

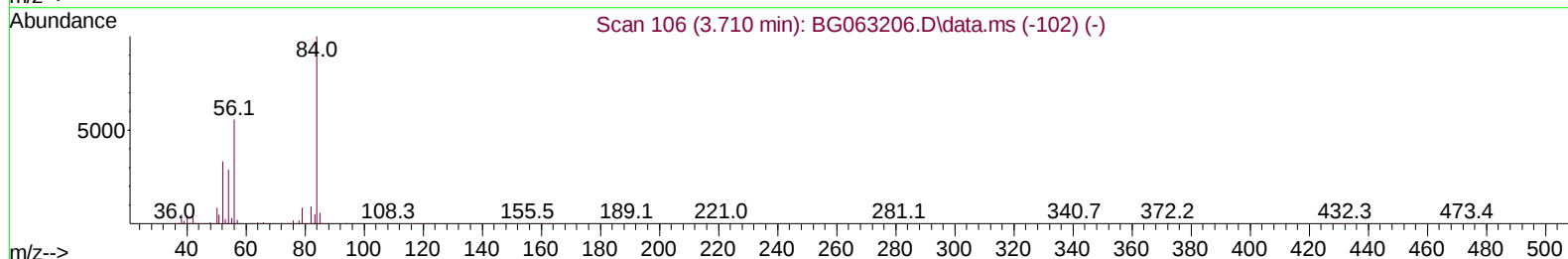
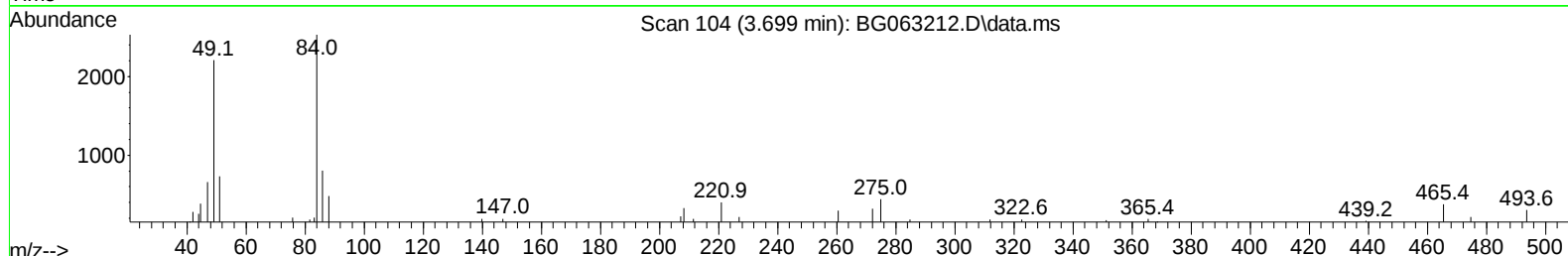
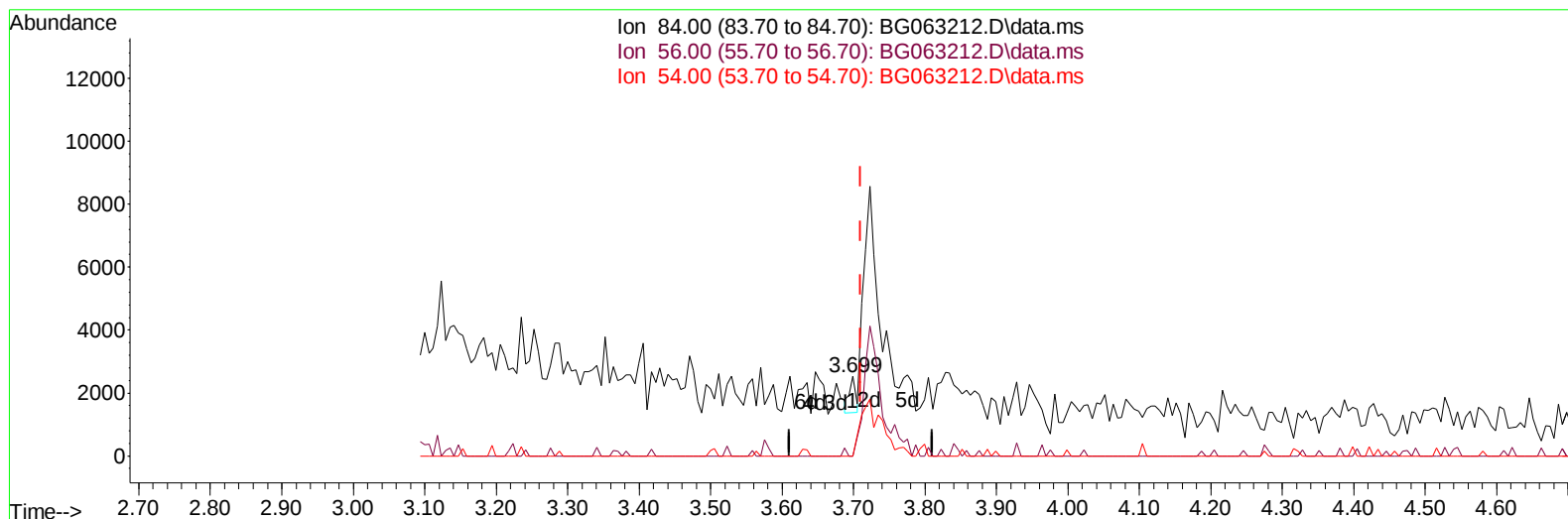
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063212.D
Acq On : 7 Nov 2024 21:21
Operator : RC/JU
Sample : P4585-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4ED9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 23:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063212.D\data.ms

(4) Pyridine-d5 (S)

3.699min (-0.011) 0.11 ng/u1

response 696

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	60.80	0.00#
54.00	35.10	0.00#
0.00	0.00	0.00

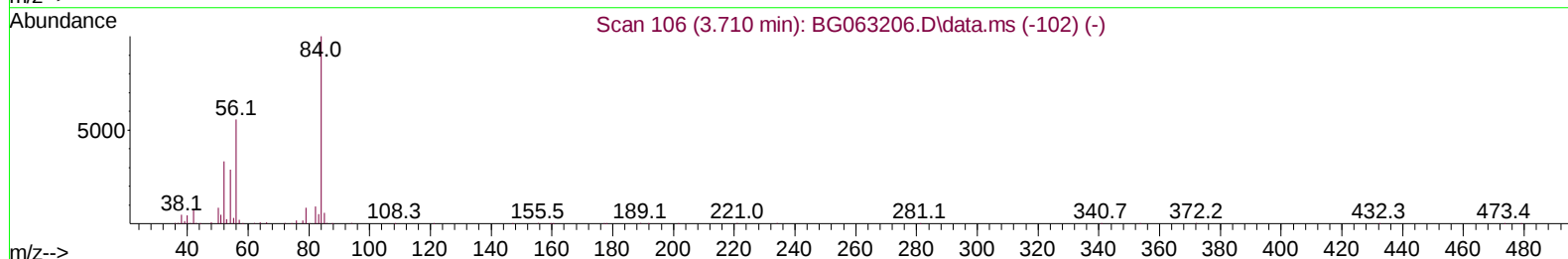
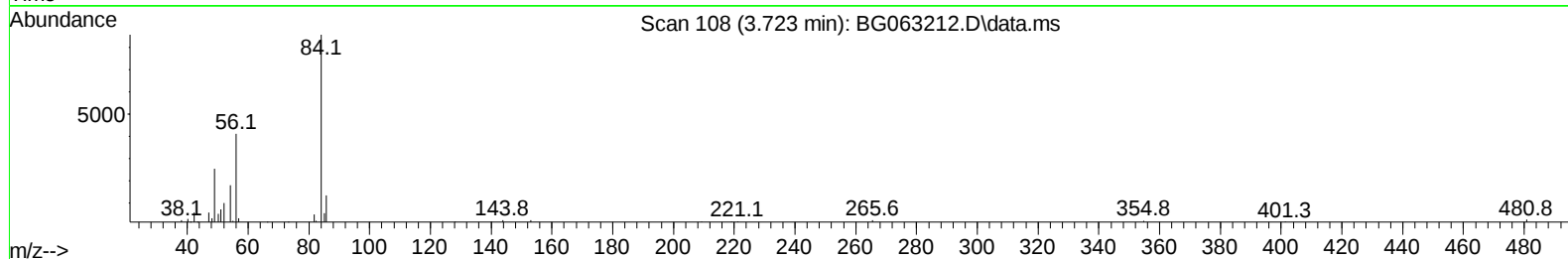
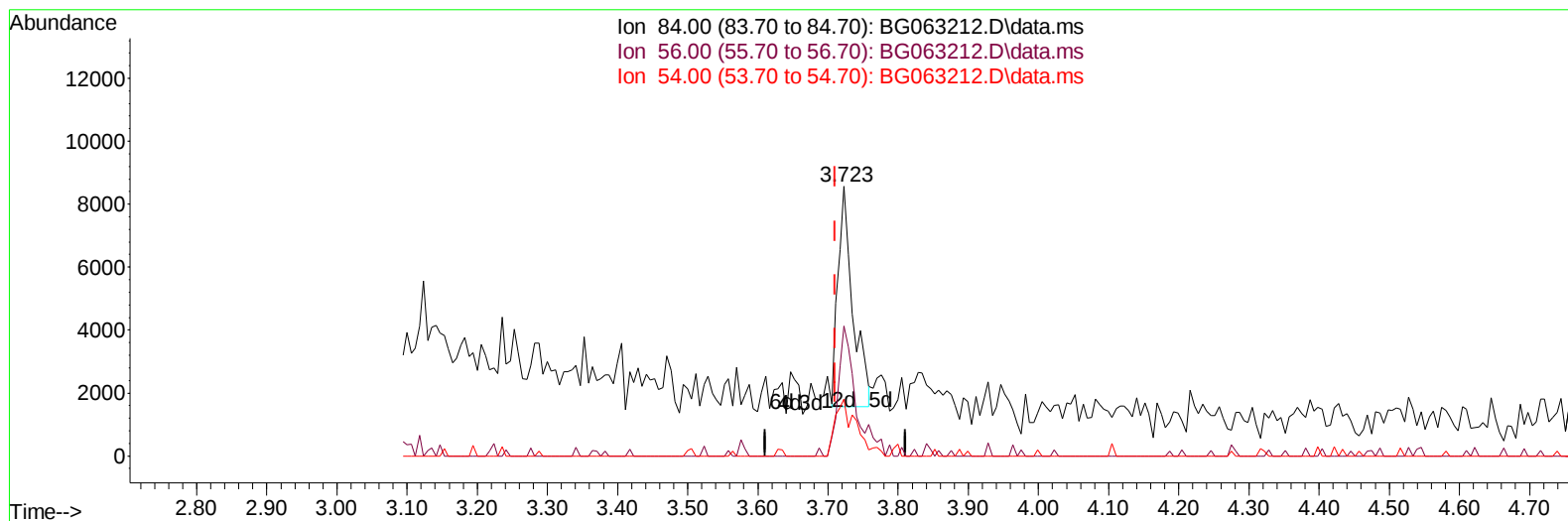
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063212.D
Acq On : 7 Nov 2024 21:21
Operator : RC/JU
Sample : P4585-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4ED9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 23:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063212.D\data.ms

(4) Pyridine-d5 (S)

3.723min (+ 0.012) 1.57 ng/ul m

response 10316

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	60.80	48.22#
54.00	35.10	21.11#
0.00	0.00	0.00

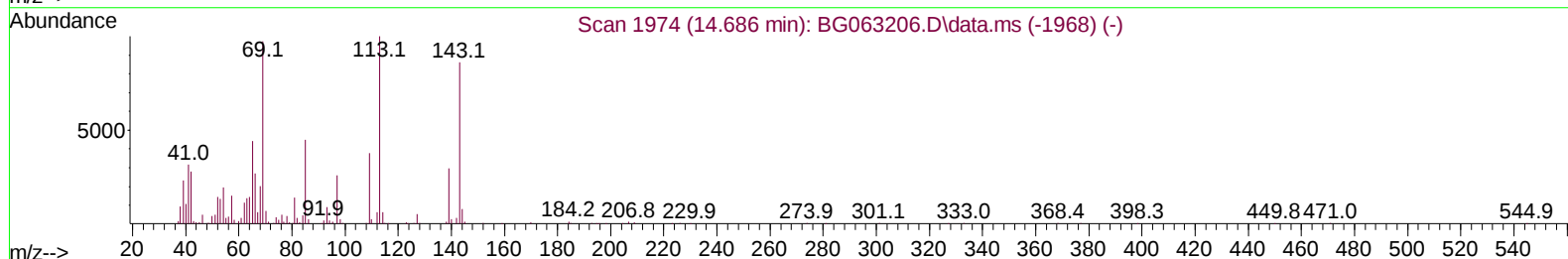
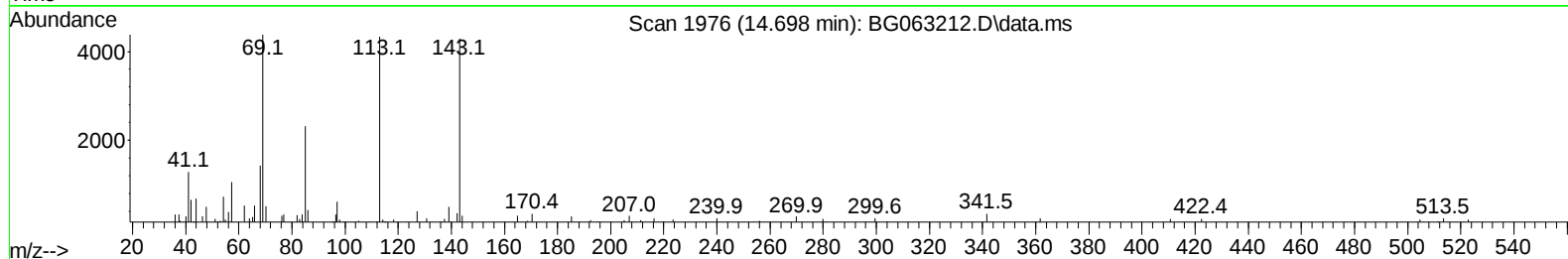
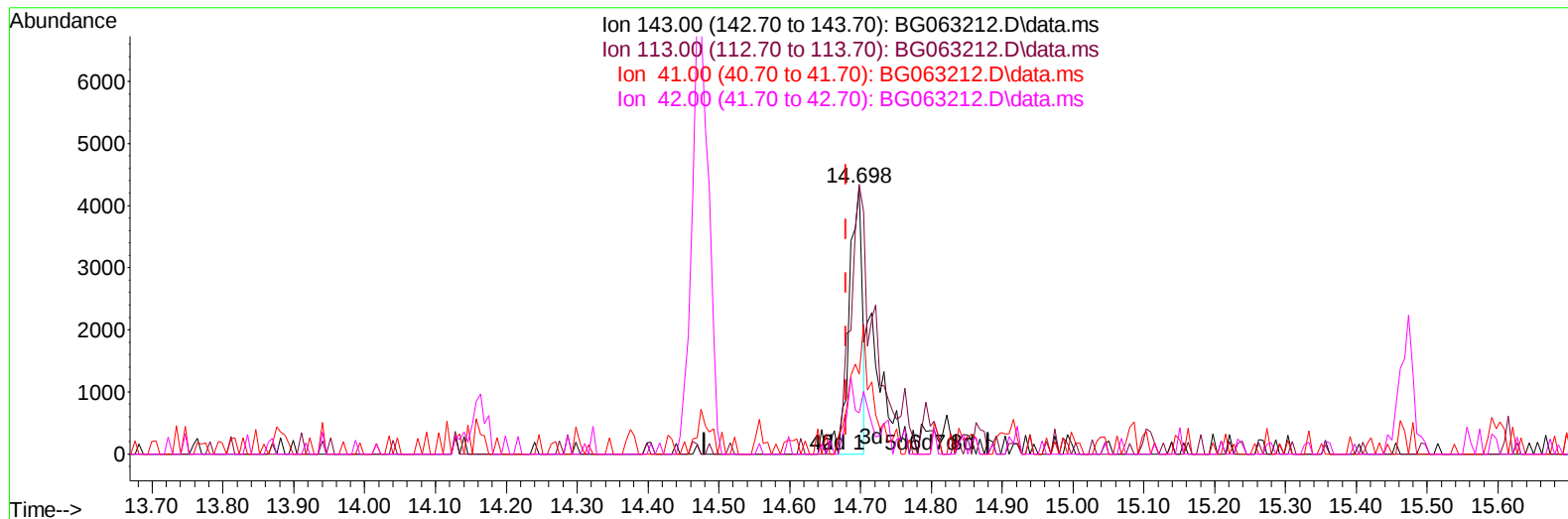
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063212.D
Acq On : 7 Nov 2024 21:21
Operator : RC/JU
Sample : P4585-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4ED9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 23:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063212.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.698min (+ 0.018) 1.20 ng/u1

response 5216

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	101.19
41.00	42.60	30.01#
42.00	30.90	15.36#

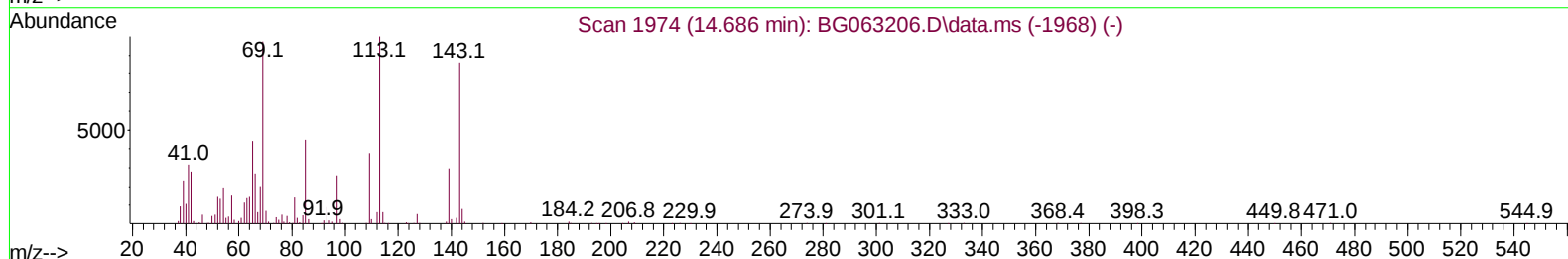
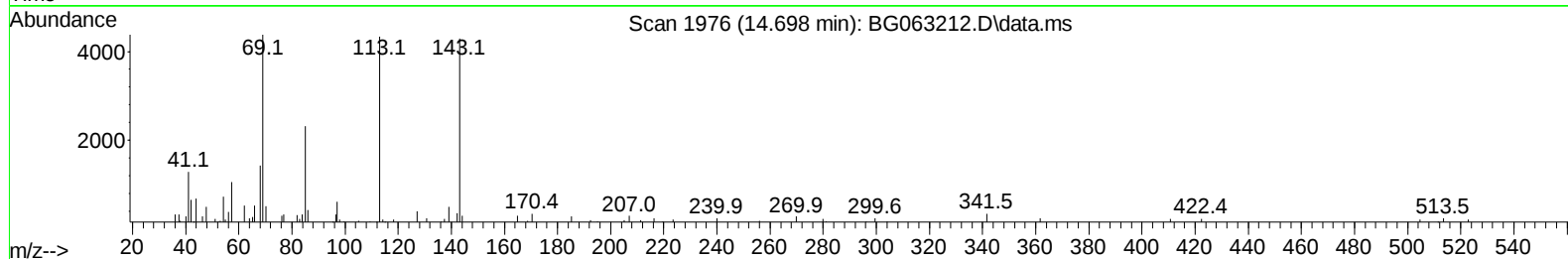
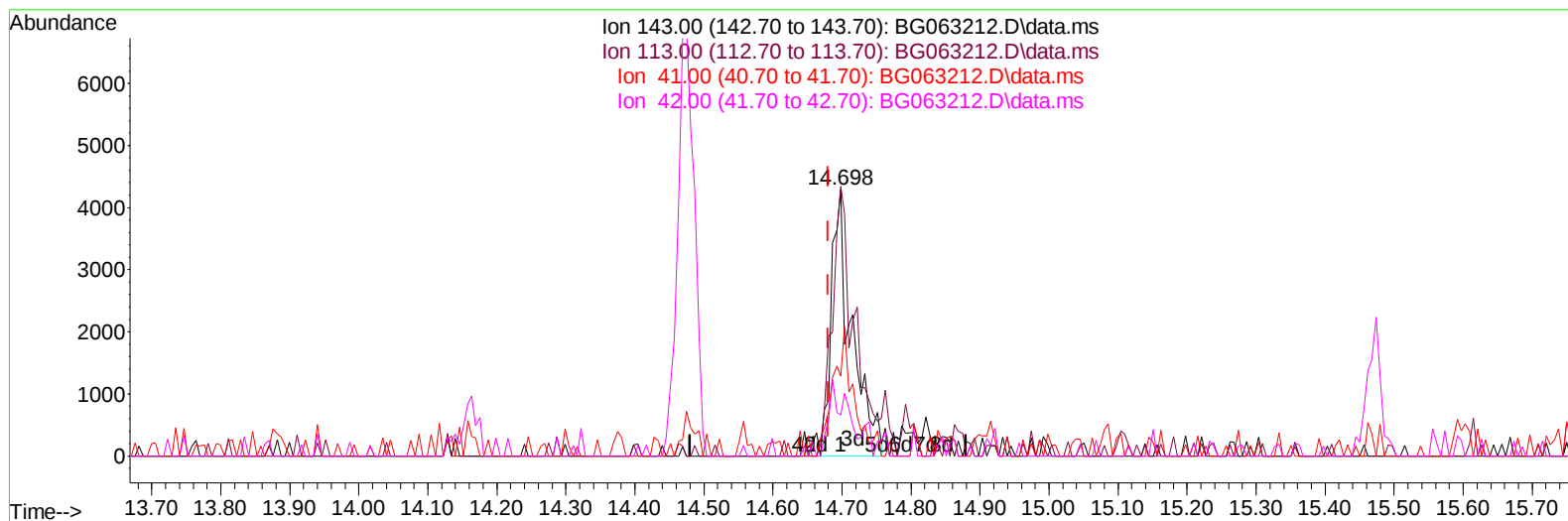
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063212.D
Acq On : 7 Nov 2024 21:21
Operator : RC/JU
Sample : P4585-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4ED9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 23:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063212.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.698min (+ 0.018) 2.02 ng/ul m

response 8773

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	101.19
41.00	42.60	30.01#
42.00	30.90	15.36#

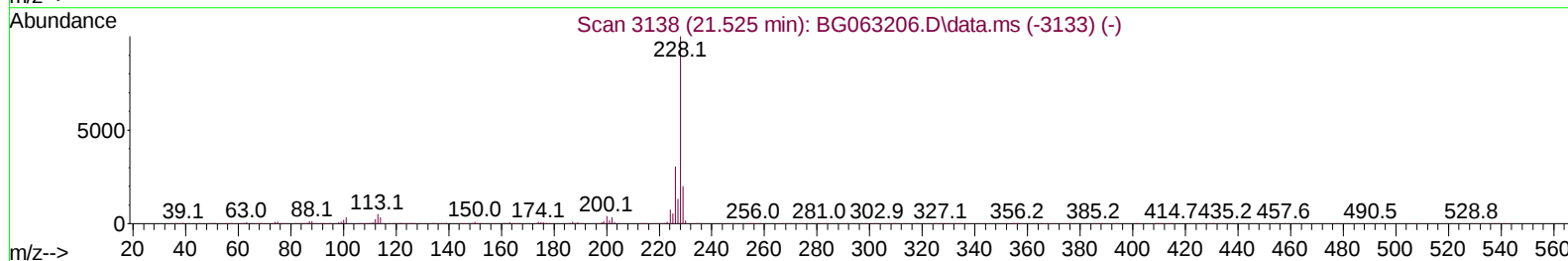
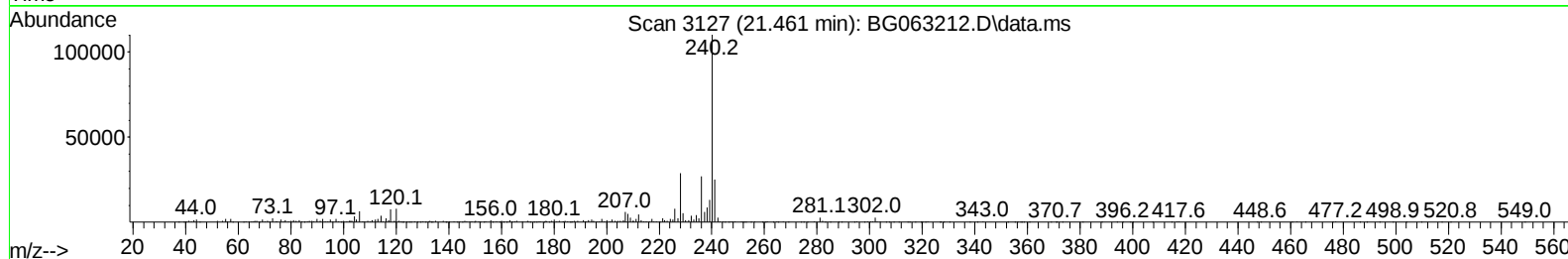
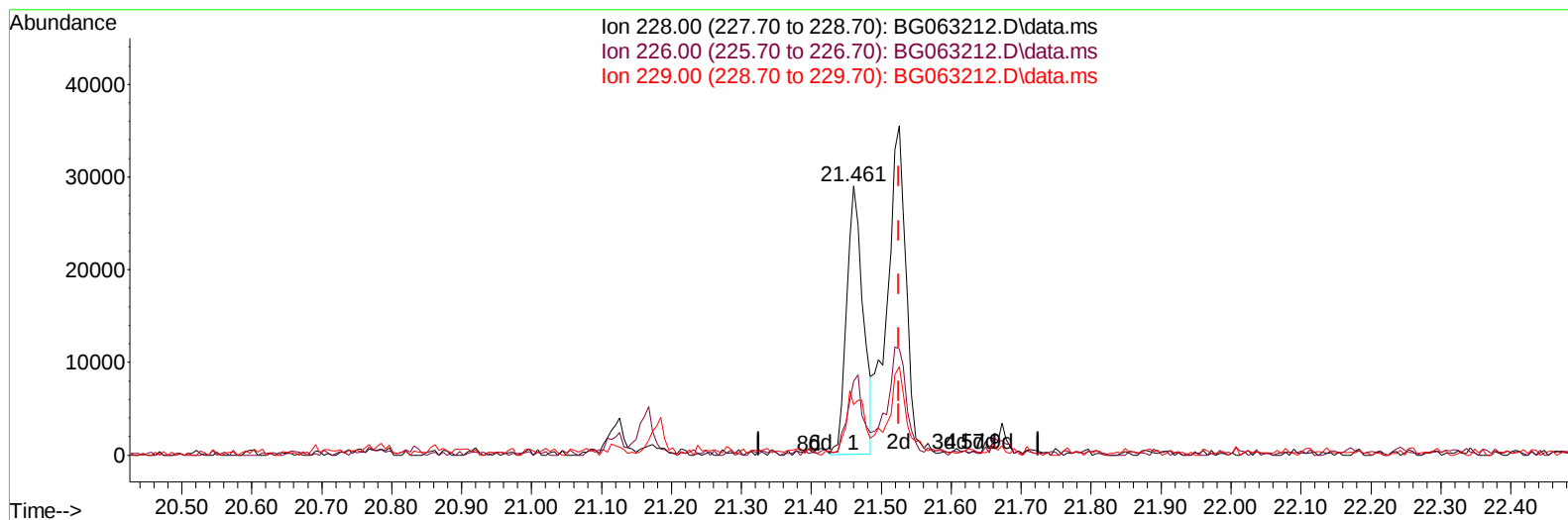
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063212.D
Acq On : 7 Nov 2024 21:21
Operator : RC/JU
Sample : P4585-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4ED9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 23:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063212.D\data.ms

(87) Chrysene

21.461min (-0.064) 0.77 ng/u1

response 47876

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	27.39
229.00	20.70	18.84
0.00	0.00	0.00

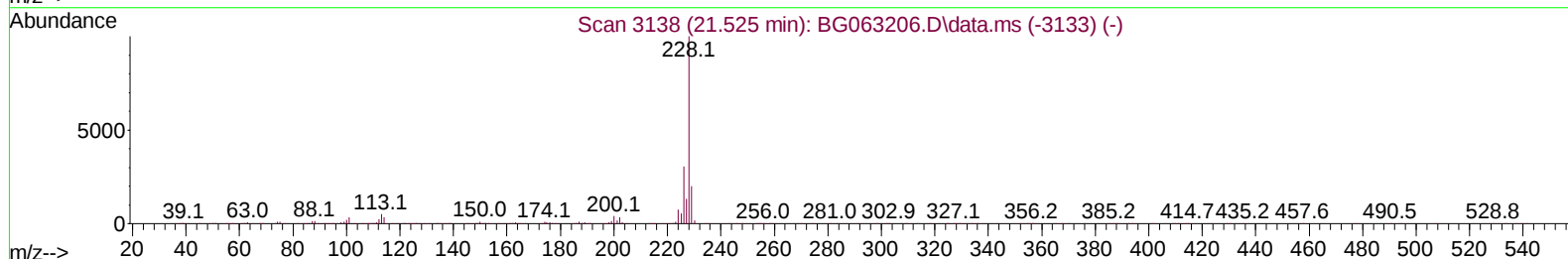
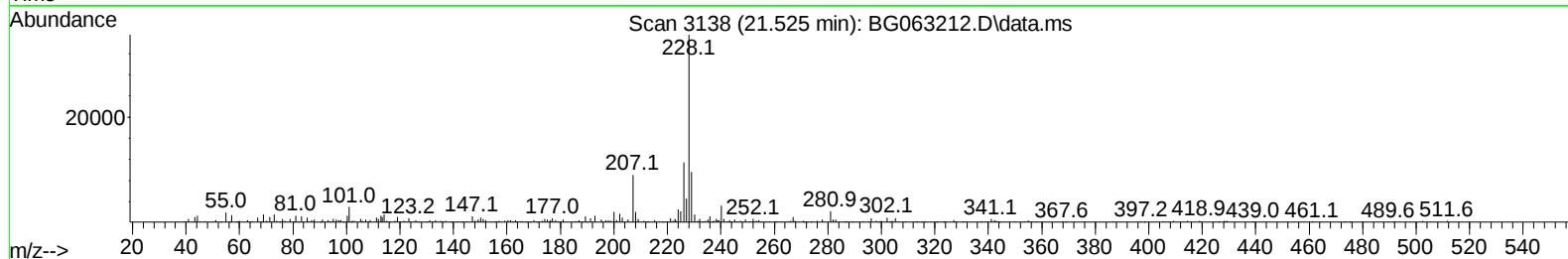
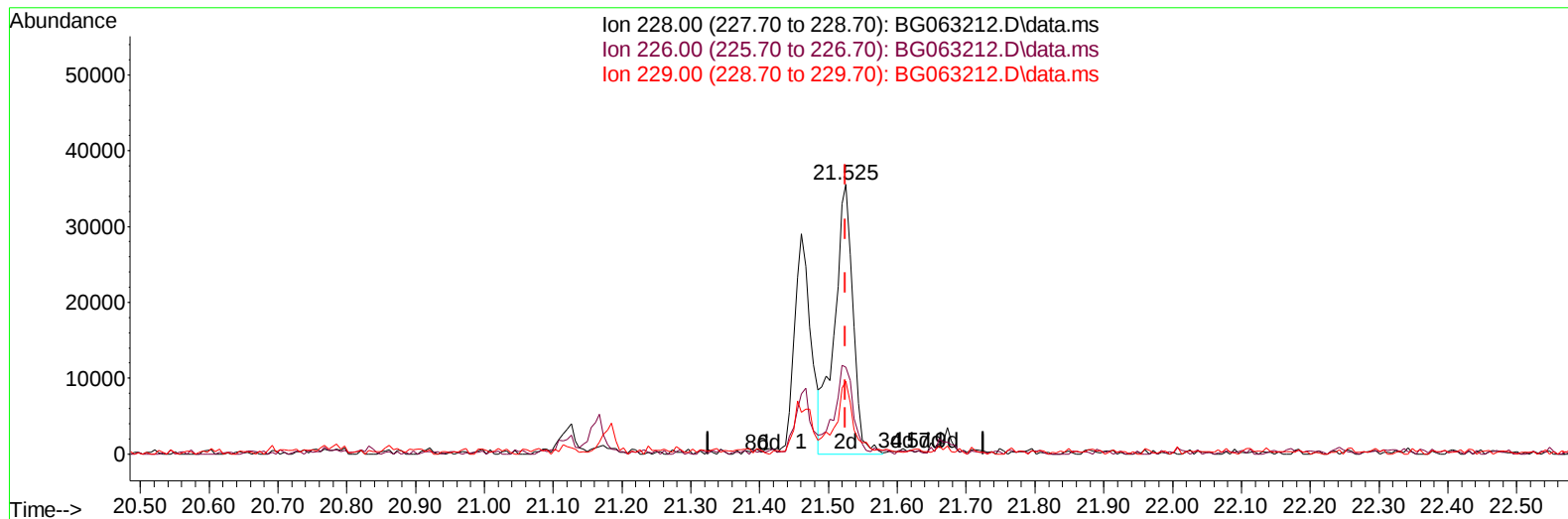
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063212.D
Acq On : 7 Nov 2024 21:21
Operator : RC/JU
Sample : P4585-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4ED9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 23:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063212.D\data.ms

(87) Chrysene

21.525min (+ 0.000) 1.07 ng/ul m

response 67165

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	32.17
229.00	20.70	26.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063212.D
 Acq On : 7 Nov 2024 21:21
 Operator : RC/JU
 Sample : P4585-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4ED9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 23:45:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	90132	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	424057	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	405959	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	1006429	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1060940	20.000	ng/ul	0.00
88) Perylene-d12	24.516	264	1145306	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	1252	0.628	ng/uL	0.00
4) Pyridine-d5	3.723	84	10316m	1.566	ng/ul	0.01
7) Phenol-d5	7.013	99	27381	3.367	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.172	67	15308	3.209	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	20881	3.956	ng/ul	0.00
15) 4-Methylphenol-d8	8.547	113	18904	2.742	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	11522	3.865	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	13280	3.447	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.256	165	26200	3.465	ng/ul	0.00
31) 4-Chloroaniline-d4	10.773	131	21298	2.162	ng/ul	0.01
46) Dimethylphthalate-d6	13.881	166	114250	3.593	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	112056	3.600	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	8773m	2.015	ng/ul	0.02
60) Fluorene-d10	15.474	176	107614	4.010	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	7790	1.232	ng/ul	0.00
73) Anthracene-d10	17.325	188	168916	3.905	ng/ul	0.00
81) Pyrene-d10	19.622	212	183593	3.451	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.305	264	124450	2.251	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.664	105	38247	3.446	ng/ul	95
80) Fluoranthene	19.287	202	112647	1.959	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.379	149	168537	6.496	ng/ul	99
87) Chrysene	21.525	228	67165m	1.073	ng/ul	
90) Benzo(b)fluoranthene	23.558	252	80213	1.164	ng/ul#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063212.D
Acq On : 7 Nov 2024 21:21
Operator : RC/JU
Sample : P4585-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4ED9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 23:45:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

