

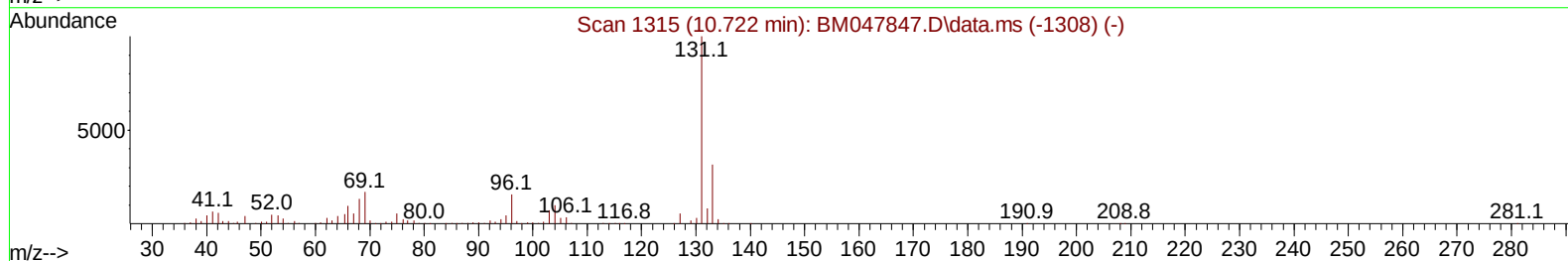
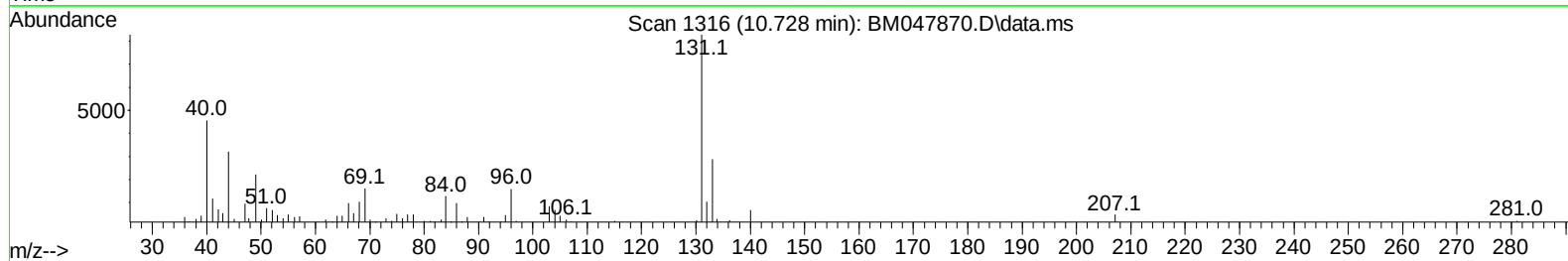
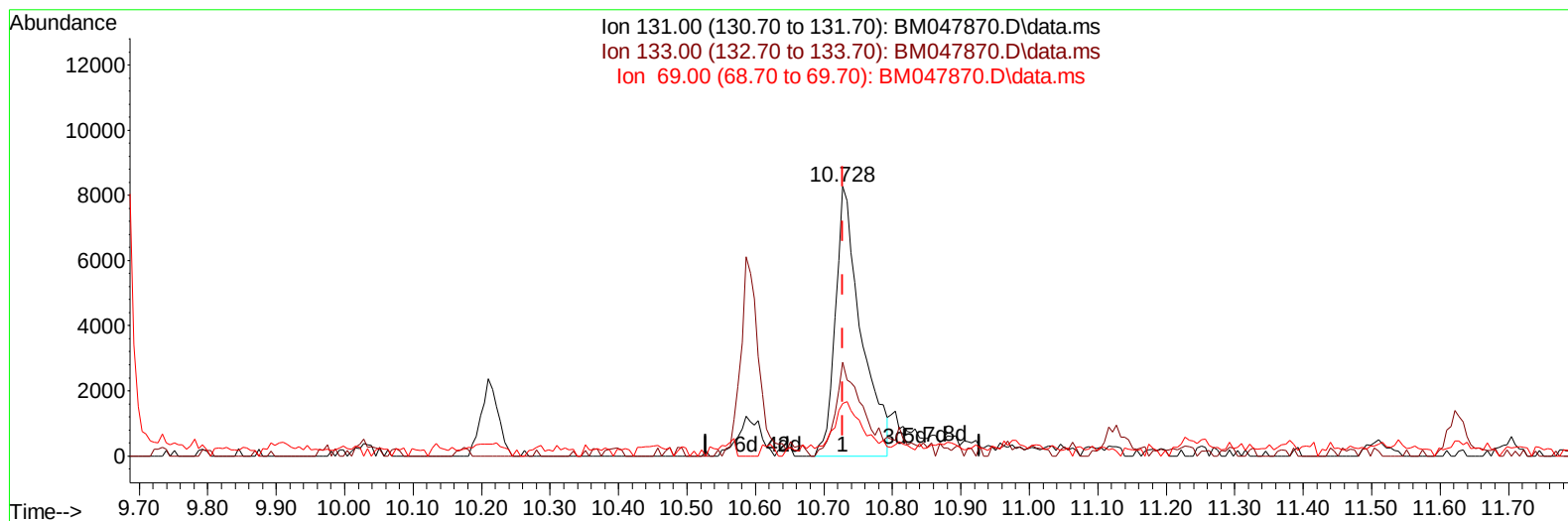
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047870.D
Acq On : 05 Oct 2024 10:09
Operator : RC/JU
Sample : P4083-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ES1

Manual IntegrationsAPPROVED

Quant Time: Oct 05 23:05:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



TIC: BM047870.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.728min (+ 0.000) 0.68 ng/ul

response 21378

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	34.81
69.00	20.90	19.57
0.00	0.00	0.00

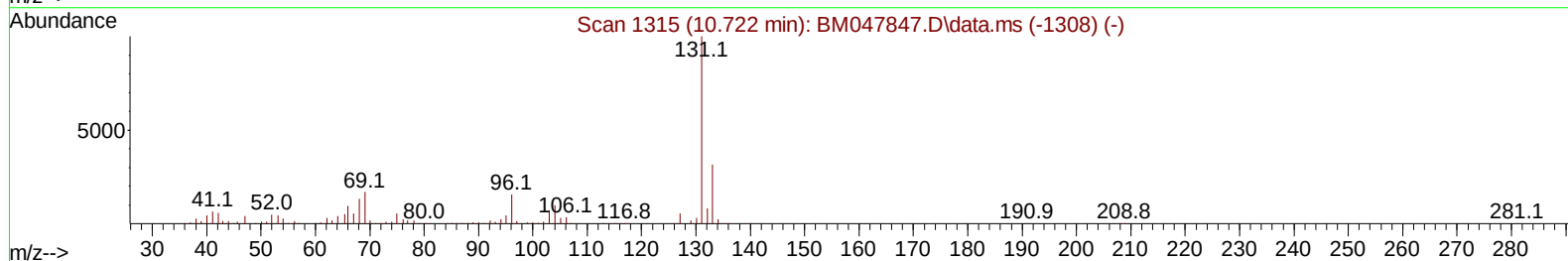
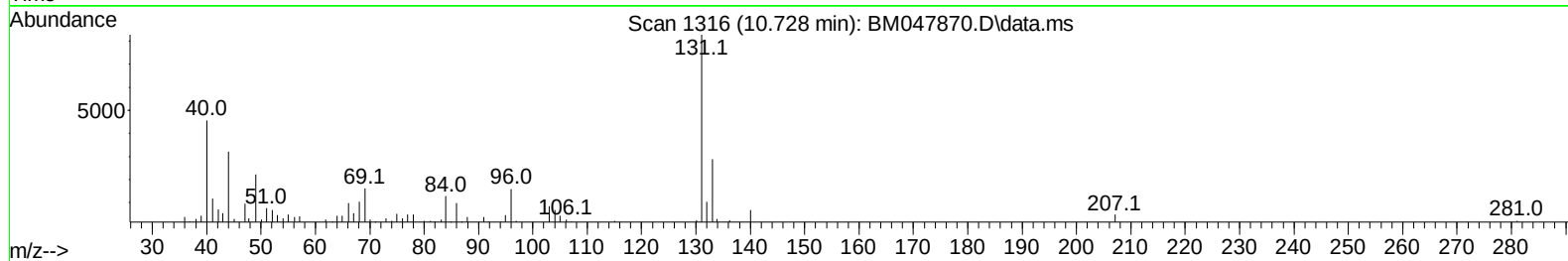
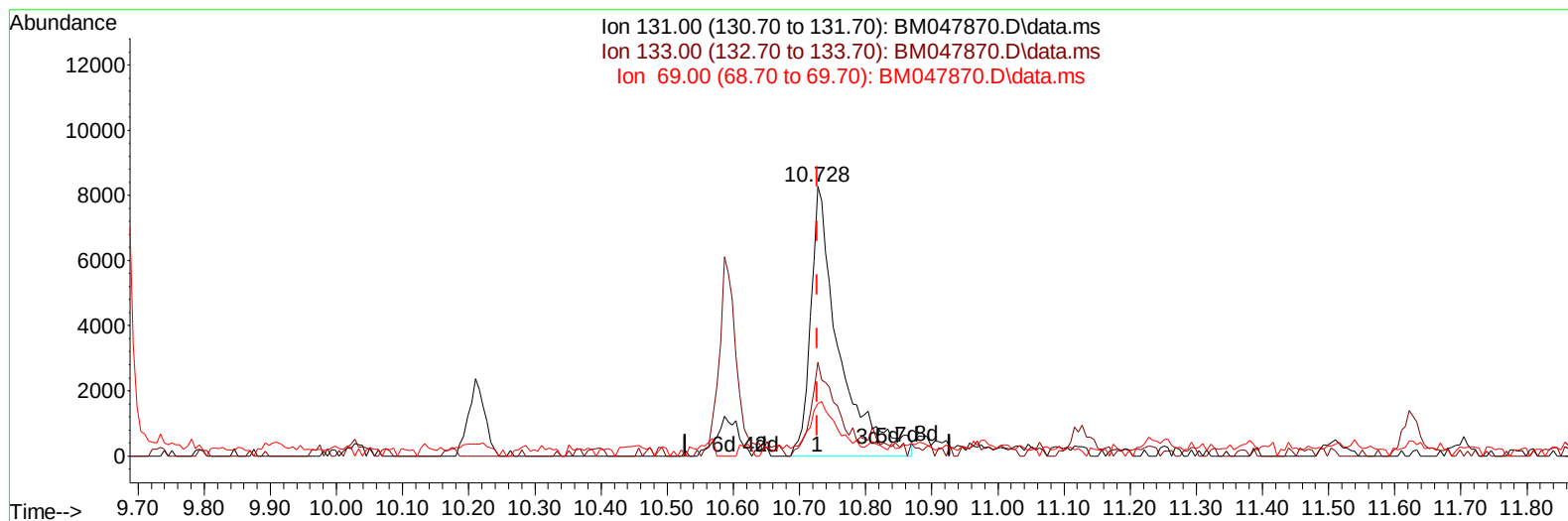
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Instrument :
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ClientSampleId :
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TIC: BM047870.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.728min (+ 0.000) 0.79 ng/ul m

response 24897

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	34.81
69.00	20.90	19.57
0.00	0.00	0.00

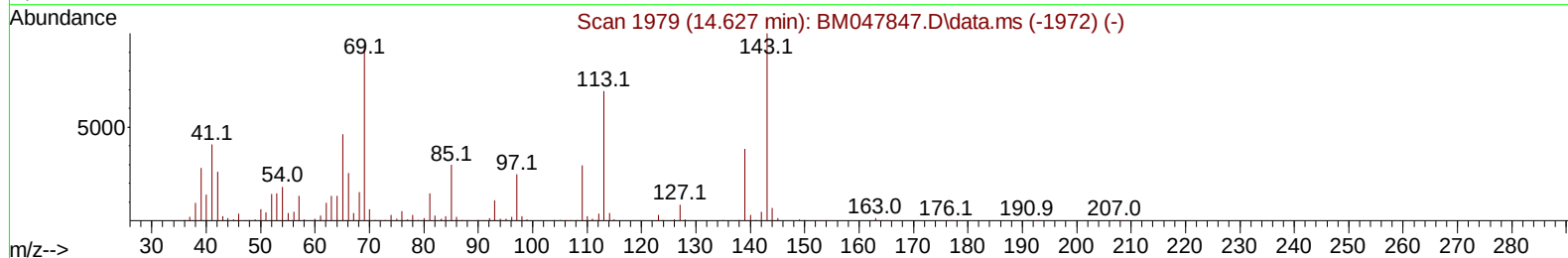
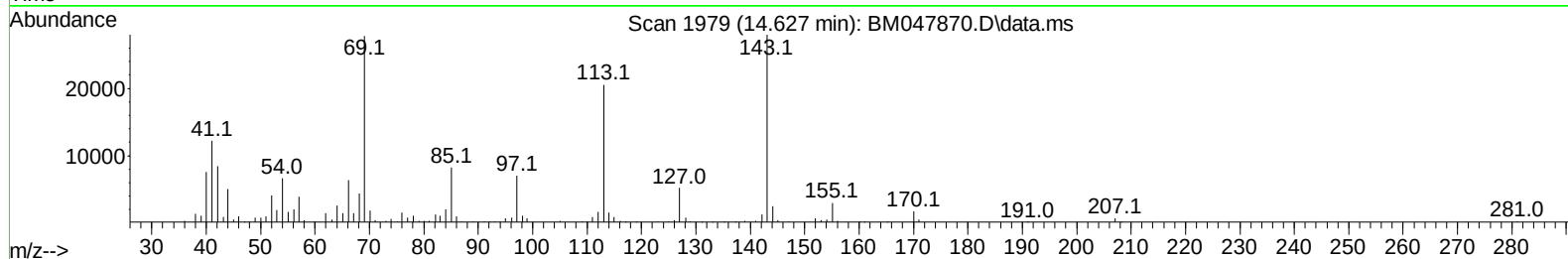
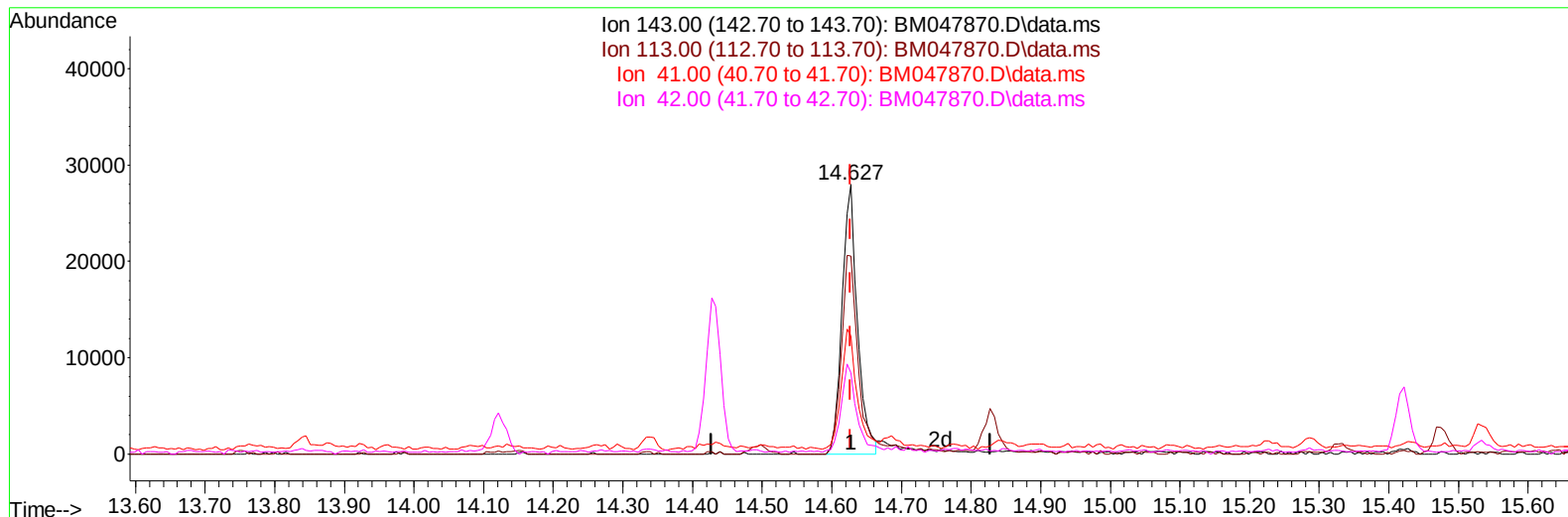
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047870.D
Acq On : 05 Oct 2024 10:09
Operator : RC/JU
Sample : P4083-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ES1

Manual IntegrationsAPPROVED

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TIC: BM047870.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.627min (+ 0.000) 3.79 ng/ul

response 43199

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	77.20	73.41
41.00	60.00	43.79#
42.00	40.50	30.17#

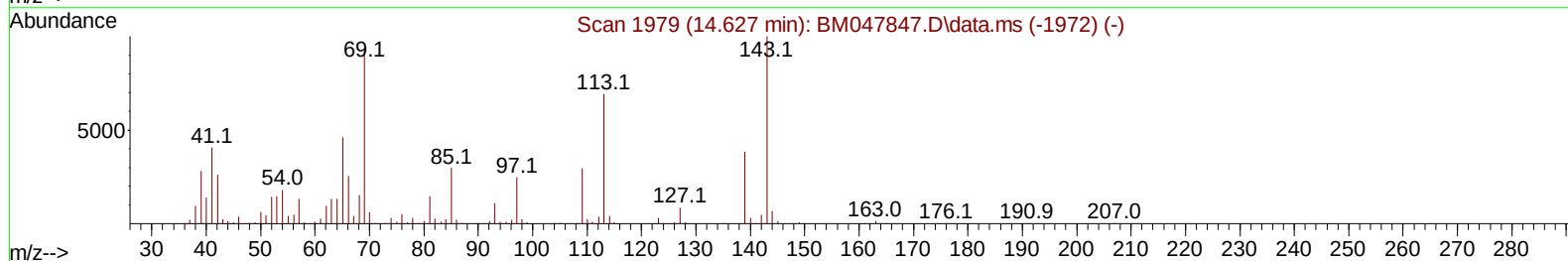
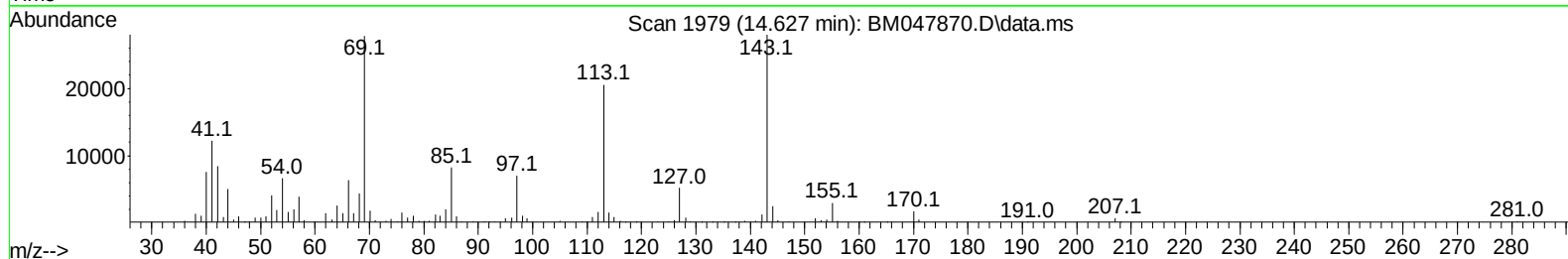
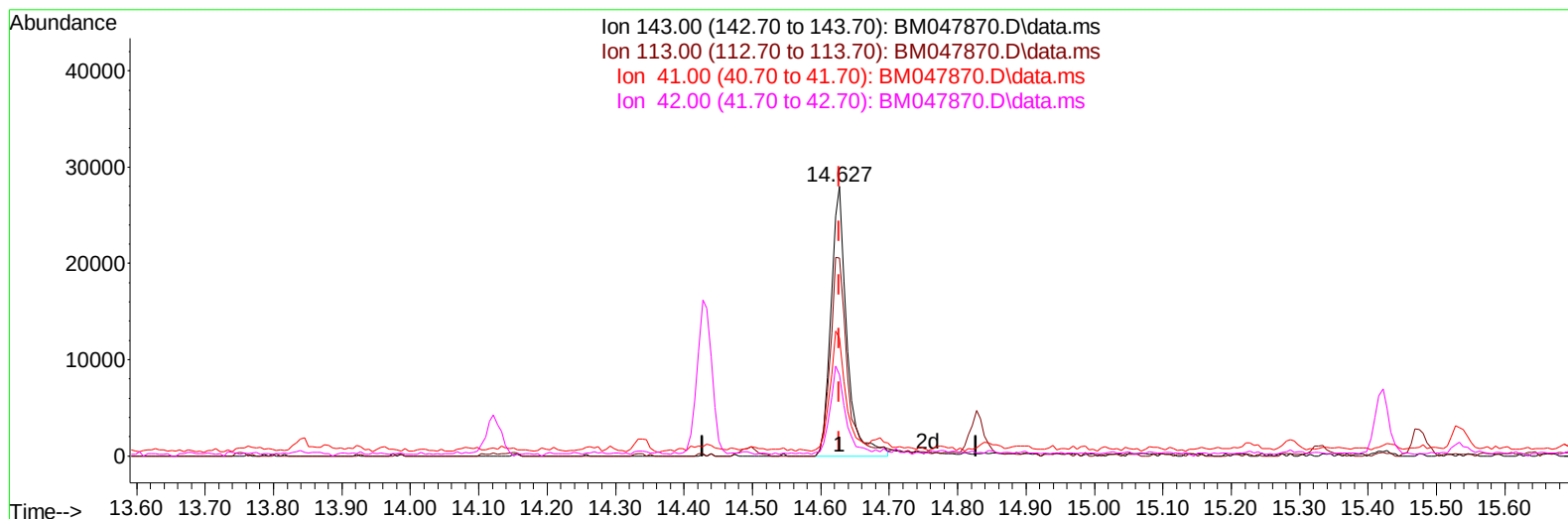
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047870.D
 Acq On : 05 Oct 2024 10:09
 Operator : RC/JU
 Sample : P4083-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4ES1

Manual IntegrationsAPPROVED

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TIC: BM047870.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.627min (+ 0.000) 3.97 ng/ul m

response 45307

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	77.20	73.41
41.00	60.00	43.79#
42.00	40.50	30.17#

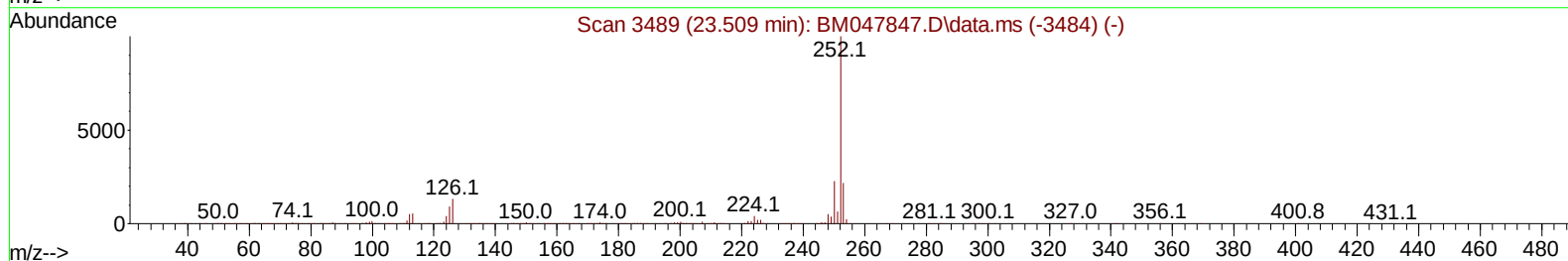
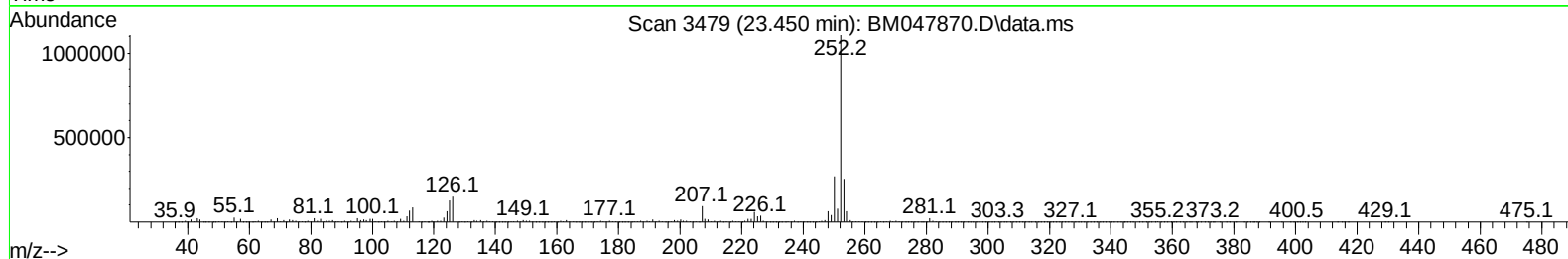
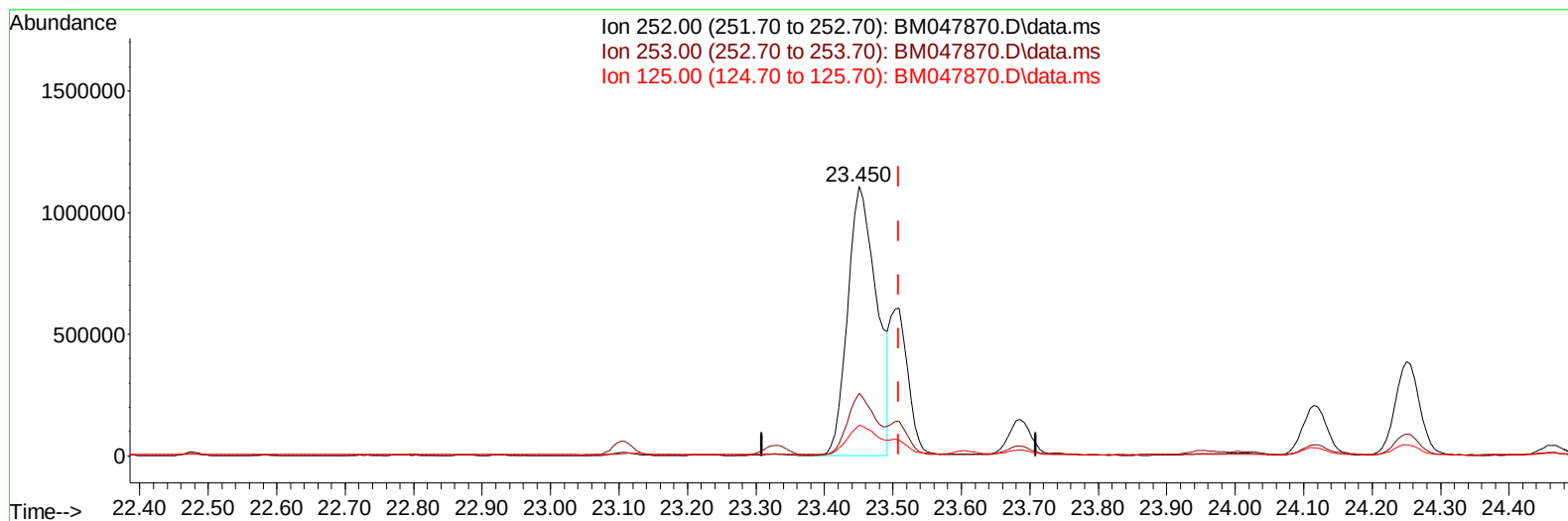
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Data File : BM047870.D
Acq On : 05 Oct 2024 10:09
Operator : RC/JU
Sample : P4083-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ES1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2024
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TIC: BM047870.D\data.ms

(91) Benzo(k)fluoranthene

23.450min (-0.059) 28.69 ng/u1

response 3272544

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.21
125.00	11.10	11.54
0.00	0.00	0.00

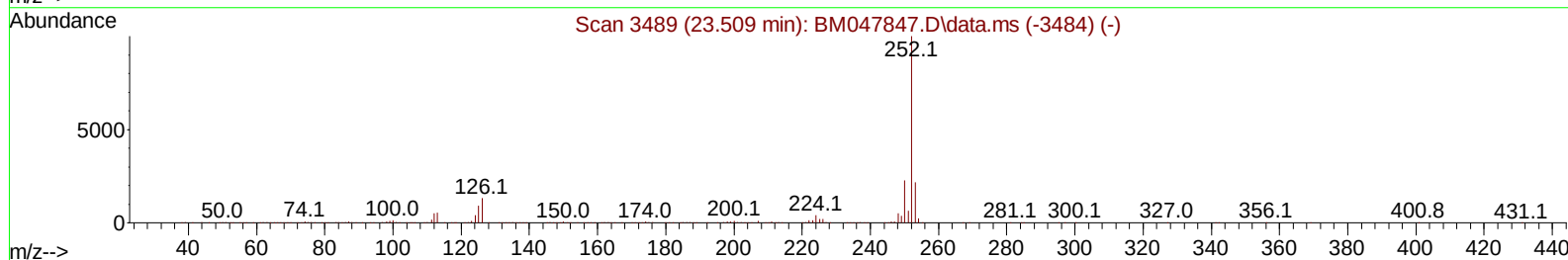
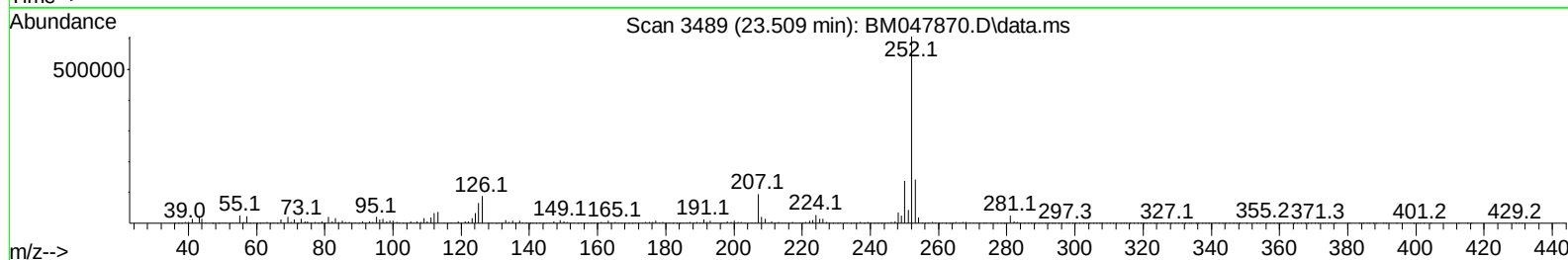
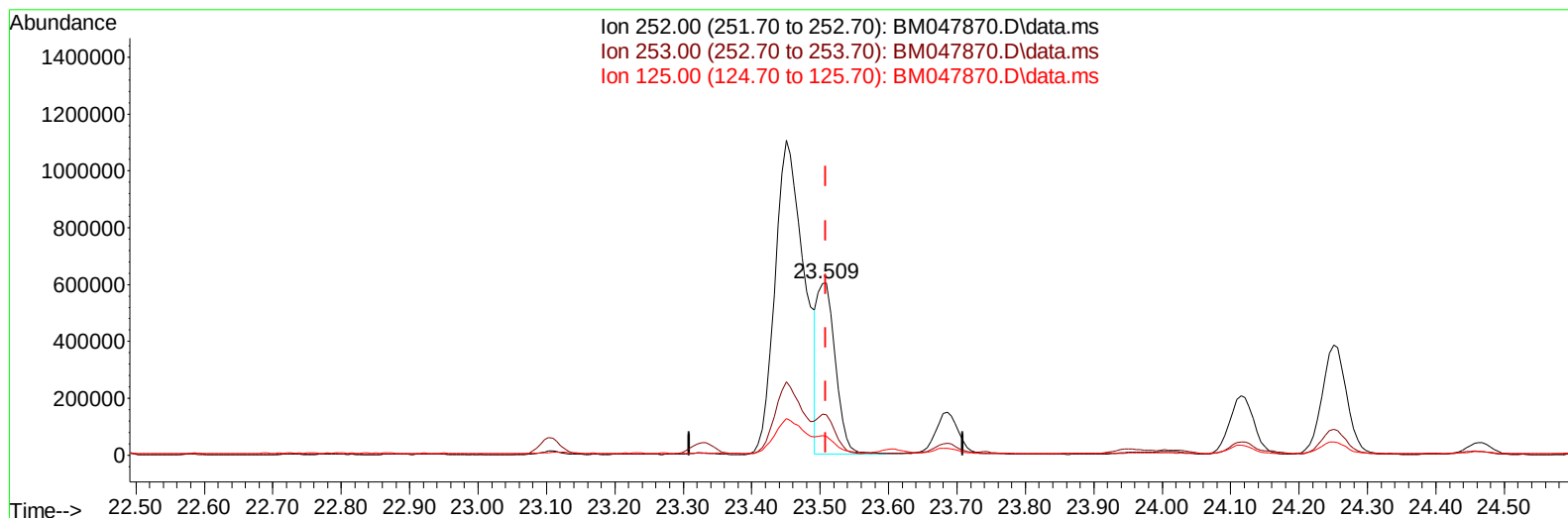
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
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 Acq On : 05 Oct 2024 10:09
 Operator : RC/JU
 Sample : P4083-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM047870.D\data.ms

(91) Benzo(k)fluoranthene

23.509min (+ 0.000) 9.64 ng/ul m

response 1099182

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.42
125.00	11.10	10.77
0.00	0.00	0.00

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 Sample : P4083-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4ES1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 23:13:56 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152		337787	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136		1333805	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164		789911	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188		1618439	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240		1546196	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264		1788643	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.252	96		9614	0.920	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.963	99		157627	4.935	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67		122842	5.420	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132		144197	6.205	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113		86710	3.651	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128		67684	6.373	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143		64486	6.336	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165		129233	6.357	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131		24897m	0.792	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166		396559	6.924	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160		454824	6.698	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143		45307m	3.974	ng/ul	0.00
60) Fluorene-d10	15.421	176		363377	7.325	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200		34583	3.652	ng/ul	0.00
73) Anthracene-d10	17.268	188		572390	7.193	ng/ul	0.00
81) Pyrene-d10	19.556	212		580590	6.616	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264		407129	4.387	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.616	105		153467	3.777	ng/ul	96
30) Naphthalene	10.639	128		120416	1.570	ng/ul	99
52) Acenaphthene	14.492	153		166431	3.075	ng/ul	97
56) Dibenzofuran	14.827	168		122702	1.684	ng/ul	100
61) Fluorene	15.474	166		205604	3.382	ng/ul	100
72) Phenanthrene	17.215	178		3514381	37.028	ng/ul	99
74) Anthracene	17.304	178		747762	7.725	ng/ul	100
77) Carbazole	17.568	167		331246	3.775	ng/ul	99
80) Fluoranthene	19.227	202		5661012	54.774	ng/ul	99
82) Pyrene	19.586	202		3569289	31.029	ng/ul	96
85) Benzo(a)anthracene	21.380	228		2426682	22.415	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.303	149		381828	6.254	ng/ul#	97
87) Chrysene	21.439	228		2394163	22.685	ng/ul	96
90) Benzo(b)fluoranthene	23.450	252		3272544	29.339	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252		1099182m	9.637	ng/ul	
93) Benzo(a)pyrene	24.250	252		957680	9.040	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.768	276		979352	7.214	ng/ul	98
95) Dibenzo(a,h)anthracene	27.815	278		383204	3.444	ng/ul#	93
96) Benzo(g,h,i)perylene	28.826	276		127287	1.197	ng/ul#	89

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

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