

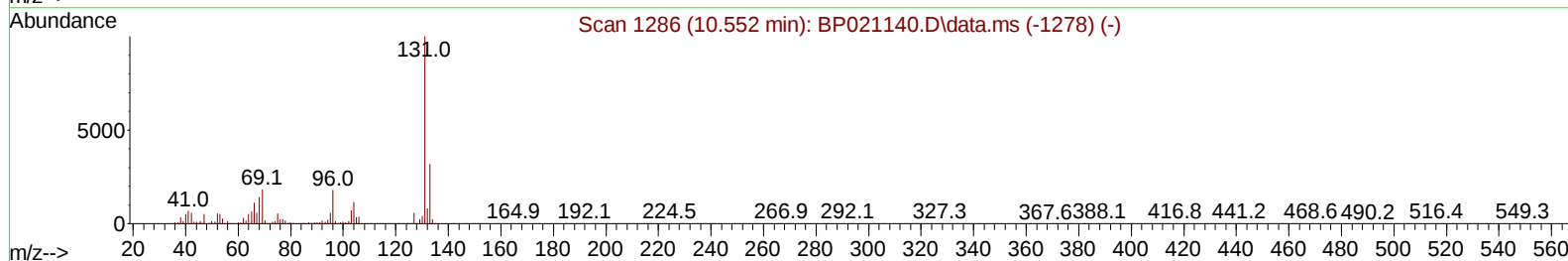
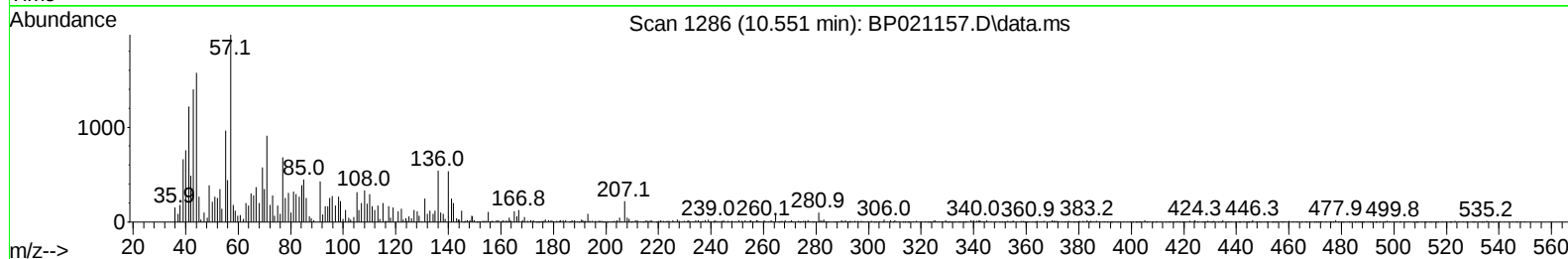
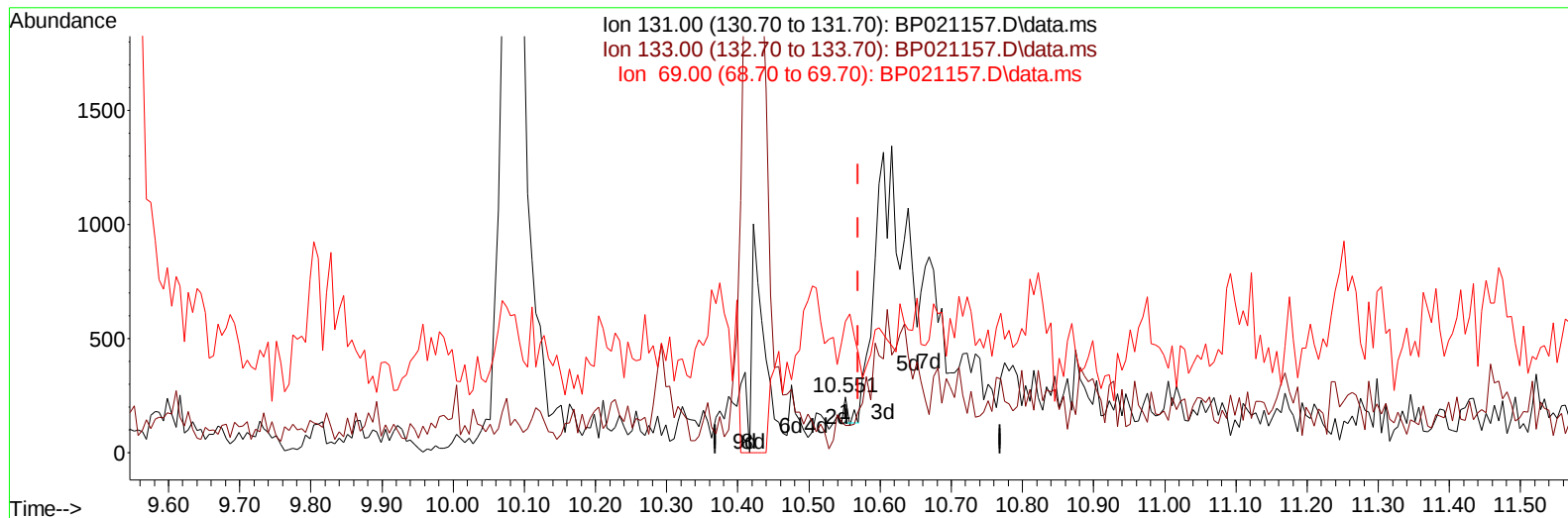
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021157.D
Acq On : 25 Jul 2024 21:43
Operator : MA/JU
Sample : P3263-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 22:42:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.551min (-0.018) 0.00 ng/u1

response 57

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	49.39#
69.00	17.40	234.69#
0.00	0.00	0.00

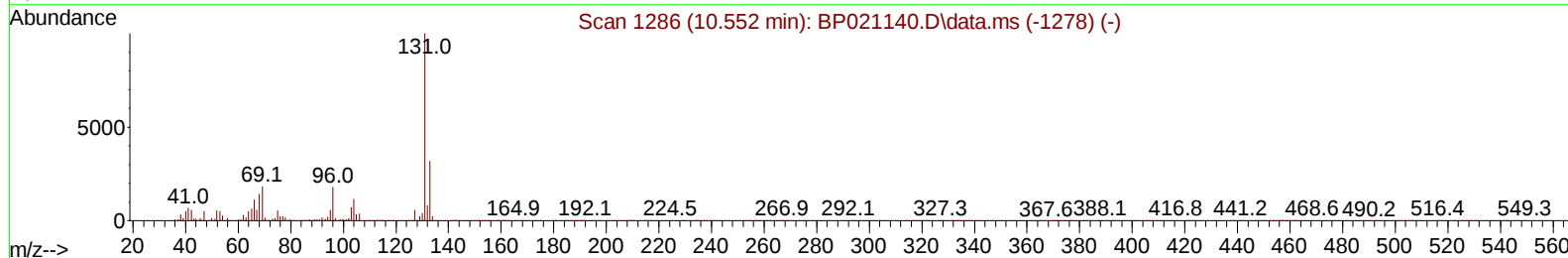
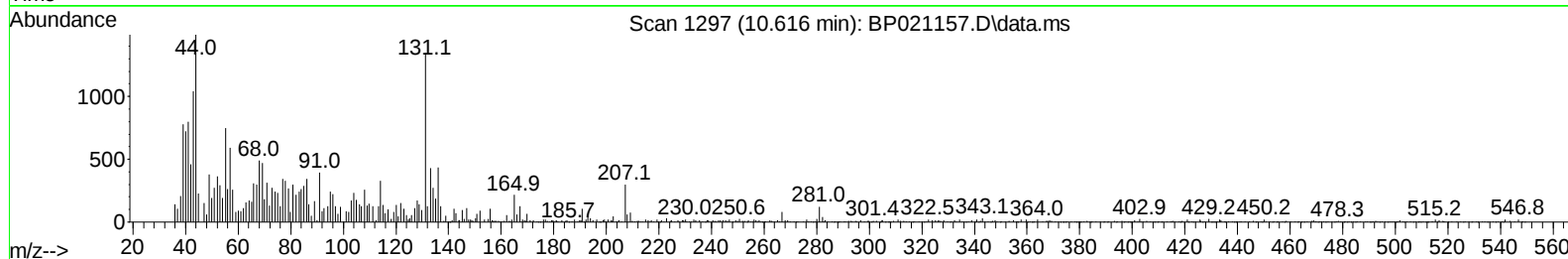
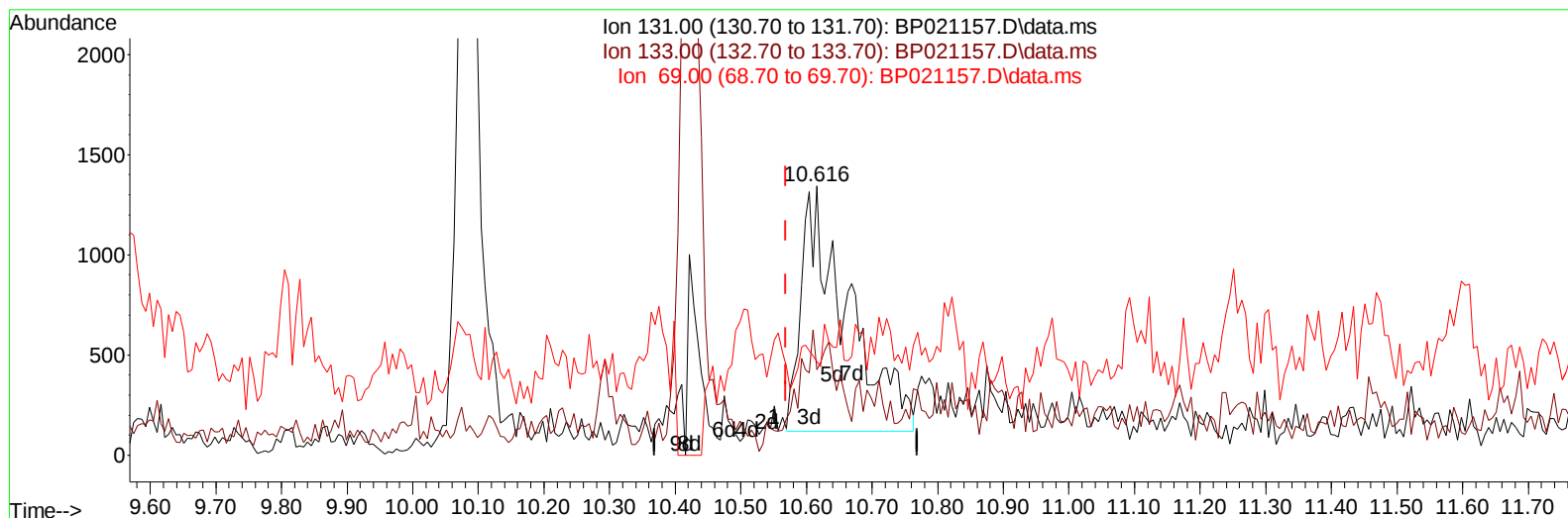
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021157.D
 Acq On : 25 Jul 2024 21:43
 Operator : MA/JU
 Sample : P3263-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 22:42:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.616min (+ 0.047) 0.34 ng/ul m

response 5952

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	31.87
69.00	17.40	34.92#
0.00	0.00	0.00

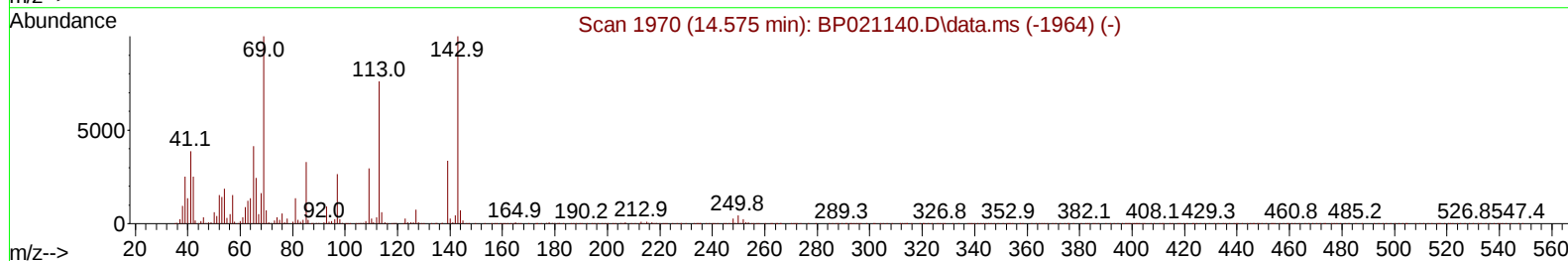
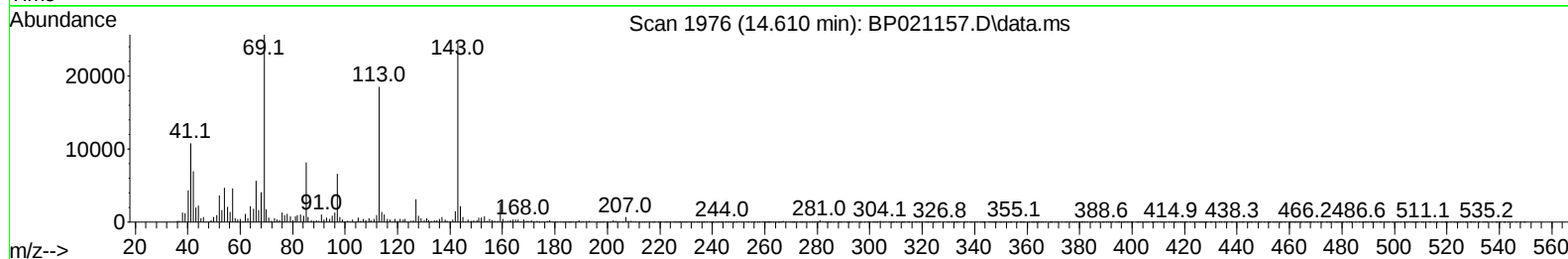
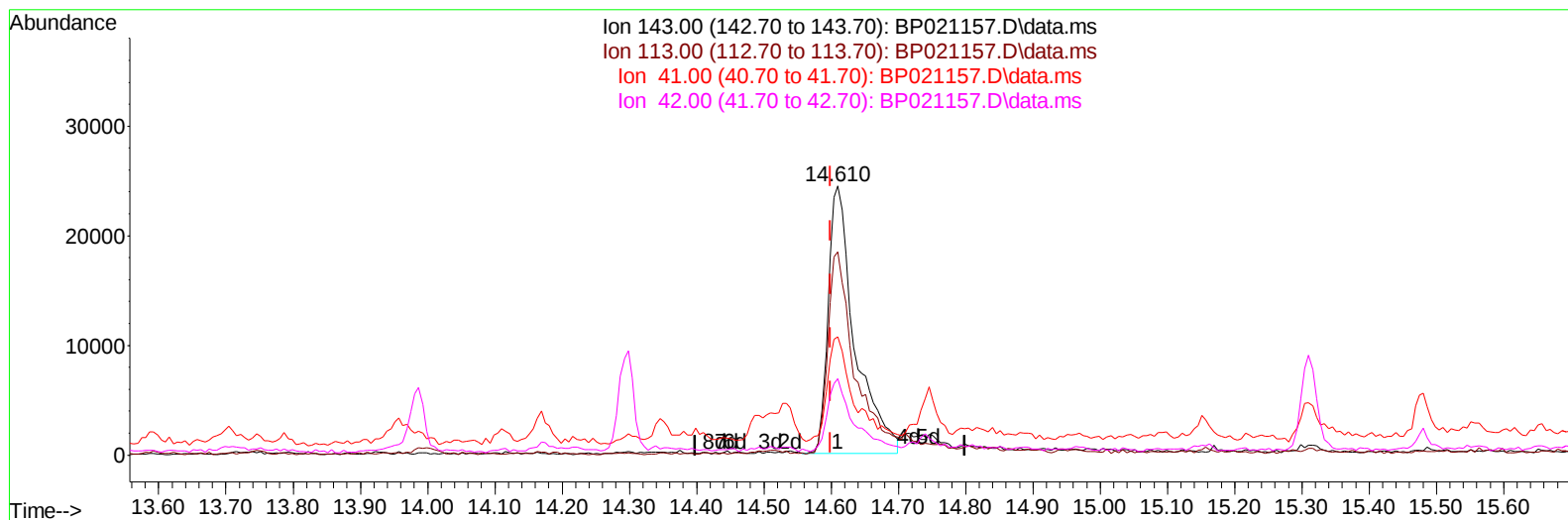
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021157.D
Acq On : 25 Jul 2024 21:43
Operator : MA/JU
Sample : P3263-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 22:42:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.610min (+ 0.012) 12.90 ng/u1

response 67044

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	75.51
41.00	37.90	43.95
42.00	27.10	28.32

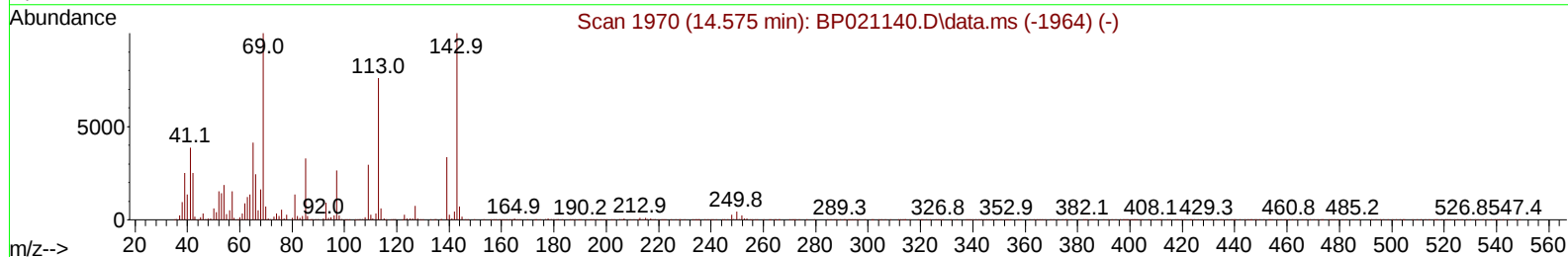
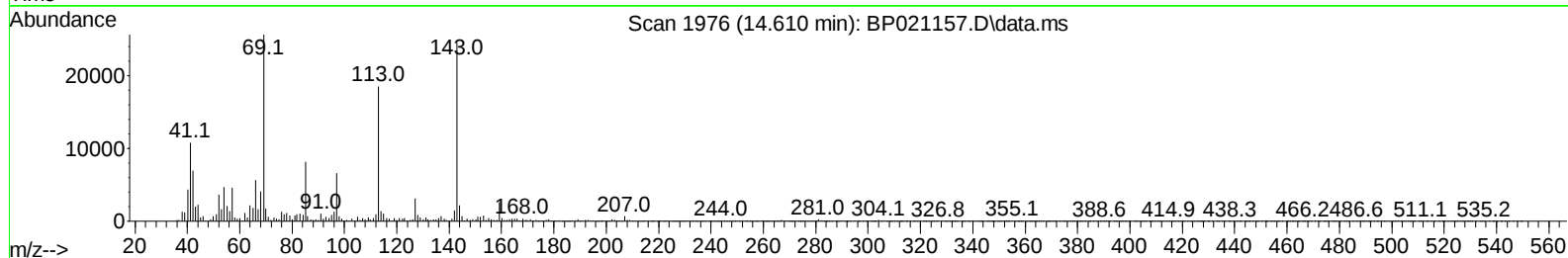
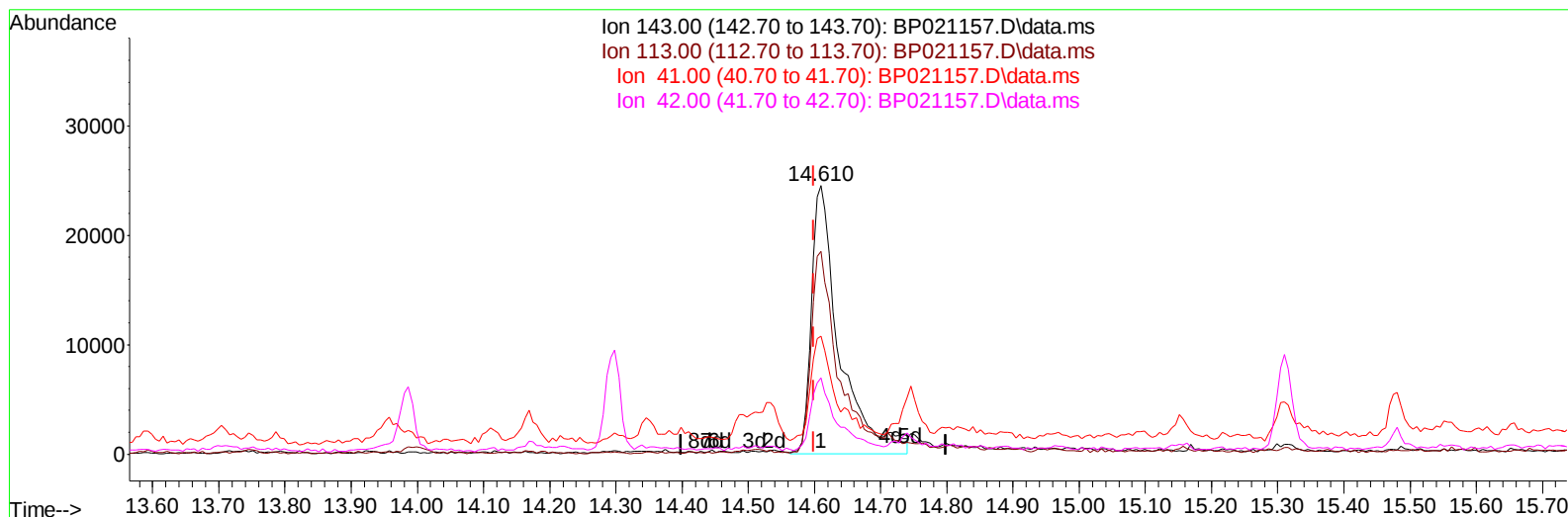
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021157.D
 Acq On : 25 Jul 2024 21:43
 Operator : MA/JU
 Sample : P3263-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 22:42:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.610min (+ 0.012) 13.87 ng/ul m

response 72096

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	75.51
41.00	37.90	43.95
42.00	27.10	28.32

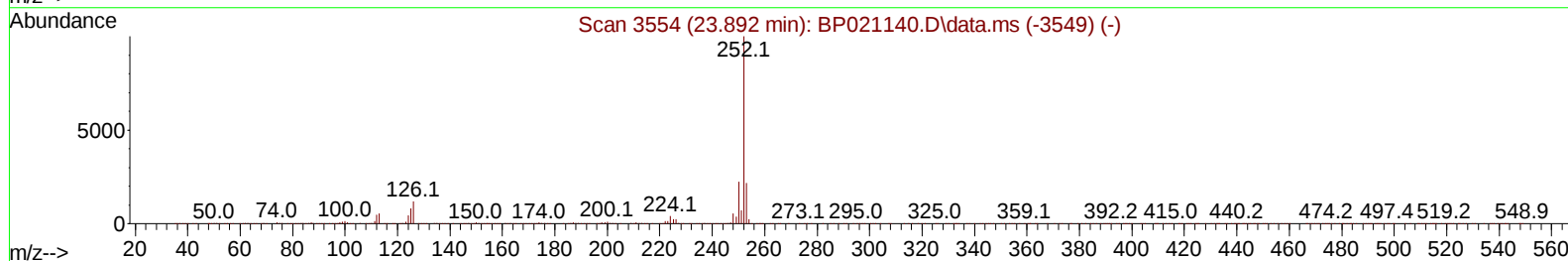
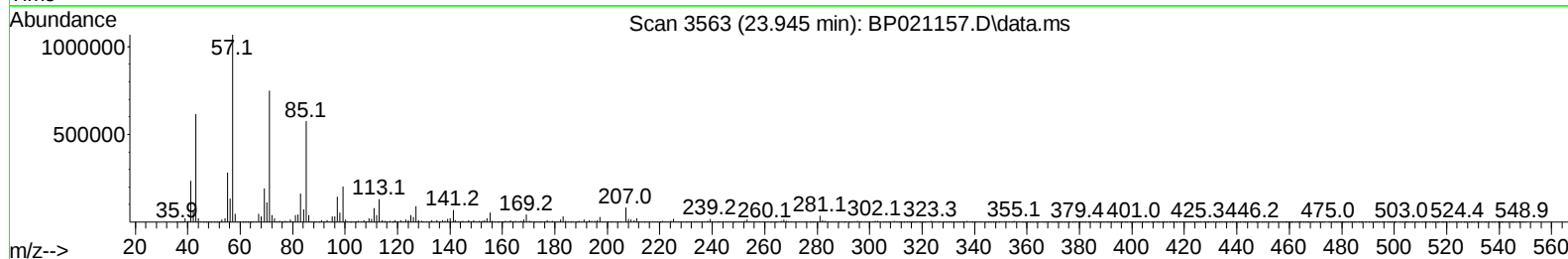
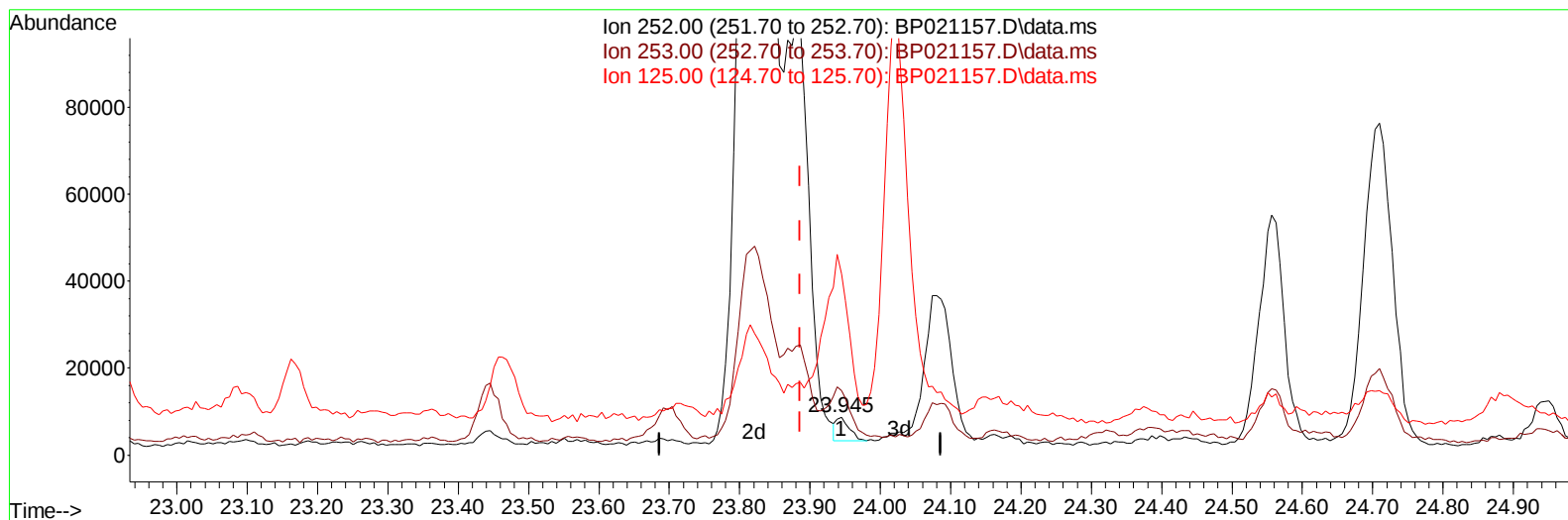
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021157.D
Acq On : 25 Jul 2024 21:43
Operator : MA/JU
Sample : P3263-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 22:42:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(91) Benzo(k)fluoranthene

23.945min (+ 0.059) 0.09 ng/u1

response 6914

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	170.15#
125.00	9.20	477.56#
0.00	0.00	0.00

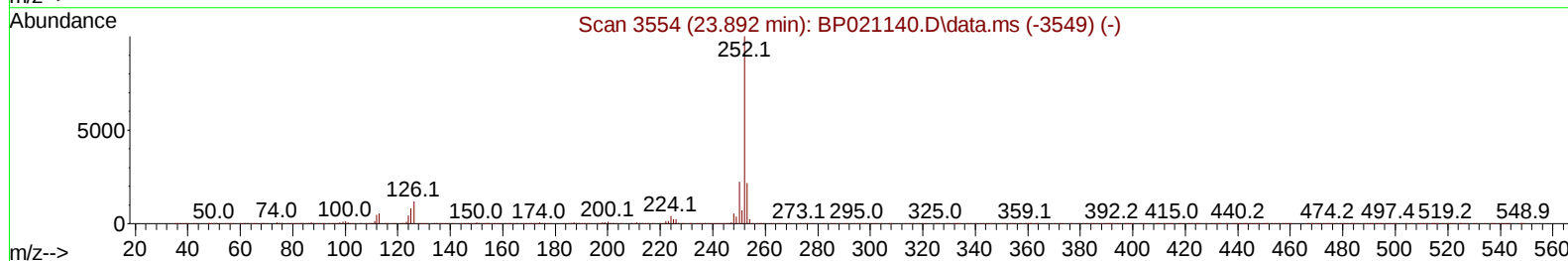
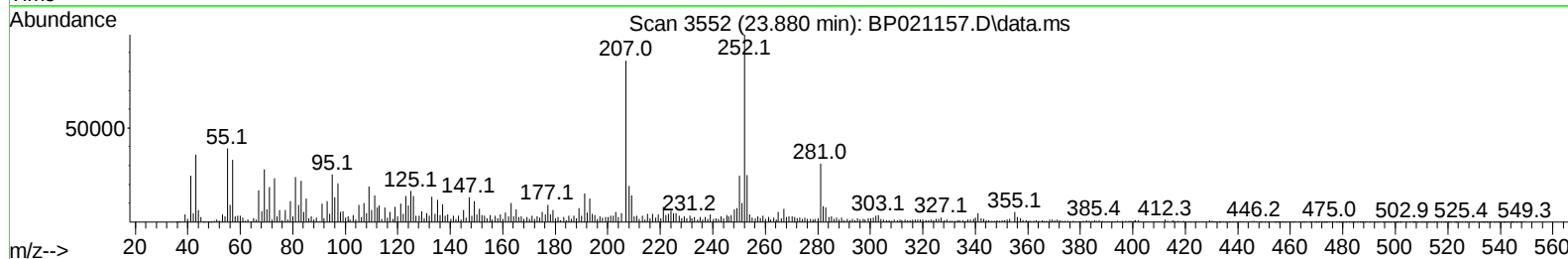
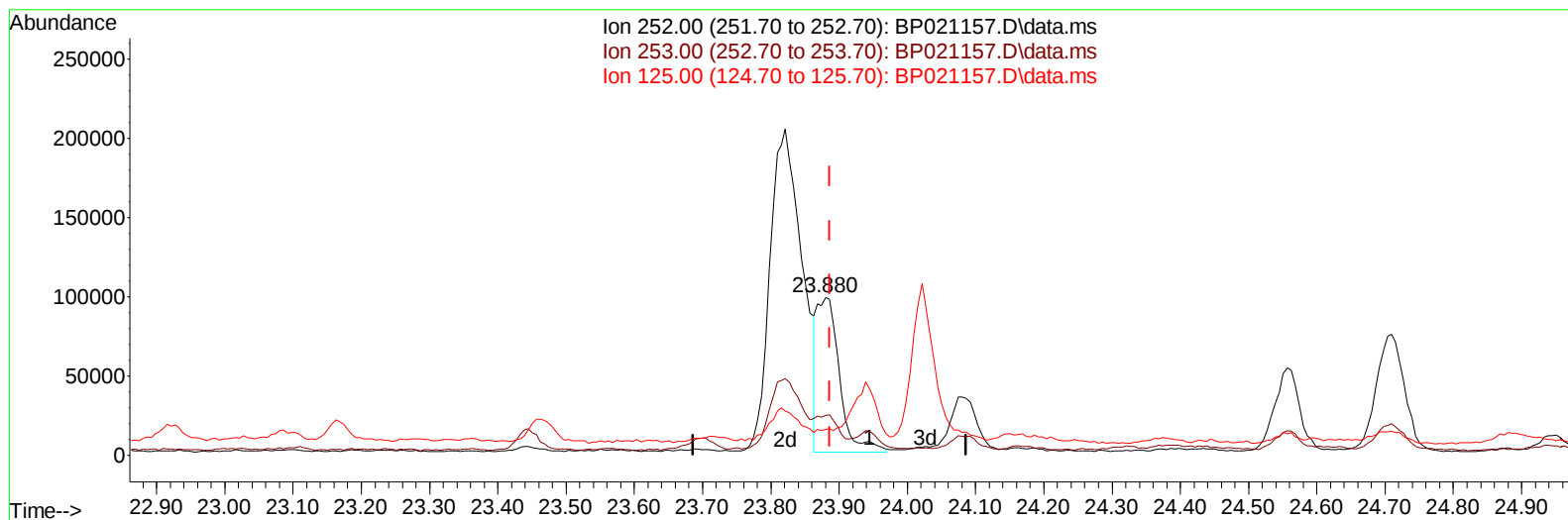
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021157.D
 Acq On : 25 Jul 2024 21:43
 Operator : MA/JU
 Sample : P3263-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 22:42:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(91) Benzo(k)fluoranthene

23.880min (-0.006) 2.78 ng/u1 m

response 223572

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	25.13
125.00	9.20	16.53#
0.00	0.00	0.00

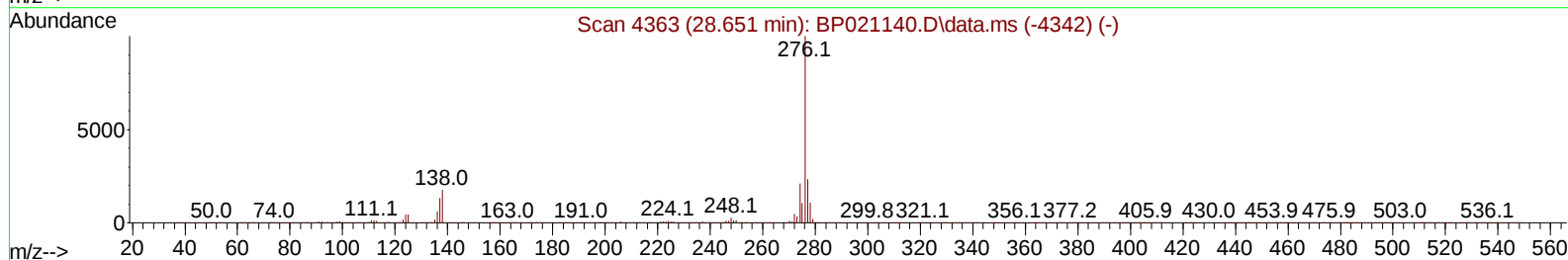
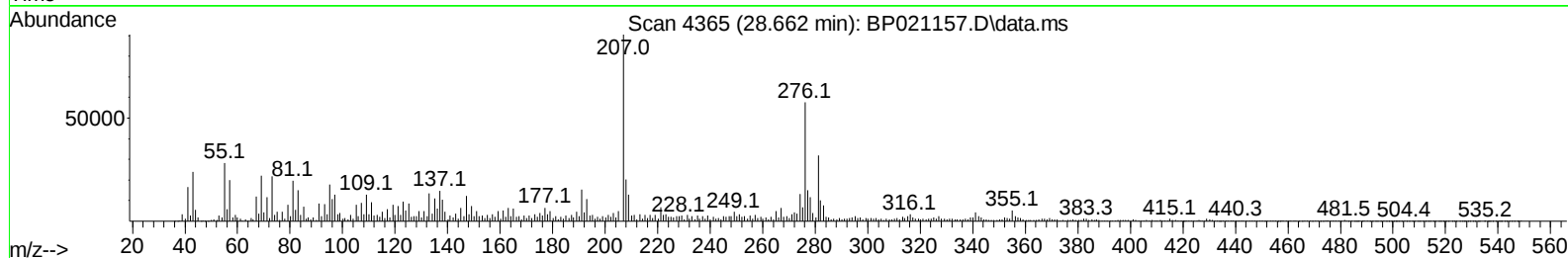
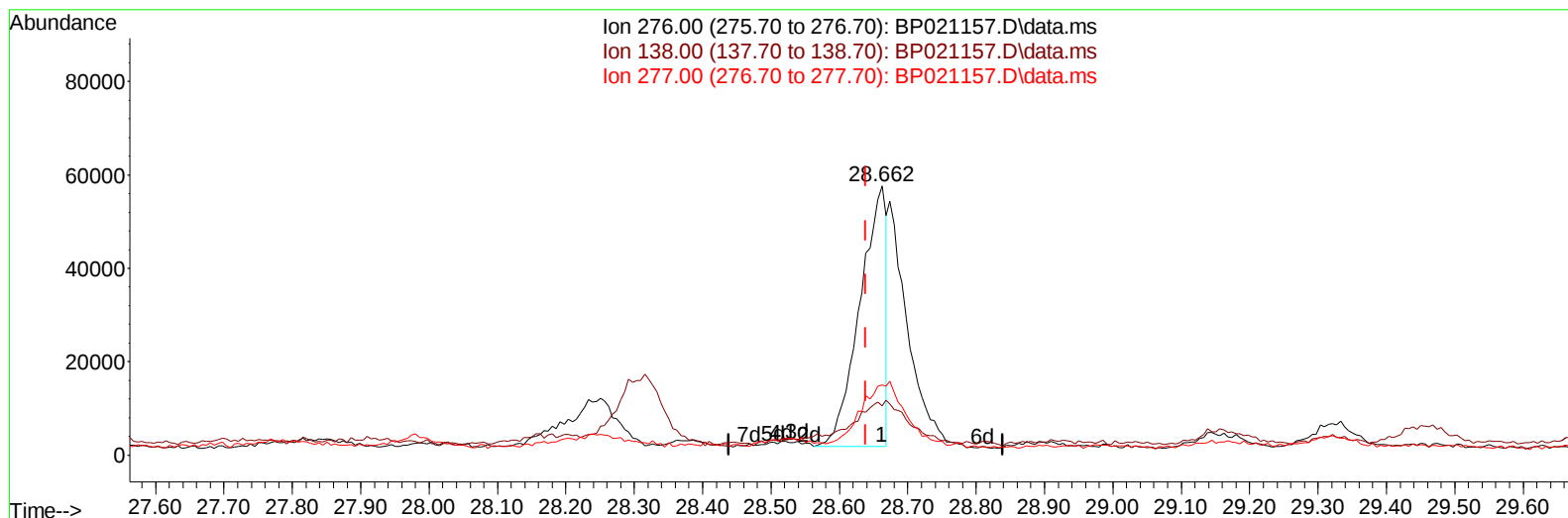
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021157.D
Acq On : 25 Jul 2024 21:43
Operator : MA/JU
Sample : P3263-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 22:42:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.662min (+ 0.023) 1.52 ng/u1

response 149388

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	18.34
277.00	24.00	26.11
0.00	0.00	0.00

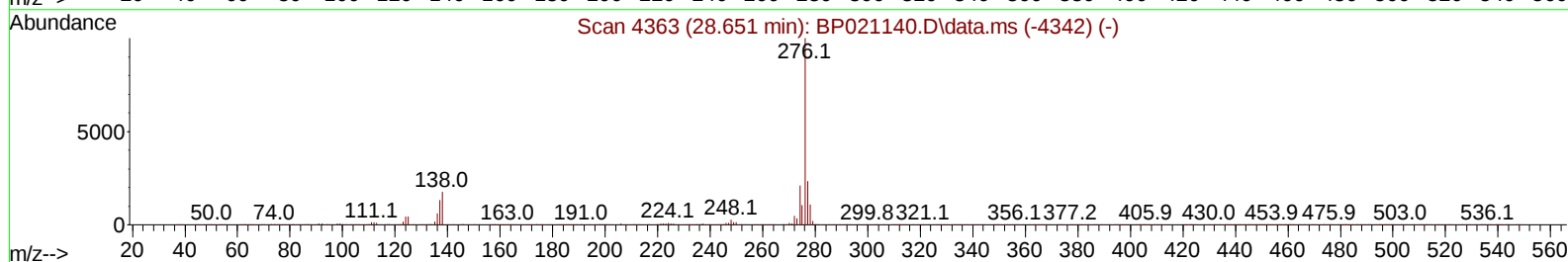
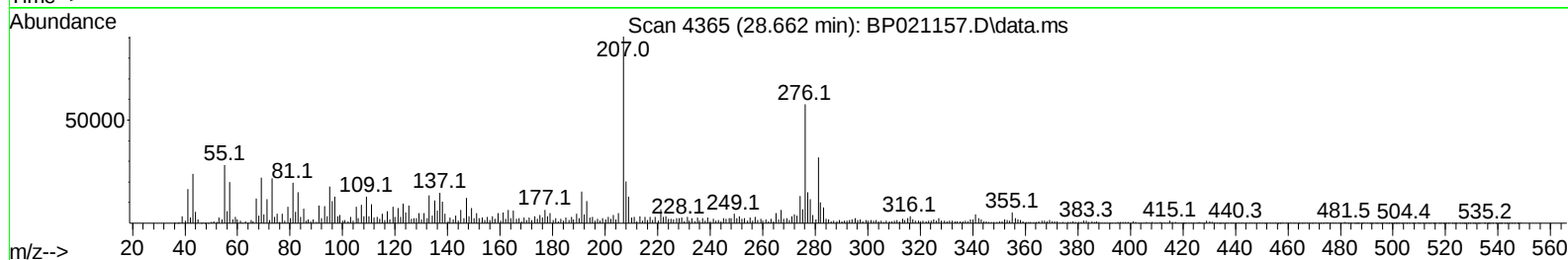
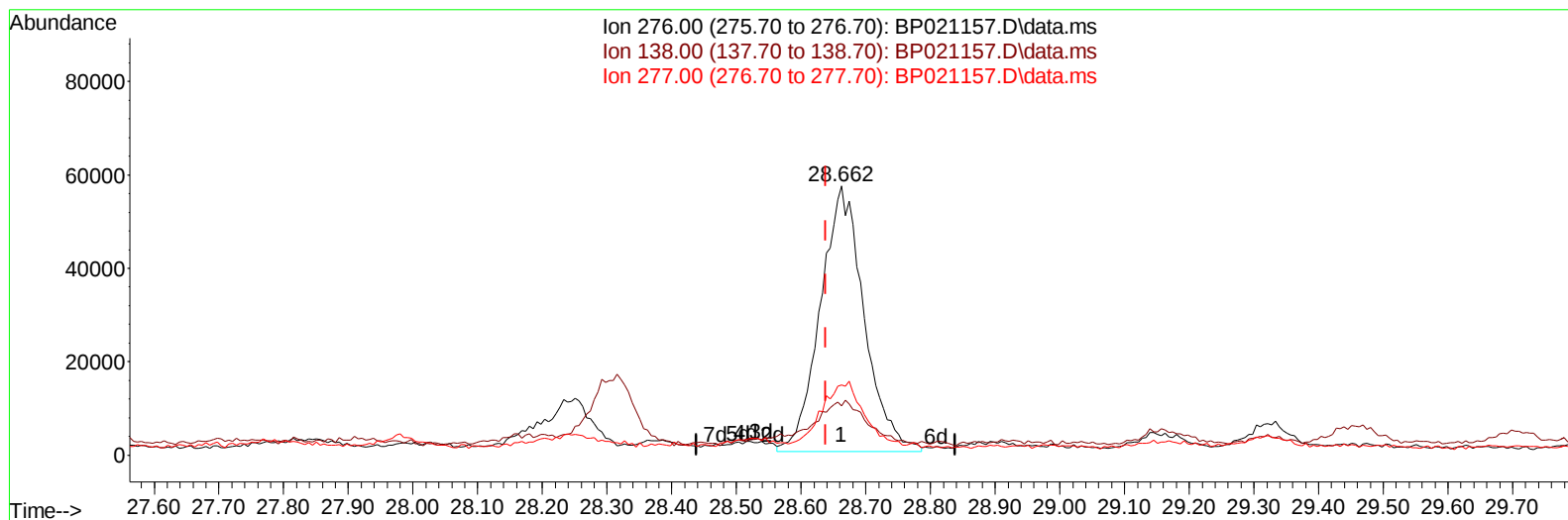
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021157.D
Acq On : 25 Jul 2024 21:43
Operator : MA/JU
Sample : P3263-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 22:42:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.662min (+ 0.023) 2.73 ng/u1 m

response 267447

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	18.34
277.00	24.00	26.11
0.00	0.00	0.00

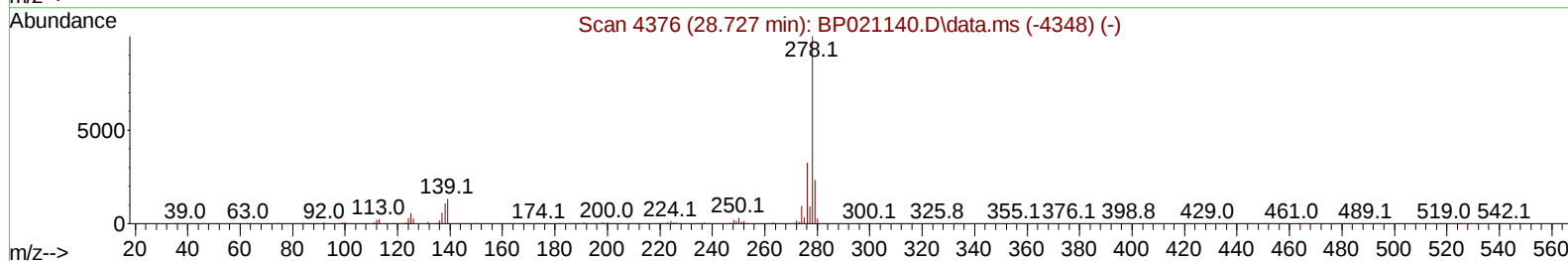
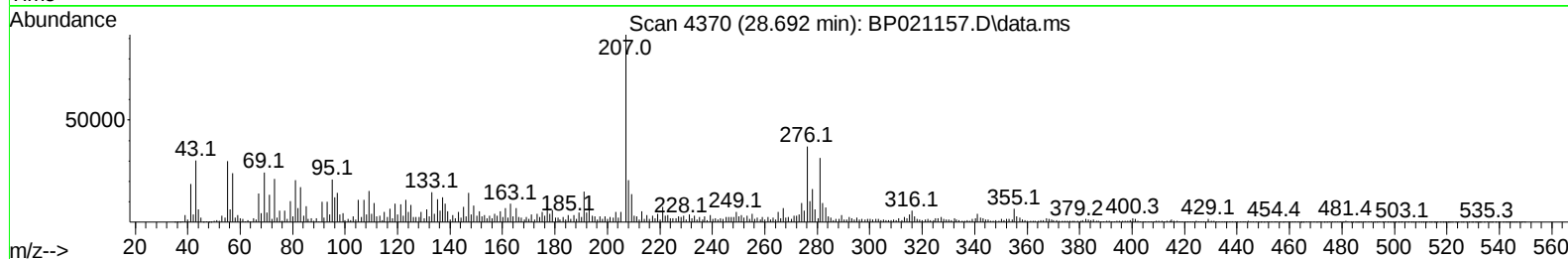
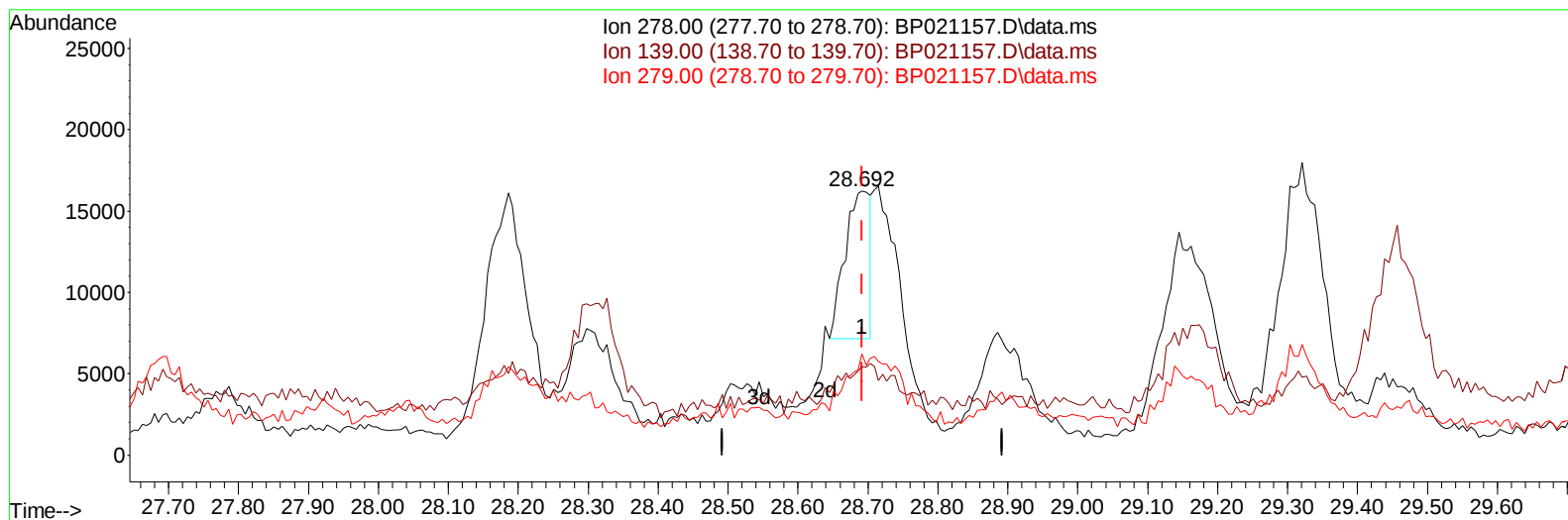
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021157.D
Acq On : 25 Jul 2024 21:43
Operator : MA/JU
Sample : P3263-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 23:48:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(95) Dibenzo(a,h)anthracene

28.692min (-0.000) 0.28 ng/u1

response 22972

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	33.45#
279.00	24.20	38.32#
0.00	0.00	0.00

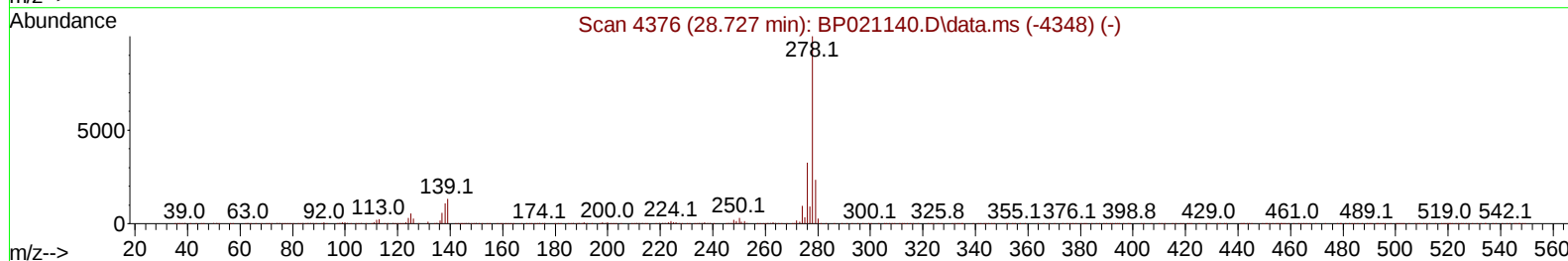
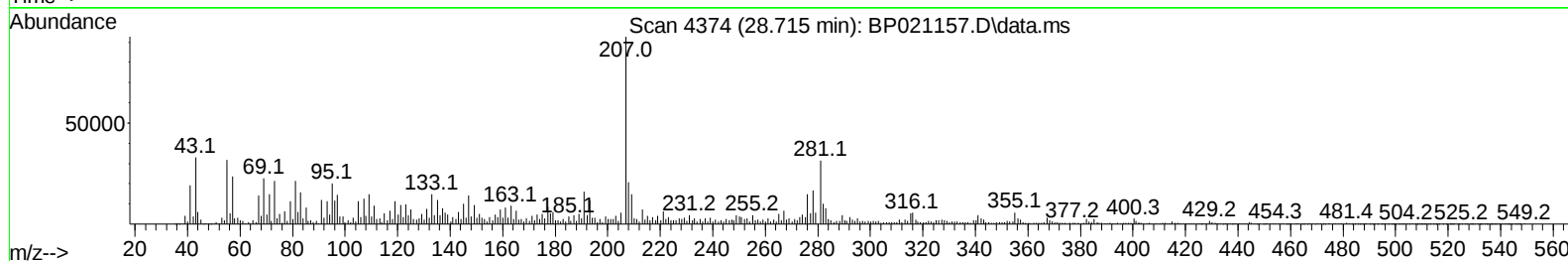
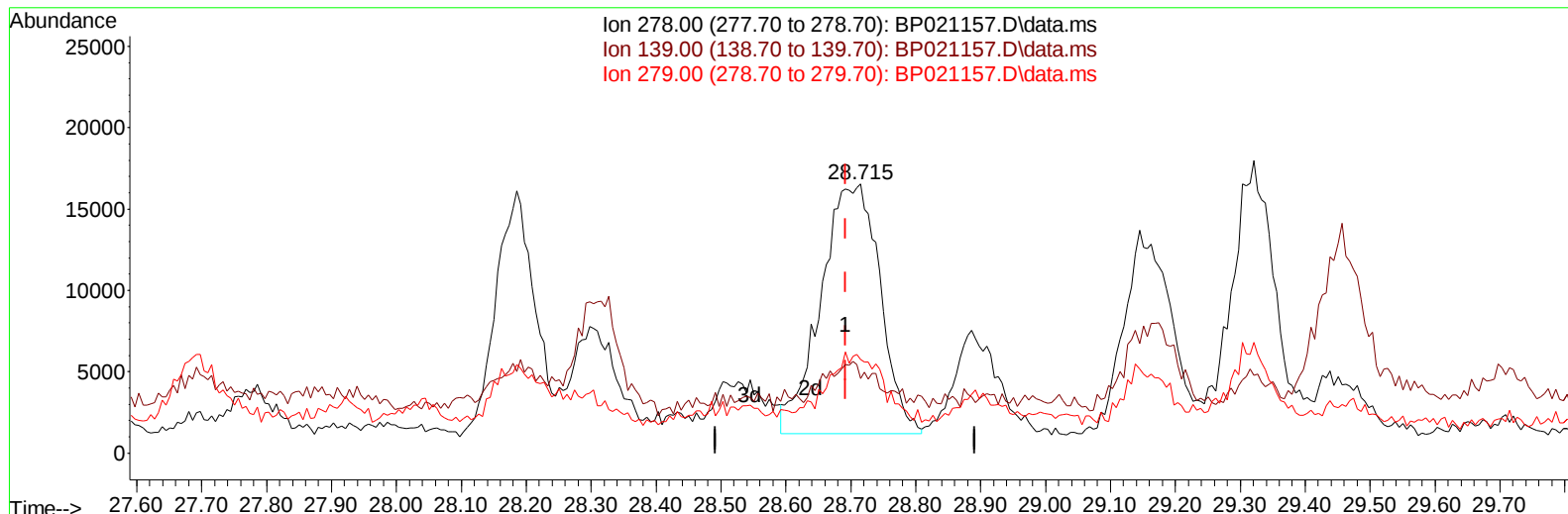
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021157.D
Acq On : 25 Jul 2024 21:43
Operator : MA/JU
Sample : P3263-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 23:48:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



TIC: BP021157.D\data.ms

(95) Dibenzo(a,h)anthracene

28.715min (+ 0.023) 1.20 ng/ul m

response 97112

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	27.73#
279.00	24.20	34.78#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021157.D
 Acq On : 25 Jul 2024 21:43
 Operator : MA/JU
 Sample : P3263-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CG6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 23:49:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	222899	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	830075	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	502672	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.104	188	1023332	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1053254	20.000	ng/ul	0.00
88) Perylene-d12	24.874	264	1327404	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	15335	3.131	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.875	99	270918	14.908	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	174458	15.841	ng/ul	0.01
11) 2-Chlorophenol-d4	7.205	132	247820	16.552	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	211924	14.041	ng/ul	0.01
21) Nitrobenzene-d5	8.816	128	112216	17.405	ng/ul	0.01
24) 2-Nitrophenol-d4	9.528	143	131333	17.797	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.081	165	220925	16.557	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	5952m	0.337	ng/ul	0.05
46) Dimethylphthalate-d6	13.704	166	661188	18.094	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	765287	18.651	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	72096m	13.867	ng/ul	0.01
60) Fluorene-d10	15.310	176	564538	18.831	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	65974	10.655	ng/ul	0.01
73) Anthracene-d10	17.210	188	823781	18.124	ng/ul	0.00
81) Pyrene-d10	19.598	212	878467	13.491	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.627	264	767472	11.723	ng/ul	-0.02
Target Compounds						
						Qvalue
50) Acenaphthylene	14.016	152	51771	1.114	ng/ul	97
72) Phenanthrene	17.145	178	260442	4.906	ng/ul	98
74) Anthracene	17.251	178	65611	1.212	ng/ul	99
80) Fluoranthene	19.251	202	617358	7.851	ng/ul	100
82) Pyrene	19.627	202	463925	5.798	ng/ul	99
85) Benzo(a)anthracene	21.533	228	331851	4.498	ng/ul	95
87) Chrysene	21.598	228	407768	5.948	ng/ul	97
90) Benzo(b)fluoranthene	23.821	252	664180	8.245	ng/ul#	93
91) Benzo(k)fluoranthene	23.880	252	223572m	2.781	ng/ul	
93) Benzo(a)pyrene	24.710	252	213676	2.807	ng/ul#	85
94) Indeno(1,2,3-cd)pyrene	28.662	276	267447m	2.727	ng/ul	
95) Dibenzo(a,h)anthracene	28.715	278	97112m	1.196	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021157.D
Acq On : 25 Jul 2024 21:43
Operator : MA/JU
Sample : P3263-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG6

Manual IntegrationsAPPROVED

Quant Time: Jul 25 23:49:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

