

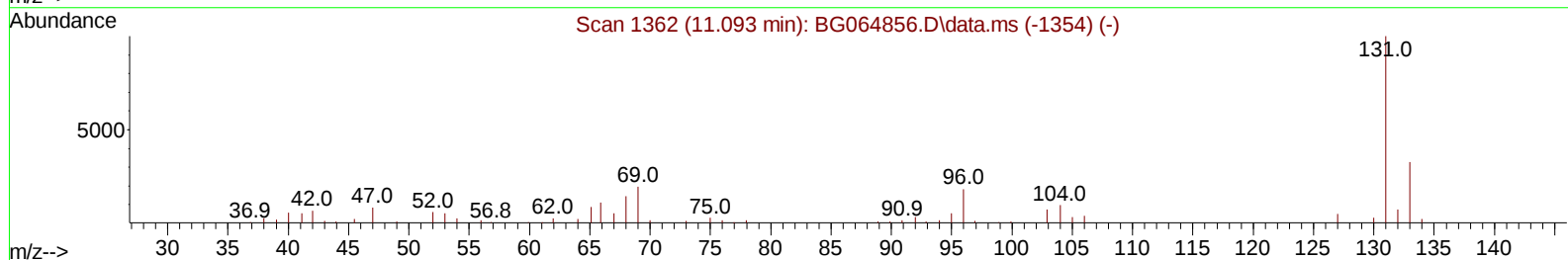
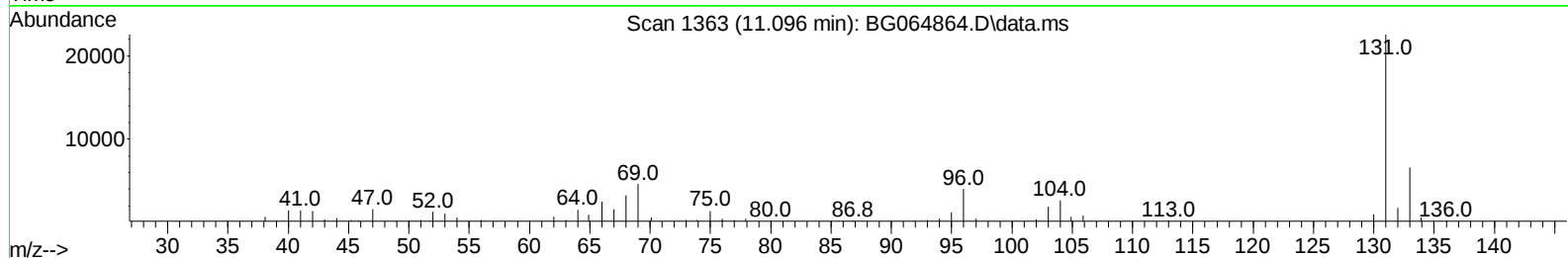
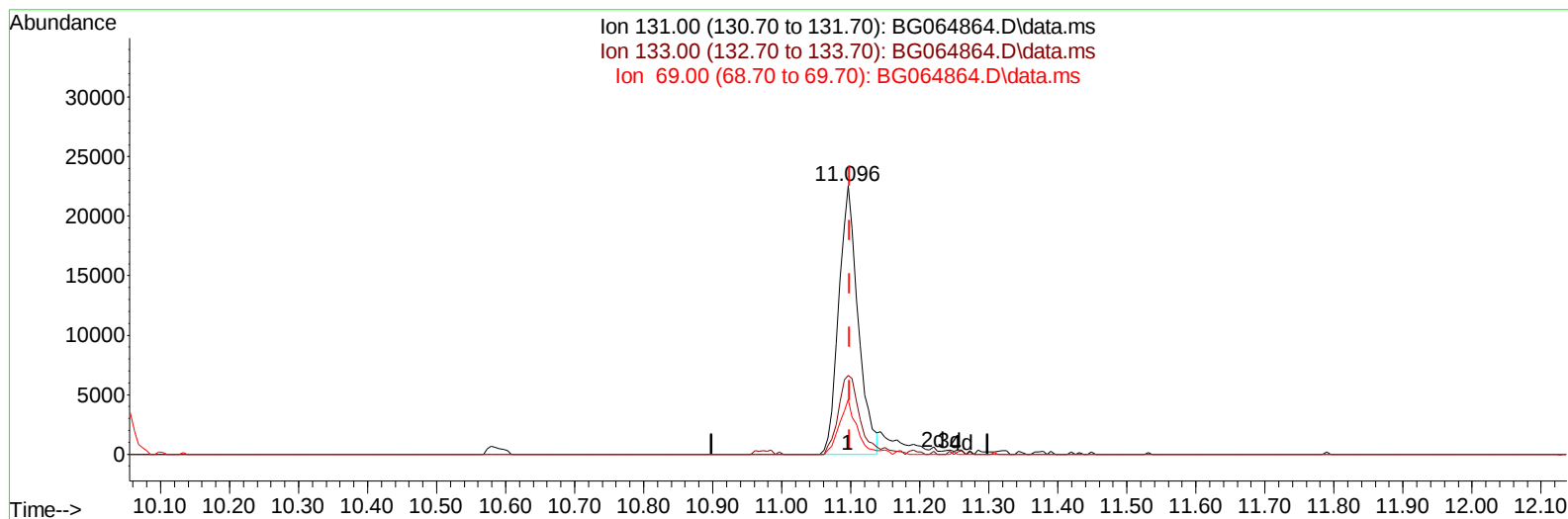
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064864.D
Acq On : 25 Nov 2025 17:17
Operator : RC/JU
Sample : Q3688-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-31I

Manual IntegrationsAPPROVED

Quant Time: Nov 25 17:52:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 12/03/2025



TIC: BG064864.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.096min (-0.002) 24.51 ng/u1

response 43992

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	29.46
69.00	15.70	20.39#
0.00	0.00	0.00

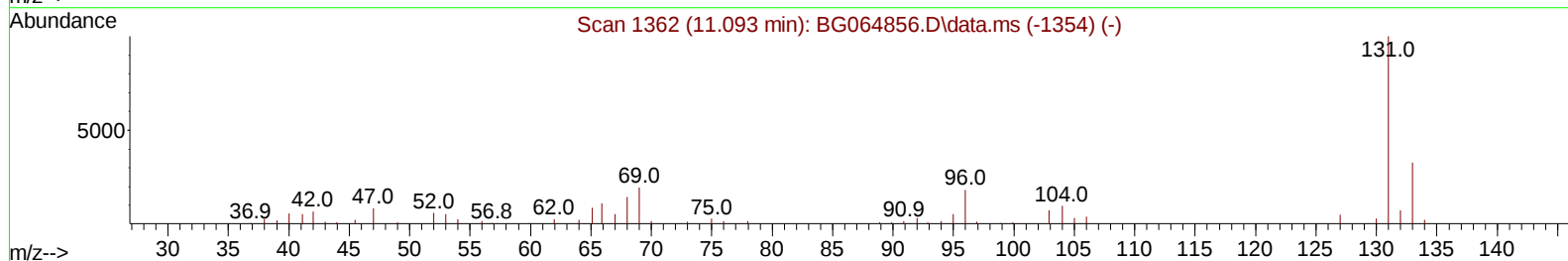
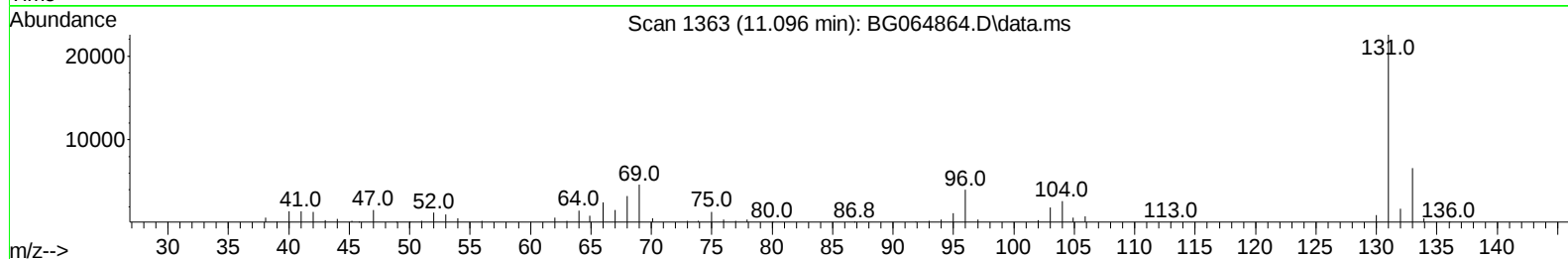
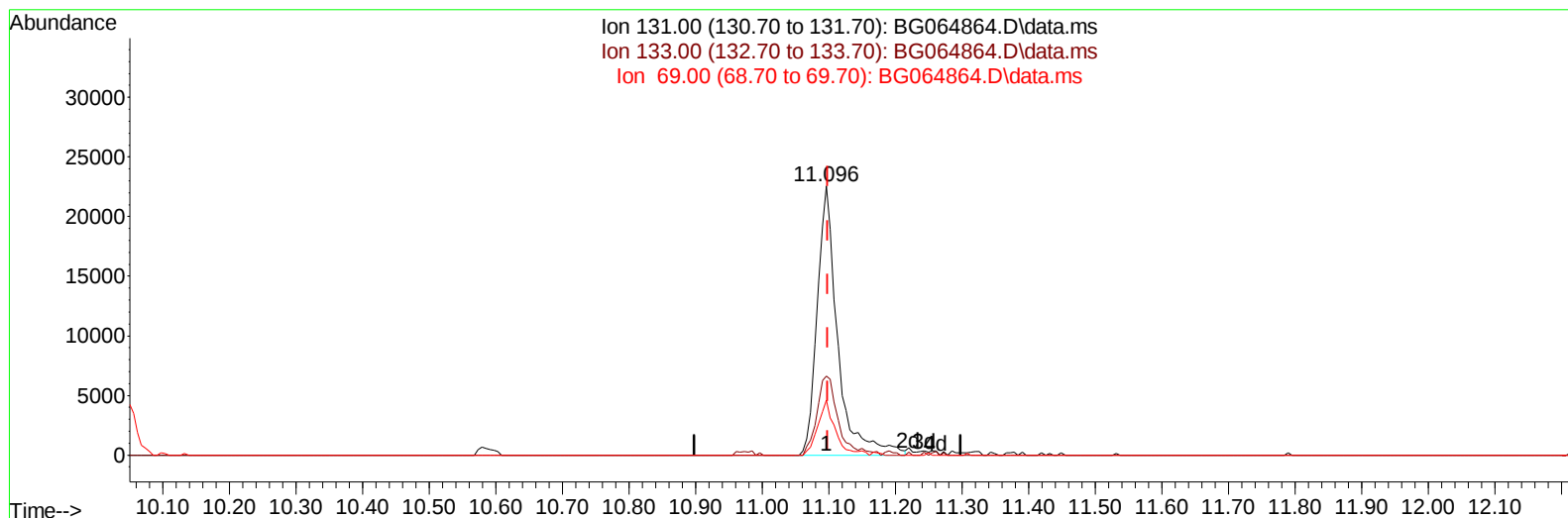
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064864.D
Acq On : 25 Nov 2025 17:17
Operator : RC/JU
Sample : Q3688-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
Response via : Initial Calibration



TIC: BG064864.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.096min (-0.002) 26.90 ng/ul m

response 48274

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	29.46
69.00	15.70	20.39#
0.00	0.00	0.00

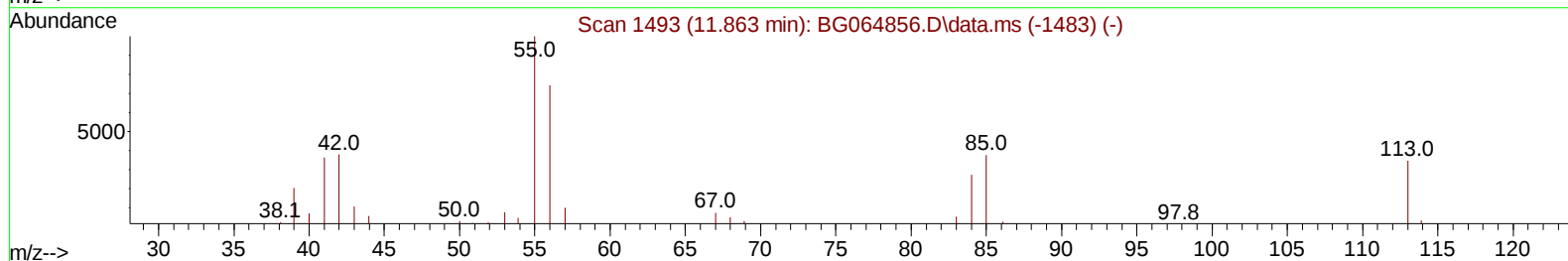
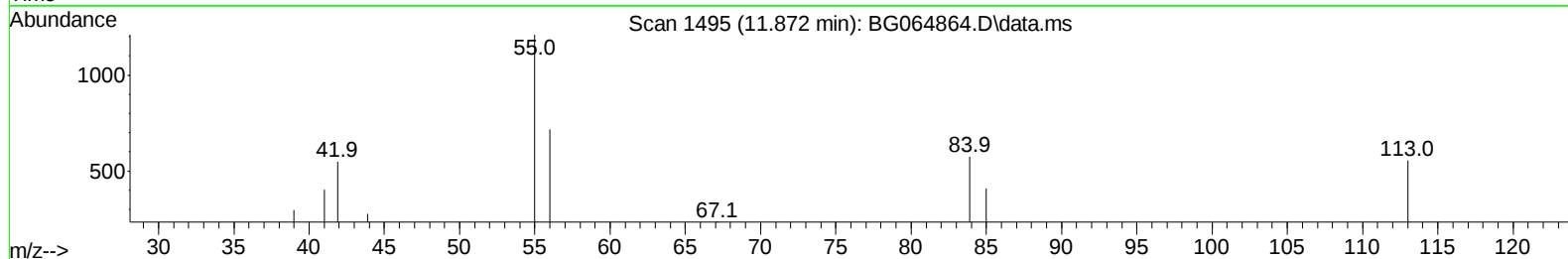
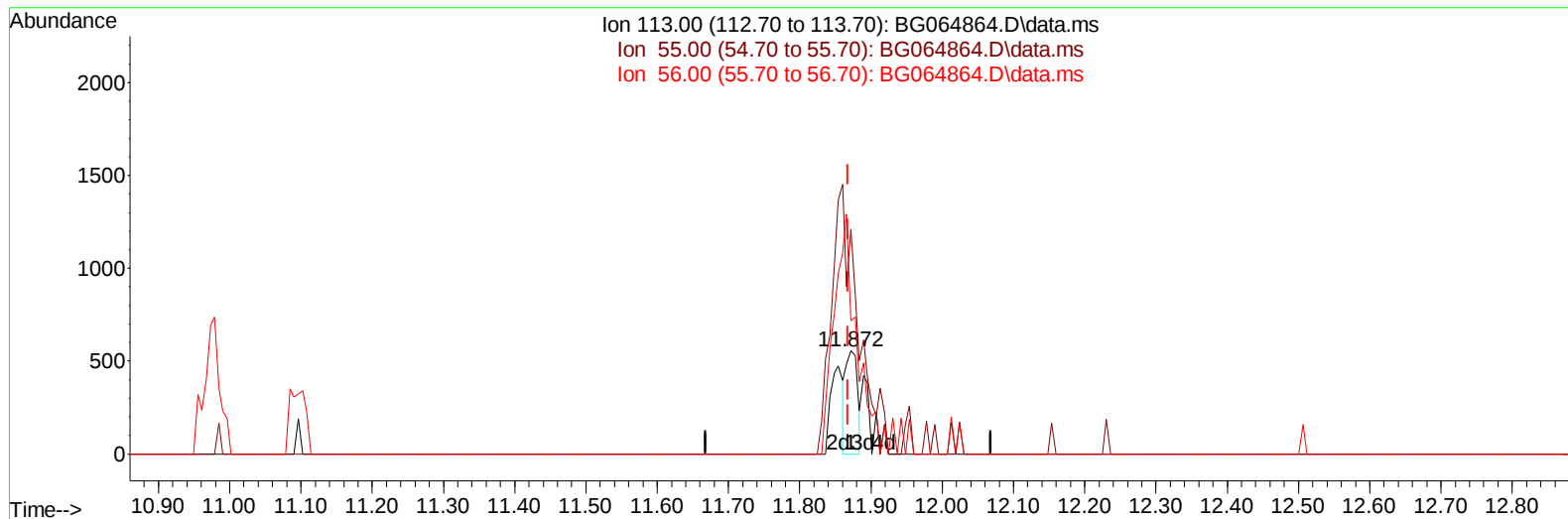
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064864.D
Acq On : 25 Nov 2025 17:17
Operator : RC/JU
Sample : Q3688-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG064864.D\data.ms

(34) Caprolactam

11.872min (+ 0.004) 1.39 ng/ul

response 635

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	217.63
56.00	159.40	128.96
0.00	0.00	0.00

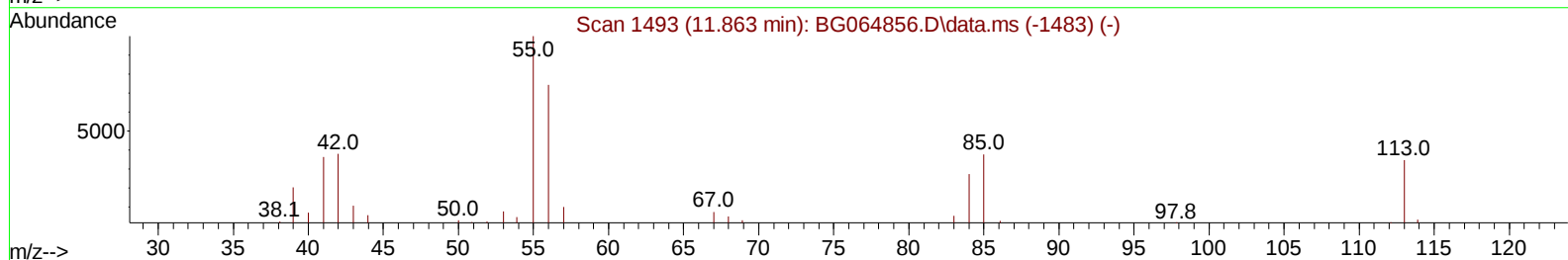
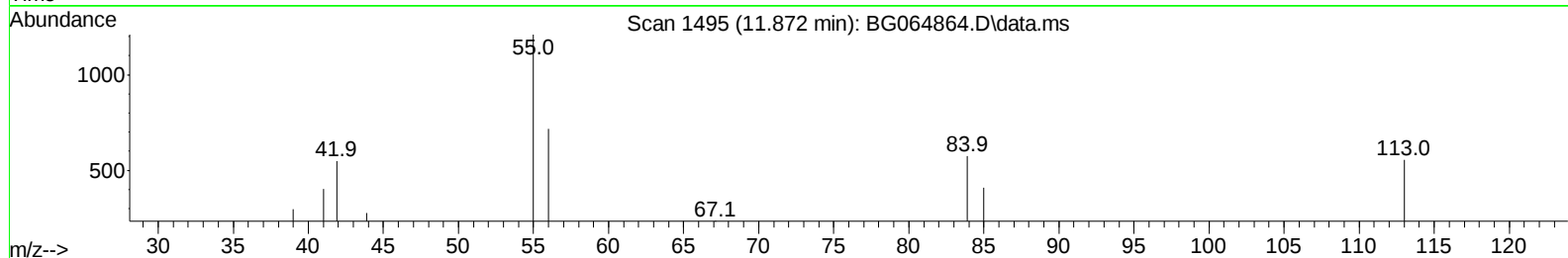
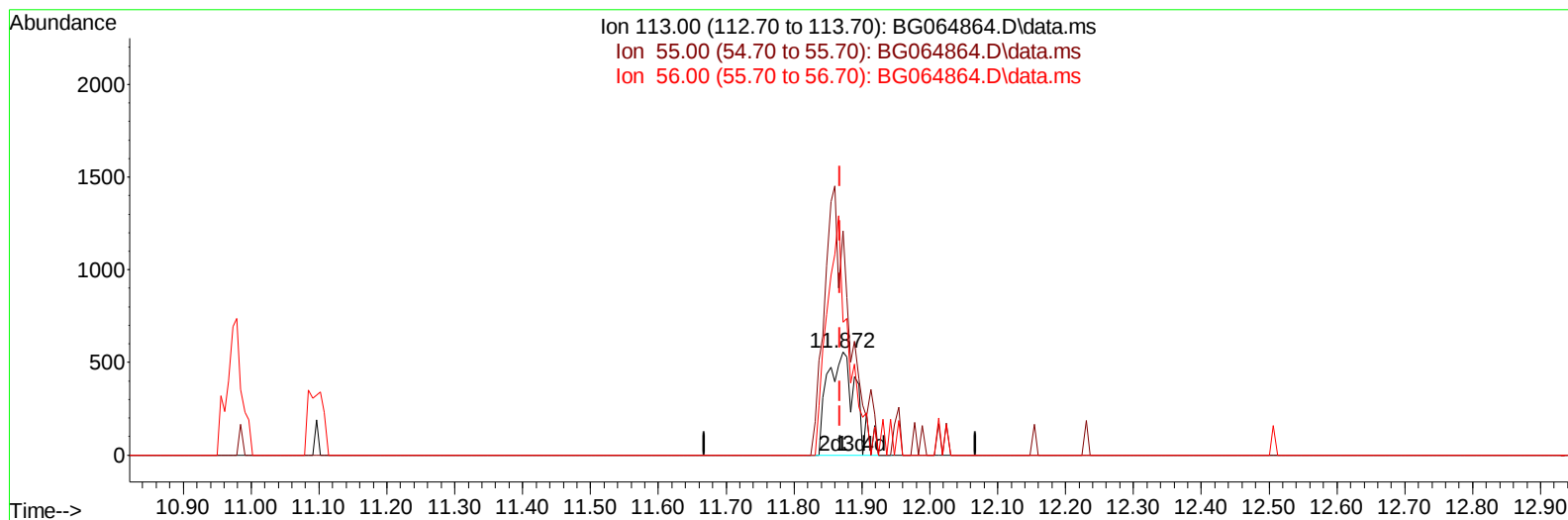
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064864.D
Acq On : 25 Nov 2025 17:17
Operator : RC/JU
Sample : Q3688-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-31I

Manual IntegrationsAPPROVED

Quant Time: Nov 25 17:52:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
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TIC: BG064864.D\data.ms

(34) Caprolactam

11.872min (+ 0.004) 3.55 ng/u1 m

response 1624

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	217.63
56.00	159.40	128.96
0.00	0.00	0.00

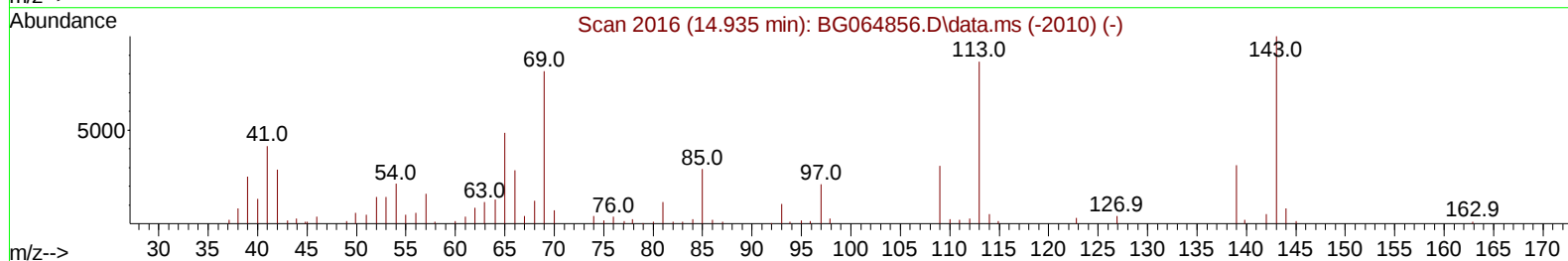
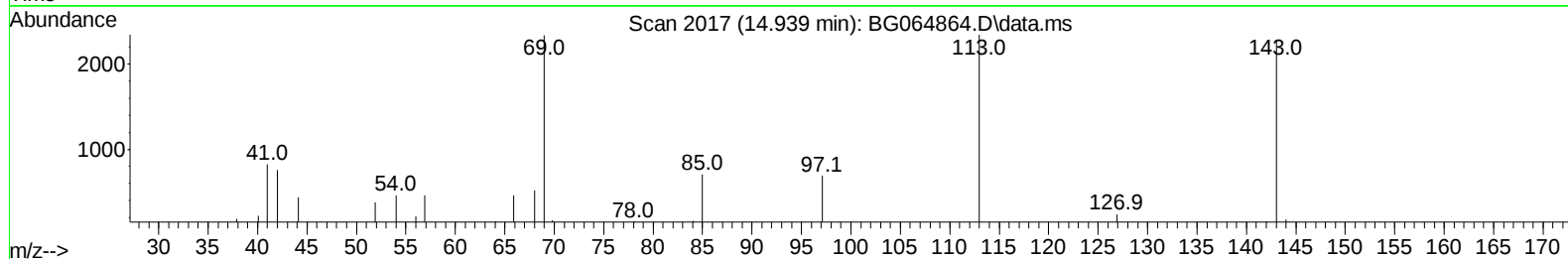
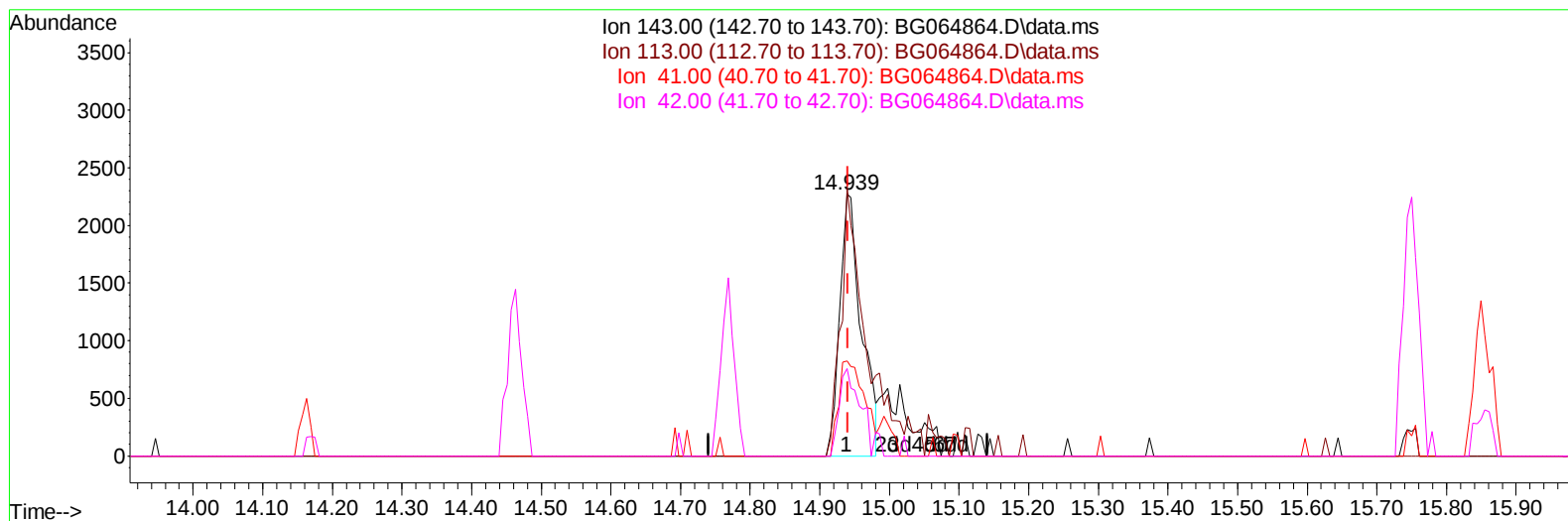
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064864.D
Acq On : 25 Nov 2025 17:17
Operator : RC/JU
Sample : Q3688-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-31I

Manual IntegrationsAPPROVED

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TIC: BG064864.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.939min (-0.002) 5.69 ng/u1

response 4902

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	90.10	102.86
41.00	40.40	36.25
42.00	23.60	33.44#

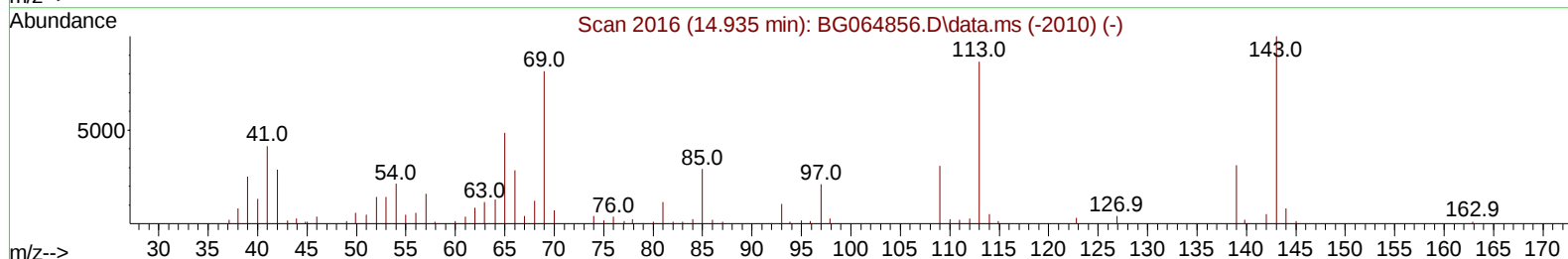
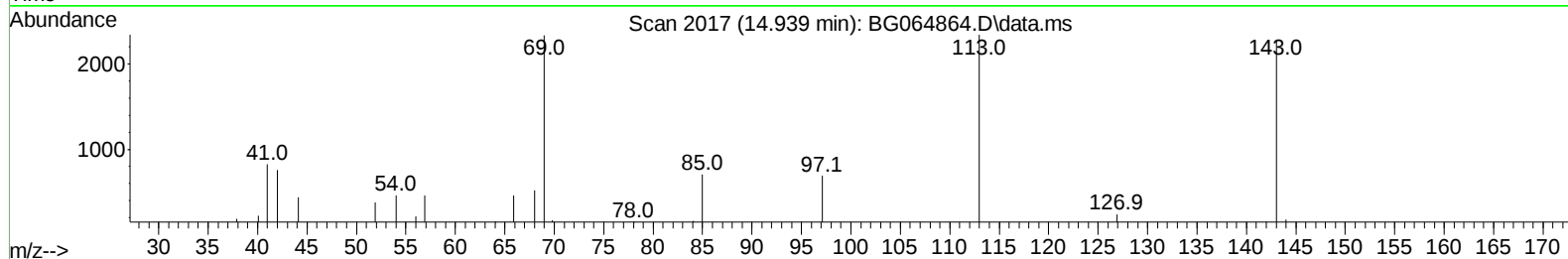
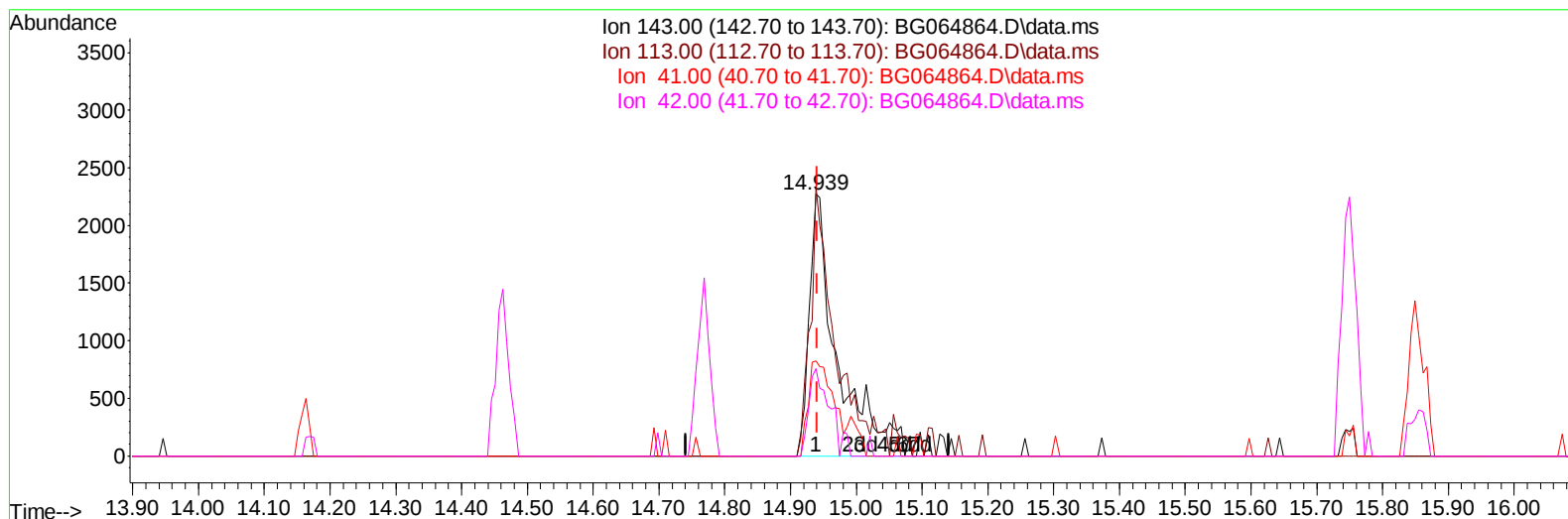
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064864.D
Acq On : 25 Nov 2025 17:17
Operator : RC/JU
Sample : Q3688-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-31I

Manual IntegrationsAPPROVED

Quant Time: Nov 25 17:52:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
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Supervised By :mohammad ahmed 12/03/2025



TIC: BG064864.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.939min (-0.002) 7.90 ng/u1 m

response 6811

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	90.10	102.86
41.00	40.40	36.25
42.00	23.60	33.44#

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 Sample : Q3688-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
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Quant Time: Nov 25 17:54:16 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	19889	20.000	ng/ul	0.00
20) Naphthalene-d8	10.973	136	76023	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.768	164	72250	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.495	188	188875	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.743	240	246609	20.000	ng/ul	# 0.00
88) Perylene-d12	24.992	264	275577	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	2277	4.538	ng/uL	0.00
4) Pyridine-d5	3.916	84	11945	8.639	ng/ul	0.00
7) Phenol-d5	7.295	99	12730	7.940	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.465	67	23546	22.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.688	132	28389	23.356	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	22312	16.146	ng/ul	0.00
21) Nitrobenzene-d5	9.316	128	16507	28.788	ng/ul	0.00
24) 2-Nitrophenol-d4	10.045	143	21017	30.859	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.585	165	38418	27.359	ng/ul	0.00
31) 4-Chloroaniline-d4	11.096	131	48274m	26.896	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	187814	33.047	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	175485	28.832	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	6811m	7.905	ng/ul	0.00
60) Fluorene-d10	15.750	176	172527	33.815	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.849	200	37359	30.895	ng/ul	0.00
73) Anthracene-d10	17.594	188	370880	38.861	ng/ul	0.00
81) Pyrene-d10	19.862	212	513500	40.538	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.768	264	572487	39.375	ng/ul	0.00
Target Compounds						
						Qvalue
34) Caprolactam	11.872	113	1624m	3.549	ng/ul	

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

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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