

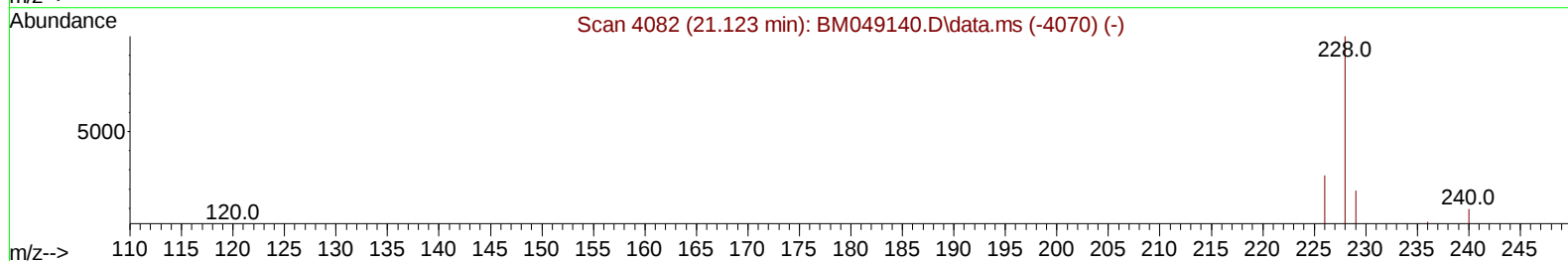
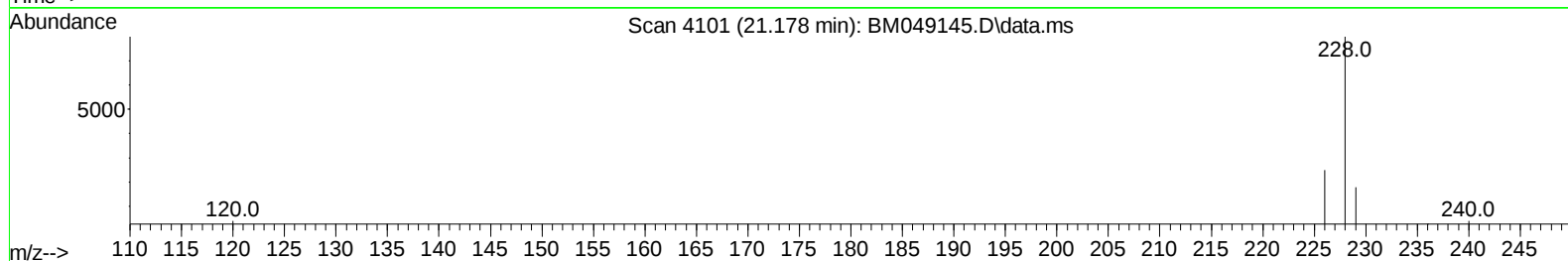
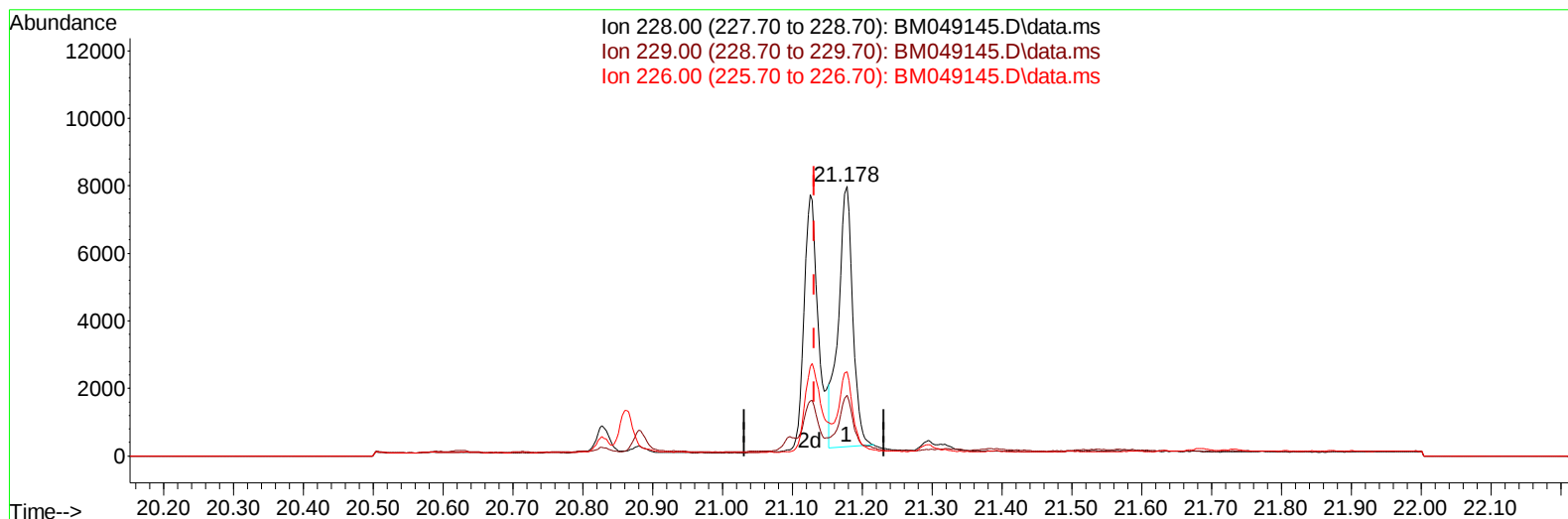
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049145.D
Acq On : 23 Dec 2024 14:24
Operator : RC/JU
Sample : P5226-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AN6DL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 14:55:04 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: BM049145.D\data.ms

(21) Benzo(a)anthracene

21.178min (+ 0.046) 0.16 ng/u1

response 11131

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	22.62
226.00	28.30	31.28
0.00	0.00	0.00

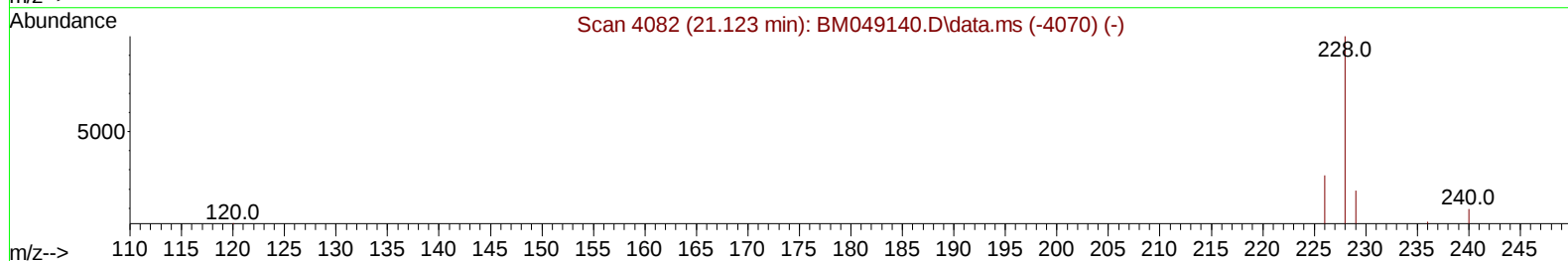
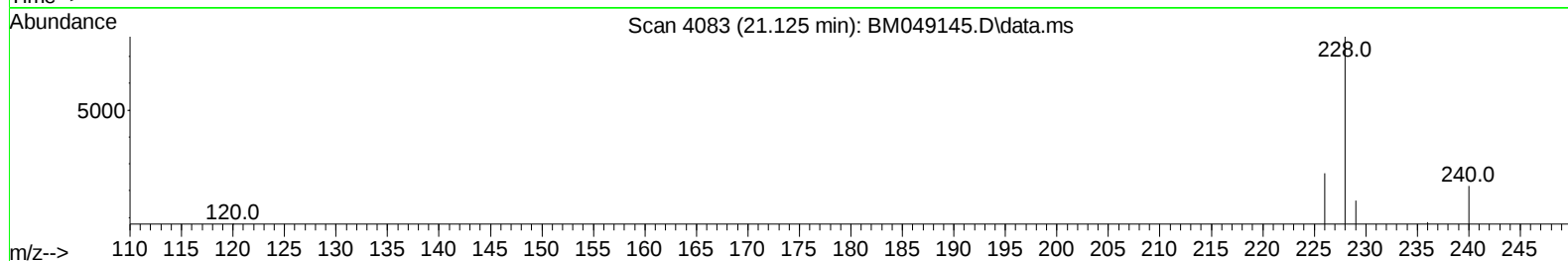
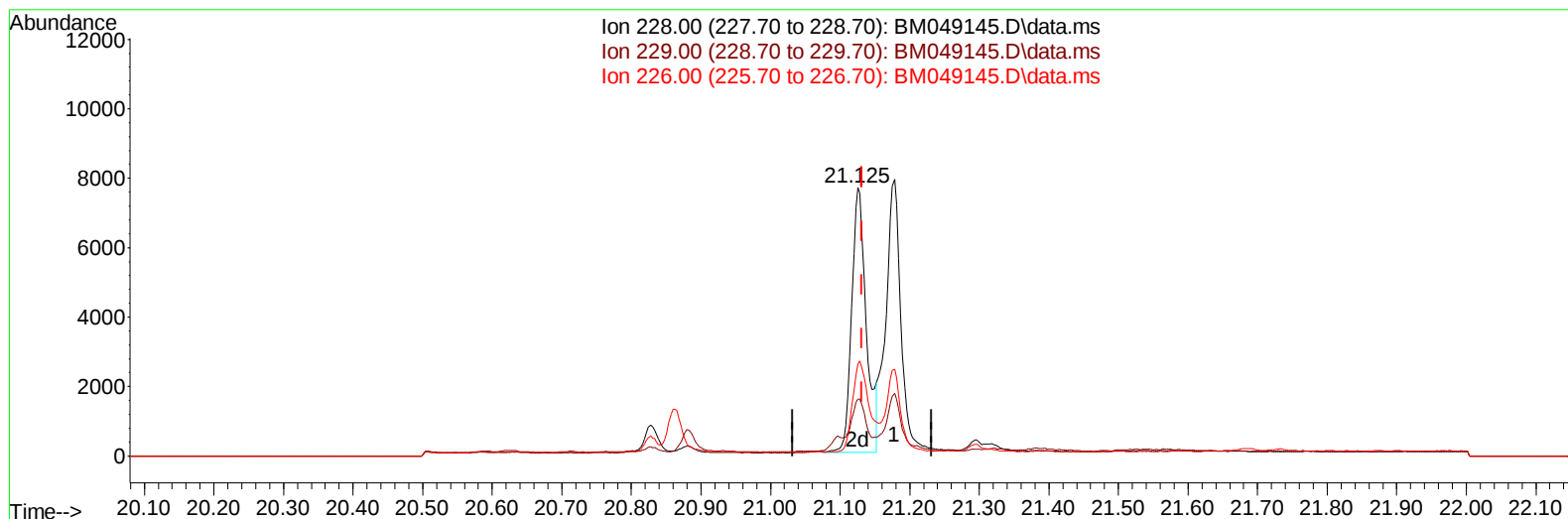
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Instrument :
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ClientSampleId :
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TIC: BM049145.D\data.ms

(21) Benzo(a)anthracene

21.125min (-0.006) 0.16 ng/ul m

response 11118

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	21.17
226.00	28.30	34.09#
0.00	0.00	0.00

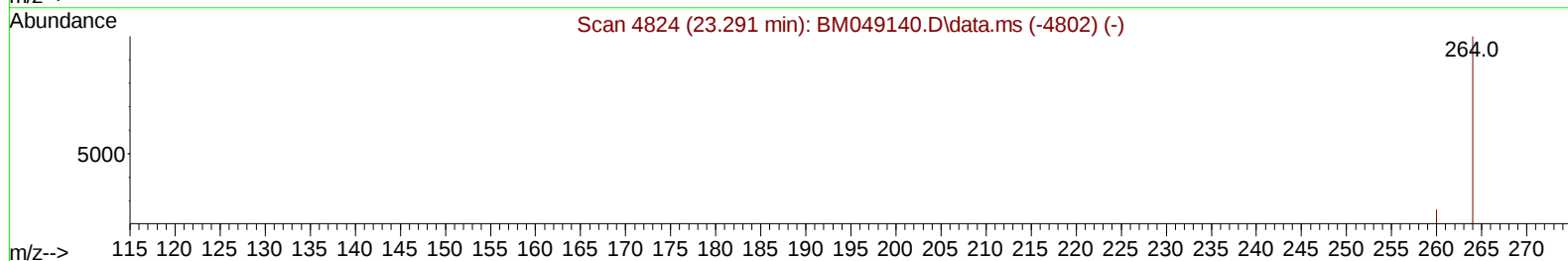
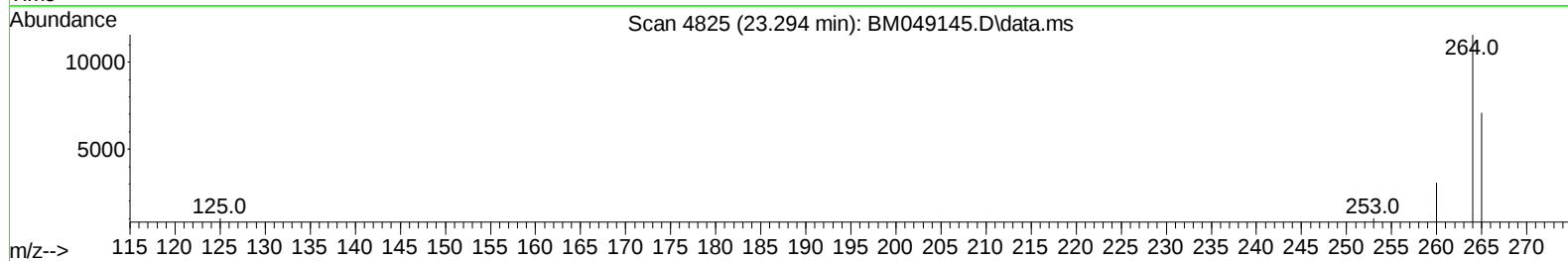
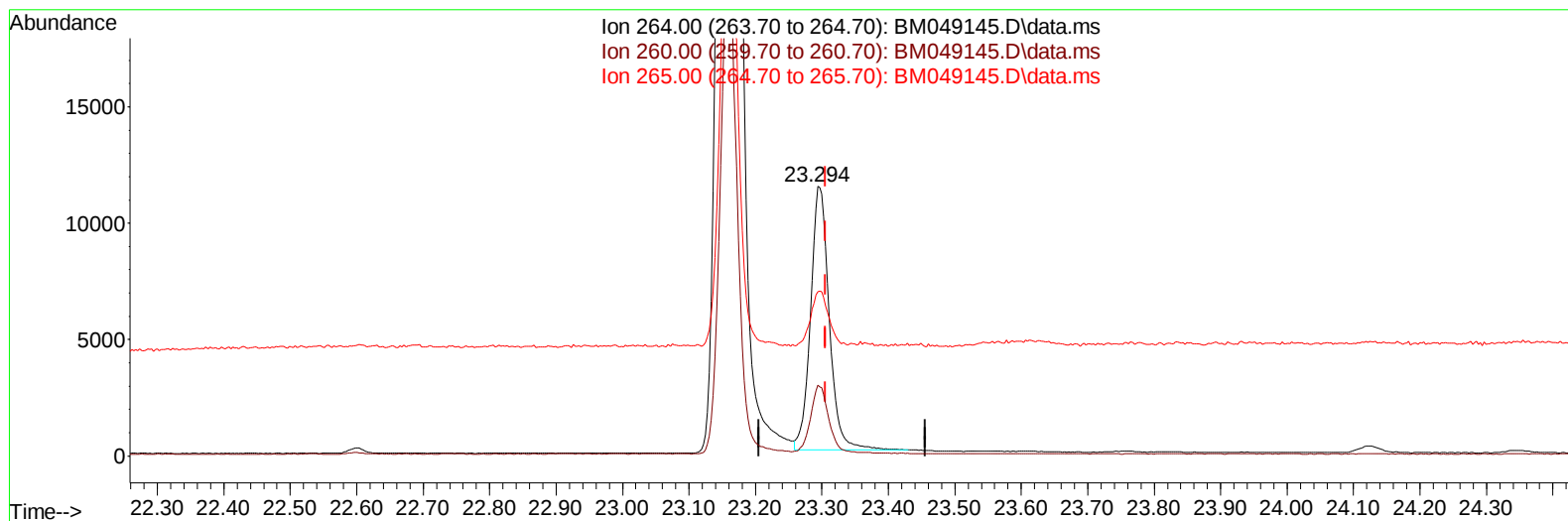
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ClientSampleId :
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(23) Perylene-d12 (I)

23.294min (-0.012) 0.40 ng/u1

response 22338

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.38
265.00	78.30	61.07#
0.00	0.00	0.00

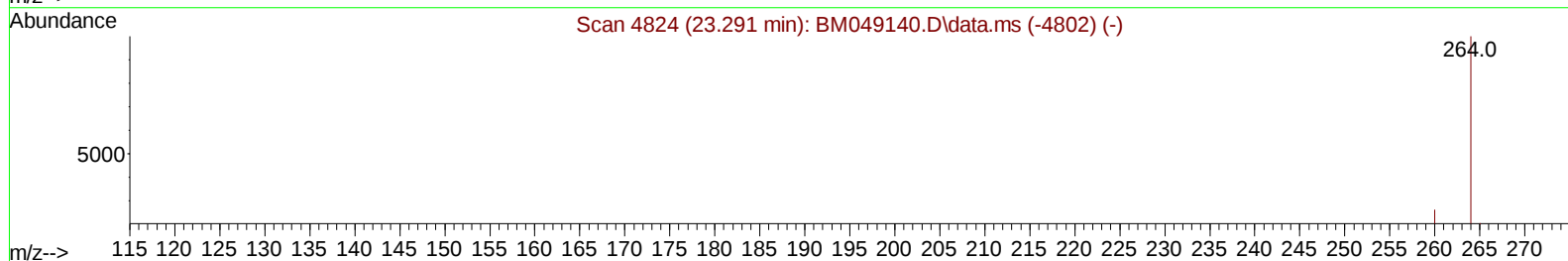
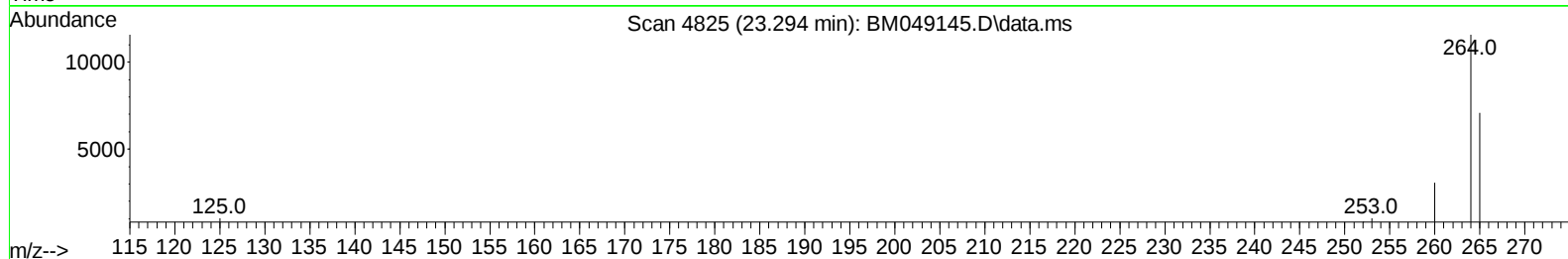
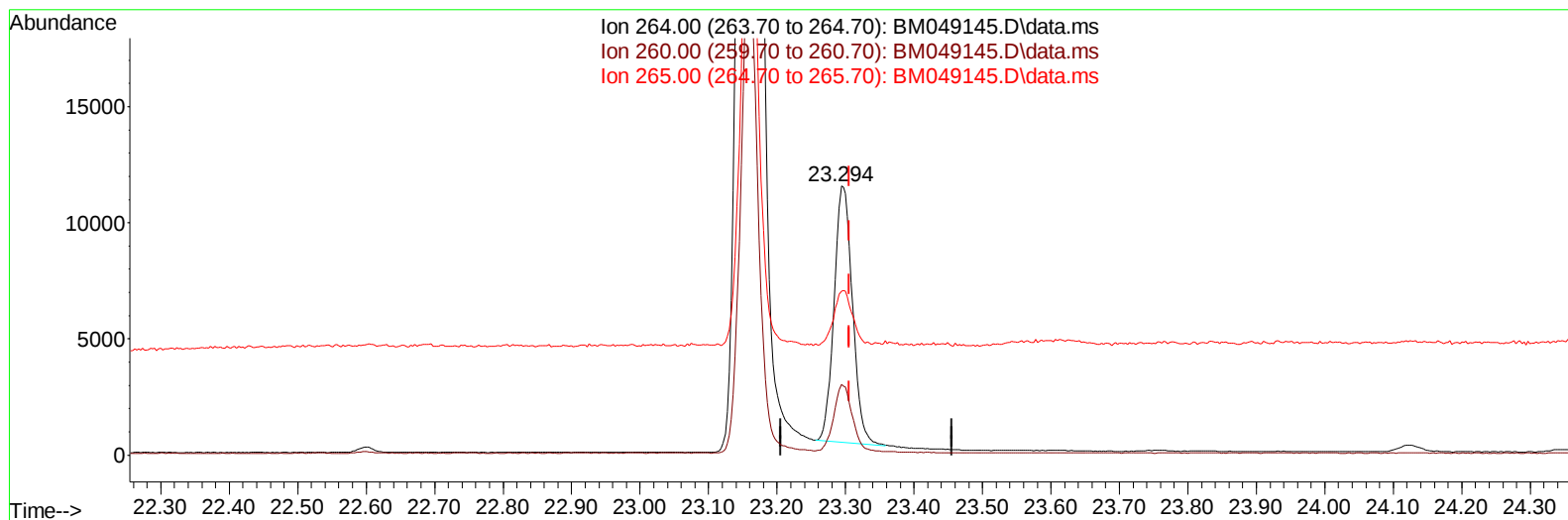
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049145.D
Acq On : 23 Dec 2024 14:24
Operator : RC/JU
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AN6DL

Manual IntegrationsAPPROVED

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TIC: BM049145.D\data.ms

(23) Perylene-d12 (I)

23.294min (-0.012) 0.40 ng/ul m

response 20466

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.38
265.00	78.30	61.07#
0.00	0.00	0.00

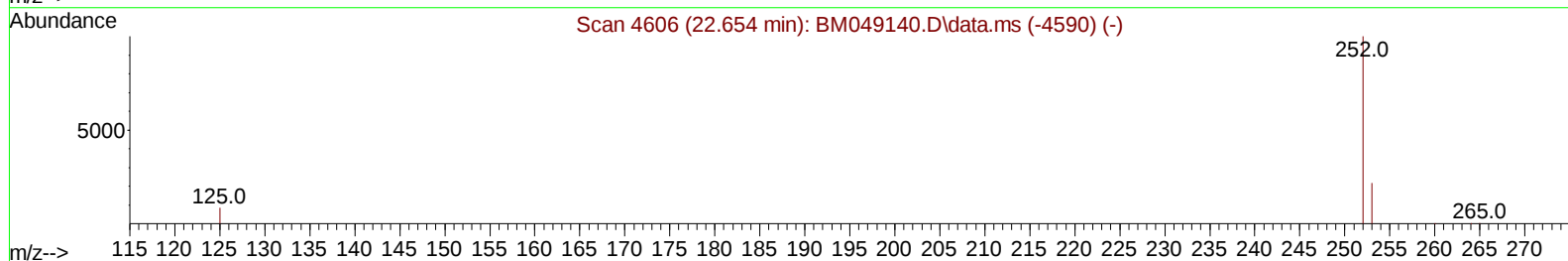
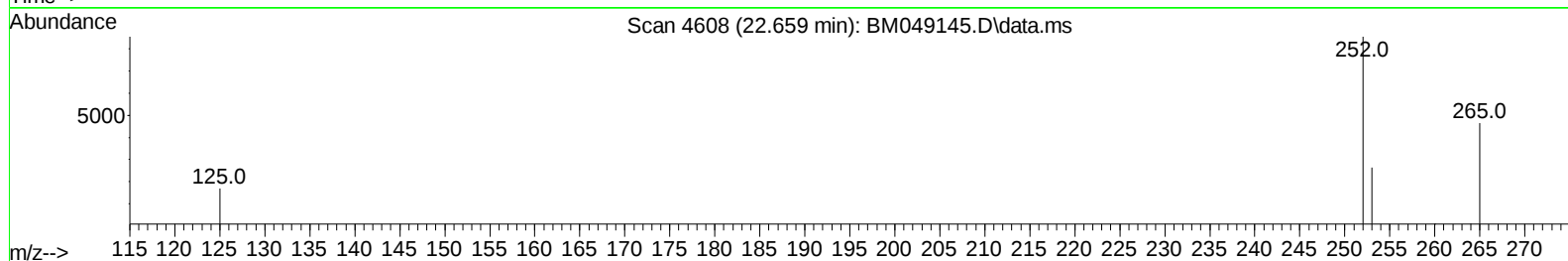
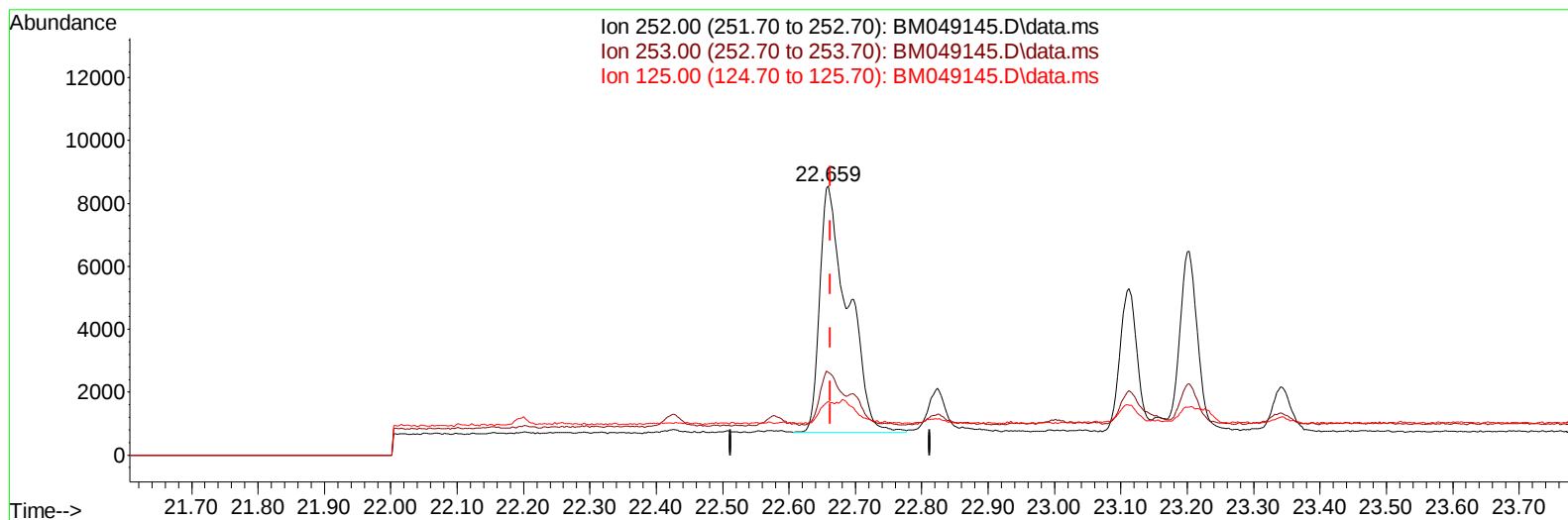
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049145.D
Acq On : 23 Dec 2024 14:24
Operator : RC/JU
Sample : P5226-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM049145.D\data.ms

(24) Benzo(b)fluoranthene

22.659min (-0.003) 0.35 ng/u1

response 22930

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	30.88
125.00	15.40	19.92
0.00	0.00	0.00

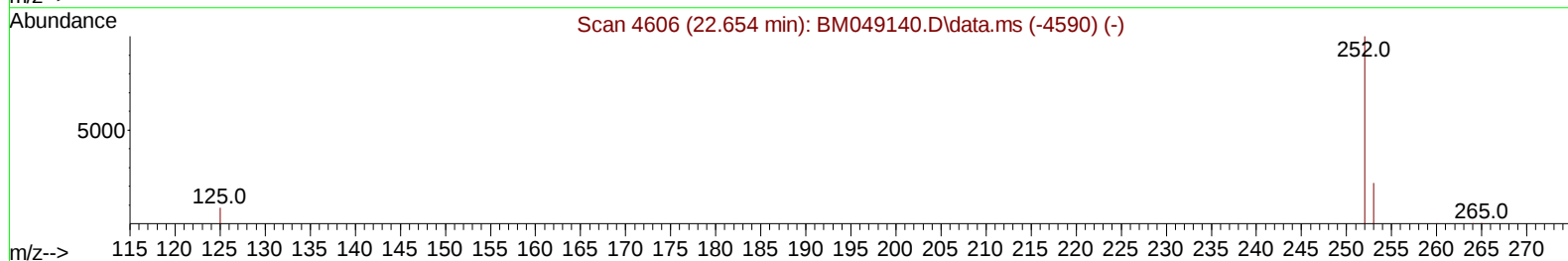
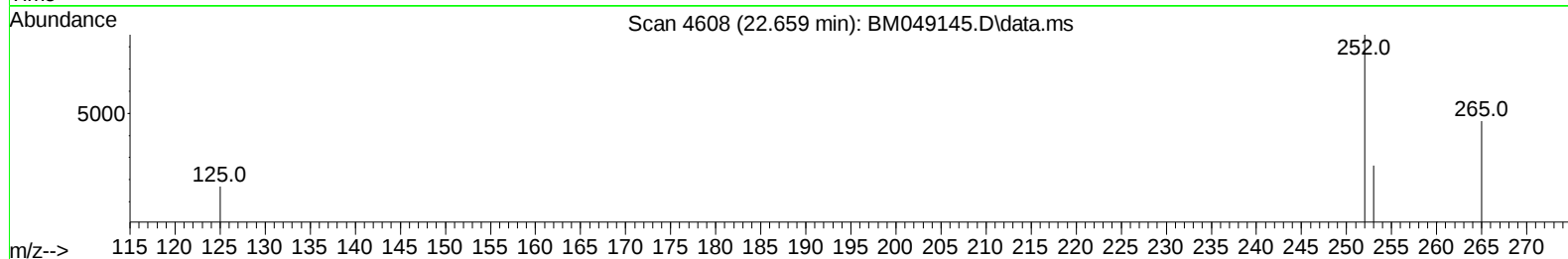
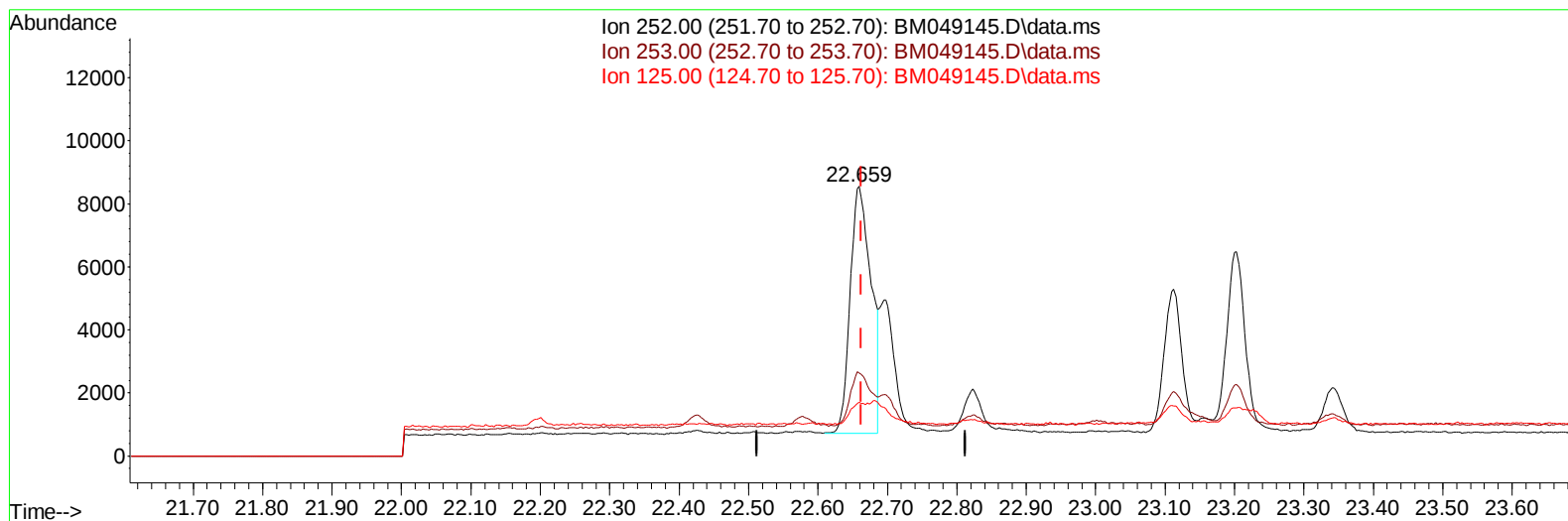
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049145.D
Acq On : 23 Dec 2024 14:24
Operator : RC/JU
Sample : P5226-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AN6DL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 14:55:04 2024
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TIC: BM049145.D\data.ms

(24) Benzo(b)fluoranthene

22.659min (-0.003) 0.25 ng/u1 m

response 16330

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	30.88
125.00	15.40	19.92
0.00	0.00	0.00

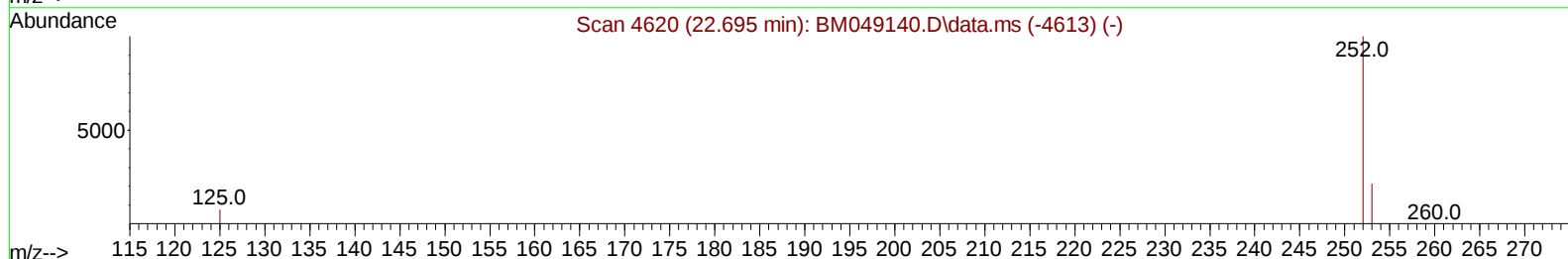
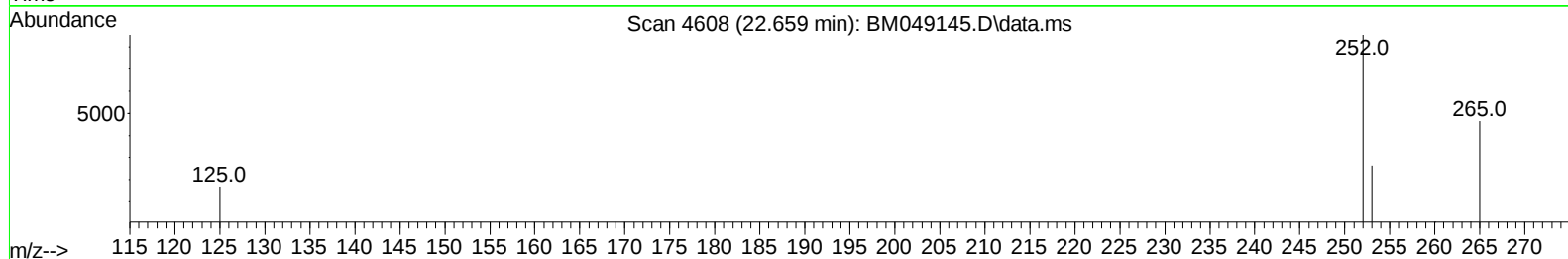
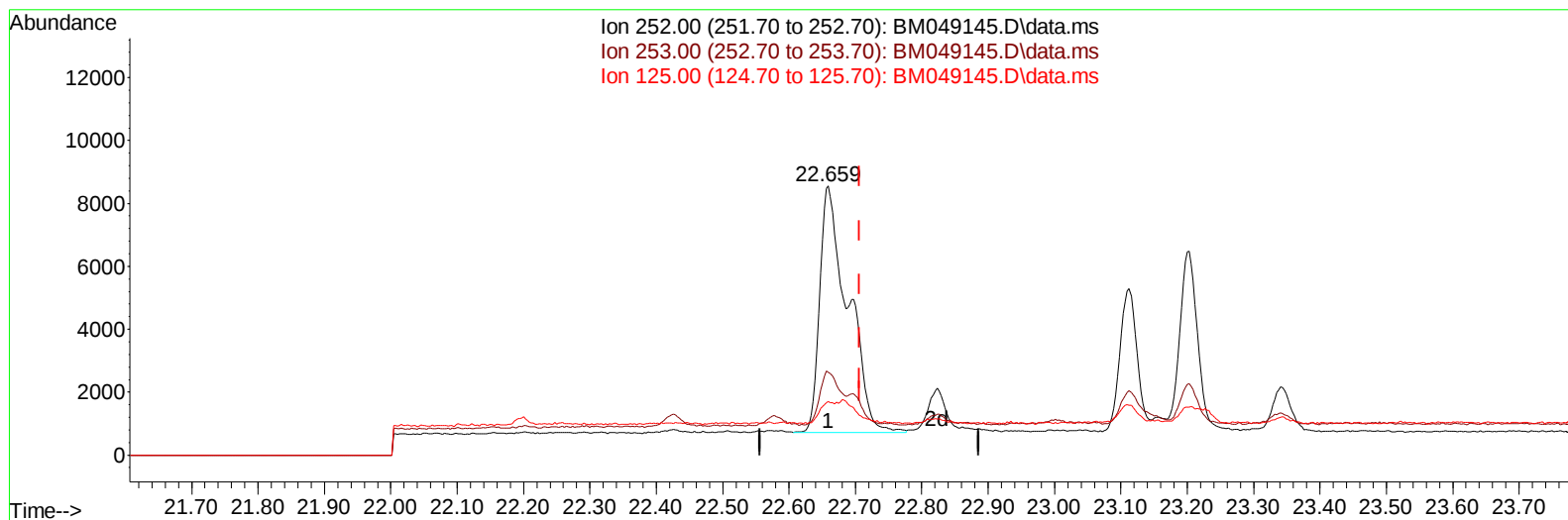
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Instrument :
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TIC: BM049145.D\data.ms

(25) Benzo(k)fluoranthene

22.659min (-0.047) 0.32 ng/u1

response 22930

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	30.88
125.00	15.70	19.92#
0.00	0.00	0.00

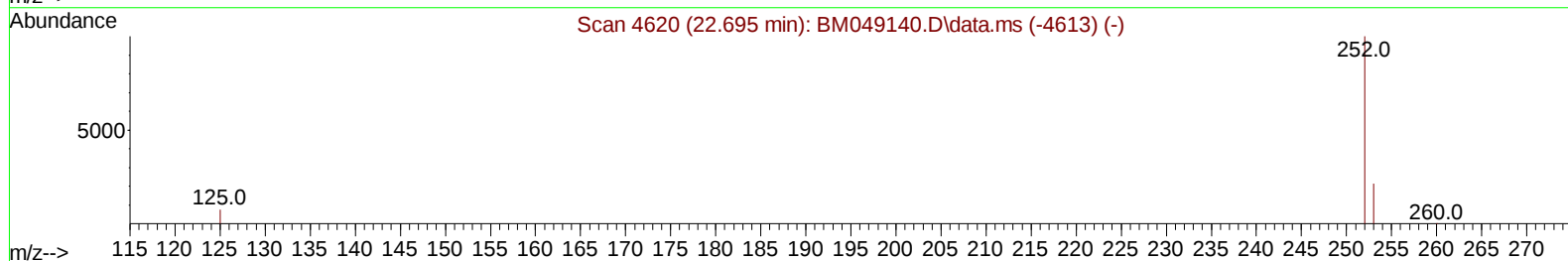
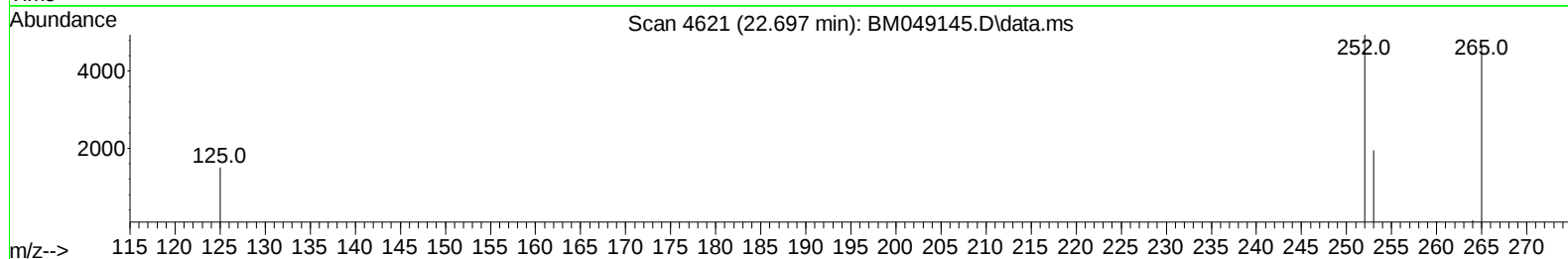
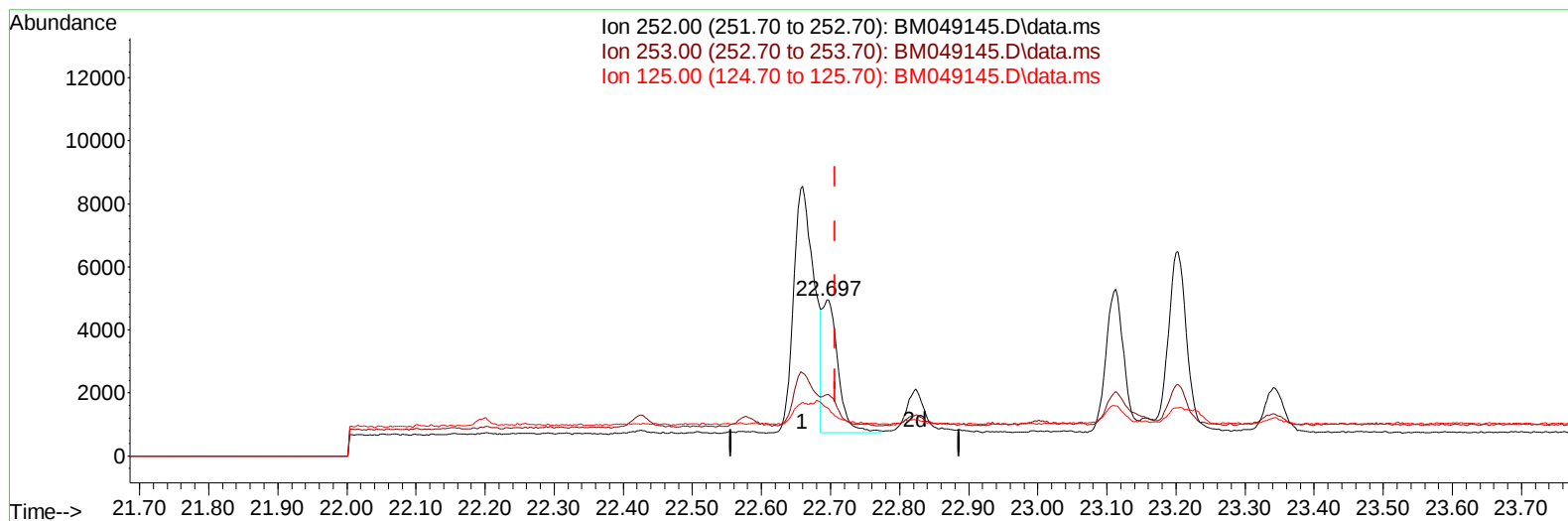
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049145.D
Acq On : 23 Dec 2024 14:24
Operator : RC/JU
Sample : P5226-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AN6DL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 14:55:04 2024
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Supervised By :mohammad ahmed 12/26/2024



TIC: BM049145.D\data.ms

(25) Benzo(k)fluoranthene

22.697min (-0.009) 0.09 ng/u1 m

response 6603

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	39.22#
125.00	15.70	30.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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 Acq On : 23 Dec 2024 14:24
 Operator : RC/JU
 Sample : P5226-11DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AN6DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.556	152		6884	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.315	136		20107	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.192	164		11534	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188		24019	0.400	ng/ul	-0.01
17) Chrysene-d12	21.143	240		20156	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264		20466m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.147	96		5518	0.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152		1068	0.040	ng/ul	0.00
18) Fluoranthene-d10	18.974	212		2195	0.038	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.905	152		3309	0.069	ng/ul#	93
15) Phenanthrene	16.981	178		9490	0.151	ng/ul	98
16) Anthracene	17.070	178		1678	0.029	ng/ul#	82
19) Fluoranthene	19.002	202		29415	0.404	ng/ul	100
20) Pyrene	19.365	202		25122	0.323	ng/ul	99
21) Benzo(a)anthracene	21.125	228		11118m	0.159	ng/ul	
22) Chrysene	21.178	228		11766	0.156	ng/ul	96
24) Benzo(b)fluoranthene	22.659	252		16330m	0.250	ng/ul	
25) Benzo(k)fluoranthene	22.697	252		6603m	0.092	ng/ul	
26) Benzo(a)pyrene	23.203	252		10595	0.169	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.430	276		8654	0.098	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.440	278		1832	0.027	ng/ul#	30
29) Benzo(g,h,i)perylene	26.077	276		8545	0.120	ng/ul	92

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

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