

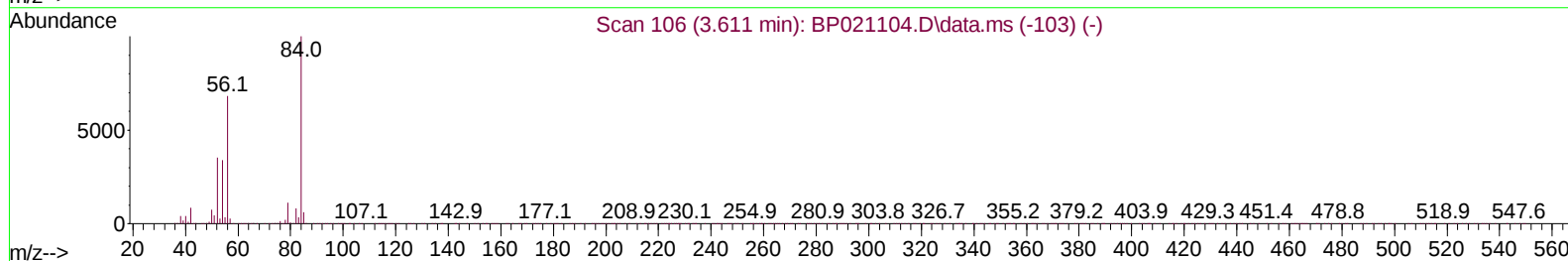
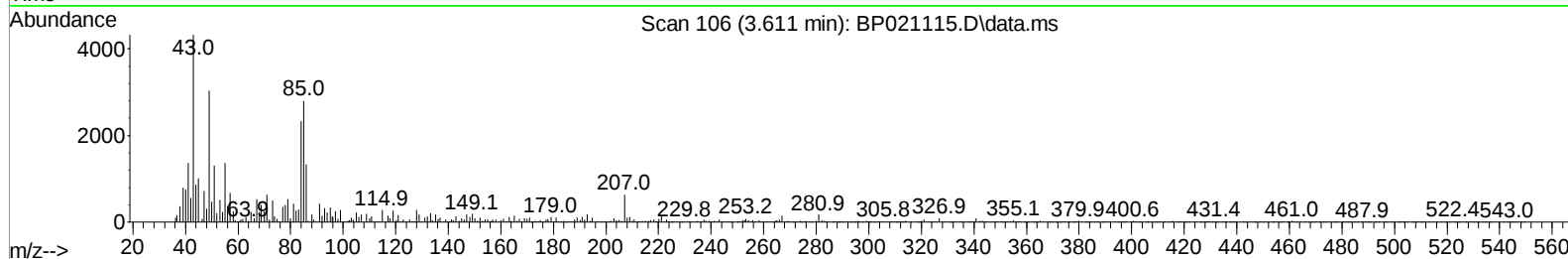
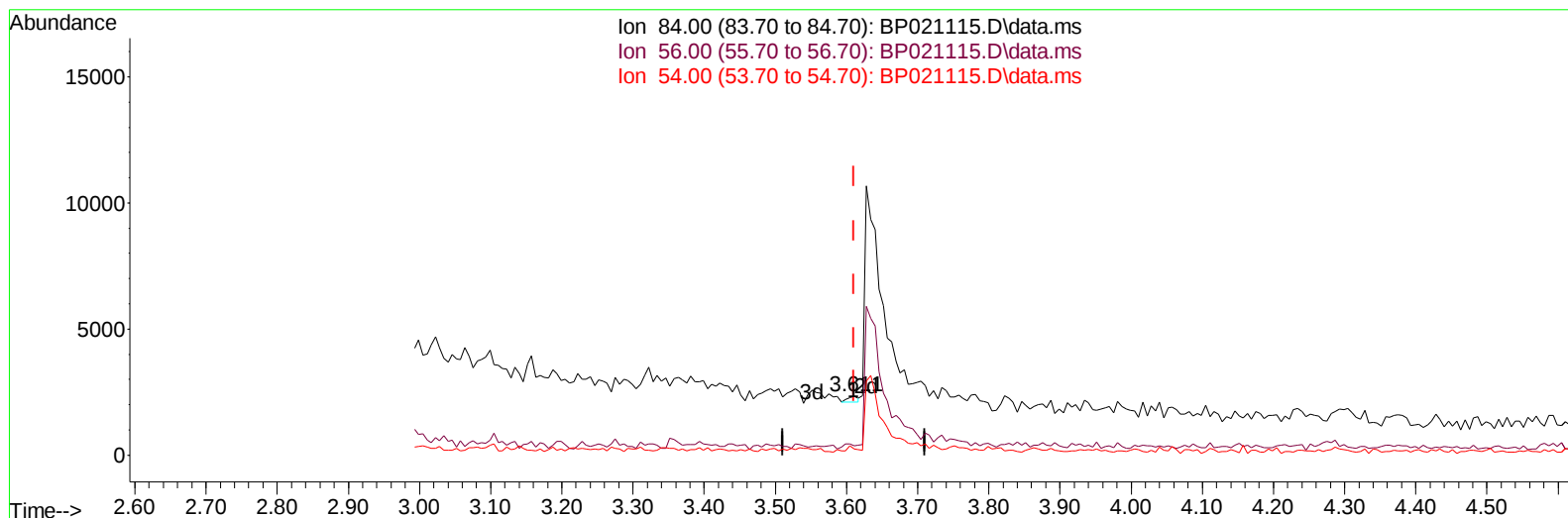
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021115.D
 Acq On : 24 Jul 2024 02:34
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:49:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021115.D\data.ms

(4) Pyridine-d5 (S)

3.611min (-0.000) 0.02 ng/u1

response 225

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	70.20	15.53#
54.00	34.30	9.97#
0.00	0.00	0.00

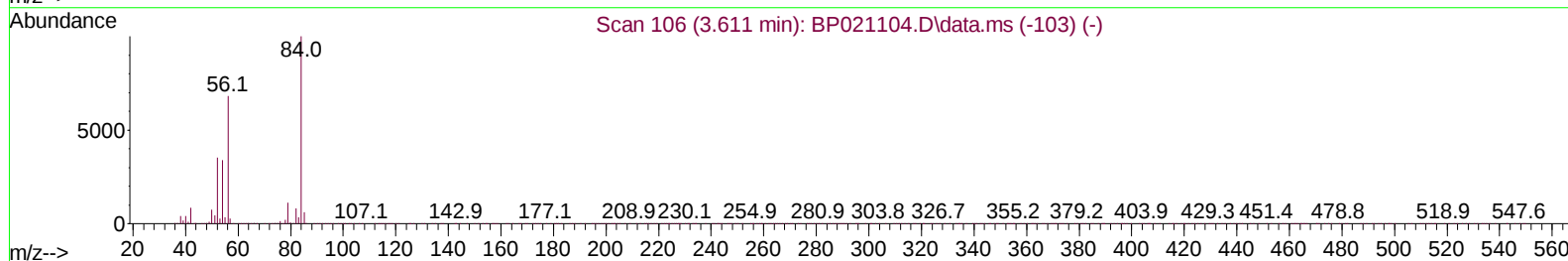
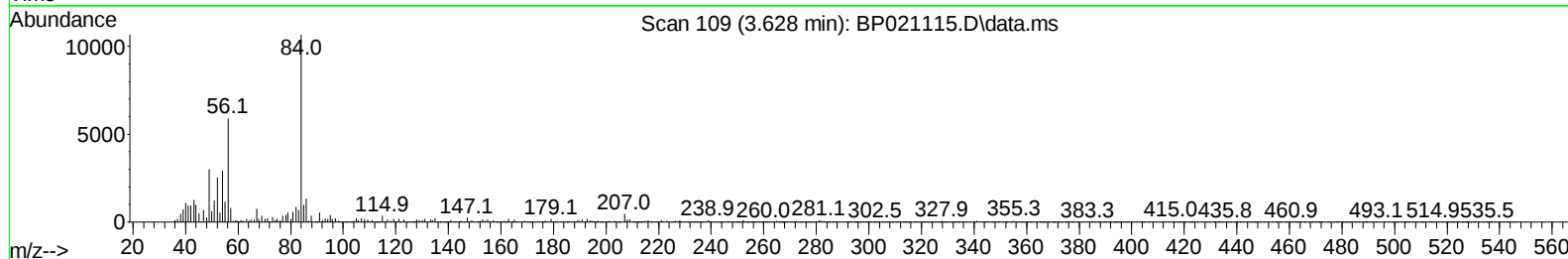
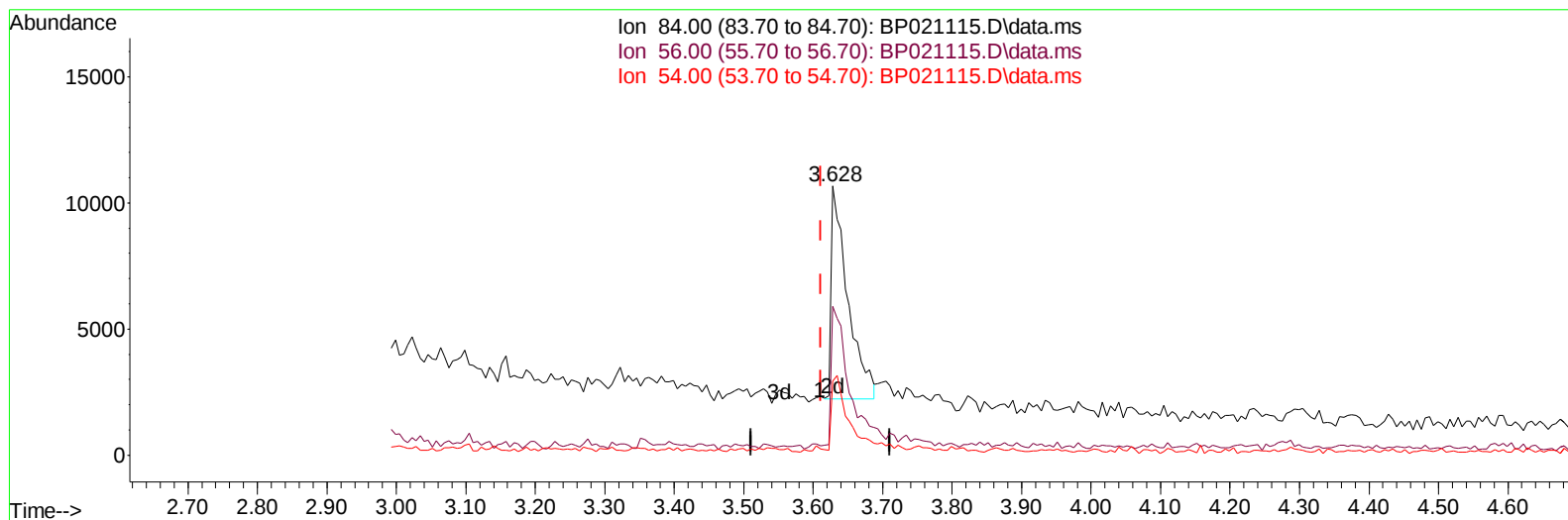
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021115.D
 Acq On : 24 Jul 2024 02:34
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:49:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021115.D\data.ms

(4) Pyridine-d5 (S)

3.628min (+ 0.017) 1.21 ng/ul m

response 13900

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	70.20	55.33#
54.00	34.30	27.51
0.00	0.00	0.00

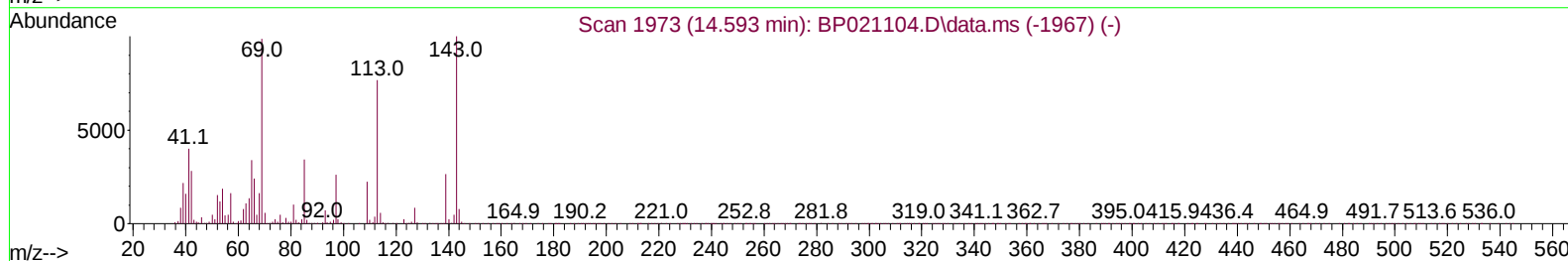
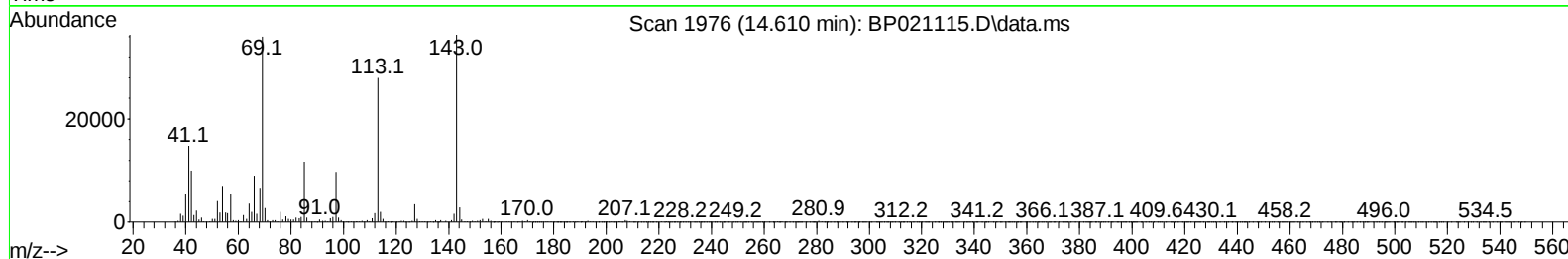
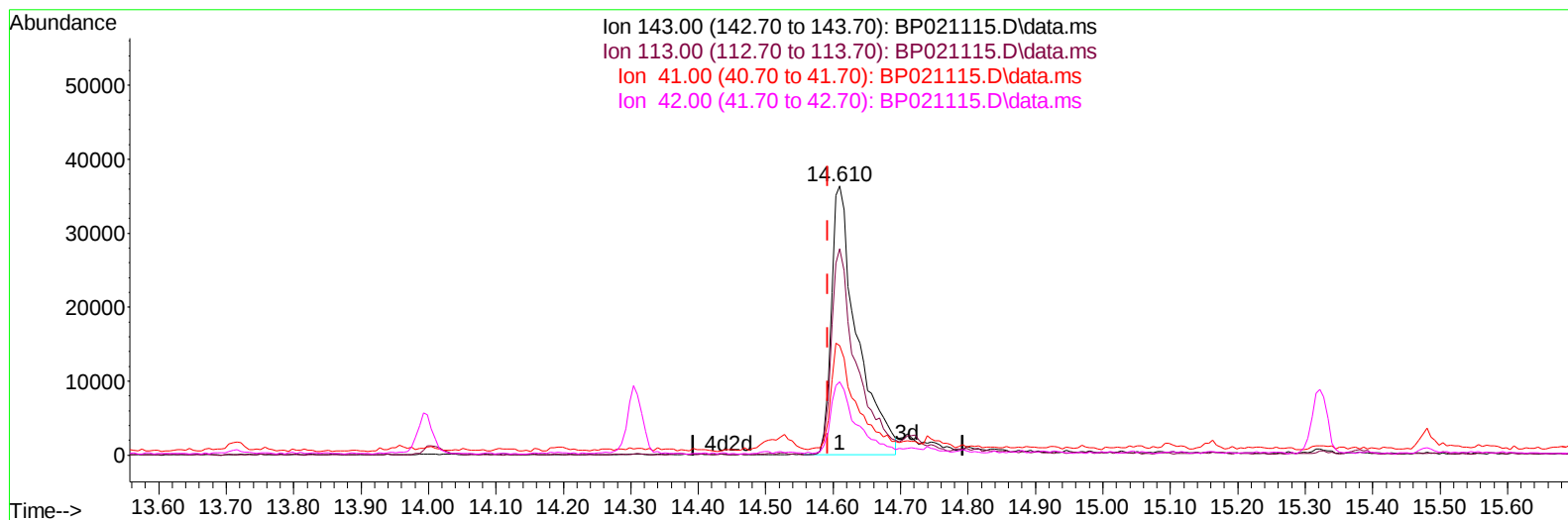
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021115.D
Acq On : 24 Jul 2024 02:34
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:49:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021115.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.610min (+ 0.017) 18.38 ng/u1

response 95076

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.86
41.00	37.90	40.67
42.00	27.10	27.34

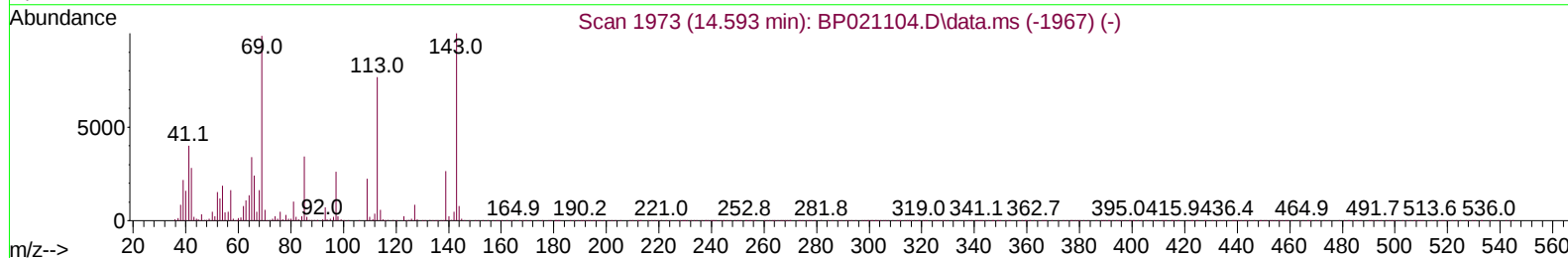
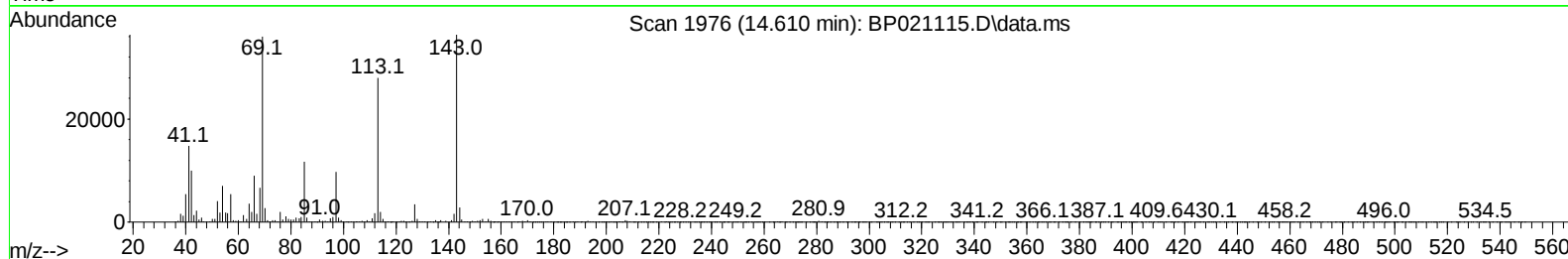
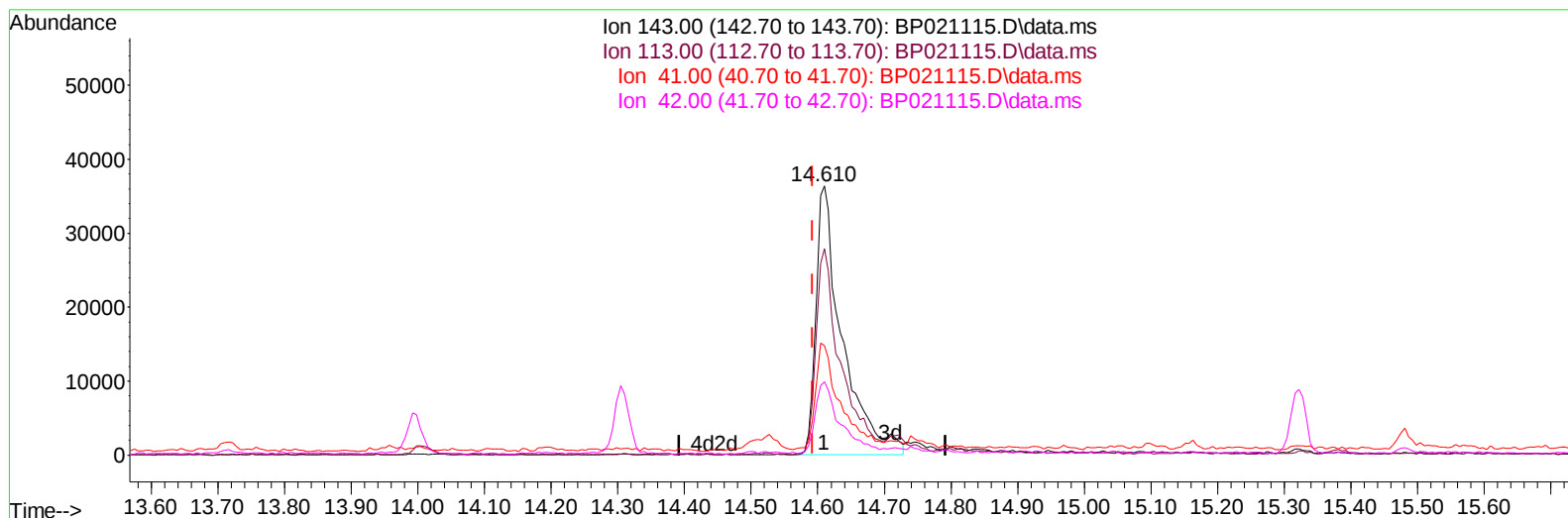
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021115.D
Acq On : 24 Jul 2024 02:34
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:49:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021115.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.610min (+ 0.017) 19.31 ng/ul m

response 99905

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.86
41.00	37.90	40.67
42.00	27.10	27.34

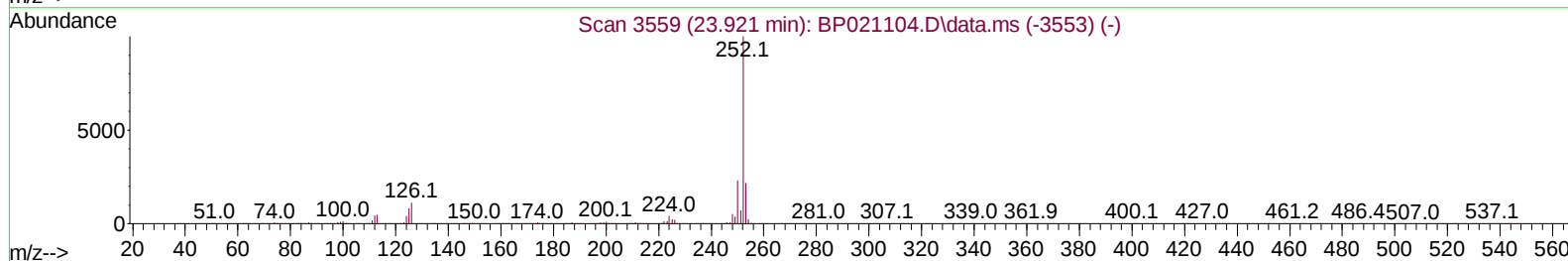
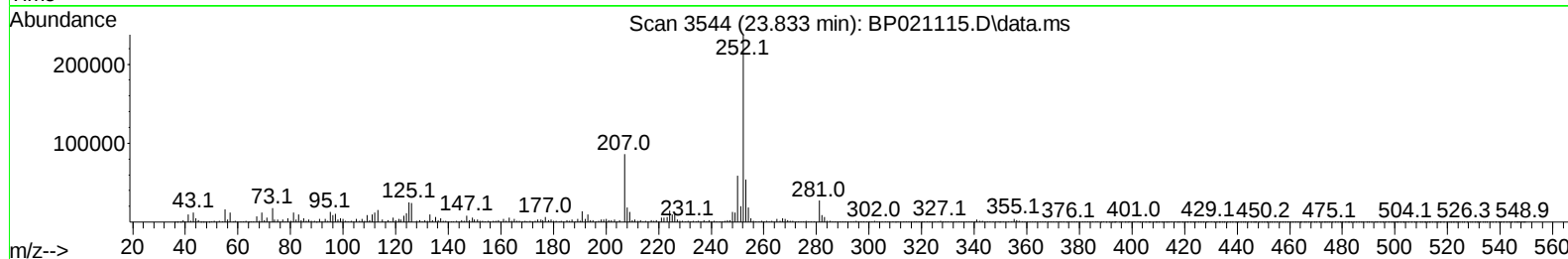
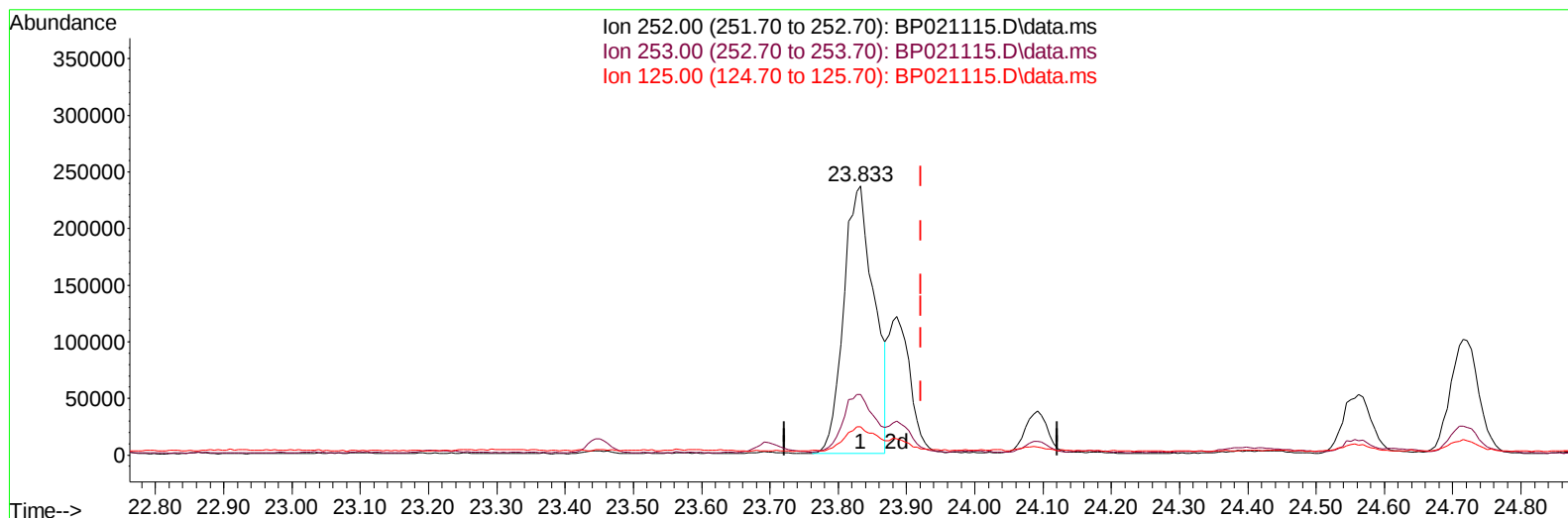
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021115.D
 Acq On : 24 Jul 2024 02:34
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:49:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021115.D\data.ms

(91) Benzo(k)fluoranthene

23.833min (-0.088) 9.73 ng/u1

response 730344

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.61
125.00	9.20	10.50
0.00	0.00	0.00

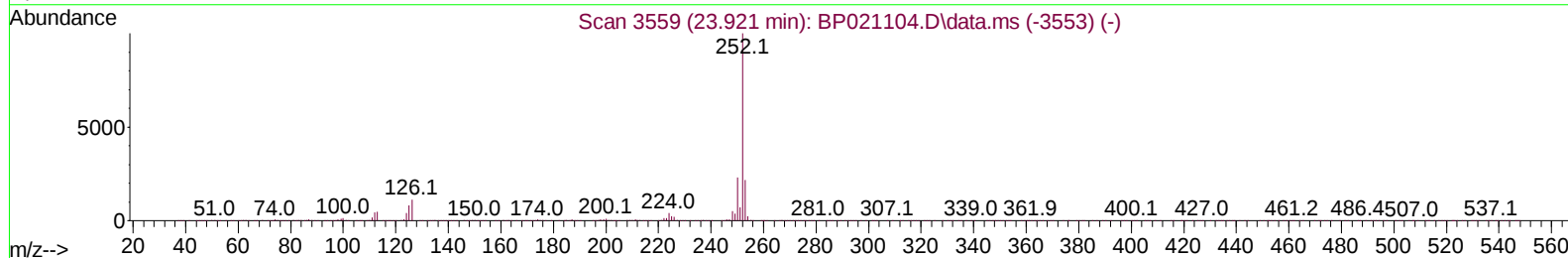
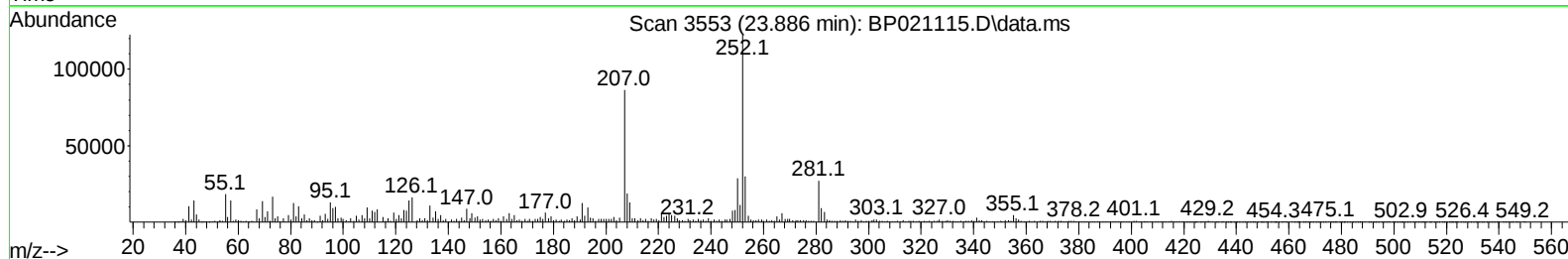
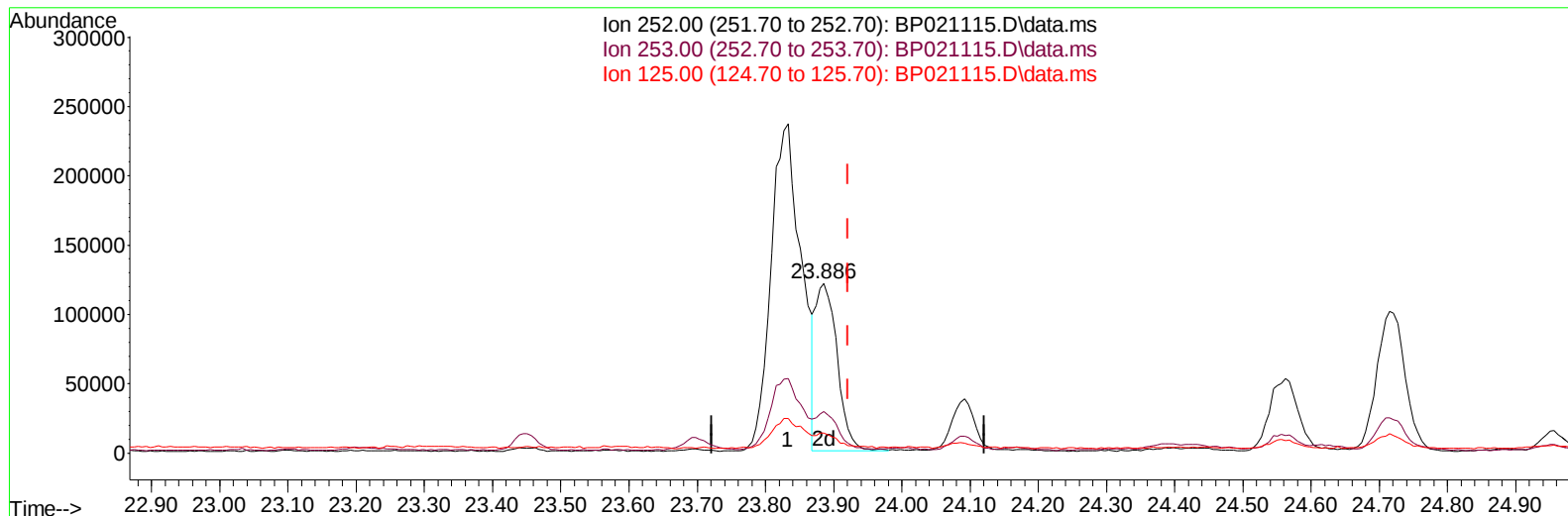
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021115.D
Acq On : 24 Jul 2024 02:34
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 05:49:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration



TIC: BP021115.D\data.ms

(91) Benzo(k)fluoranthene

23.886min (-0.035) 3.53 ng/u1 m

response 264706

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.33
125.00	9.20	11.70#
0.00	0.00	0.00

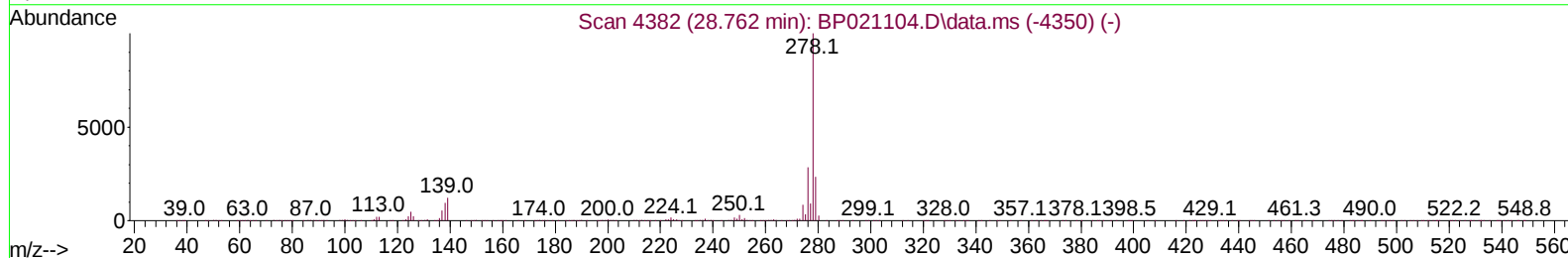
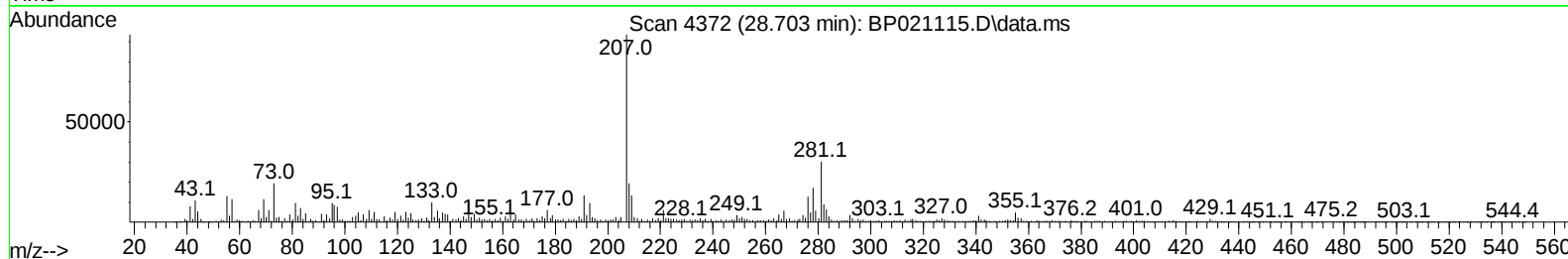
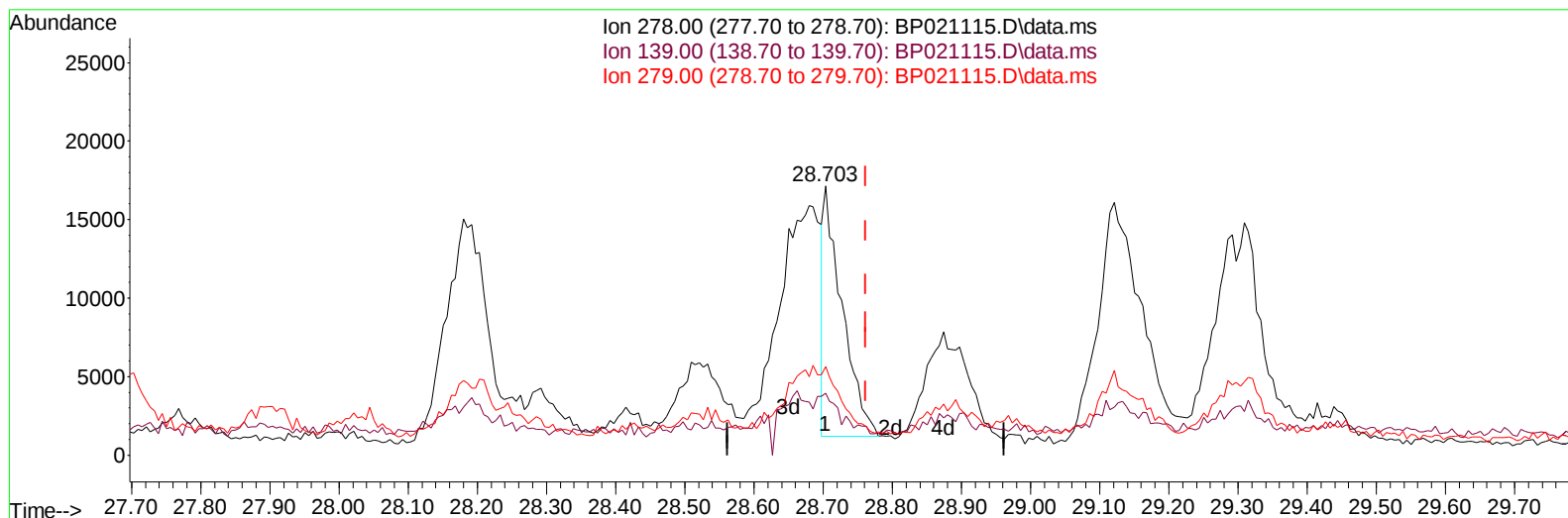
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021115.D
 Acq On : 24 Jul 2024 02:34
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:49:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021115.D\data.ms

(95) Dibenzo(a,h)anthracene

28.703min (-0.059) 0.39 ng/u1

response 29320

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	23.09#
279.00	24.20	32.98#
0.00	0.00	0.00

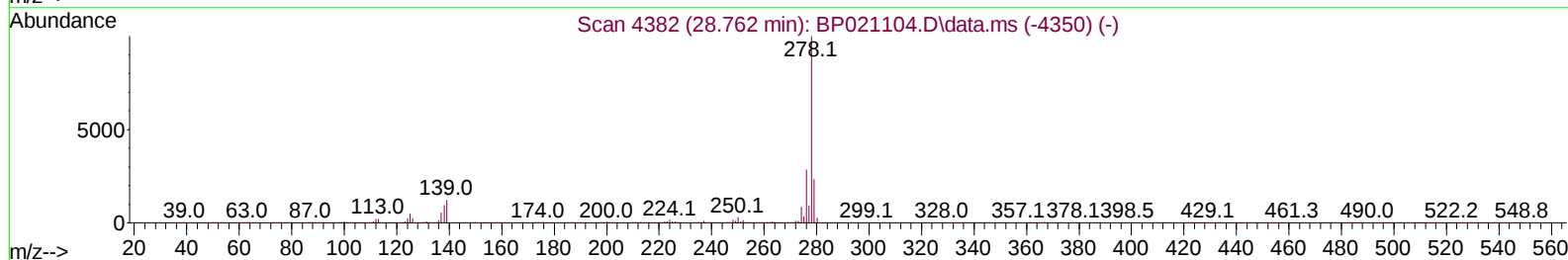
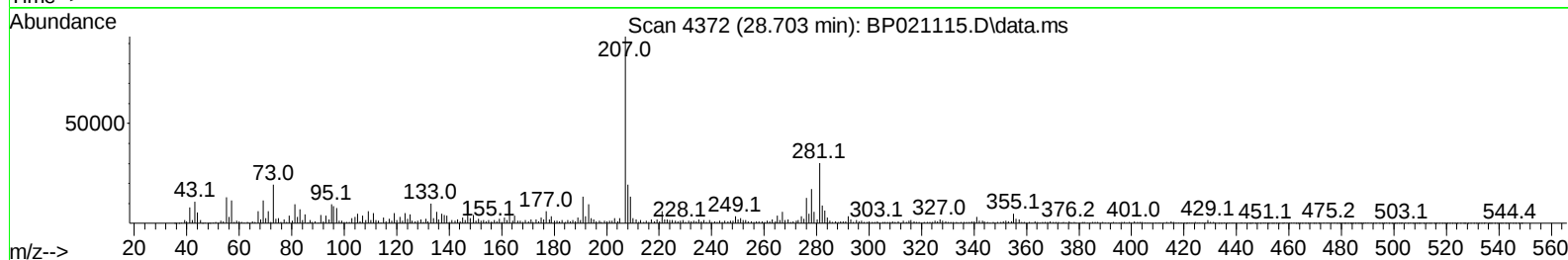
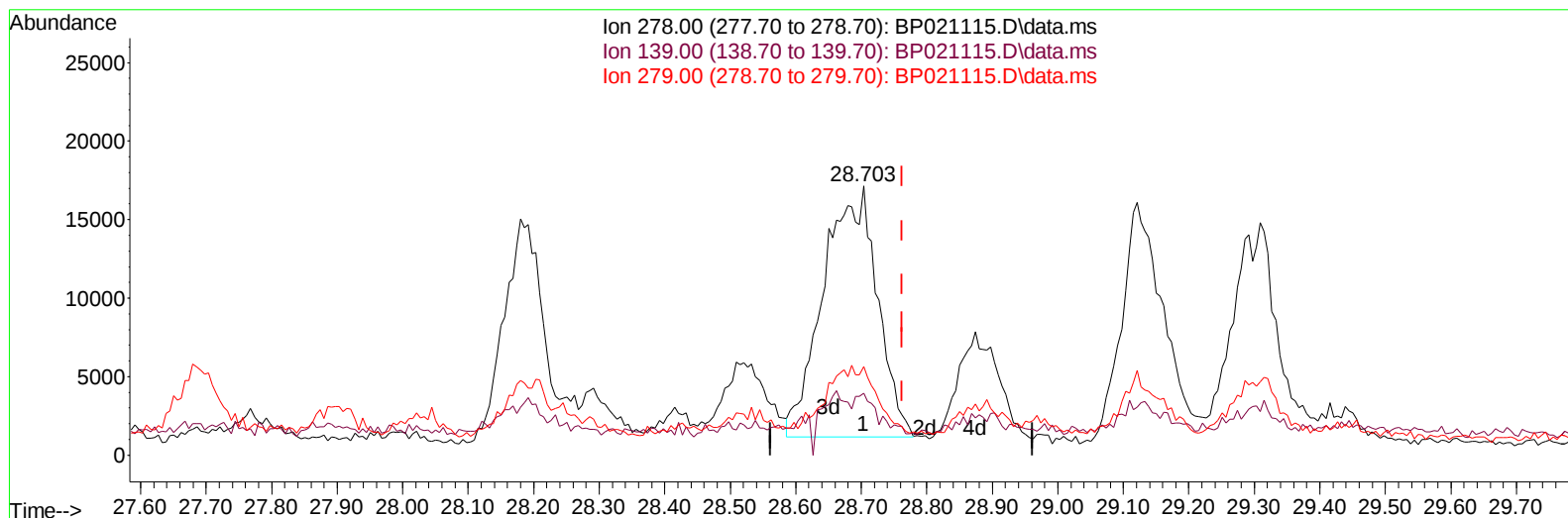
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021115.D
Acq On : 24 Jul 2024 02:34
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:49:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021115.D\data.ms

(95) Dibenzo(a,h)anthracene

28.703min (-0.059) 1.20 ng/ul m

response 90731

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	23.09#
279.00	24.20	32.98#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021115.D
 Acq On : 24 Jul 2024 02:34
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:55:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	180342	20.000	ng/ul	0.01
20) Naphthalene-d8	10.434	136	748874	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	500162	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1103114	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1024289	20.000	ng/ul	-0.02
88) Perylene-d12	24.886	264	1238861	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	11986	3.024	ng/uL	0.00
4) Pyridine-d5	3.628	84	13900m	1.212	ng/ul	0.02
7) Phenol-d5	6.881	99	264548	17.993	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	153485	17.226	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	222117	18.336	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	198008	16.215	ng/ul	0.01
21) Nitrobenzene-d5	8.822	128	104627	17.988	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	121542	18.257	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	218428	18.145	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	195503	12.259	ng/ul	0.02
46) Dimethylphthalate-d6	13.716	166	703592	19.351	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	796782	19.516	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.610	143	99905m	19.312	ng/ul	0.02
60) Fluorene-d10	15.322	176	630484	21.137	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	45632	6.837	ng/ul	0.00
73) Anthracene-d10	17.227	188	964862	19.693	ng/ul	0.00
81) Pyrene-d10	19.604	212	1099304	17.360	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.645	264	861536	14.100	ng/ul	-0.04
Target Compounds						
					Qvalue	
61) Fluorene	15.381	166	41390	1.207	ng/ul	94
72) Phenanthrene	17.169	178	790204	13.809	ng/ul	100
74) Anthracene	17.263	178	134828	2.311	ng/ul	99
77) Carbazole	17.557	167	94167	1.975	ng/ul	99
80) Fluoranthene	19.257	202	1362249	17.813	ng/ul	99
82) Pyrene	19.633	202	927607	11.920	ng/ul	100
85) Benzo(a)anthracene	21.545	228	546245	7.613	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	65389	1.401	ng/ul#	96
87) Chrysene	21.604	228	572722	8.590	ng/ul	97
90) Benzo(b)fluoranthene	23.833	252	729992	9.710	ng/ul#	97
91) Benzo(k)fluoranthene	23.886	252	264706m	3.528	ng/ul	
93) Benzo(a)pyrene	24.715	252	294306	4.143	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.650	276	261165	2.853	ng/ul	98
95) Dibenzo(a,h)anthracene	28.703	278	90731m	1.197	ng/ul	

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

