

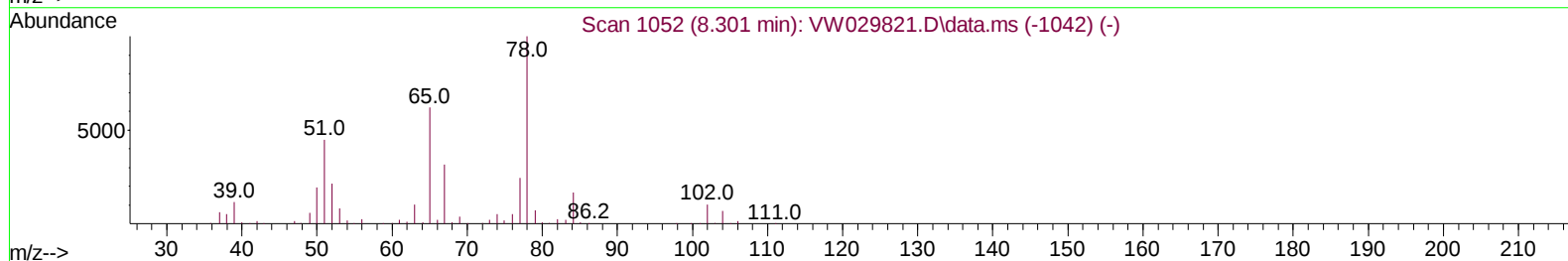
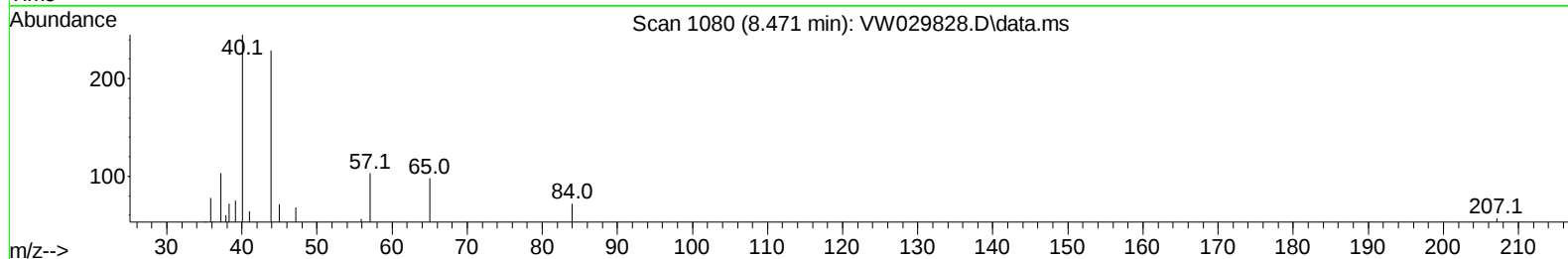
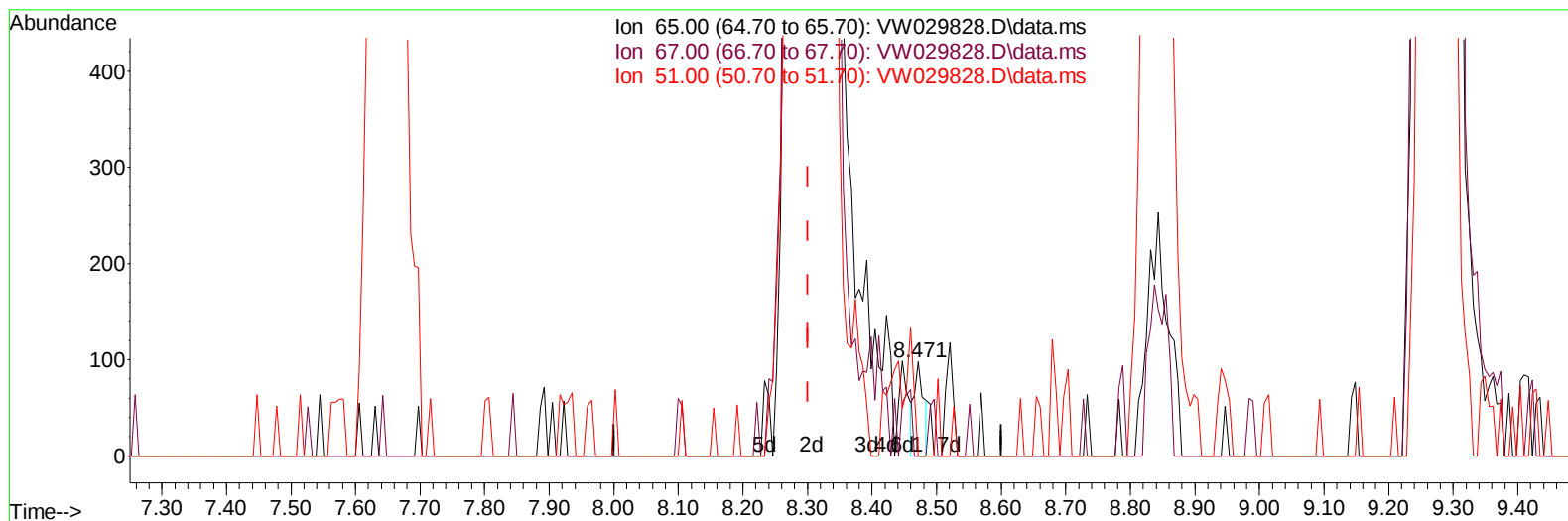
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080124\
 Data File : VW029828.D
 Acq On : 01 Aug 2024 13:02
 Operator : SY/MD
 Sample : P3328-10
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHCM8

Manual IntegrationsAPPROVED

Quant Time: Aug 02 01:47:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 02 01:45:39 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/05/2024



TIC: VW029828.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.471min (+ 0.171) 0.03 ug/L

response 102

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.90	66.67
51.00	120.50	94.12
0.00	0.00	0.00

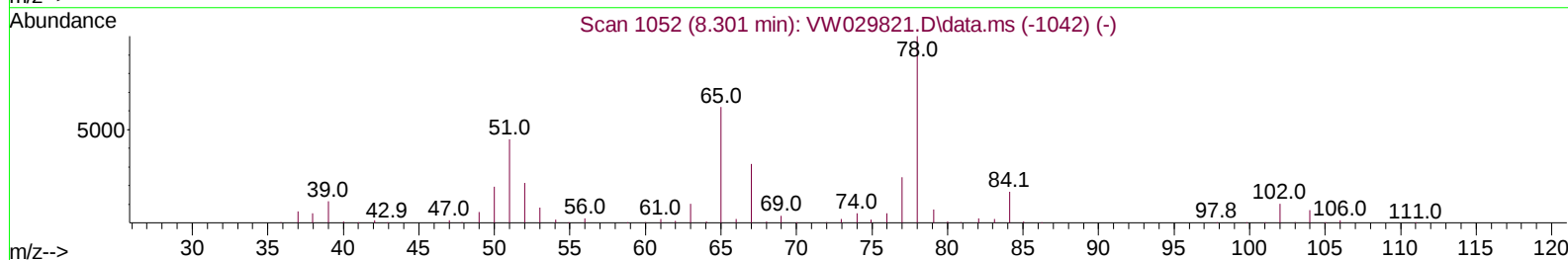
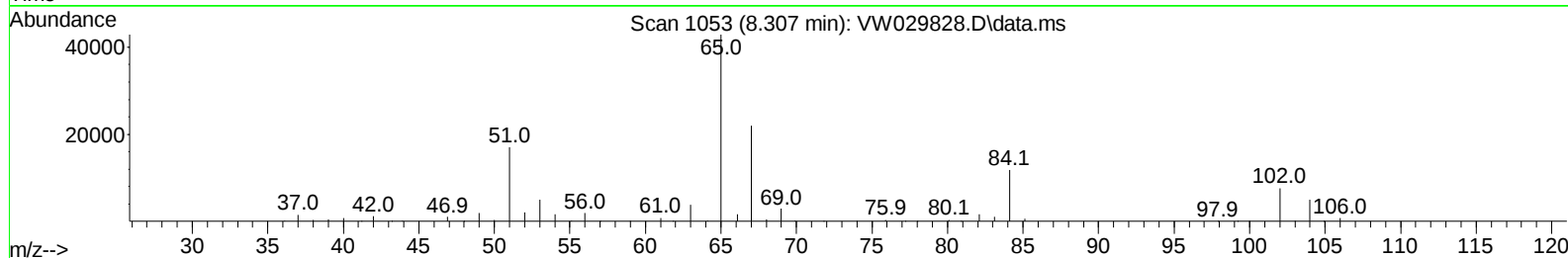
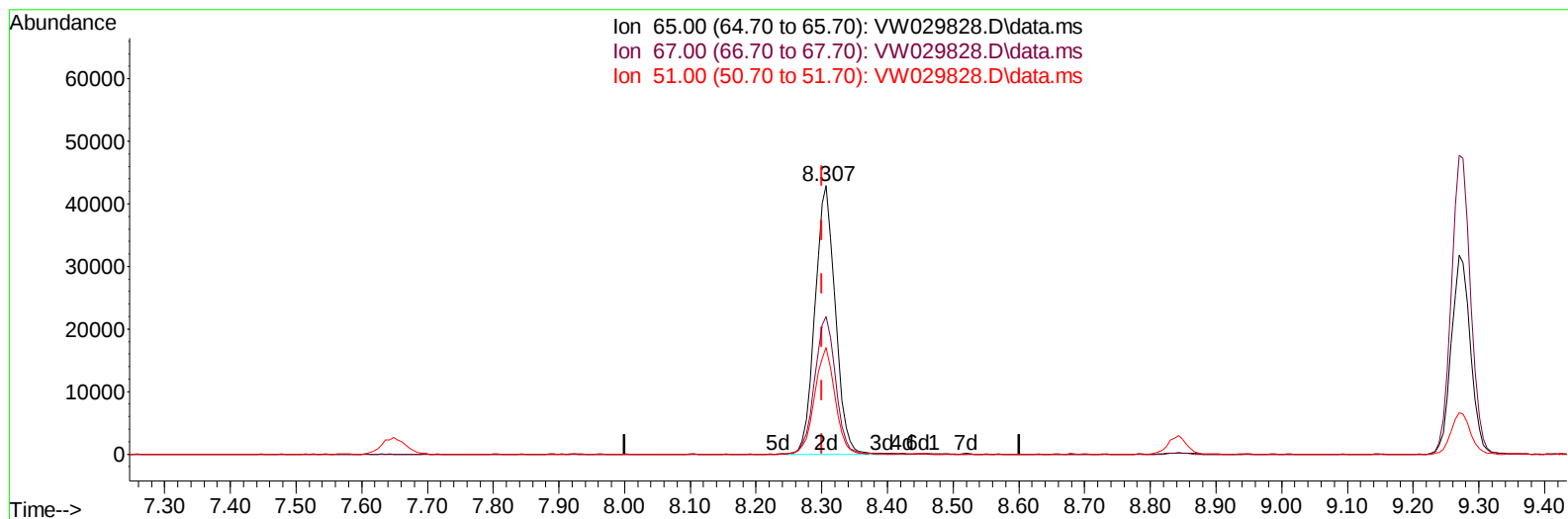
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080124\
 Data File : VW029828.D
 Acq On : 01 Aug 2024 13:02
 Operator : SY/MD
 Sample : P3328-10
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHCM8

Manual IntegrationsAPPROVED

Quant Time: Aug 02 01:47:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 02 01:45:39 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/05/2024



TIC: VW029828.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.307min (+ 0.006) 27.17 ug/L m

response 92352

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.90	0.07#
51.00	120.50	0.10#
0.00	0.00	0.00

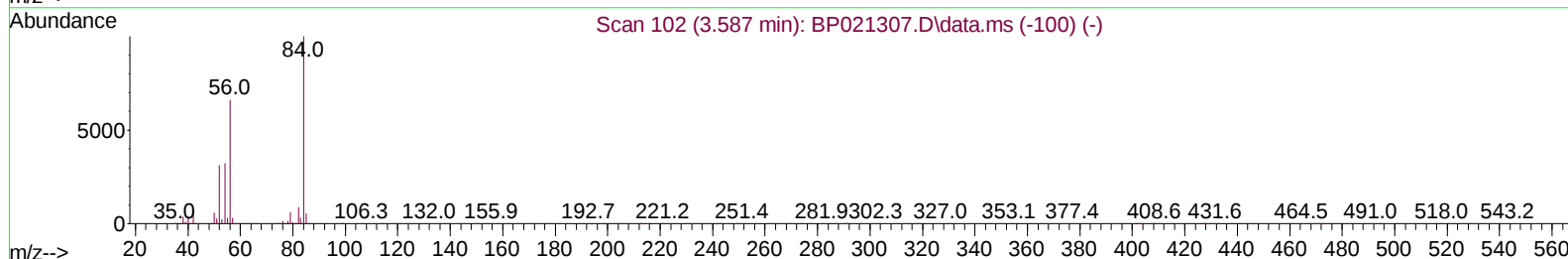
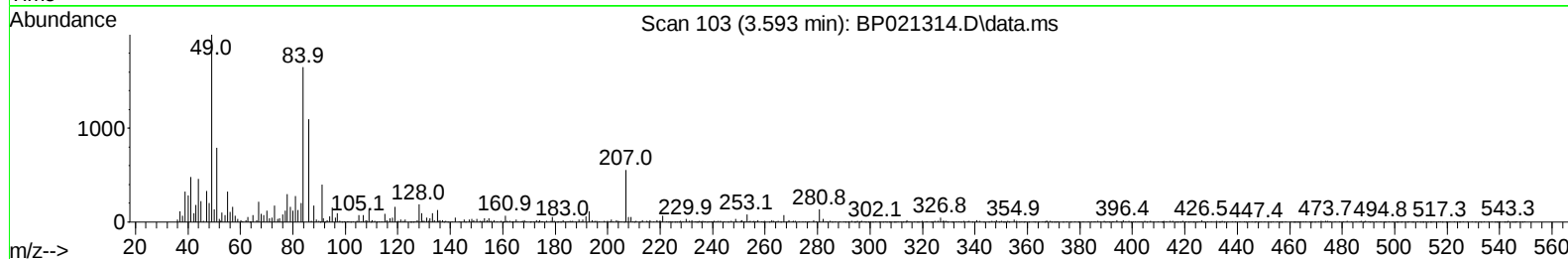
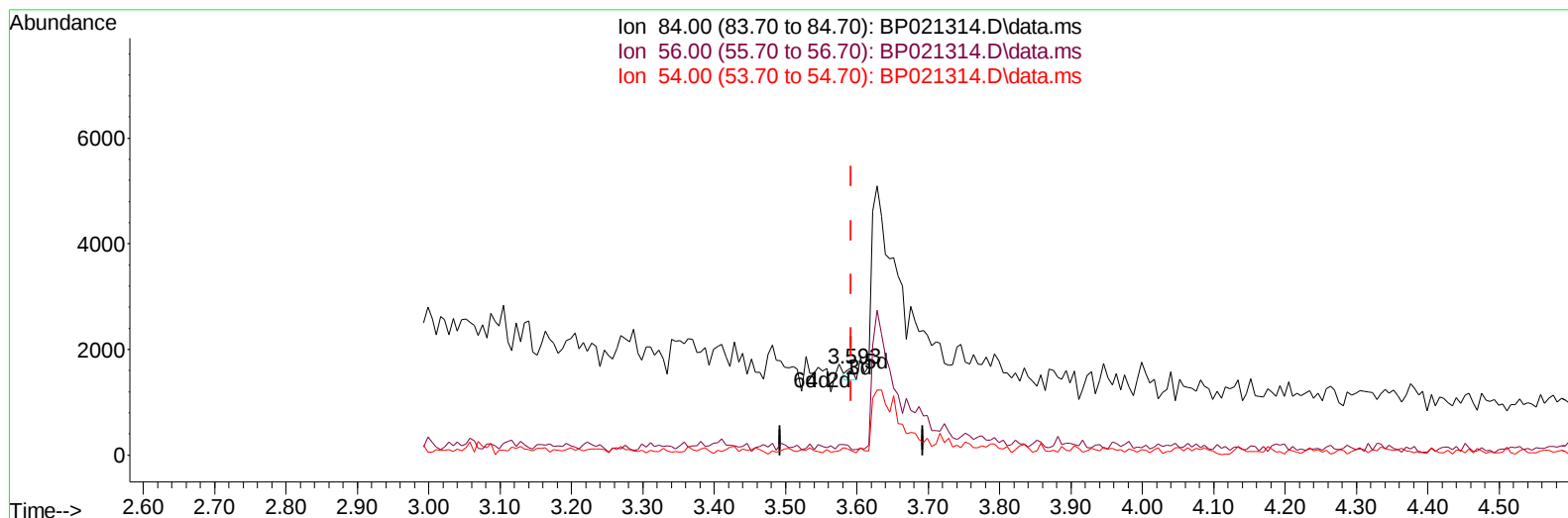
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021314.D
 Acq On : 02 Aug 2024 09:33
 Operator : CG/JU
 Sample : P3397-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHCM8

Manual IntegrationsAPPROVED

Quant Time: Aug 02 10:47:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/05/2024



TIC: BP021314.D\data.ms

(4) Pyridine-d5 (S)

3.593min (+ 0.000) 0.02 ng/u1

response 145

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	70.20	6.61#
54.00	34.30	4.49#
0.00	0.00	0.00

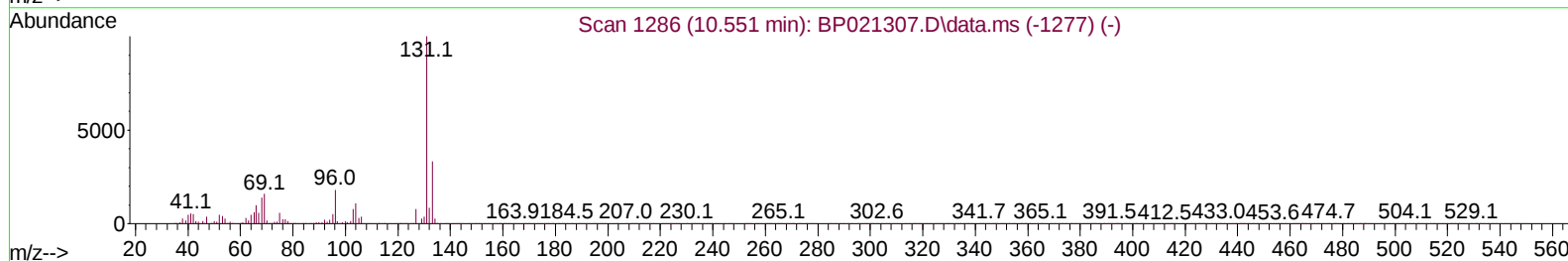
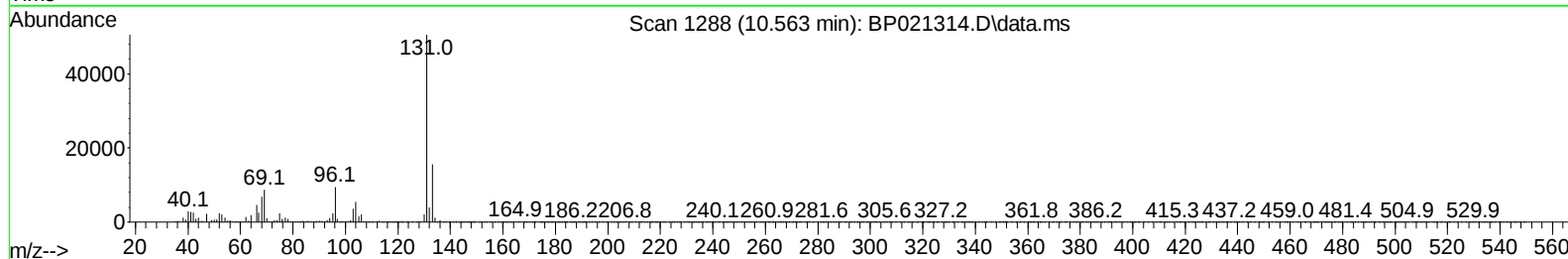
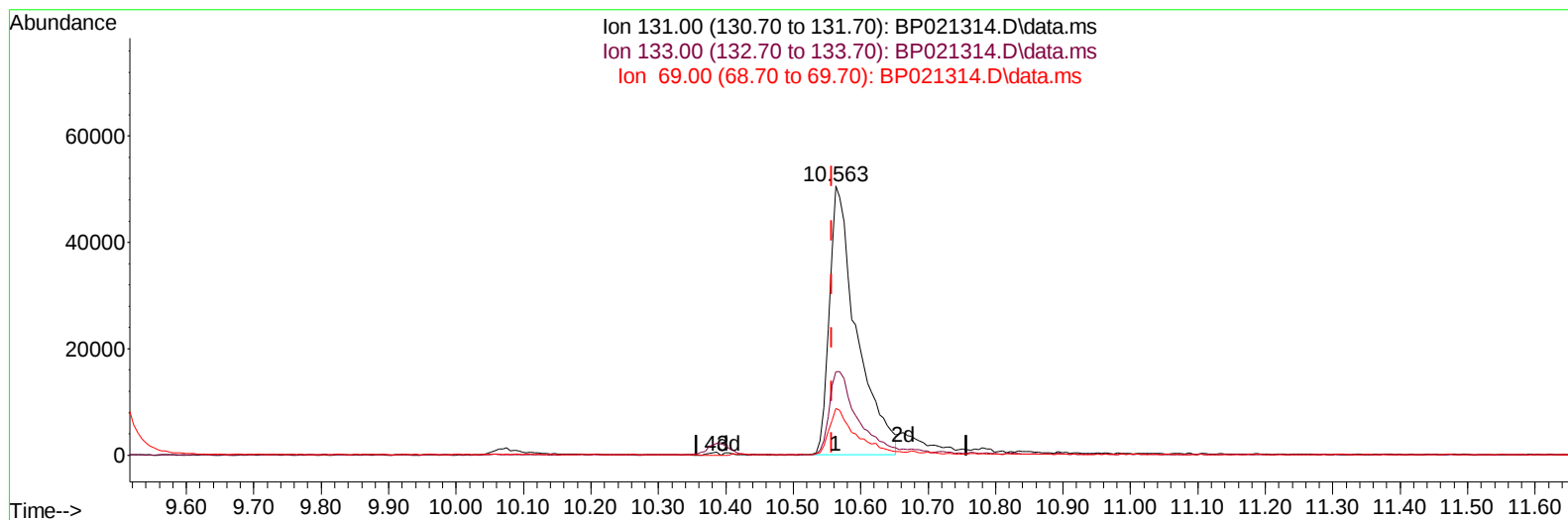
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021314.D
Acq On : 02 Aug 2024 09:33
Operator : CG/JU
Sample : P3397-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHCM8

Manual IntegrationsAPPROVED

Quant Time: Aug 02 10:47:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021314.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.563min (+ 0.006) 11.48 ng/u1

response 141697

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	30.95
69.00	17.40	17.37
0.00	0.00	0.00

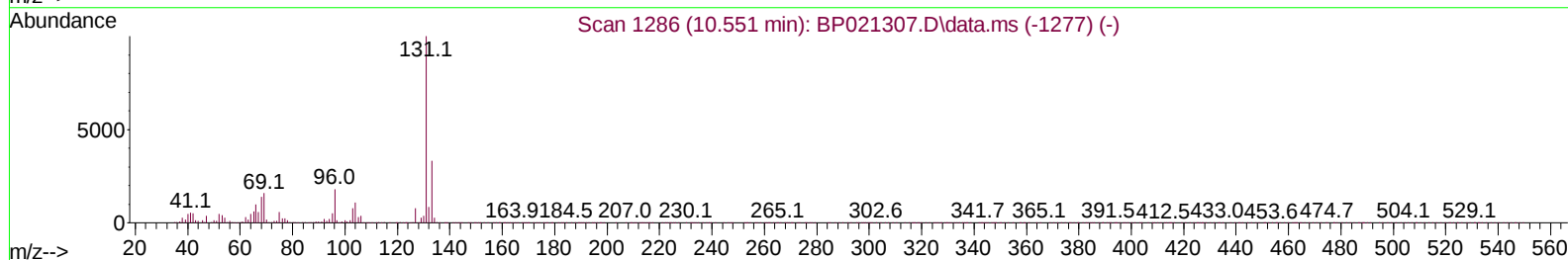
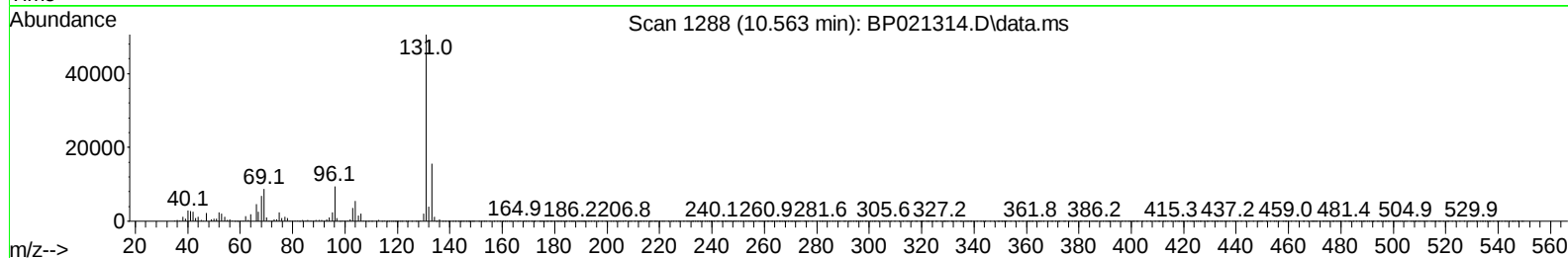
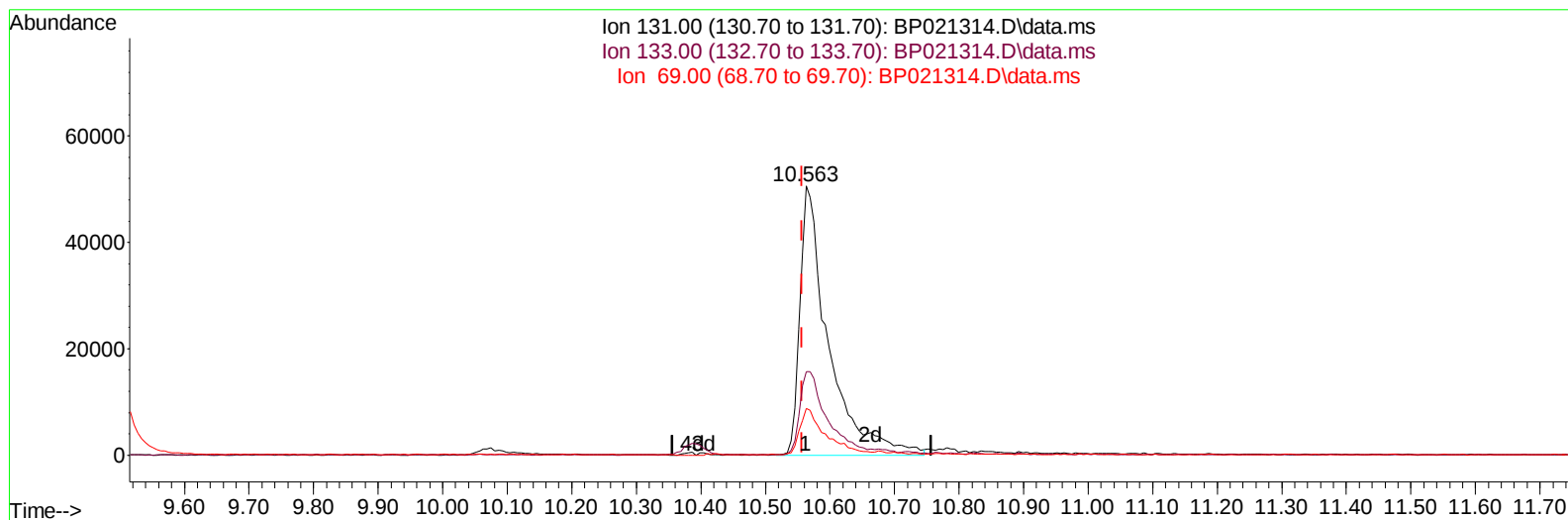
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021314.D
 Acq On : 02 Aug 2024 09:33
 Operator : CG/JU
 Sample : P3397-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHCM8

Manual IntegrationsAPPROVED

Quant Time: Aug 02 10:47:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/05/2024



TIC: BP021314.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.563min (+ 0.006) 12.55 ng/ul m

response 154926

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	30.95
69.00	17.40	17.37
0.00	0.00	0.00

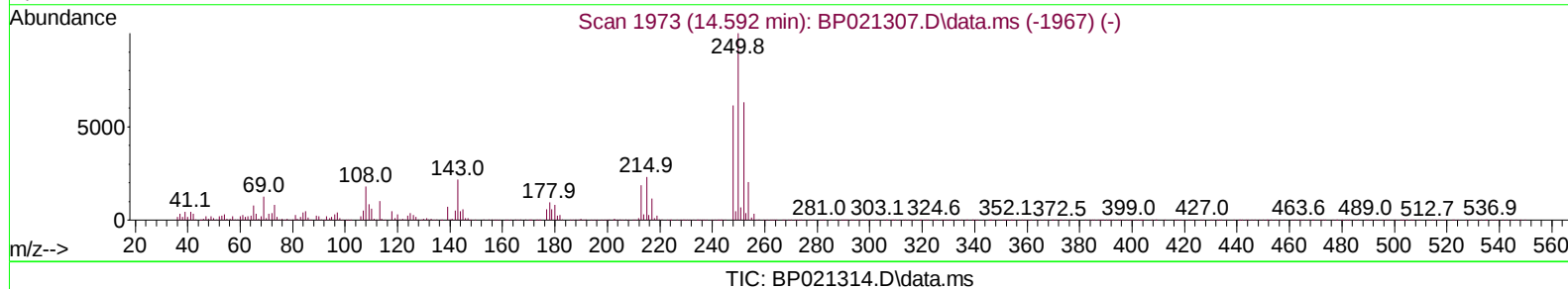
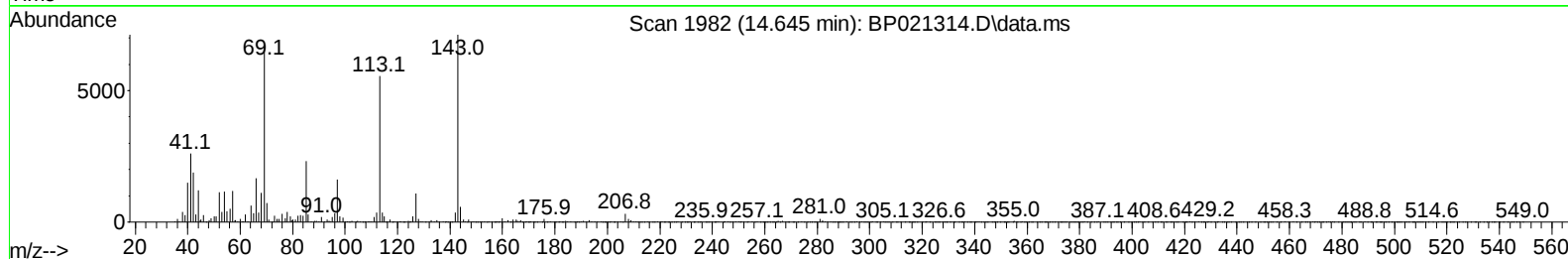
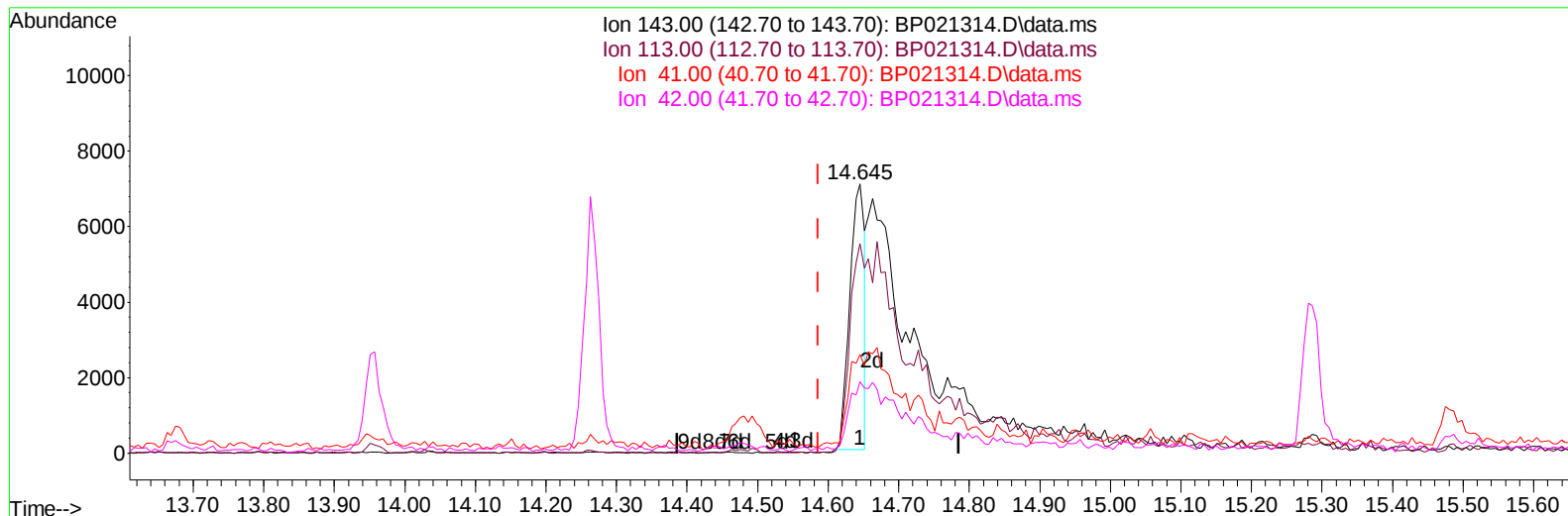
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021314.D
 Acq On : 02 Aug 2024 09:33
 Operator : CG/JU
 Sample : P3397-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHCM8

Manual IntegrationsAPPROVED

Quant Time: Aug 02 10:47:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
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(54) 4-Nitrophenol-d4 (S)

14.645min (+ 0.059) 2.68 ng/u1

response 10286

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	77.92
41.00	37.90	36.57
42.00	27.10	26.56

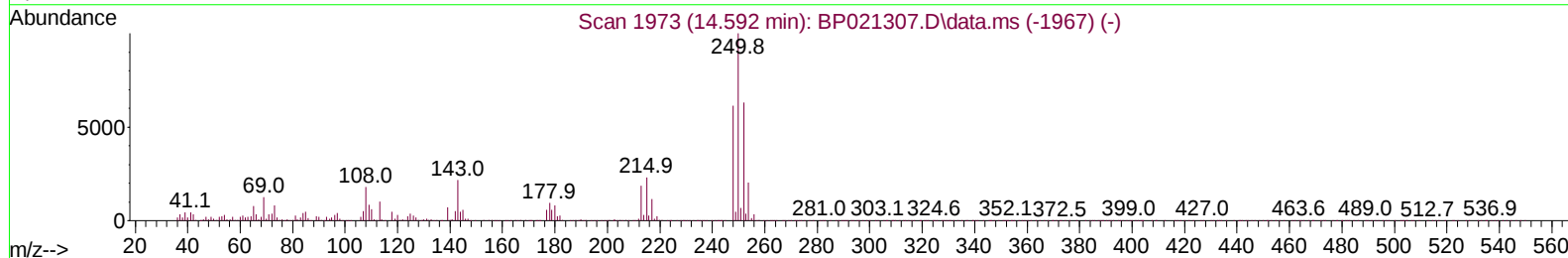
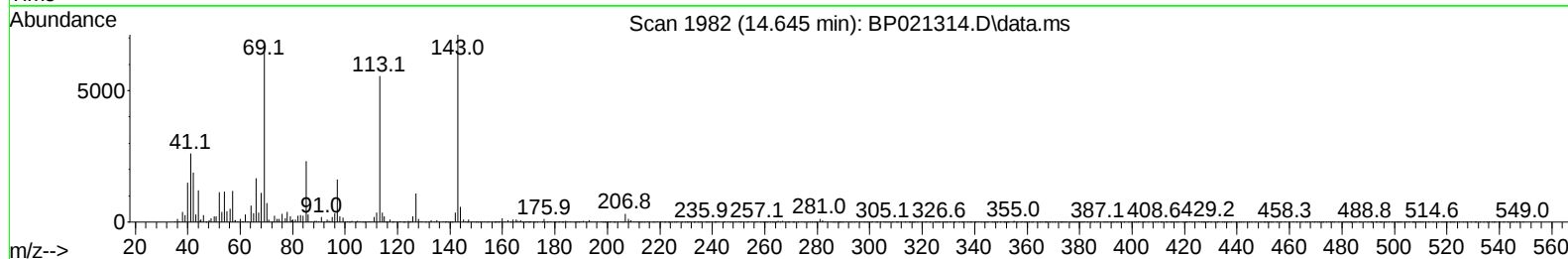
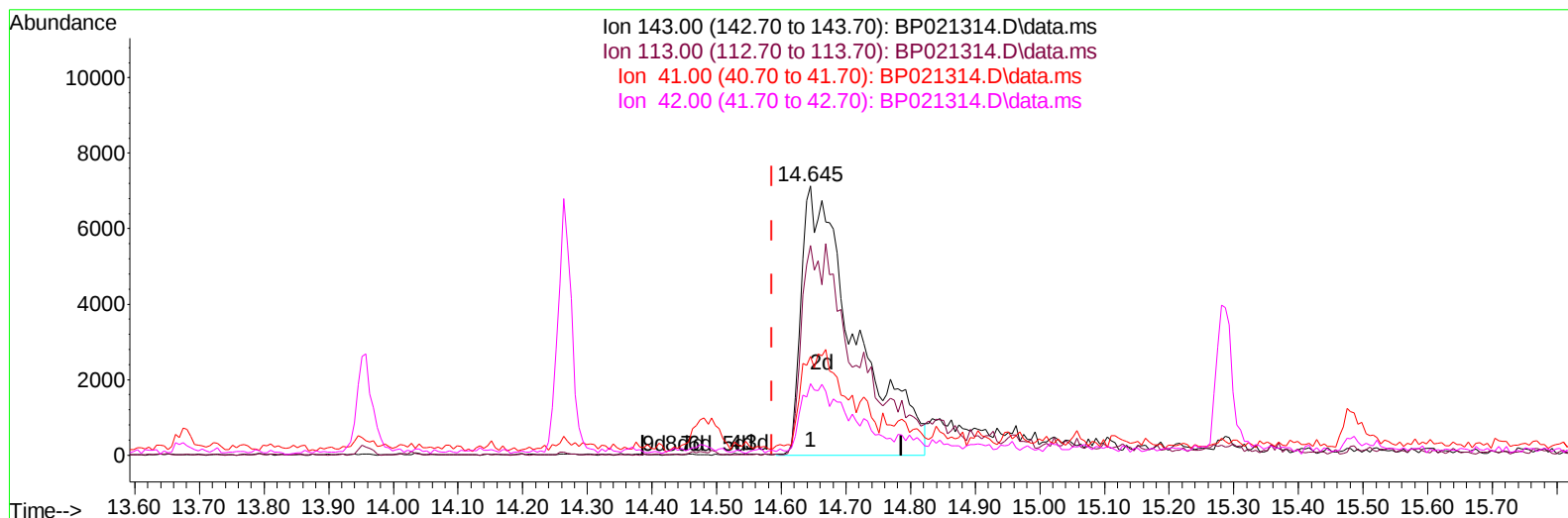
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021314.D
 Acq On : 02 Aug 2024 09:33
 Operator : CG/JU
 Sample : P3397-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHCM8

Manual IntegrationsAPPROVED

Quant Time: Aug 02 10:47:58 2024
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 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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 Supervised By :mohammad ahmed 08/05/2024



TIC: BP021314.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.645min (+ 0.059) 10.61 ng/ul m

response 40703

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	77.92
41.00	37.90	36.57
42.00	27.10	26.56

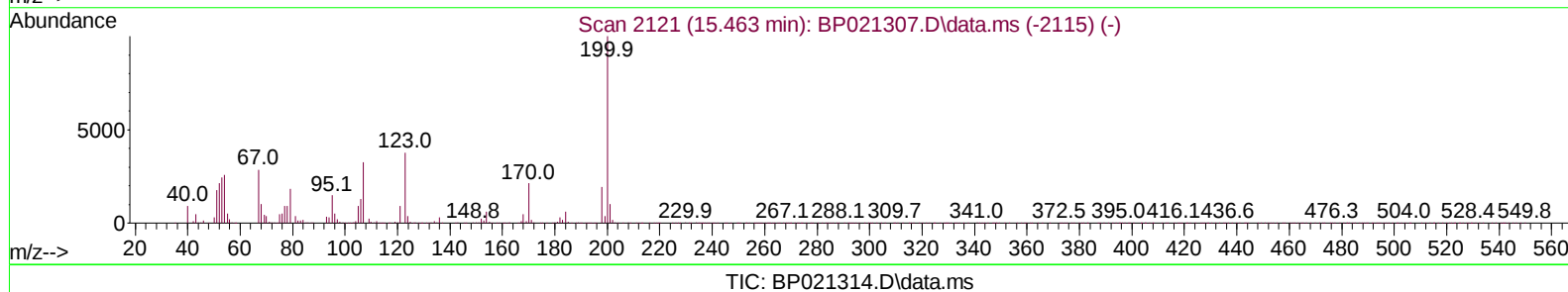
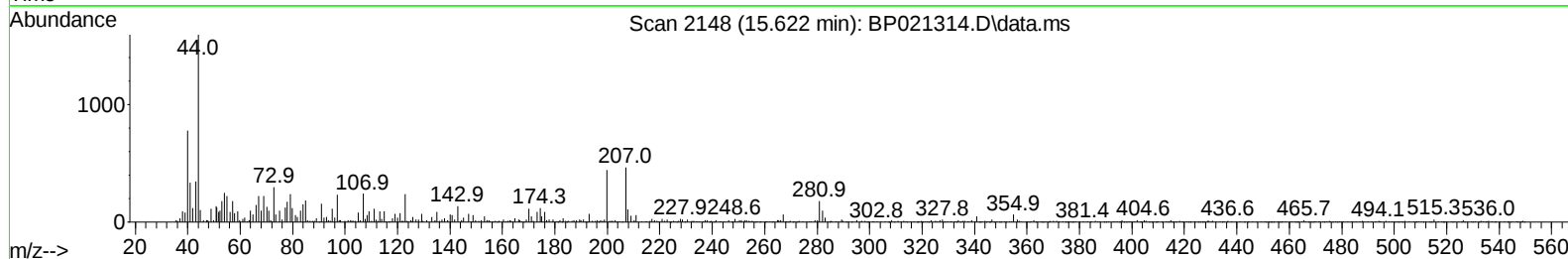
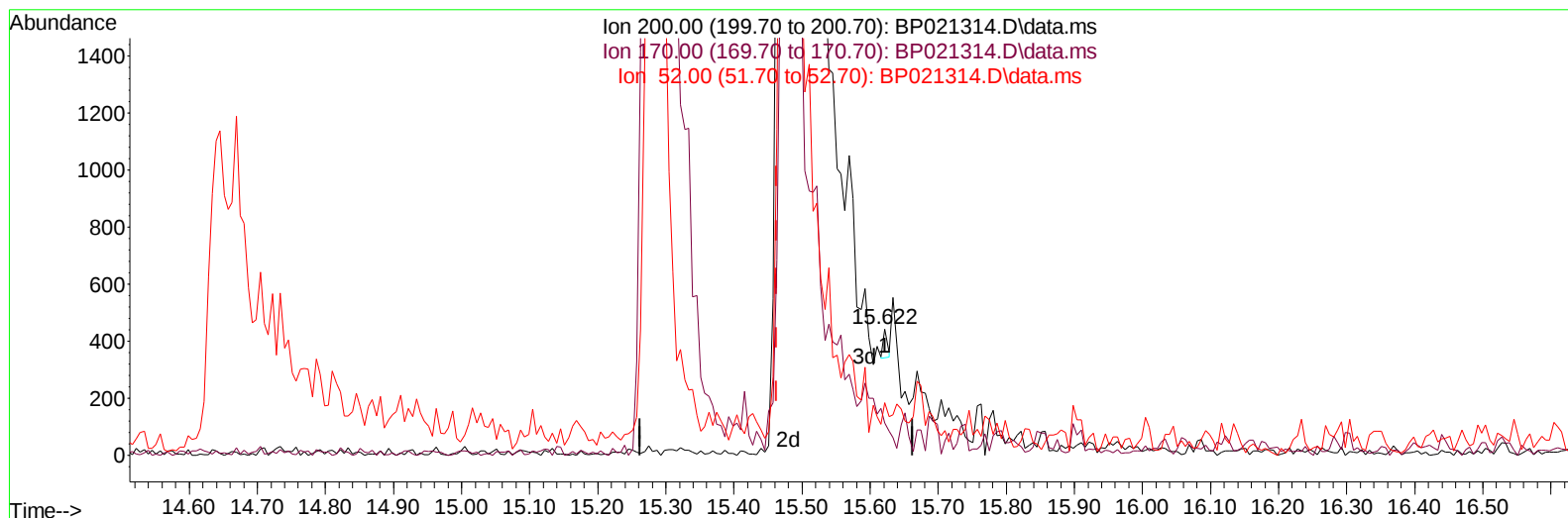
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021314.D
Acq On : 02 Aug 2024 09:33
Operator : CG/JU
Sample : P3397-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHCM8

Manual IntegrationsAPPROVED

Quant Time: Aug 02 10:47:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.622min (+ 0.159) 0.01 ng/u1

response	41	
Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	24.84
52.00	38.50	40.66
0.00	0.00	0.00

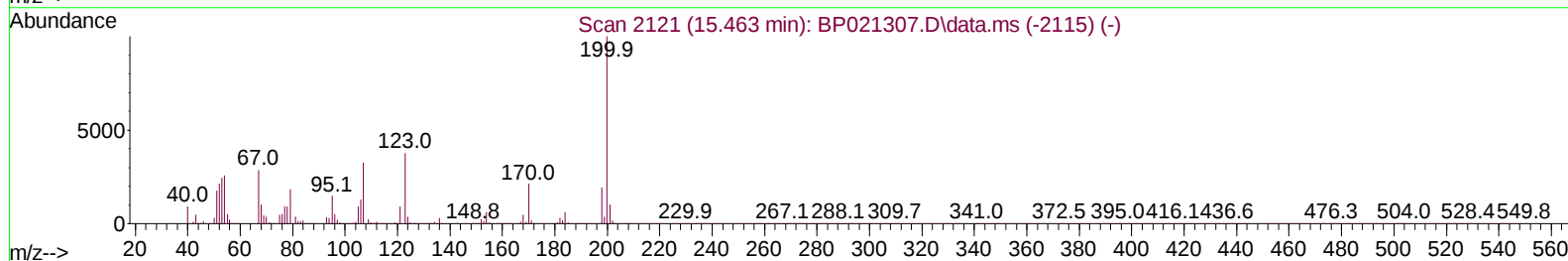
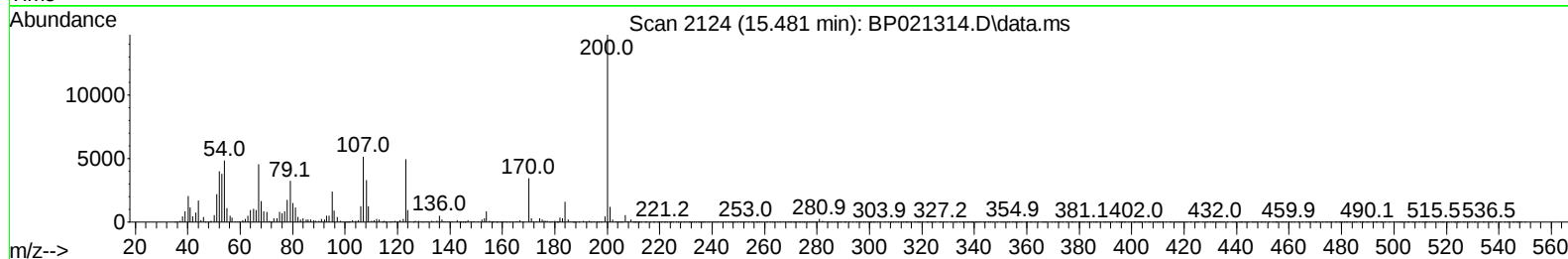
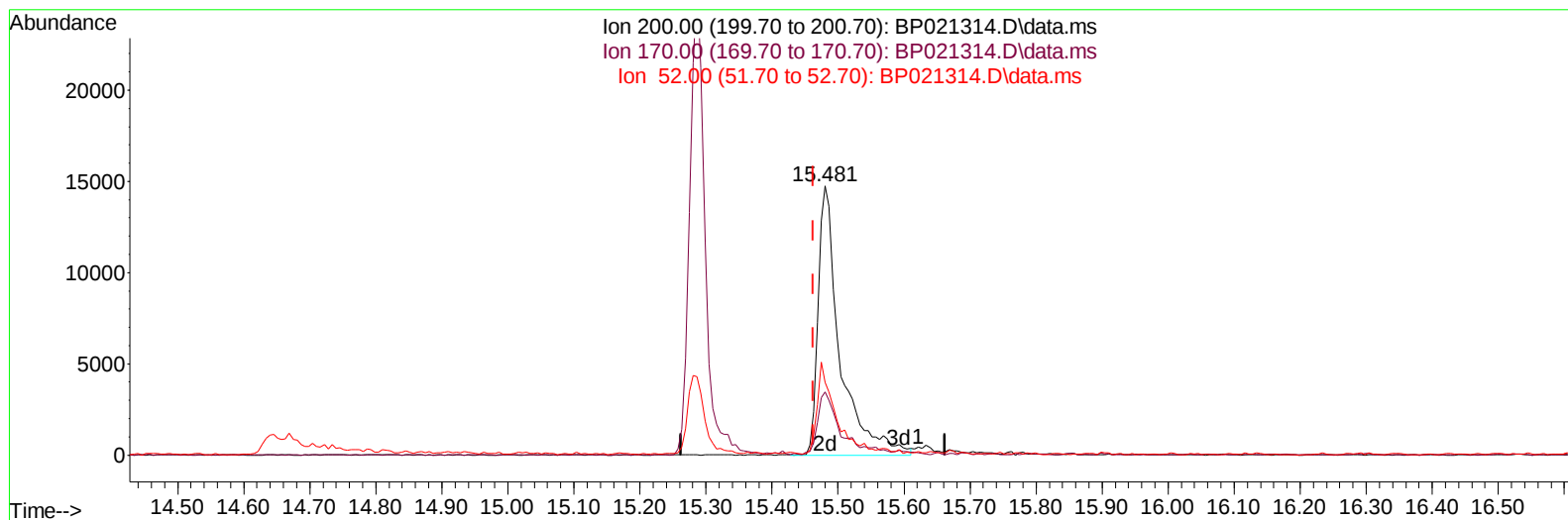
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021314.D
 Acq On : 02 Aug 2024 09:33
 Operator : CG/JU
 Sample : P3397-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHCM8

Manual IntegrationsAPPROVED

Quant Time: Aug 02 10:47:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
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Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/05/2024



TIC: BP021314.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.481min (+ 0.018) 6.77 ng/ul m

response 33875

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	23.52
52.00	38.50	26.99#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021314.D
 Acq On : 02 Aug 2024 09:33
 Operator : CG/JU
 Sample : P3397-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHCM8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 10:50:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	149733	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	579467	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	370765	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	827392	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	985202	20.000	ng/ul	# 0.00
88) Perylene-d12	24.821	264	1246949	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	6340	1.927	ng/uL	-0.01
4) Pyridine-d5	3.628	84	10689m	1.122	ng/ul	0.04
7) Phenol-d5	6.858	99	133307	10.920	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	78253	10.578	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	123751	12.304	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	114255	11.269	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	55601	12.354	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	64923	12.603	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	108694	11.669	ng/ul	0.02
31) 4-Chloroaniline-d4	10.563	131	154926m	12.555	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	349357	12.962	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	429740	14.200	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	40703m	10.614	ng/ul	0.06
60) Fluorene-d10	15.287	176	342908	15.508	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	33875m	6.767	ng/ul	0.02
73) Anthracene-d10	17.192	188	555198	15.108	ng/ul	0.00
81) Pyrene-d10	19.569	212	768798	12.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	961779	15.639	ng/ul	0.00

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 10:50:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

