

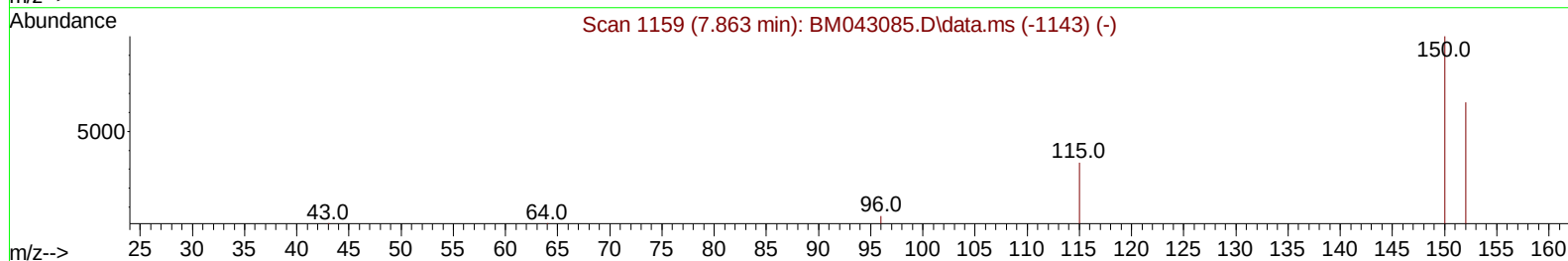
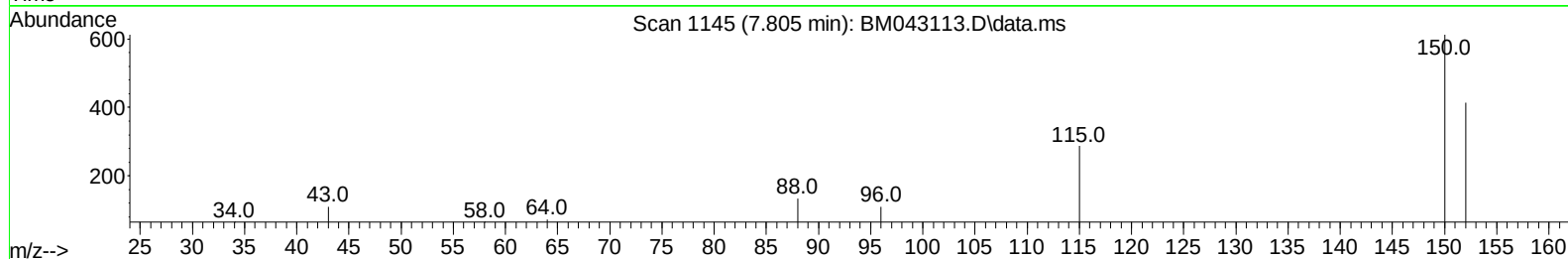
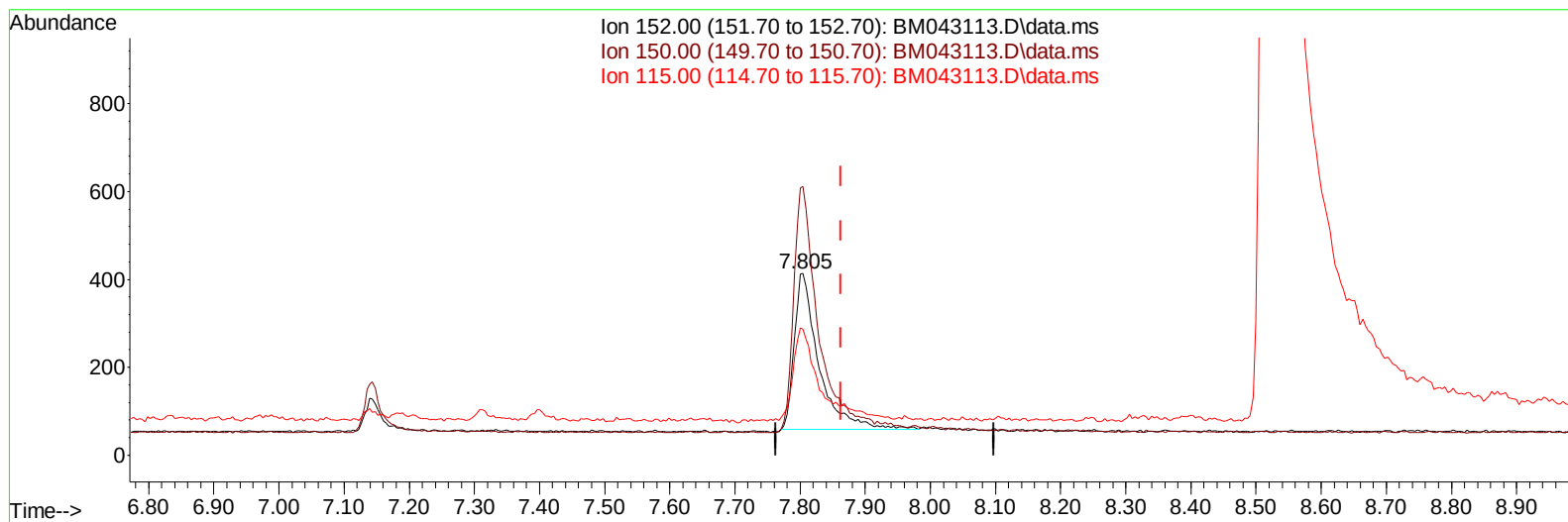
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043113.D
Acq On : 01 Dec 2023 08:46
Operator : MA/JU
Sample : 05459-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ8

Manual IntegrationsAPPROVED

Quant Time: Dec 01 23:17:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BM043113.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.805min (-0.058) 0.40 ng/u1

response 926

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	147.83
115.00	89.60	69.32#
0.00	0.00	0.00

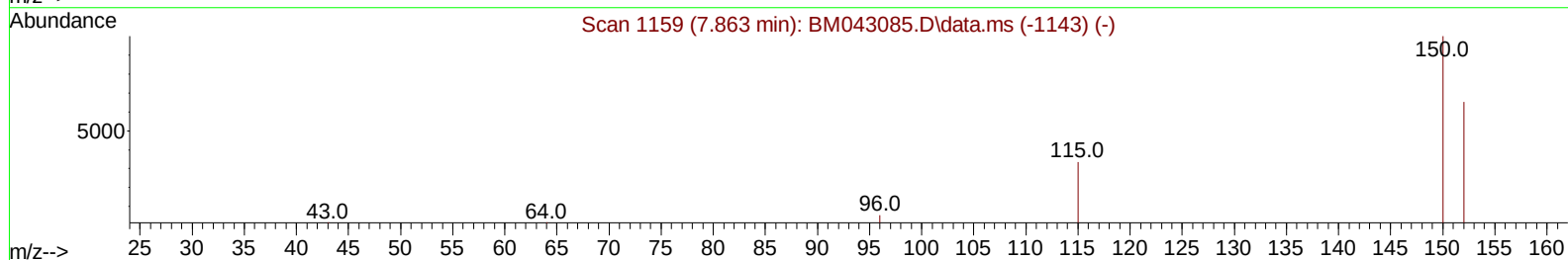
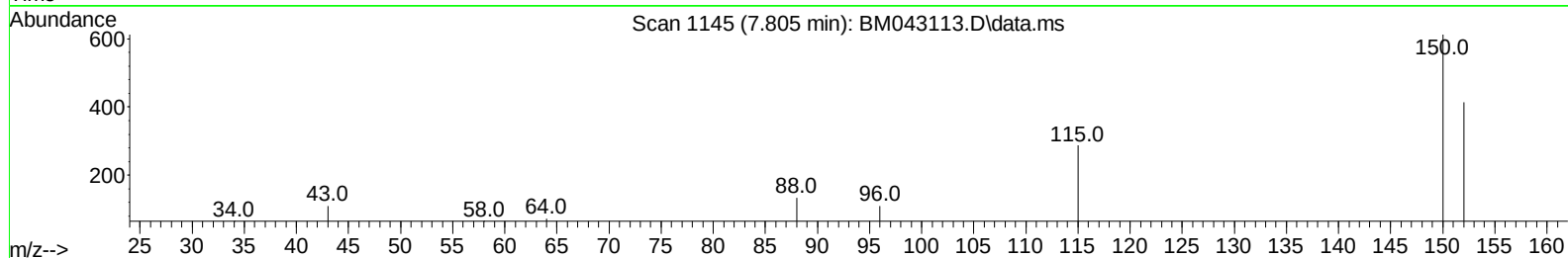
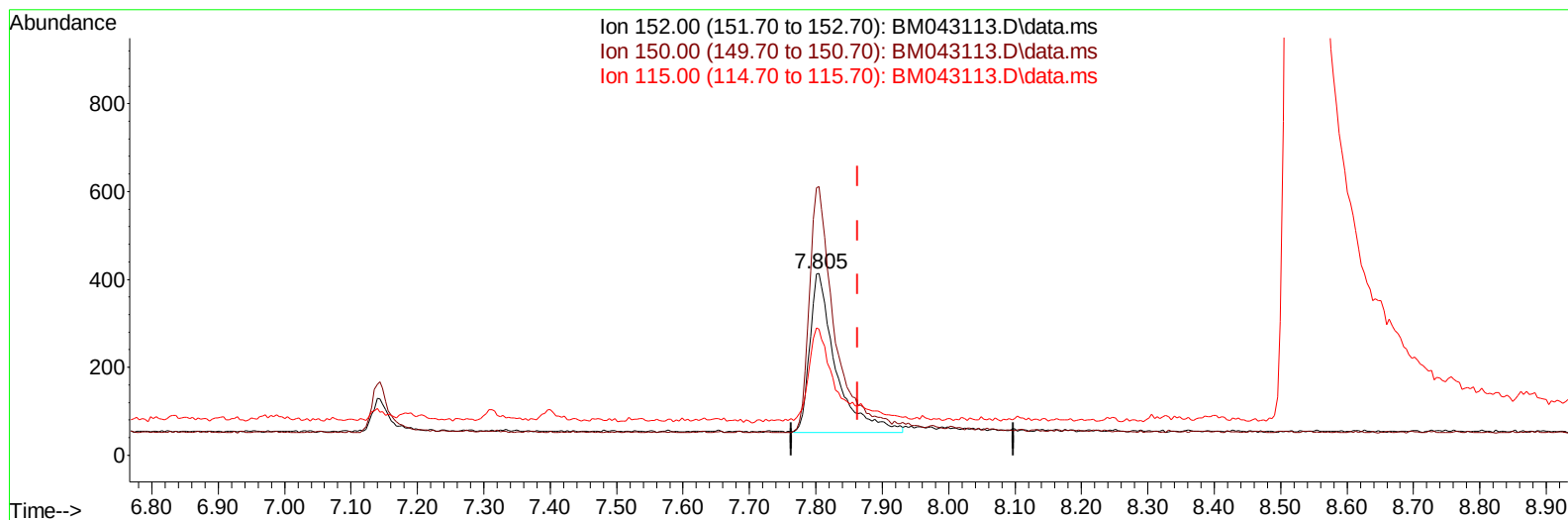
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TIC: BM043113.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.805min (-0.058) 0.40 ng/ul m

response 981

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	147.83
115.00	89.60	69.32#
0.00	0.00	0.00

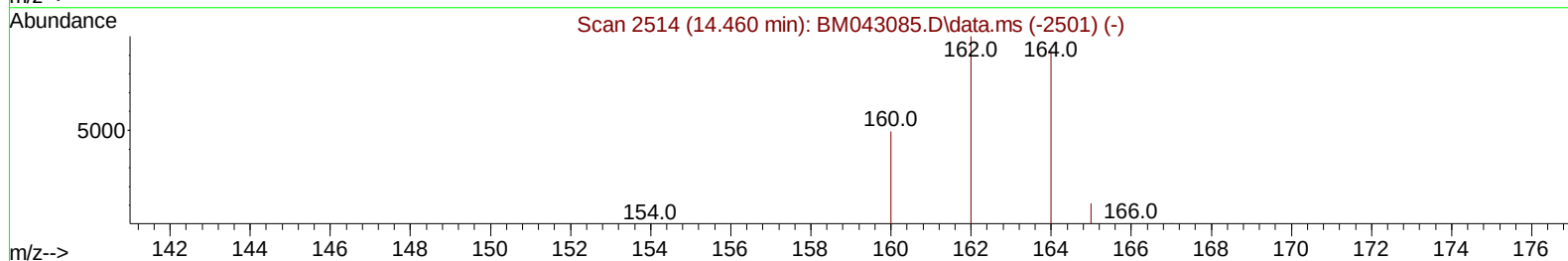
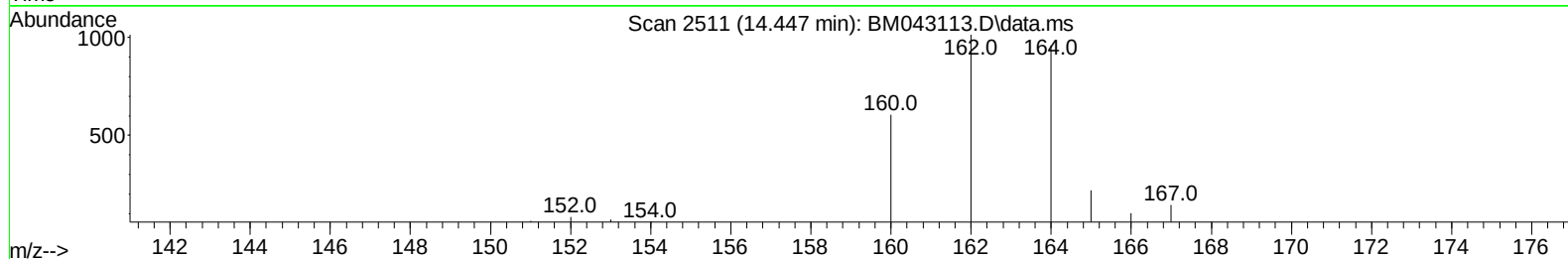
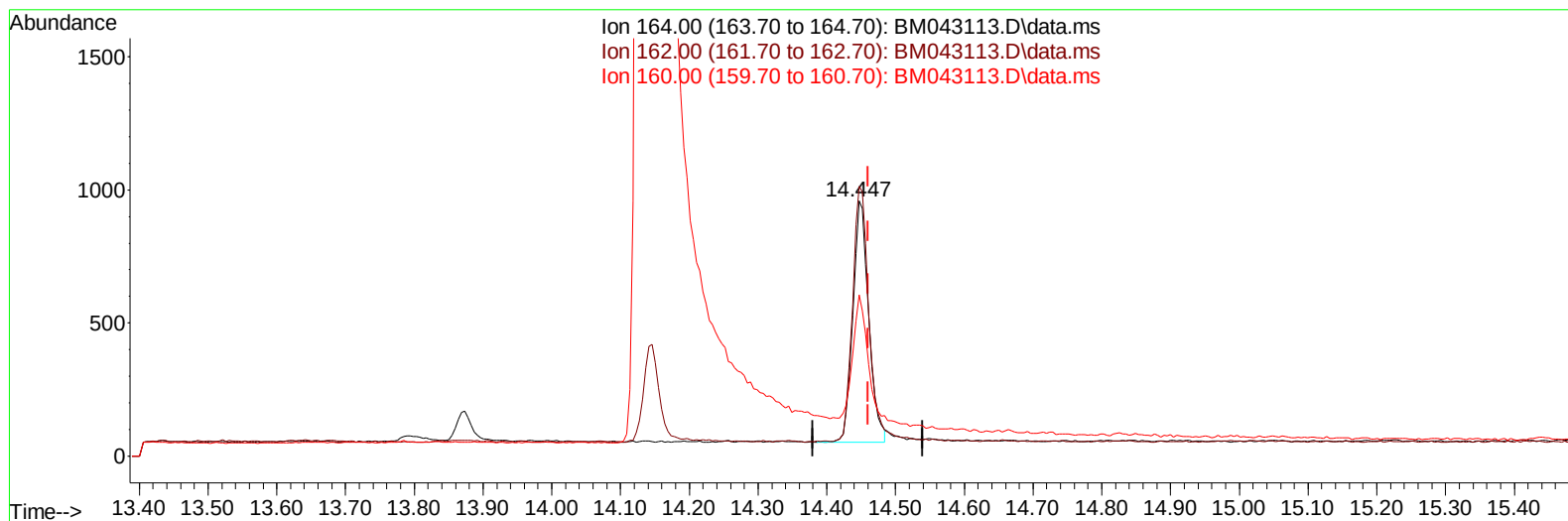
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TIC: BM043113.D\data.ms

(9) Acenaphthene-d10 (I)

14.447min (-0.014) 0.40 ng/u1

response 1436

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.74
160.00	57.20	63.26
0.00	0.00	0.00

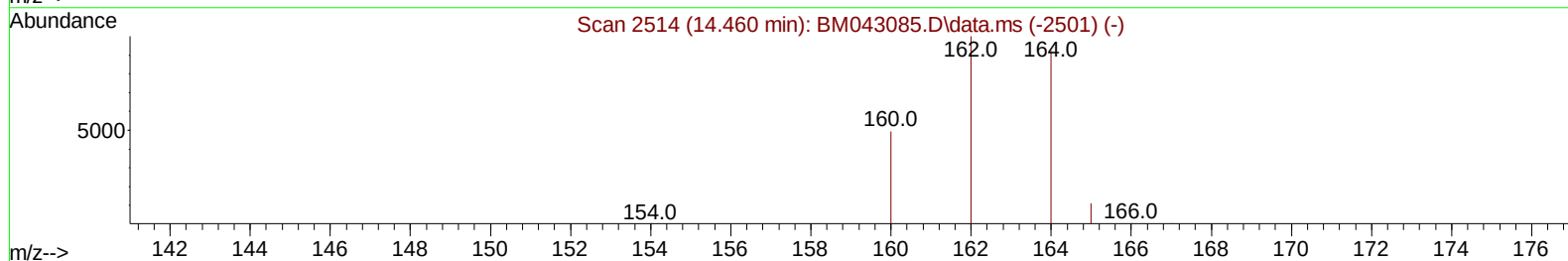
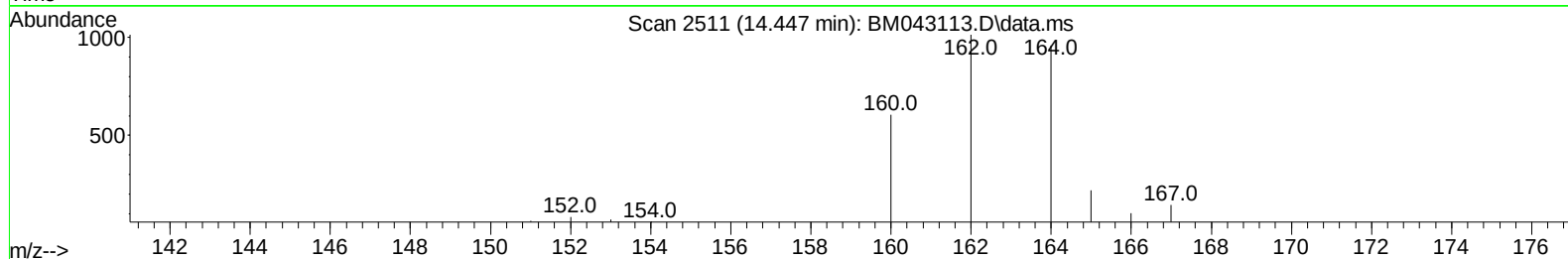
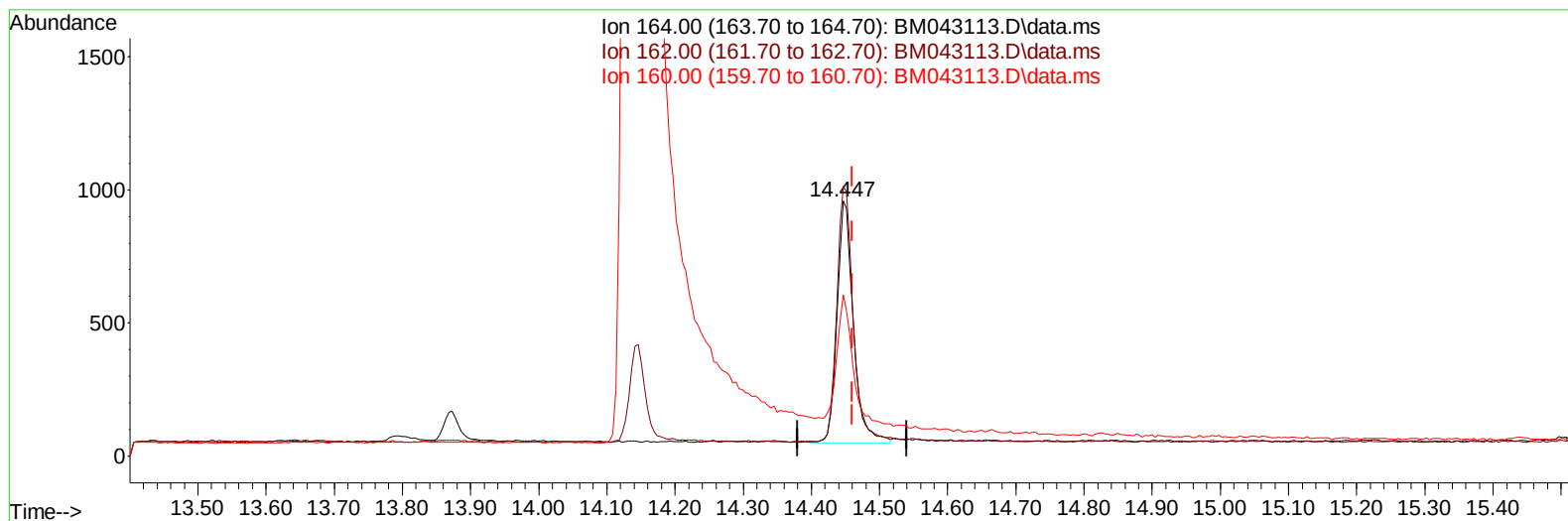
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043113.D
 Acq On : 01 Dec 2023 08:46
 Operator : MA/JU
 Sample : 05459-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ8

Manual IntegrationsAPPROVED

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TIC: BM043113.D\data.ms

(9) Acenaphthene-d10 (I)

14.447min (-0.014) 0.40 ng/ul m

response 1500

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.74
160.00	57.20	63.26
0.00	0.00	0.00

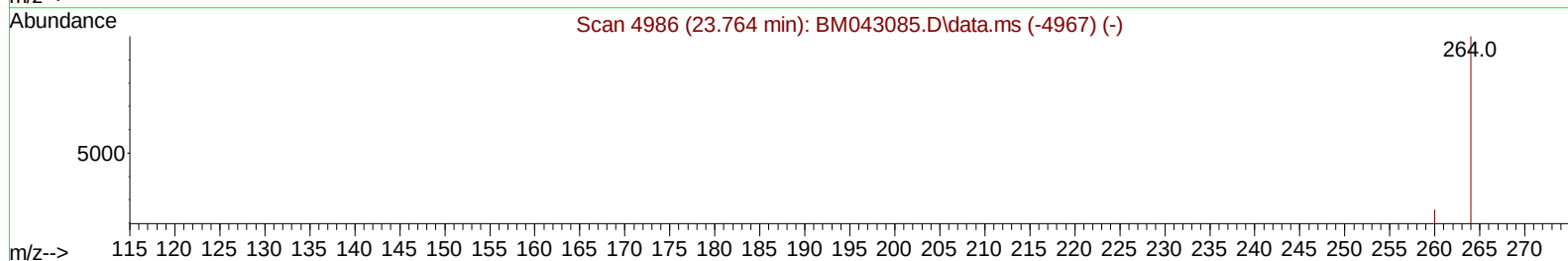
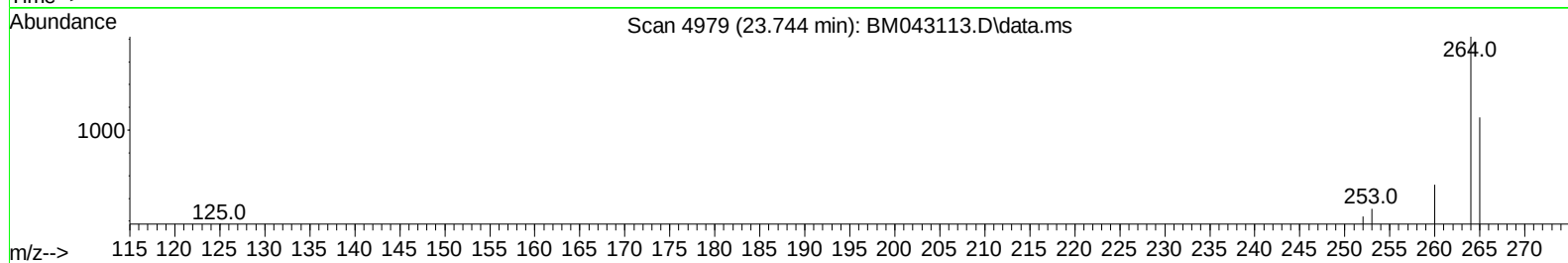
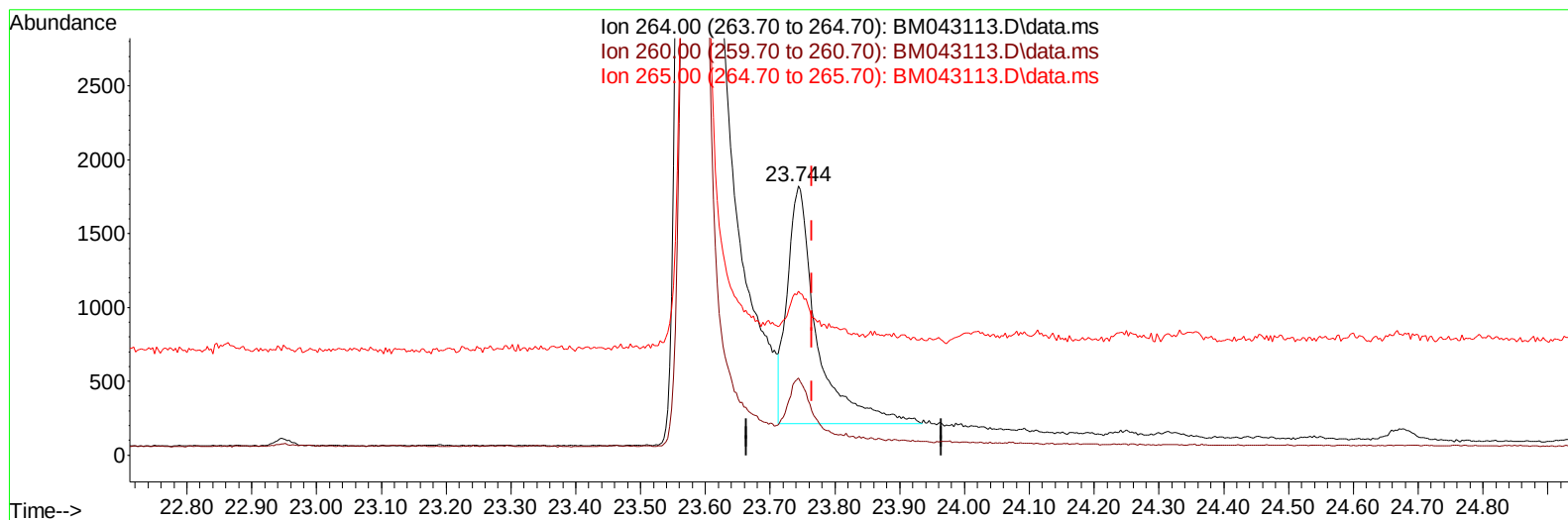
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043113.D
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 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0AJ8

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TIC: BM043113.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/u1

response 5116

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.61
265.00	120.30	61.07#
0.00	0.00	0.00

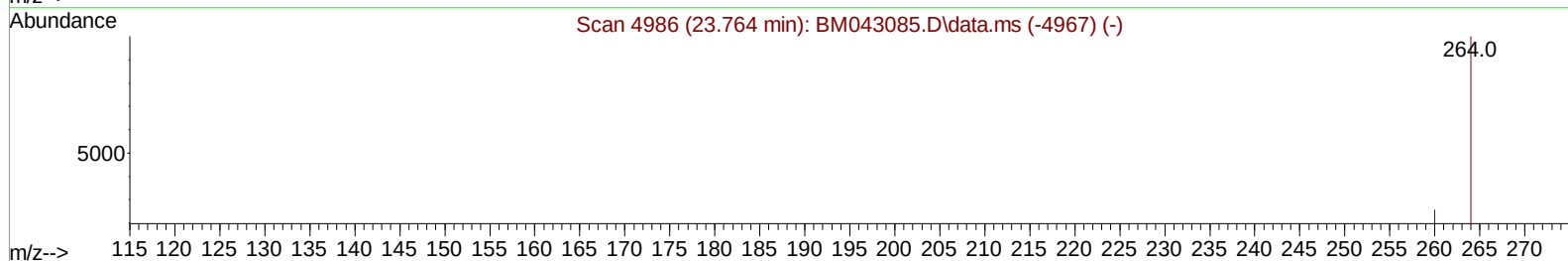
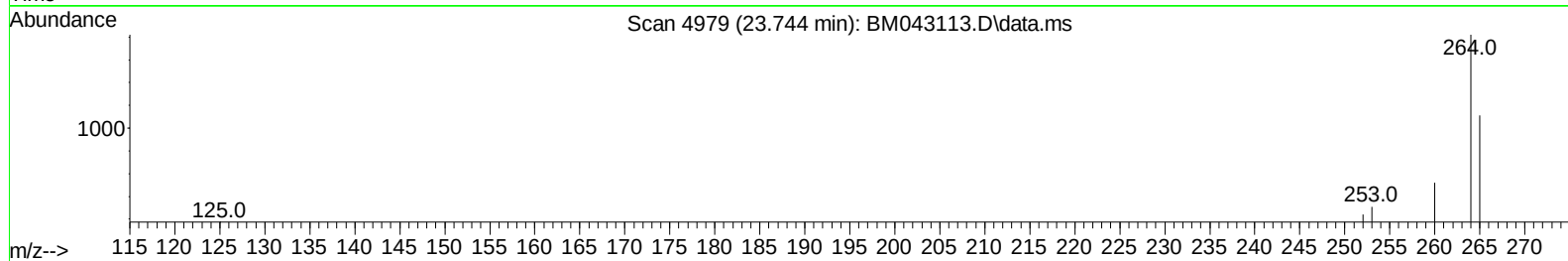
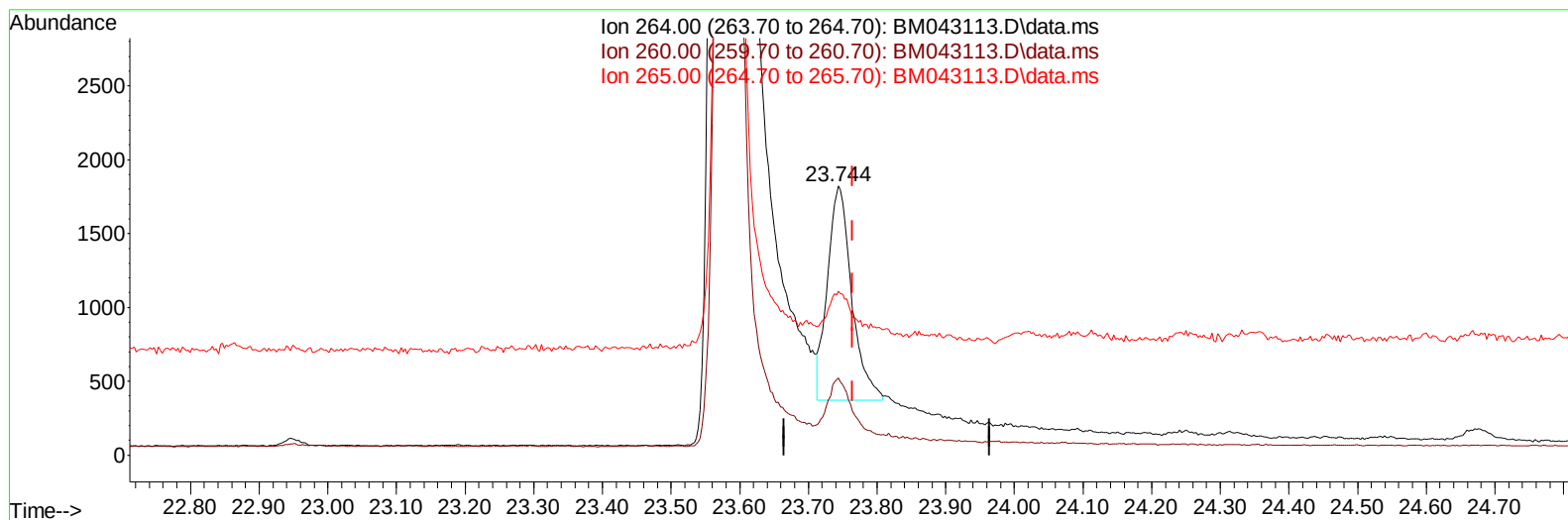
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043113.D
 Acq On : 01 Dec 2023 08:46
 Operator : MA/JU
 Sample : 05459-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ8

Manual IntegrationsAPPROVED

Quant Time: Dec 01 23:17:54 2023
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Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043113.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/ul m

response 3564

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.61
265.00	120.30	61.07#
0.00	0.00	0.00

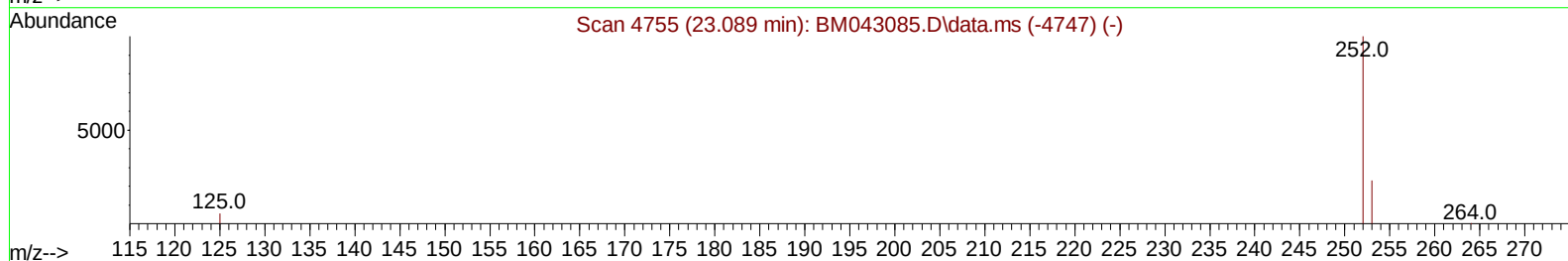
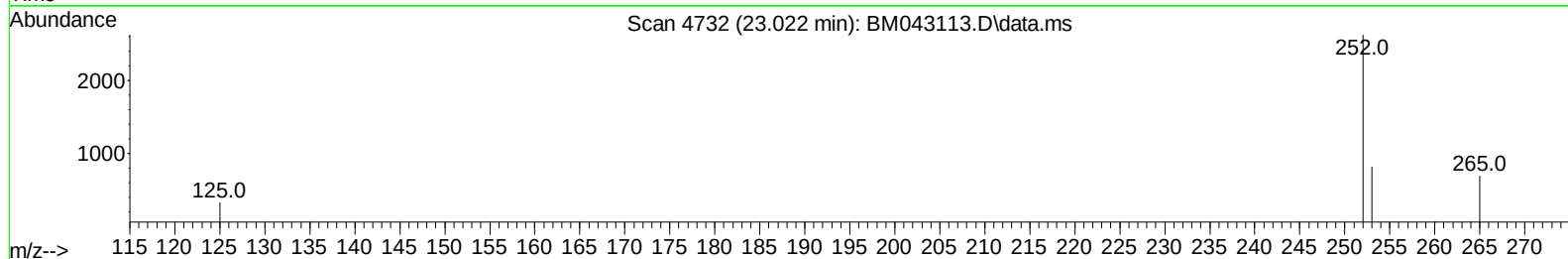
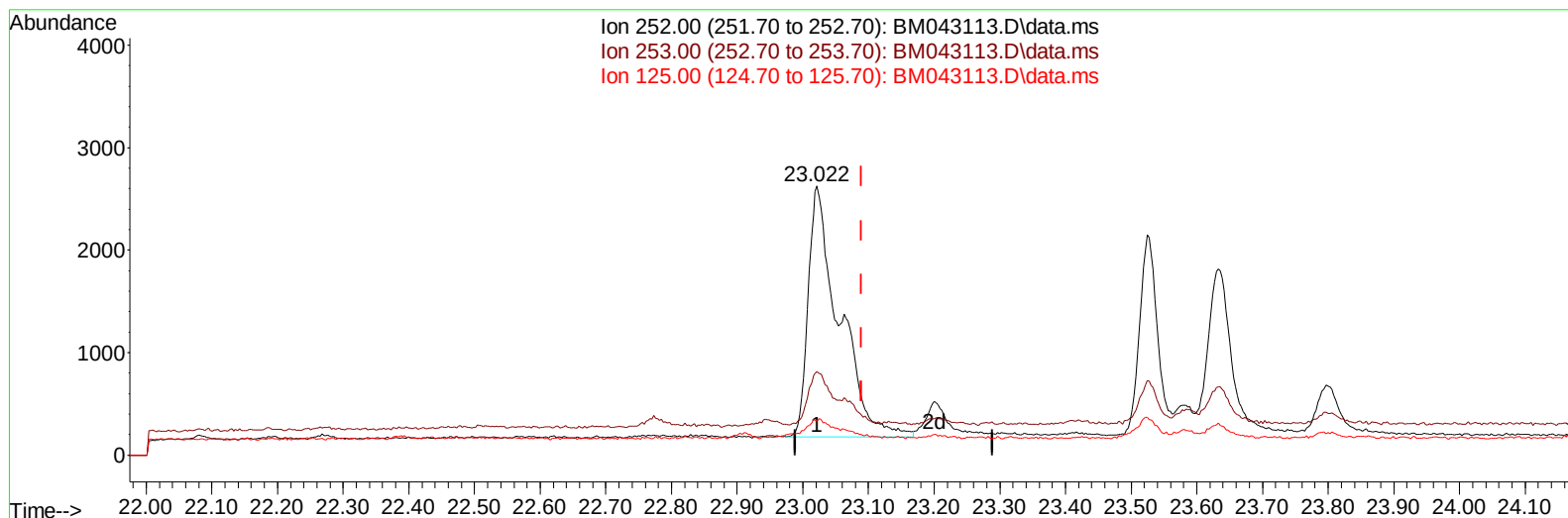
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TIC: BM043113.D\data.ms

(25) Benzo(k)fluoranthene

23.022min (-0.067) 0.48 ng/u1

response 7987

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	31.14
125.00	13.80	12.73
0.00	0.00	0.00

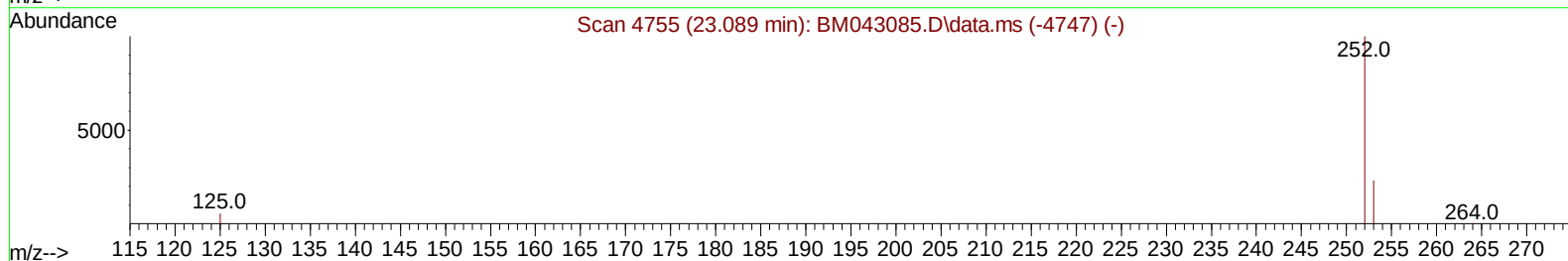
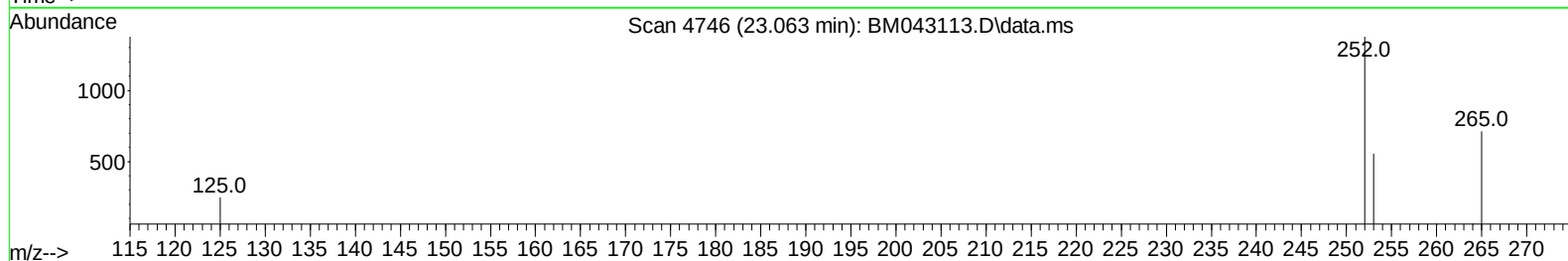
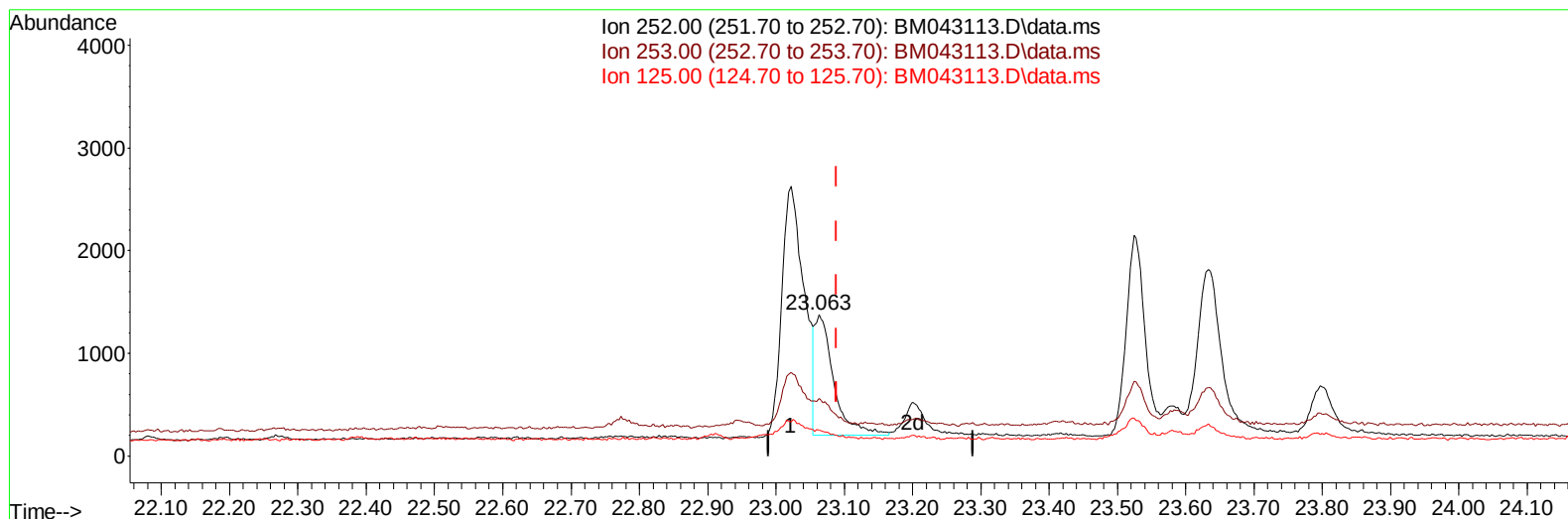
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043113.D
 Acq On : 01 Dec 2023 08:46
 Operator : MA/JU
 Sample : 05459-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ8

Manual IntegrationsAPPROVED

Quant Time: Dec 01 23:17:54 2023
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 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043113.D\data.ms

(25) Benzo(k)fluoranthene

23.063min (-0.026) 0.14 ng/ul m

response 2237

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	40.52
125.00	13.80	18.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043113.D
 Acq On : 01 Dec 2023 08:46
 Operator : MA/JU
 Sample : 05459-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	981m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.607	136	2713	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.447	164	1500m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.205	188	3030	0.400	ng/ul	-0.03
17) Chrysene-d12	21.397	240	2481	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	3564m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2300	1.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	809	0.223	ng/ul	-0.03
18) Fluoranthene-d10	19.234	212	1999	0.221	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.656	128	2233	0.303	ng/ul#	92
7) 2-Methylnaphthalene	12.278	142	2484	0.571	ng/ul	96
8) 1-Methylnaphthalene	12.493	142	1871	0.386	ng/ul	97
10) Acenaphthylene	14.178	152	341	0.045	ng/ul#	55
11) Acenaphthene	14.511	153	184	0.032	ng/ul#	88
12) Fluorene	15.501	166	207	0.035	ng/ul#	83
15) Phenanthrene	17.247	178	7102	0.821	ng/ul	94
16) Anthracene	17.340	178	907	0.111	ng/ul#	83
19) Fluoranthene	19.267	202	7970	0.567	ng/ul#	93
20) Pyrene	19.629	202	7358	0.492	ng/ul	96
21) Benzo(a)anthracene	21.382	228	4318	0.536	ng/ul	98
22) Chrysene	21.435	228	3920	0.261	ng/ul	97
24) Benzo(b)fluoranthene	23.022	252	5560	0.462	ng/ul	93
25) Benzo(k)fluoranthene	23.063	252	2237m	0.135	ng/ul	
26) Benzo(a)pyrene	23.633	252	3770	0.287	ng/ul	88
27) Indeno(1,2,3-cd)pyrene	26.201	276	3073	0.173	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.208	278	775	0.056	ng/ul#	51
29) Benzo(g,h,i)perylene	26.959	276	3488	0.202	ng/ul	99

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

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C0AJ8

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