

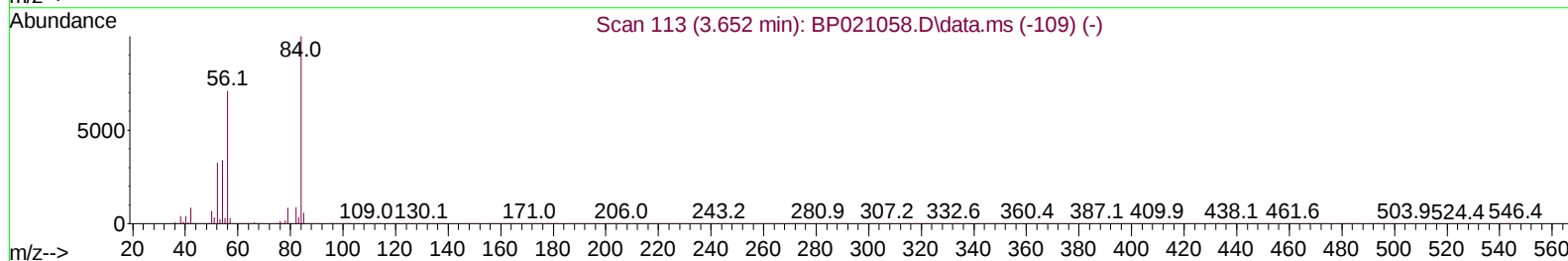
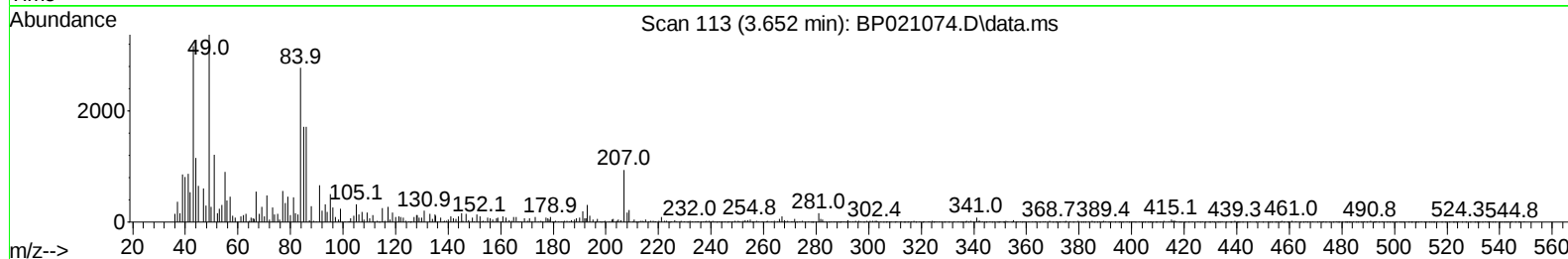
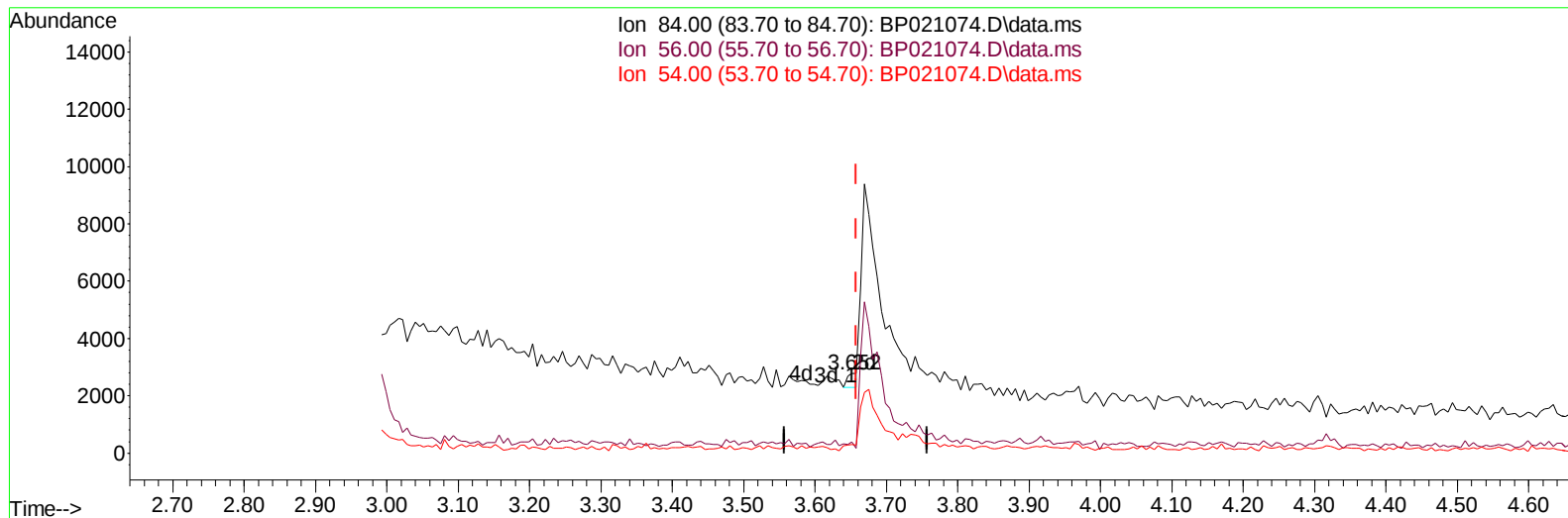
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:34:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021074.D\data.ms

(4) Pyridine-d5 (S)

3.652min (-0.006) 0.05 ng/u1

response 479

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	70.20	14.21#
54.00	34.30	10.96#
0.00	0.00	0.00

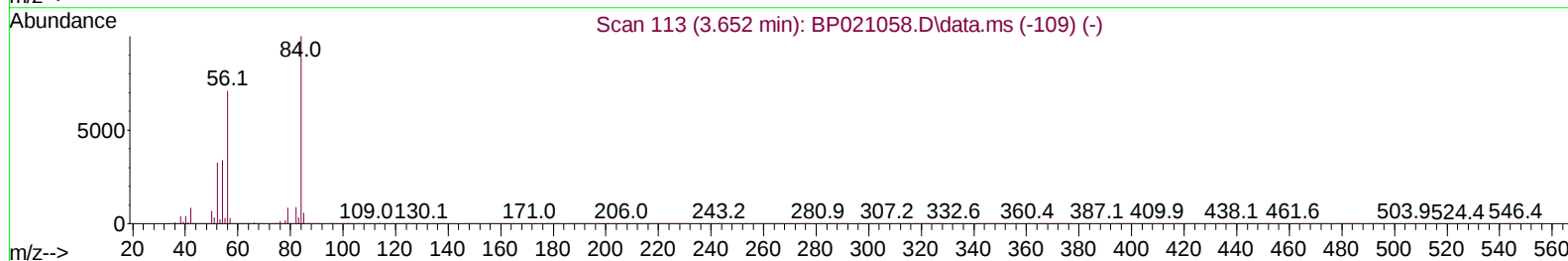
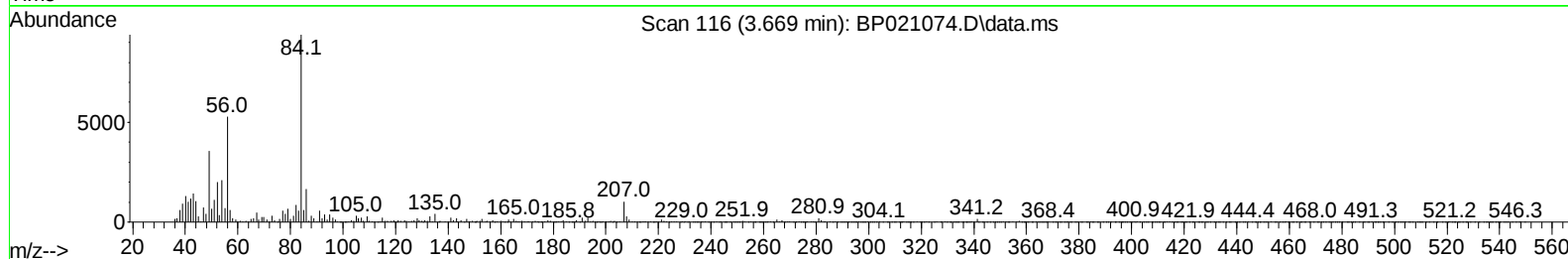
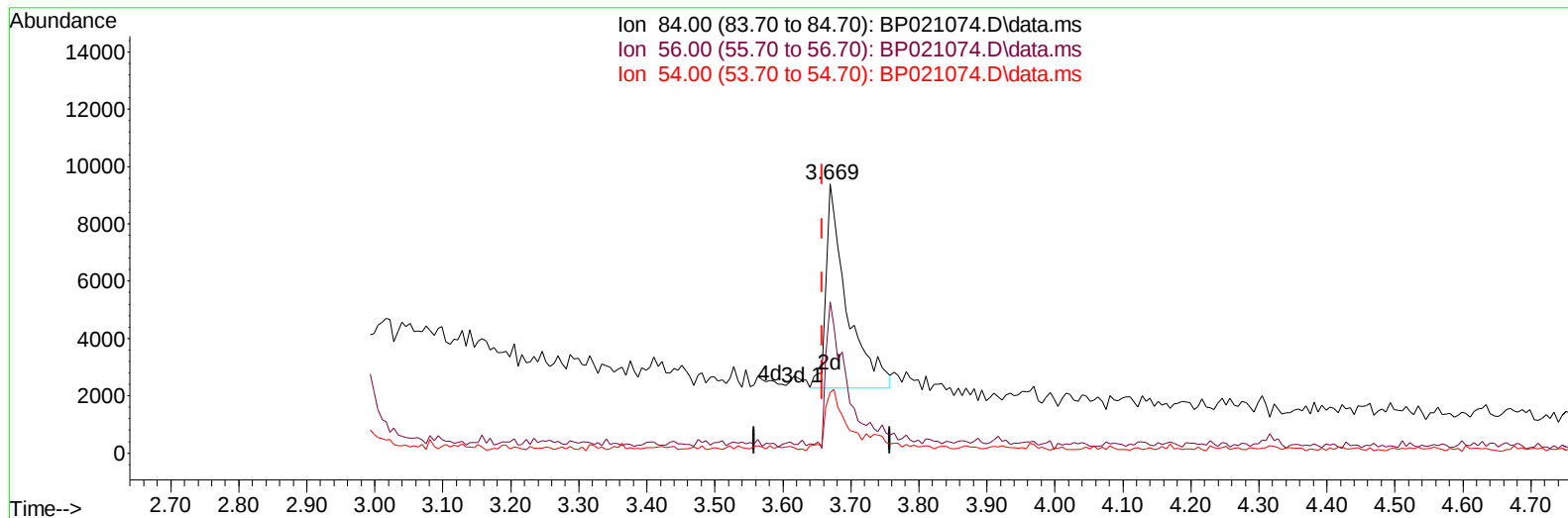
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
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Instrument :
BNA_P
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021074.D\data.ms

(4) Pyridine-d5 (S)

3.669min (+ 0.012) 1.54 ng/u1 m

response 15076

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	70.20	56.27
54.00	34.30	22.55#
0.00	0.00	0.00

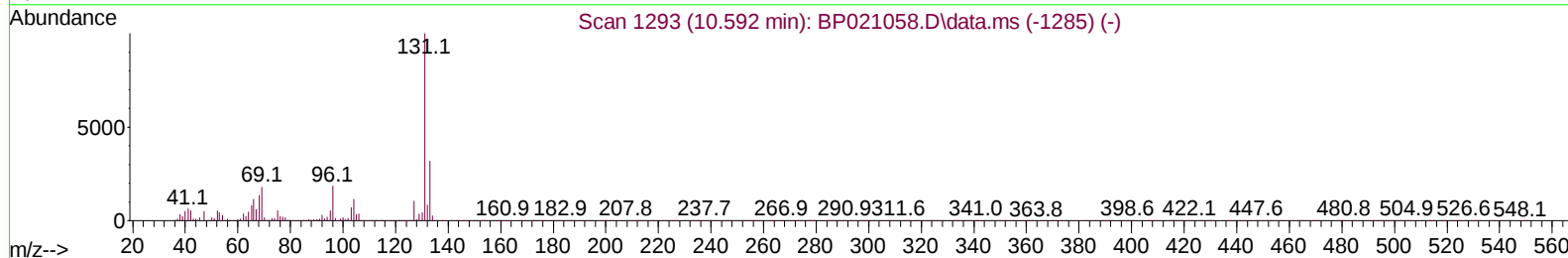
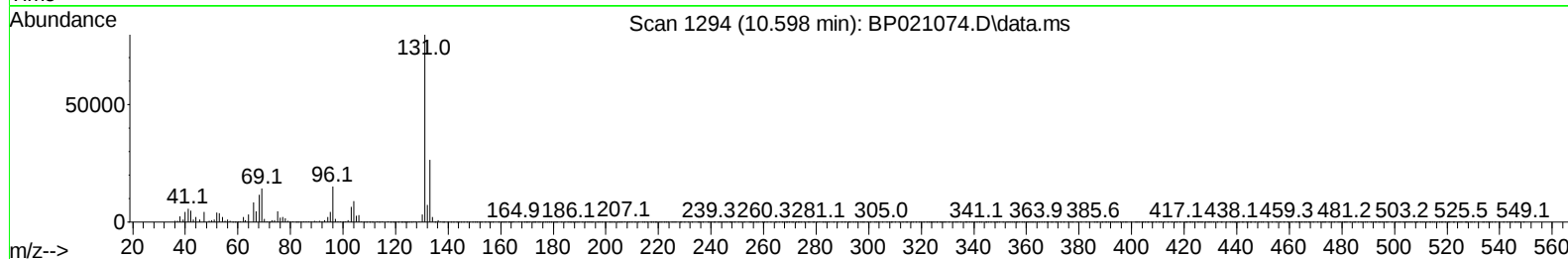
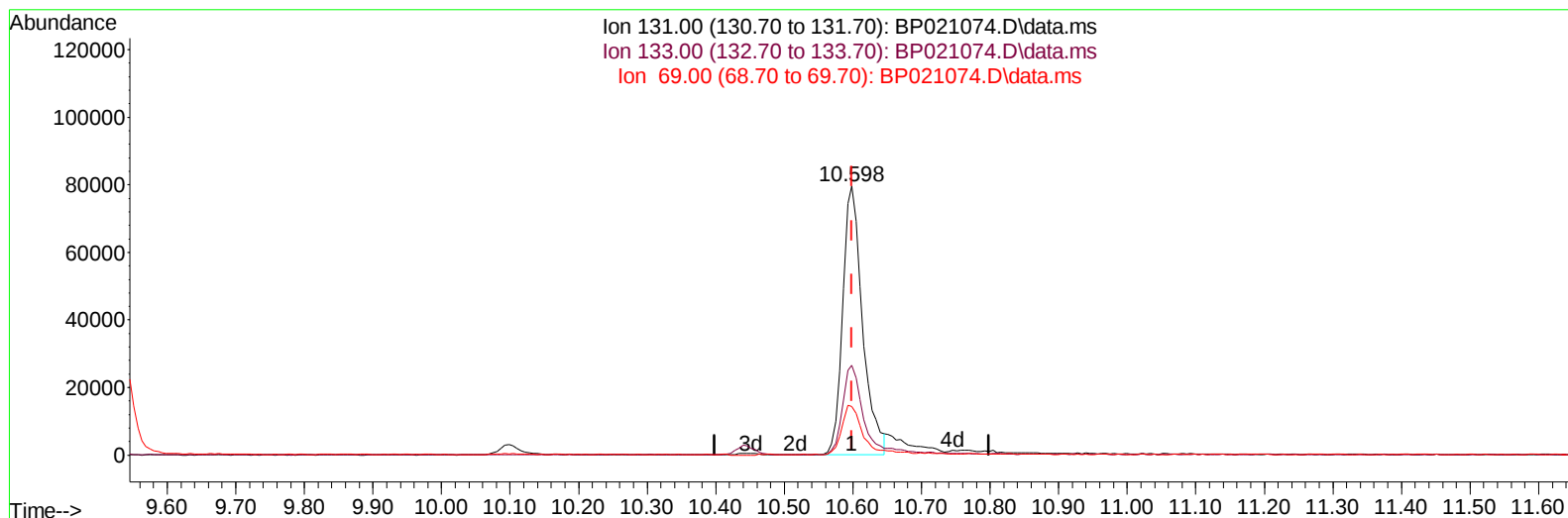
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:34:38 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
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TIC: BP021074.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.598min (-0.000) 11.63 ng/u1

response 158767

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.34
69.00	17.40	17.95
0.00	0.00	0.00

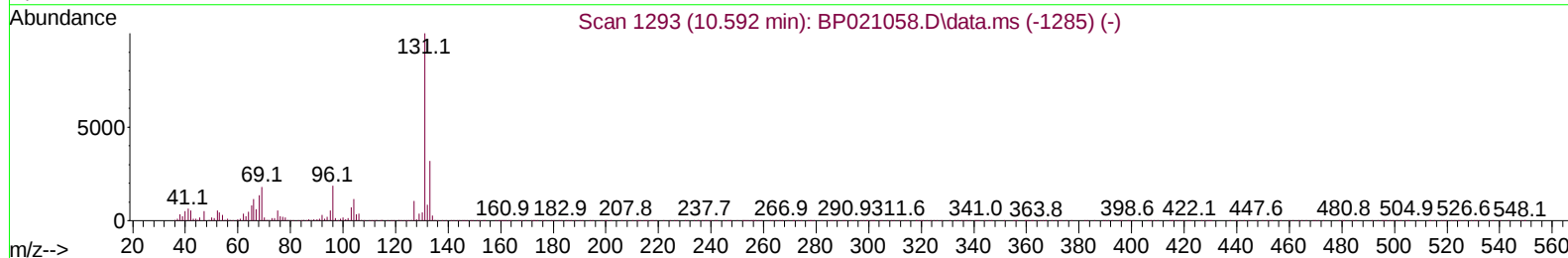
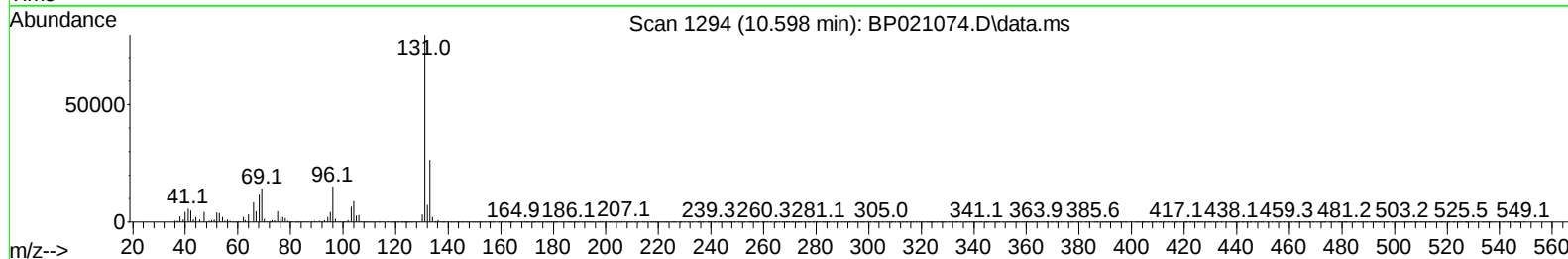
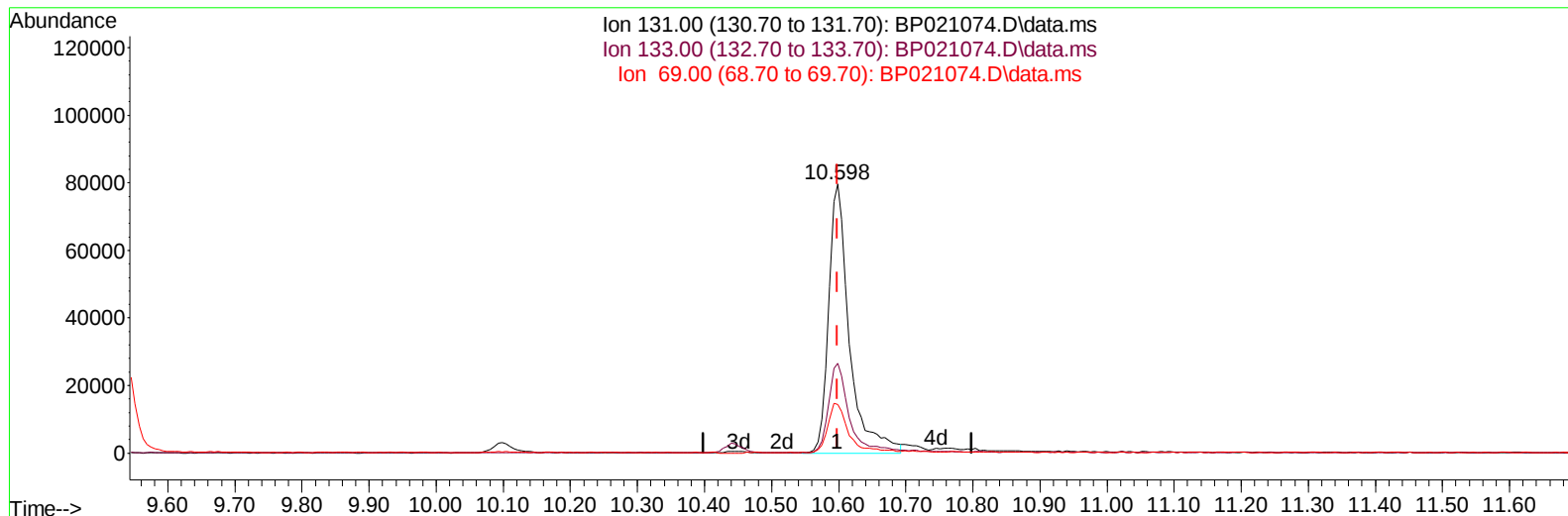
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:34:38 2024
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QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021074.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.598min (-0.000) 12.51 ng/ul m

response 170852

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.34
69.00	17.40	17.95
0.00	0.00	0.00

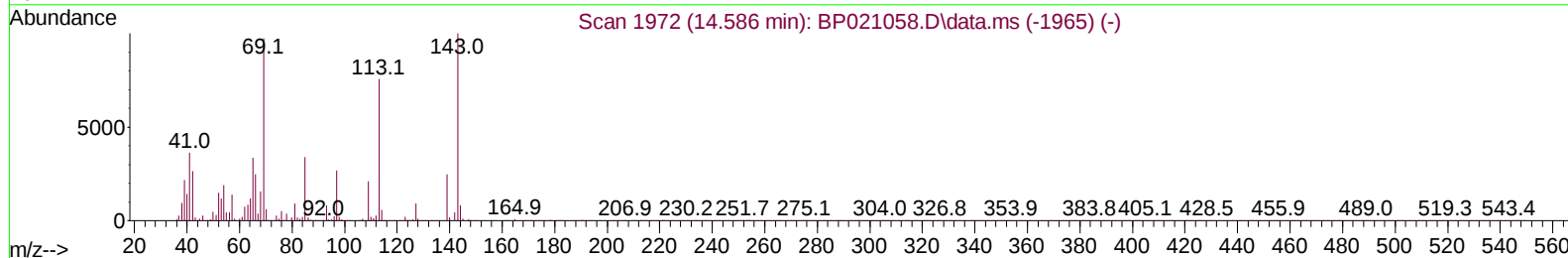
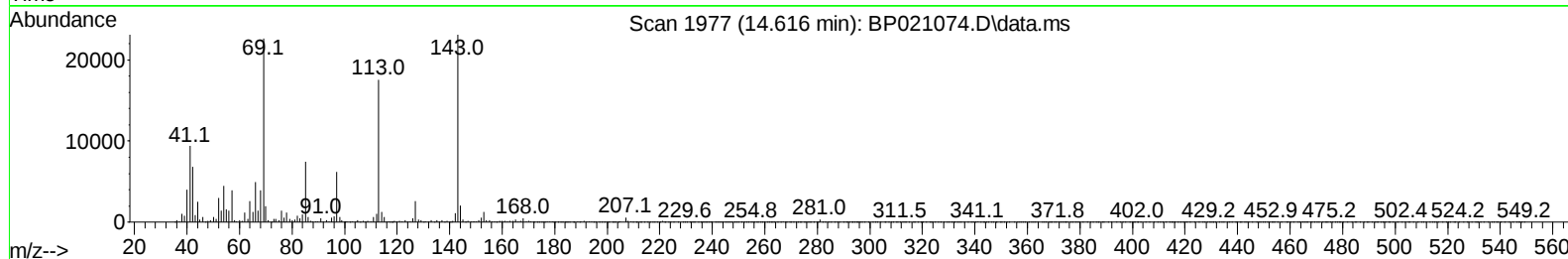
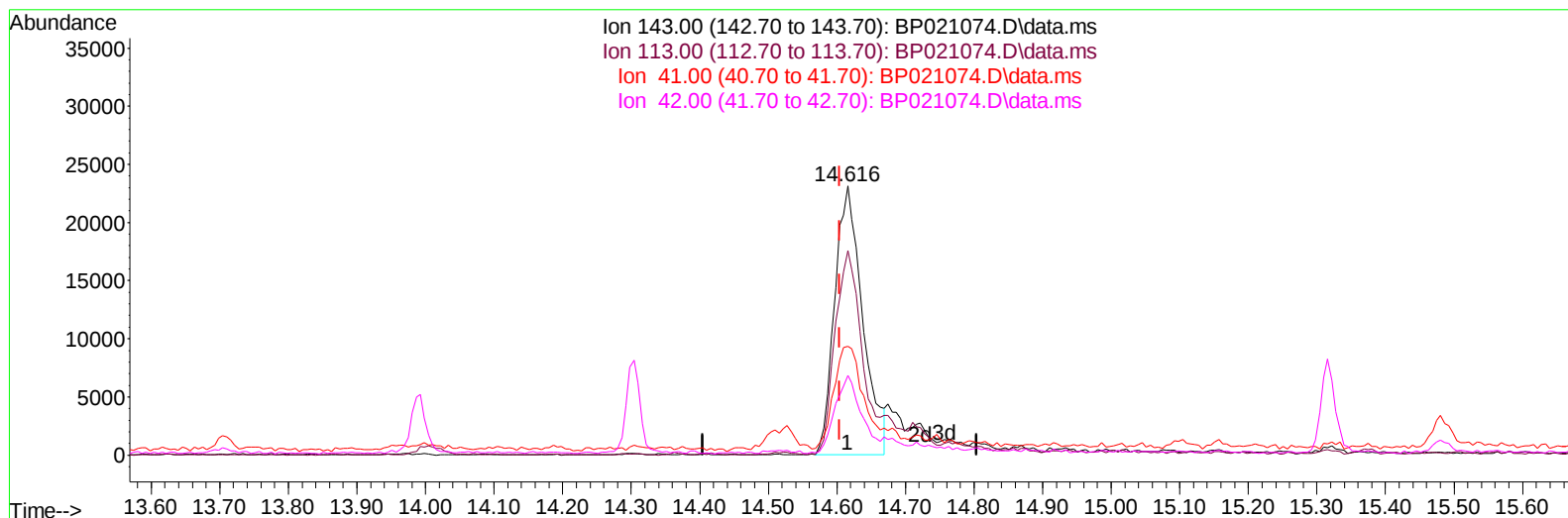
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:34:38 2024
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QLast Update : Thu Jul 18 14:23:21 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021074.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.616min (+ 0.012) 15.10 ng/u1

response 65234

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.03
41.00	37.90	40.54
42.00	27.10	29.56

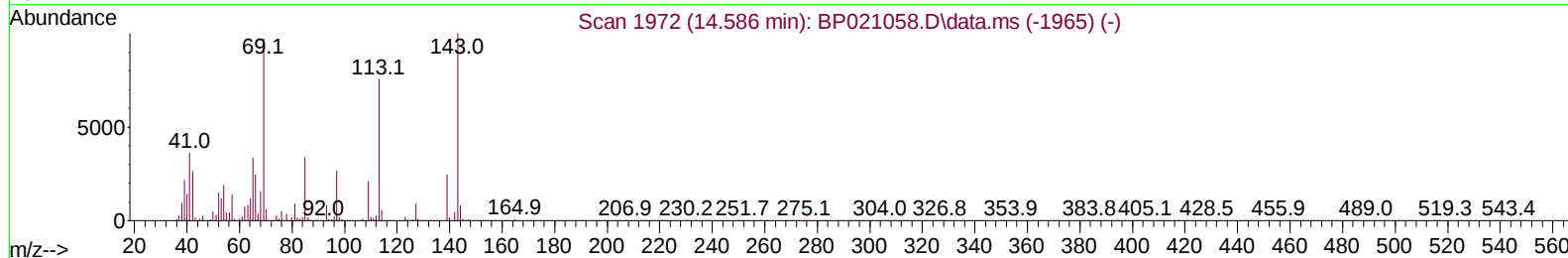
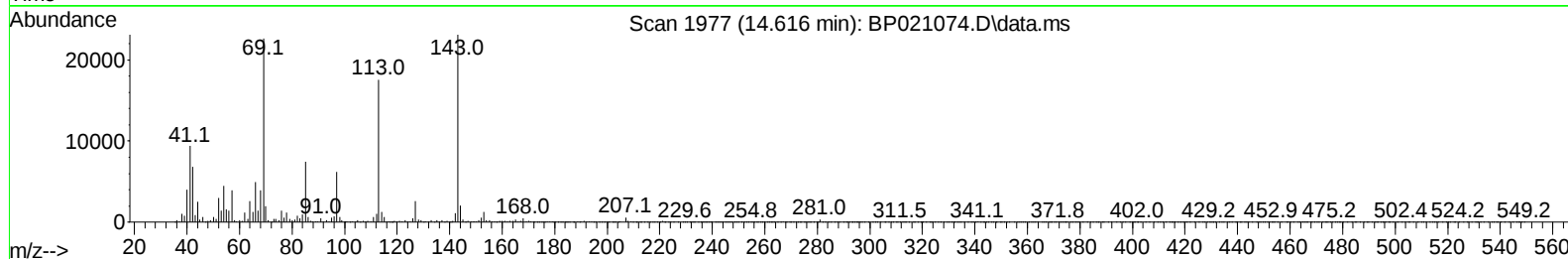
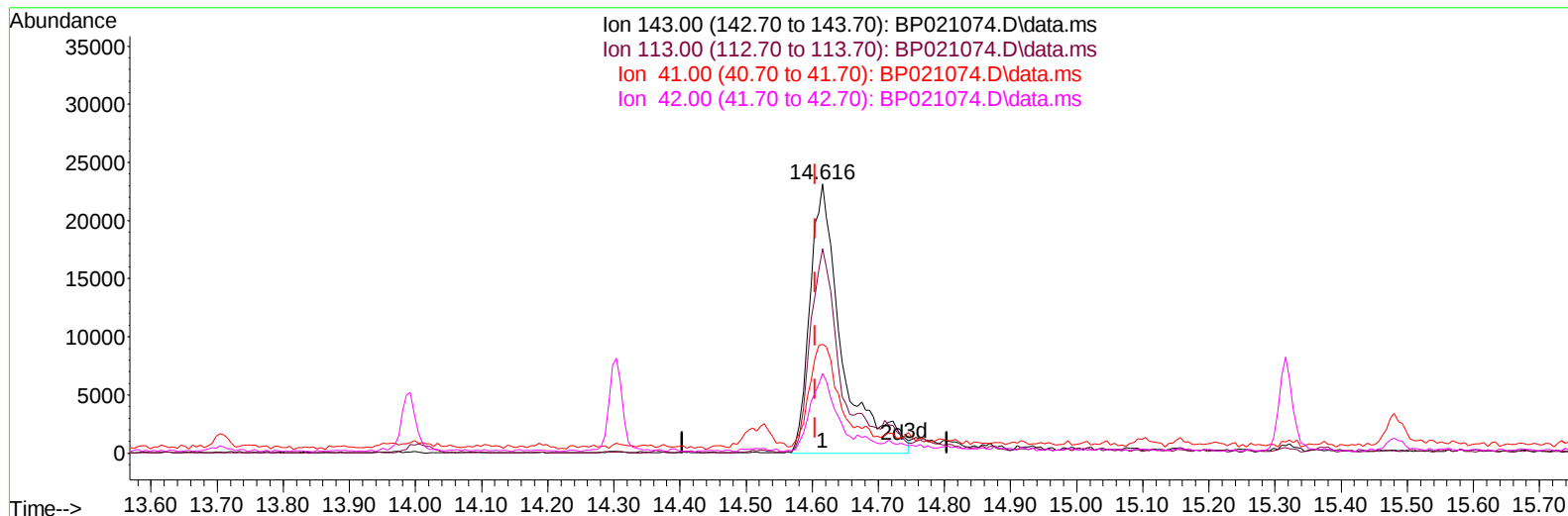
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:34:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021074.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.616min (+ 0.012) 17.89 ng/ul m

response 77295

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.03
41.00	37.90	40.54
42.00	27.10	29.56

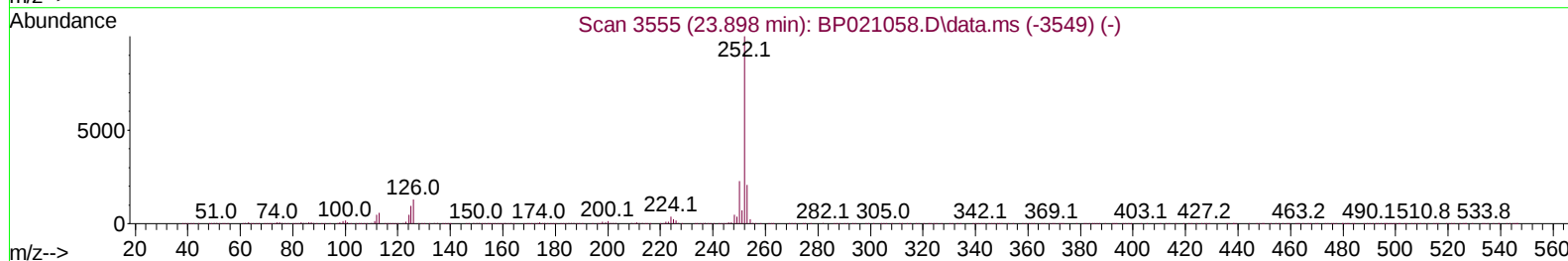
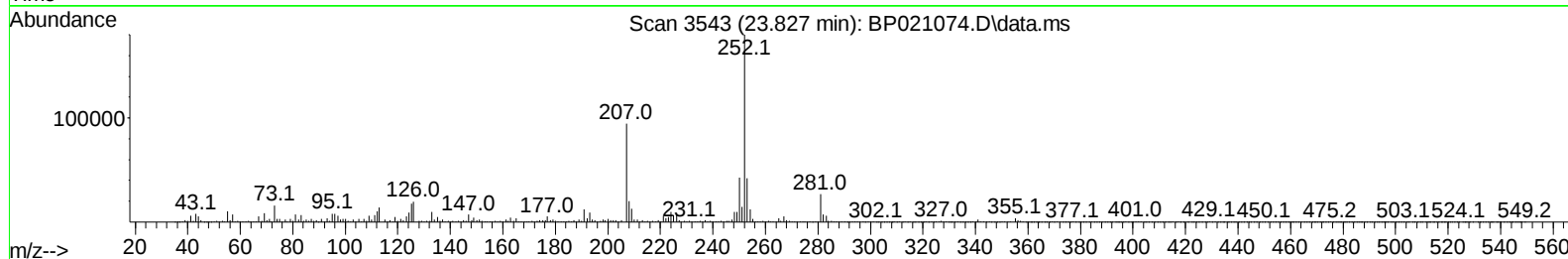
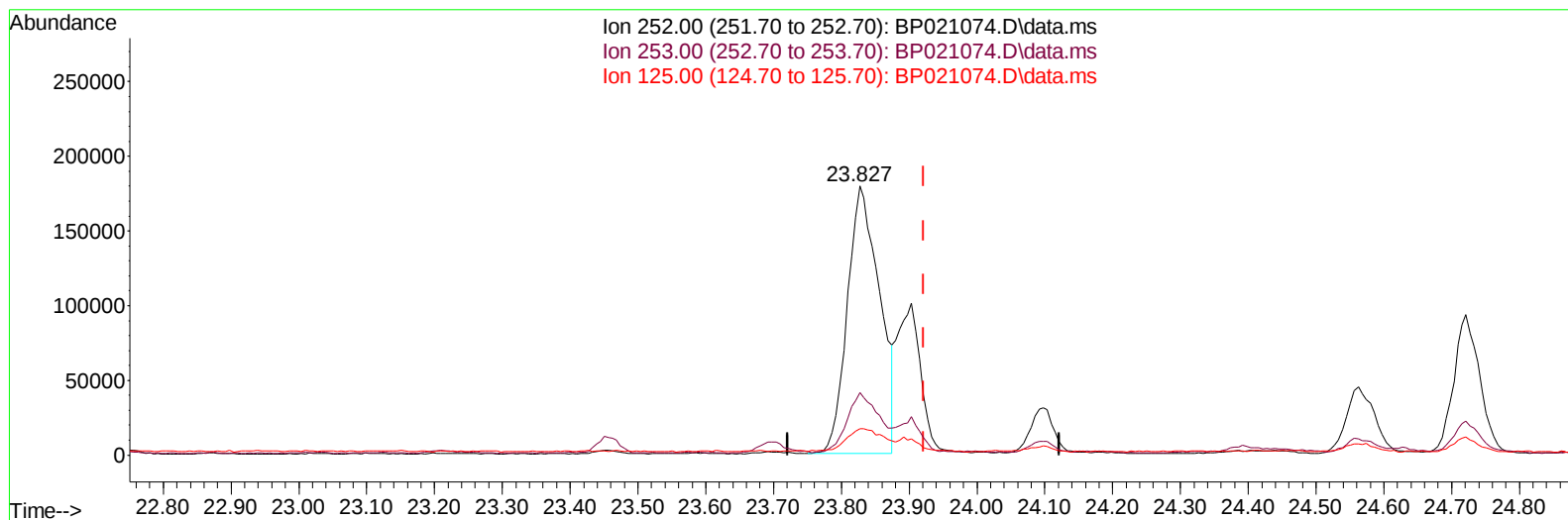
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:34:38 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021074.D\data.ms

(91) Benzo(k)fluoranthene

23.827min (-0.094) 9.31 ng/u1

response 591059

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.26
125.00	9.20	9.88
0.00	0.00	0.00

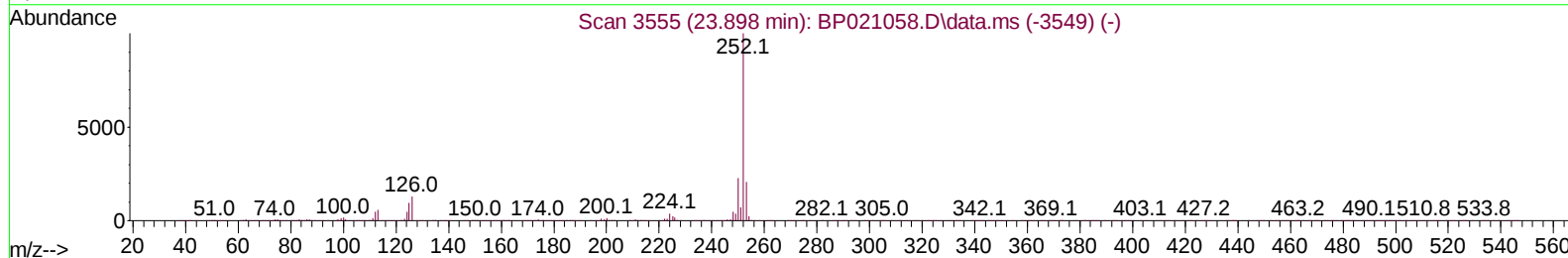
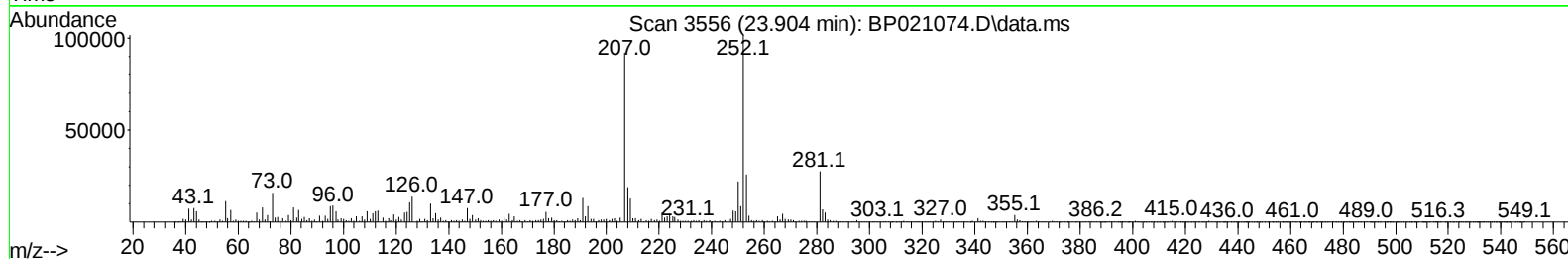
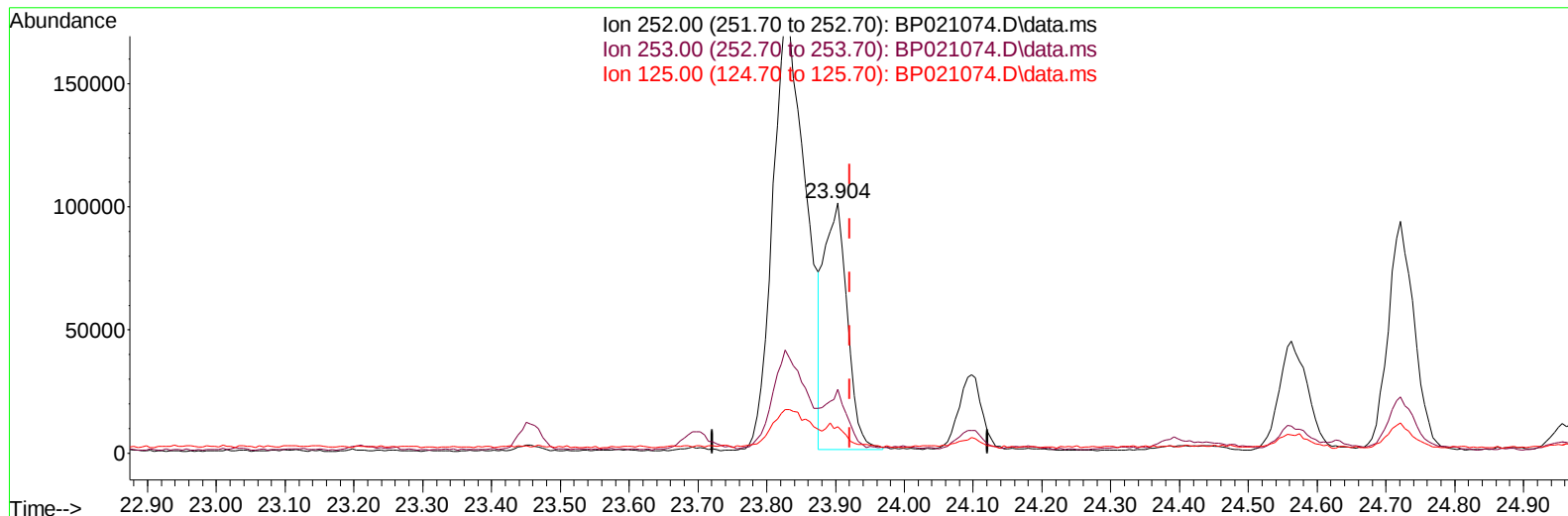
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:34:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021074.D\data.ms

(91) Benzo(k)fluoranthene

23.904min (-0.018) 3.72 ng/u1 m

response 236245

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	25.38
125.00	9.20	10.50
0.00	0.00	0.00

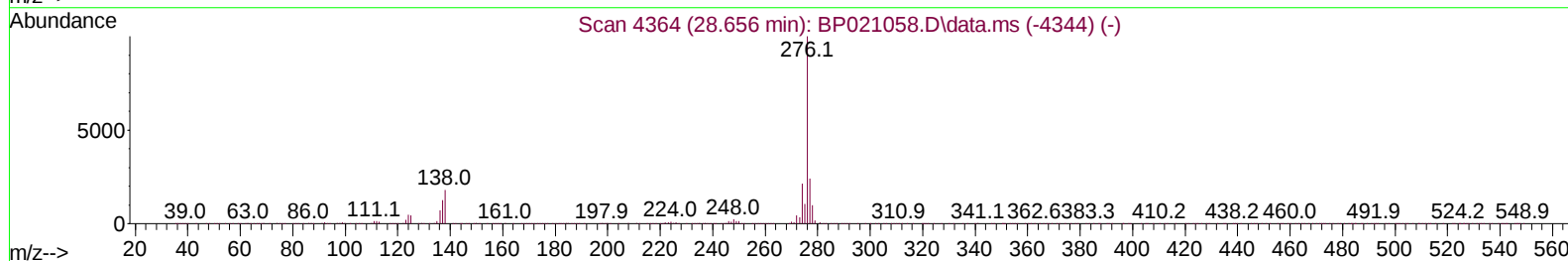
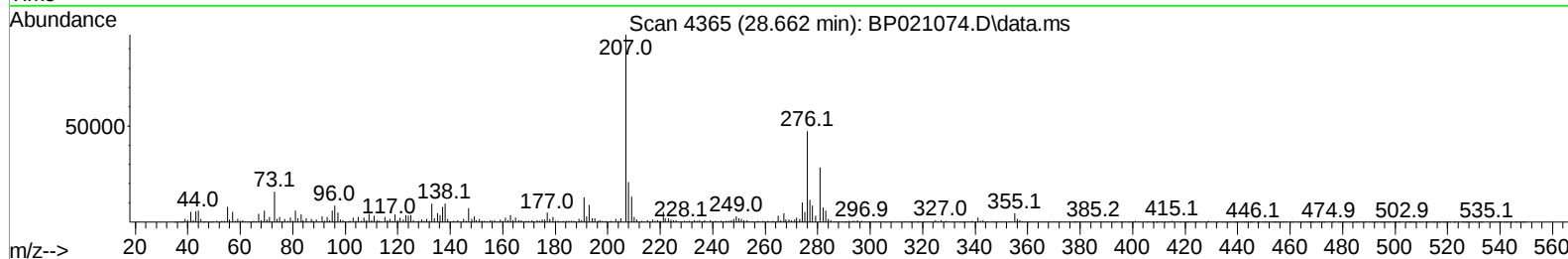
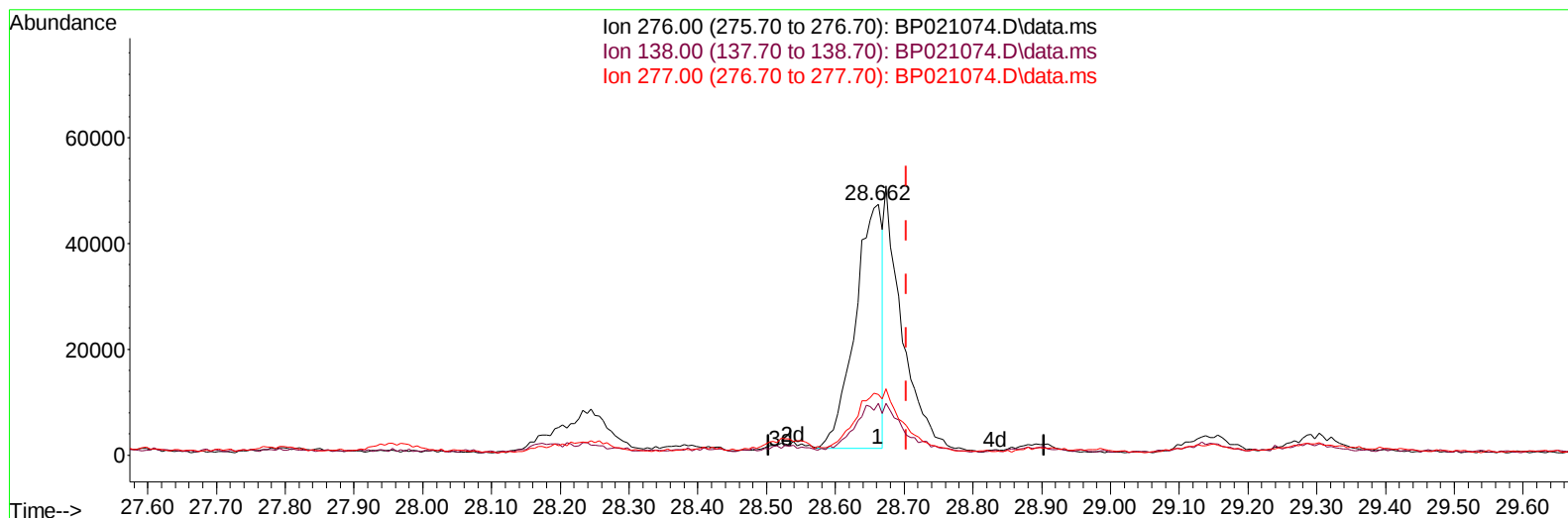
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021074.D
 Acq On : 19 Jul 2024 12:07
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE7

Manual IntegrationsAPPROVED

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TIC: BP021074.D\data.ms

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

28.662min (-0.041) 1.64 ng/u1

response 126696

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	20.52
277.00	24.00	24.23
0.00	0.00	0.00

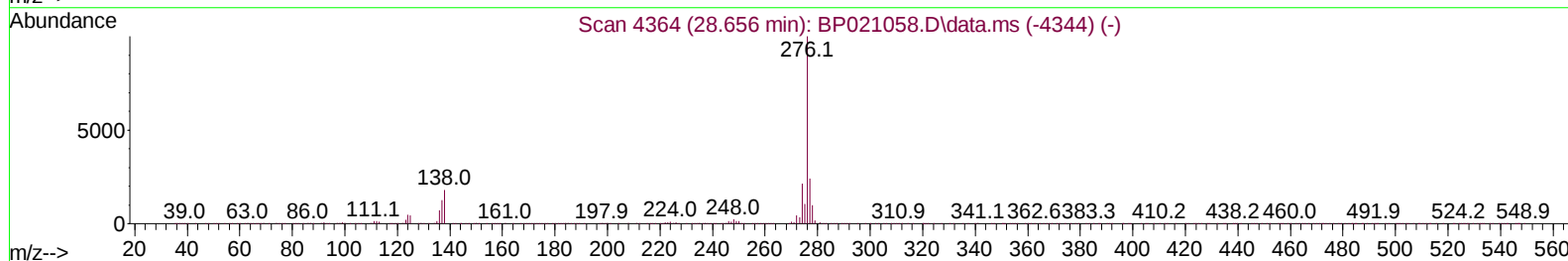
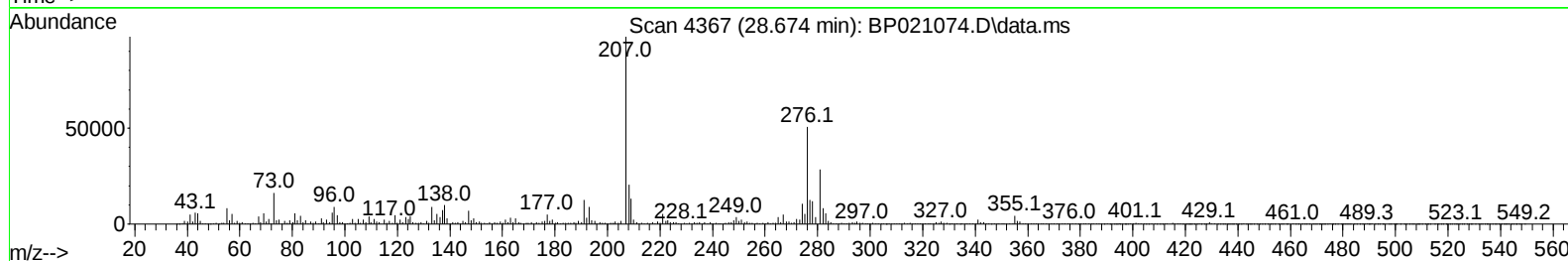
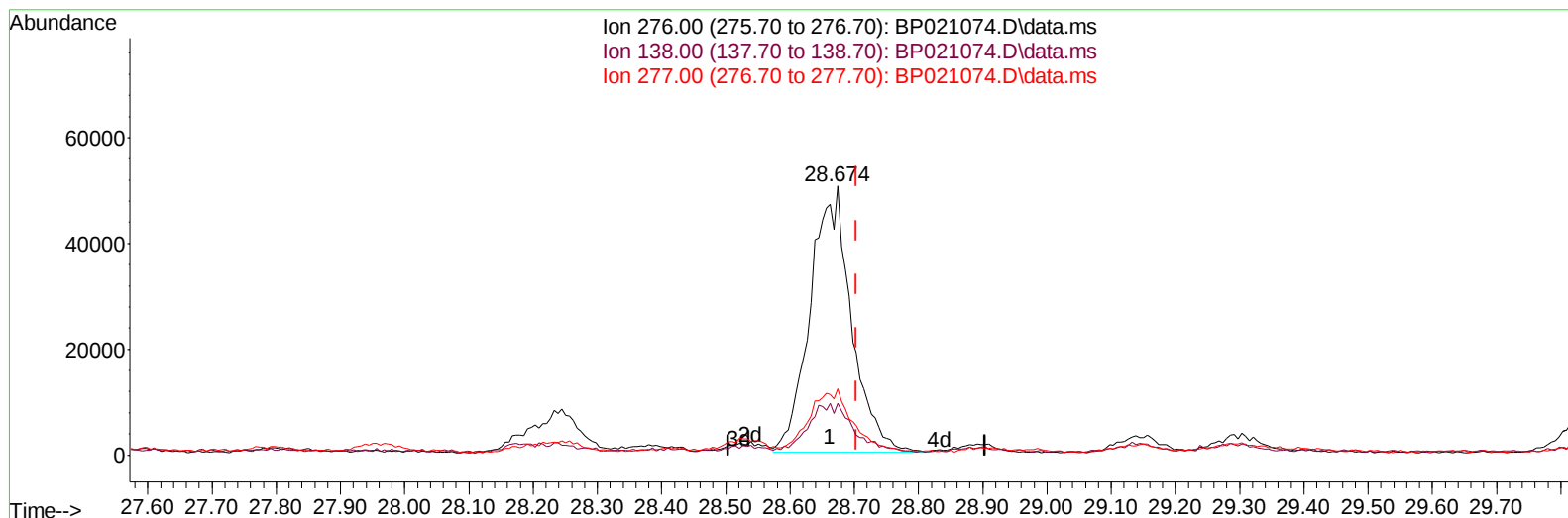
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
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TIC: BP021074.D\data.ms

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

28.674min (-0.030) 2.88 ng/u1 m

response 223217

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	19.34
277.00	24.00	24.68
0.00	0.00	0.00

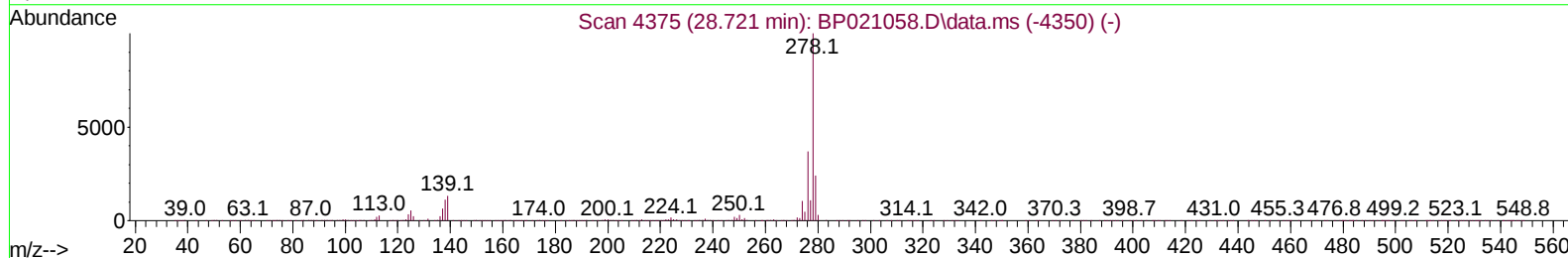
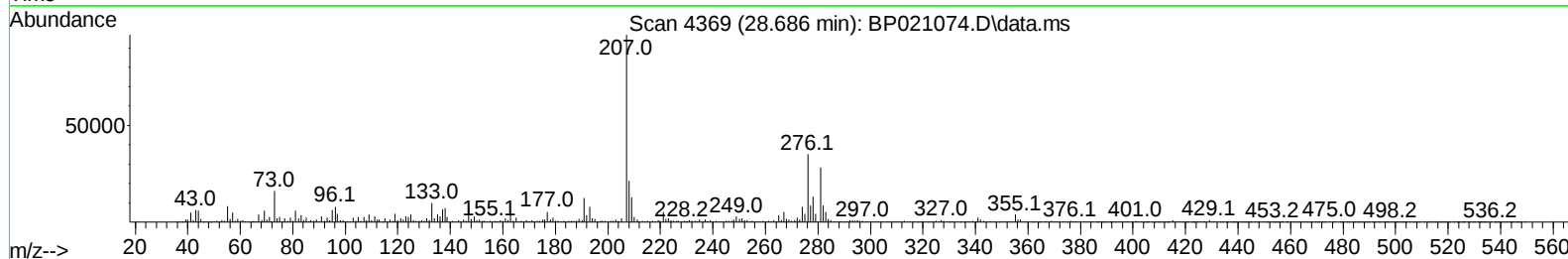
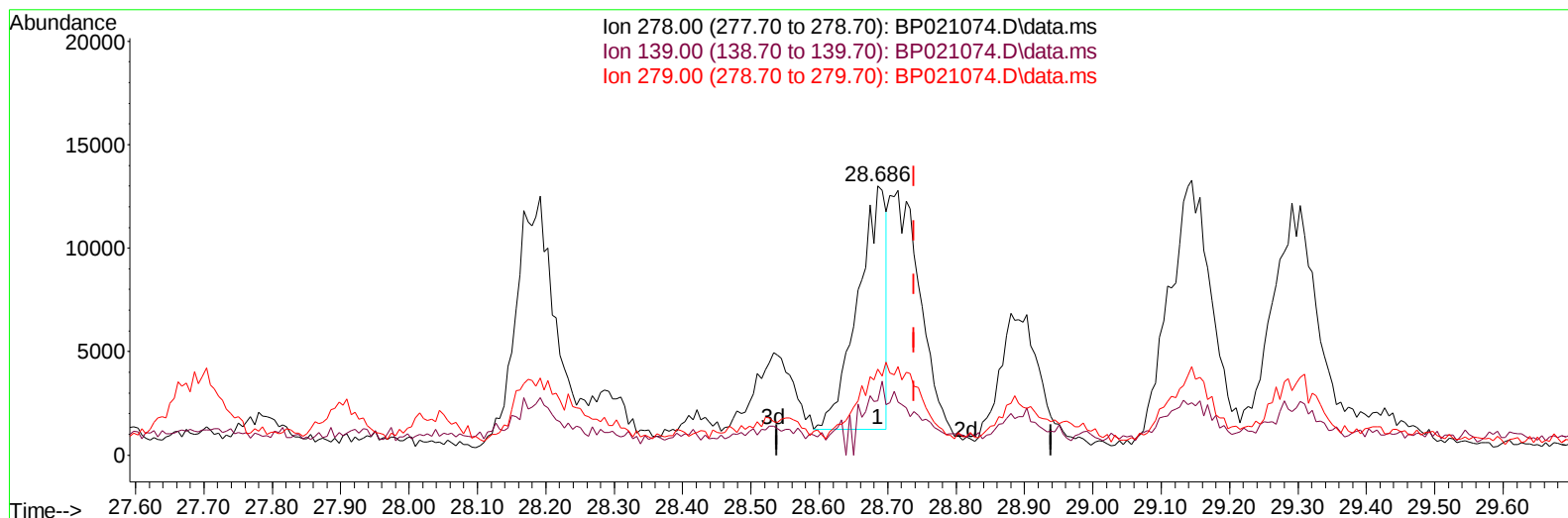
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP021074.D\data.ms

(95) Dibenzo(a,h)anthracene

28.686min (-0.053) 0.53 ng/u1

response 33688

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	20.09#
279.00	24.20	31.91#
0.00	0.00	0.00

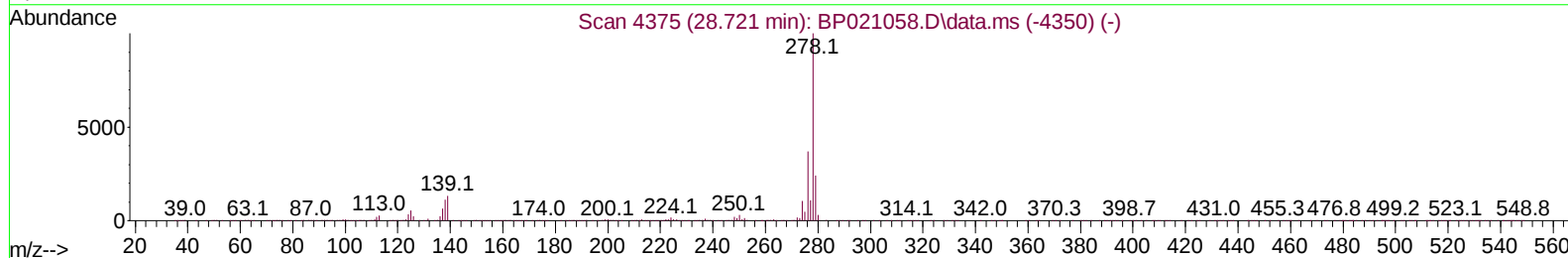
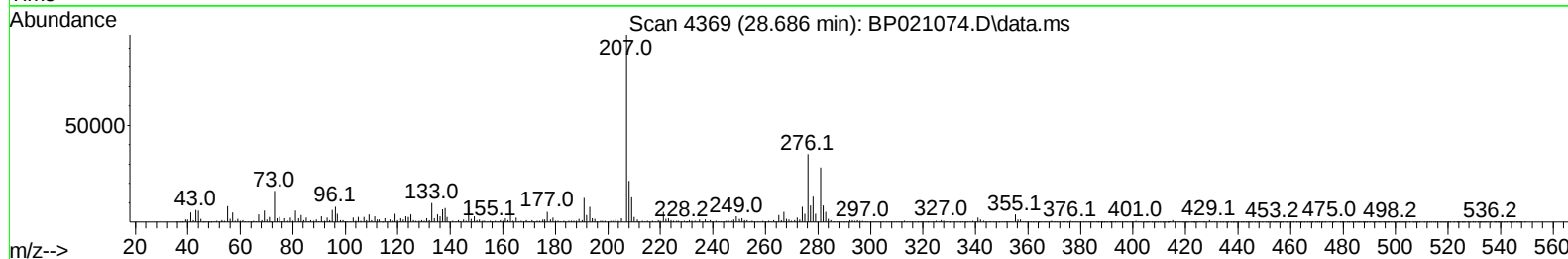
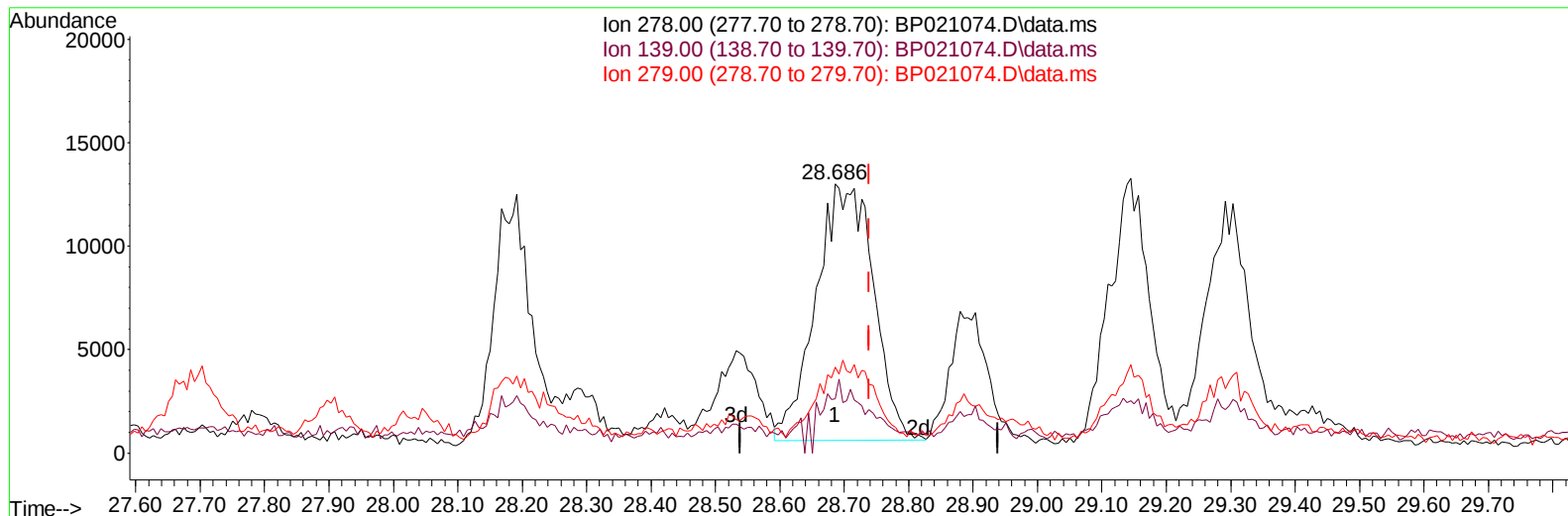
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Supervised By :mohammad ahmed 07/20/2024



TIC: BP021074.D\data.ms

(95) Dibenzo(a,h)anthracene

28.686min (-0.053) 1.20 ng/ul m

response 76892

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	20.09#
279.00	24.20	31.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 20 01:21:22 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	153795	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.440	136	641178	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	417708	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.127	188	898048	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	877789	20.000	ng/ul	-0.02
88) Perylene-d12	24.880	264	1047784	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	11589	3.429	ng/uL	0.00
4) Pyridine-d5	3.669	84	15076m	1.541	ng/ul	0.01
7) Phenol-d5	6.893	99	228168	18.197	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	127562	16.787	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	187564	18.156	ng/ul	-0.01
15) 4-Methylphenol-d8	8.404	113	181143	17.394	ng/ul	-0.01
21) Nitrobenzene-d5	8.834	128	85586	17.186	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.540	143	101374	17.785	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	180153	17.479	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	170852m	12.513	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	562360	18.520	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	641458	18.813	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	77295m	17.891	ng/ul	0.01
60) Fluorene-d10	15.316	176	511342	20.527	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	53078	9.768	ng/ul	0.00
73) Anthracene-d10	17.227	188	799407	20.042	ng/ul	0.00
81) Pyrene-d10	19.616	212	906207	16.699	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.651	264	729716	14.121	ng/ul	-0.04
Target Compounds						
					Qvalue	
61) Fluorene	15.375	166	31890	1.114	ng/ul#	94
72) Phenanthrene	17.169	178	636276	13.658	ng/ul	100
74) Anthracene	17.263	178	110938	2.336	ng/ul	97
77) Carbazole	17.563	167	71494	1.841	ng/ul	97
80) Fluoranthene	19.269	202	1116252	17.032	ng/ul	99
82) Pyrene	19.645	202	763001	11.441	ng/ul	100
85) Benzo(a)anthracene	21.545	228	471214	7.663	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	52169	1.305	ng/ul	98
87) Chrysene	21.615	228	468077	8.192	ng/ul	97
90) Benzo(b)fluoranthene	23.827	252	591059	9.296	ng/ul	96
91) Benzo(k)fluoranthene	23.904	252	236245m	3.723	ng/ul	
93) Benzo(a)pyrene	24.721	252	244114	4.063	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.674	276	223217m	2.883	ng/ul	
95) Dibenzo(a,h)anthracene	28.686	278	76892m	1.199	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 01:21:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

