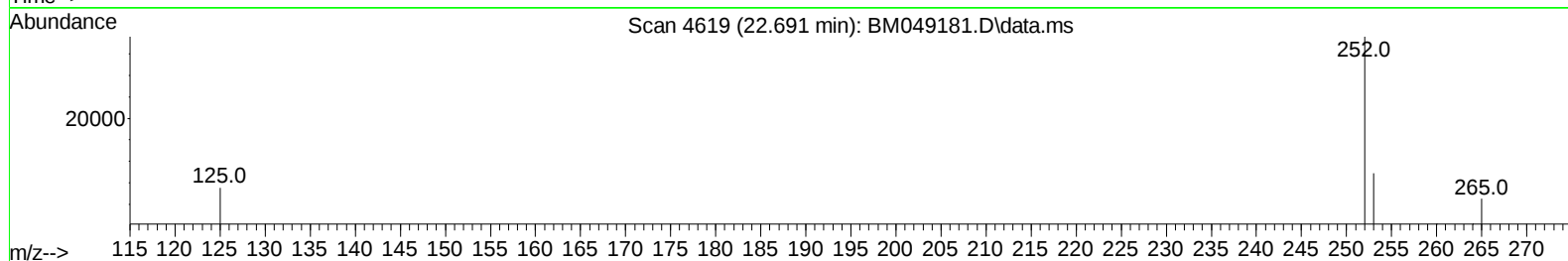
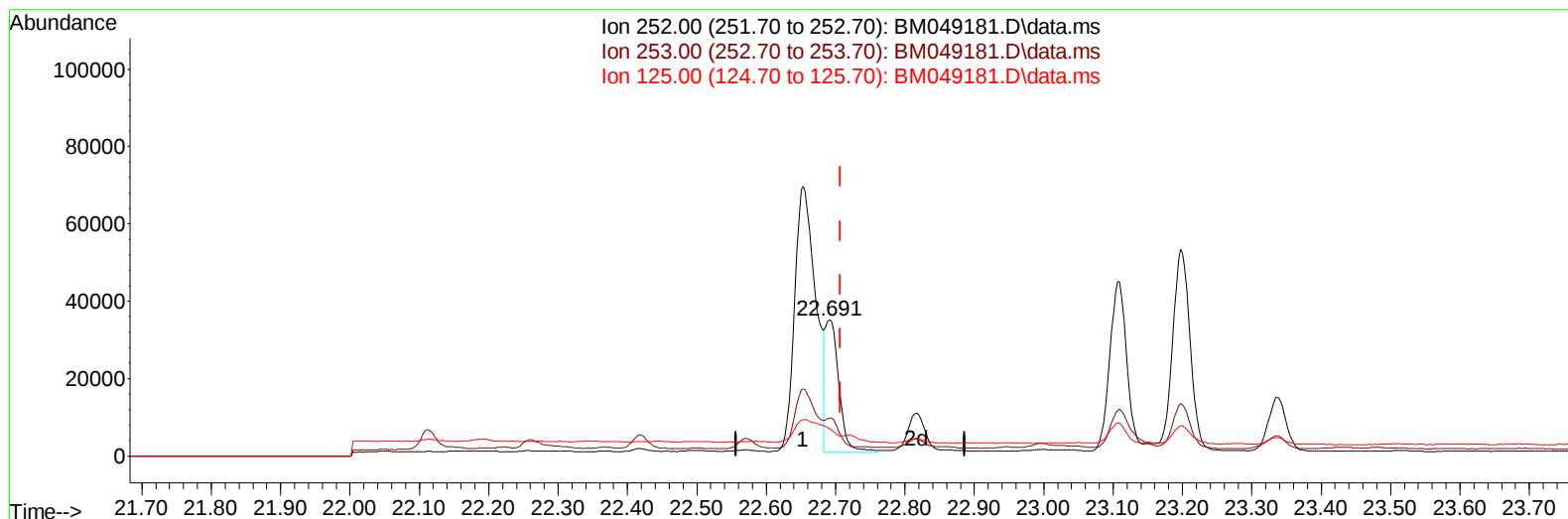
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049181.D
Acq On : 24 Dec 2024 12:57
Operator : RC/JU
Sample : P5333-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2911

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:16 2024
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Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049181.D\data.ms

(25) Benzo(k)fluoranthene

22.691min (-0.015) 0.42 ng/u1 m

response 46602

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	27.89
125.00	15.70	20.08#
0.00	0.00	0.00

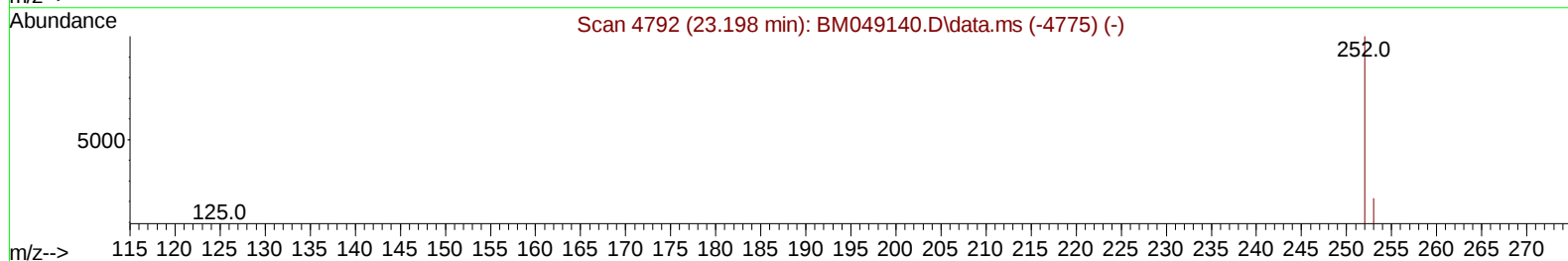
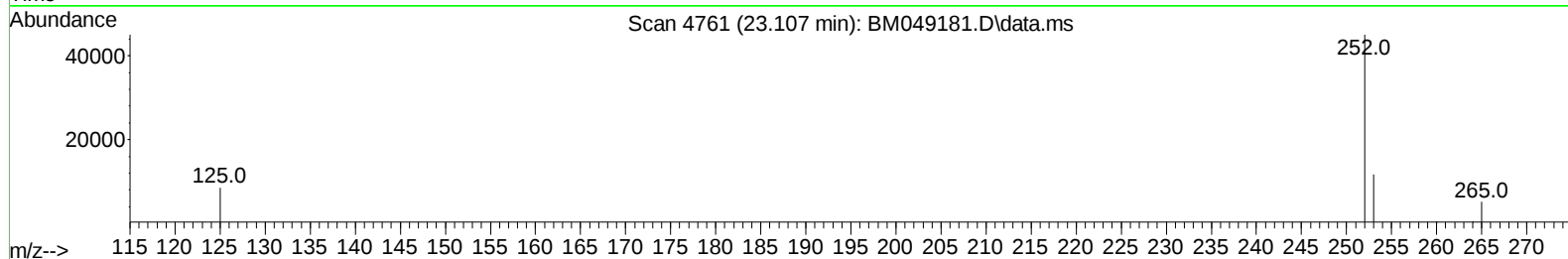
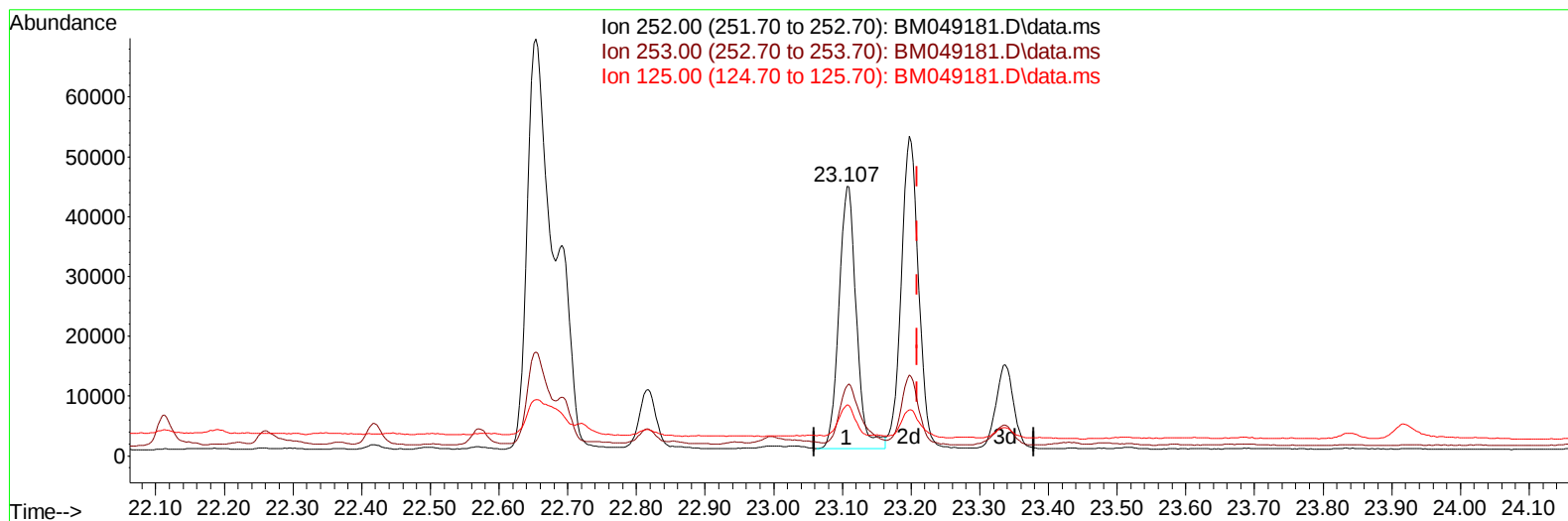
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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Operator : RC/JU
Sample : P5333-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2911

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TIC: BM049181.D\data.ms

(26) Benzo(a)pyrene (C)

23.107min (-0.103) 0.80 ng/u1

response 77324

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	26.04
125.00	18.50	18.97
0.00	0.00	0.00

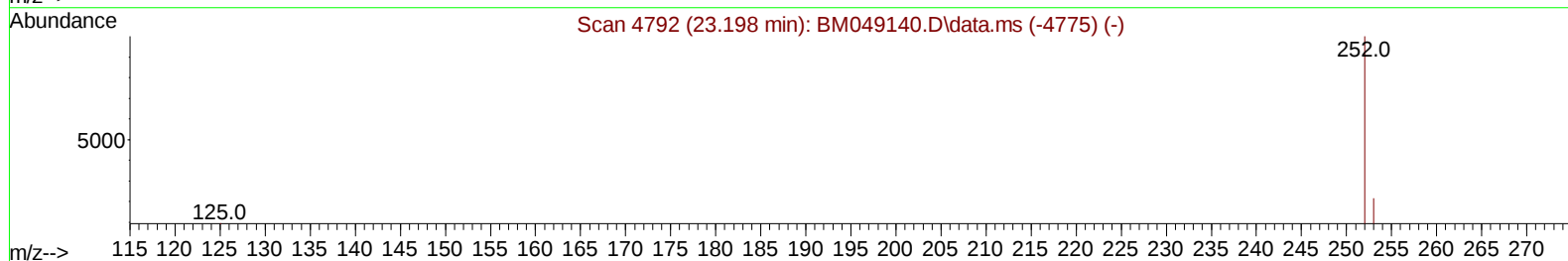
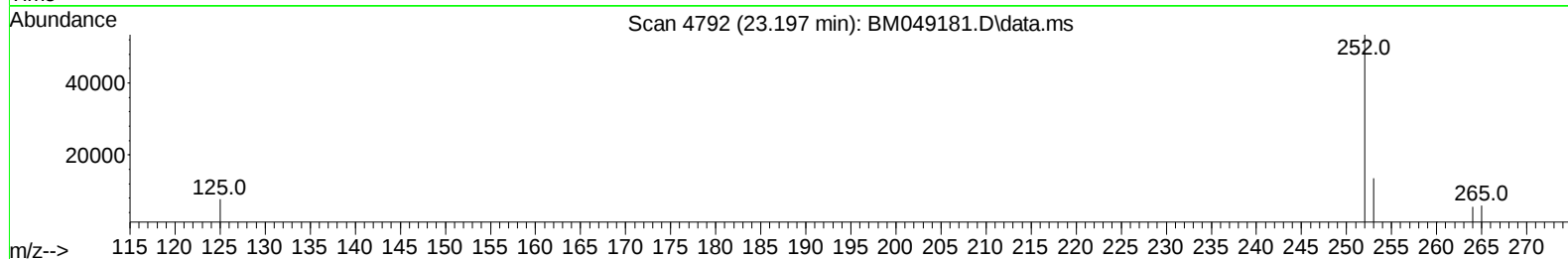
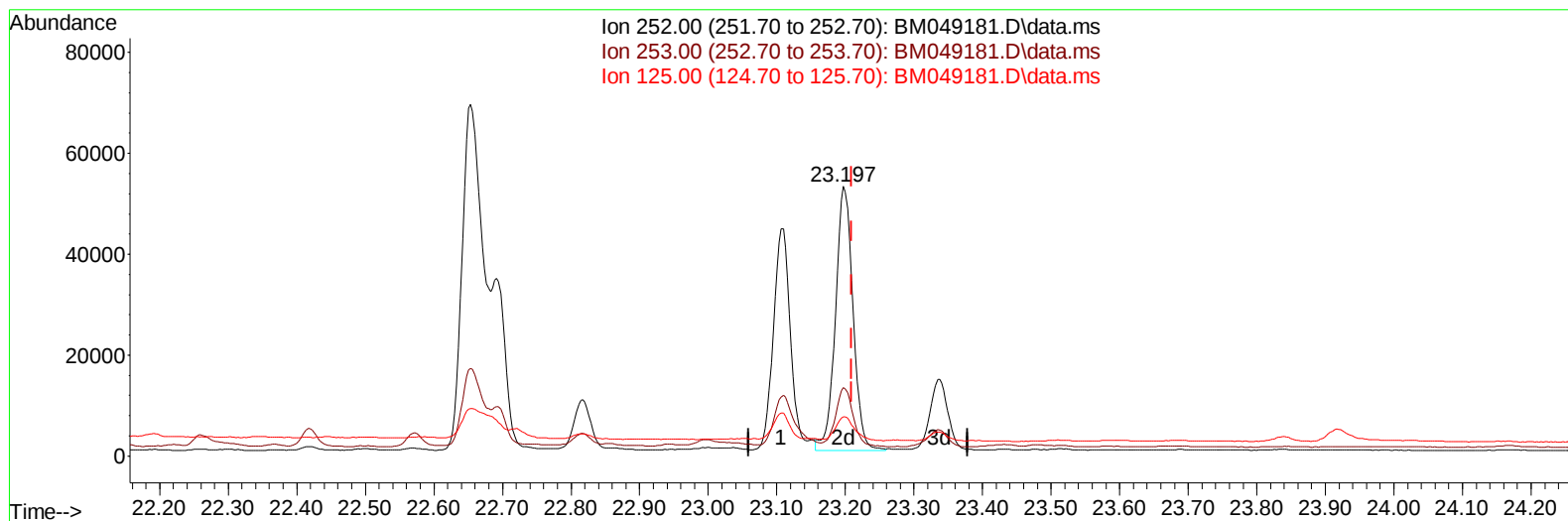
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049181.D
Acq On : 24 Dec 2024 12:57
Operator : RC/JU
Sample : P5333-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2911

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:16 2024
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Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049181.D\data.ms

(26) Benzo(a)pyrene (C)

23.197min (-0.012) 0.97 ng/u1 m

response 93463

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	25.30
125.00	18.50	14.51#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049181.D
 Acq On : 24 Dec 2024 12:57
 Operator : RC/JU
 Sample : P5333-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2911

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	9106	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	29157	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.187	164	16380	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	37125	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	32069	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	31484m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	35340	3.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	7062	0.180	ng/ul	-0.02
18) Fluoranthene-d10	18.969	212	12841	0.141	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	15408	0.211	ng/ul	97
7) 2-Methylnaphthalene	11.981	142	5852	0.127	ng/ul	93
8) 1-Methylnaphthalene	12.207	142	4261	0.090	ng/ul	91
10) Acenaphthylene	13.901	152	7989	0.118	ng/ul#	79
11) Acenaphthene	14.248	153	5227	0.105	ng/ul	98
12) Fluorene	15.242	166	8372	0.150	ng/ul#	99
15) Phenanthrene	16.976	178	137968	1.423	ng/ul	98
16) Anthracene	17.065	178	28896	0.325	ng/ul	98
19) Fluoranthene	19.002	202	243280	2.098	ng/ul	99
20) Pyrene	19.364	202	207797	1.680	ng/ul	99
21) Benzo(a)anthracene	21.122	228	106144	0.952	ng/ul	97
22) Chrysene	21.172	228	112504	0.940	ng/ul	97
24) Benzo(b)fluoranthene	22.653	252	145675m	1.448	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	46602m	0.422	ng/ul	
26) Benzo(a)pyrene	23.197	252	93463m	0.969	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.427	276	71526	0.524	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.430	278	17642	0.166	ng/ul#	78
29) Benzo(g,h,i)perylene	26.074	276	80630	0.734	ng/ul	100

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

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