

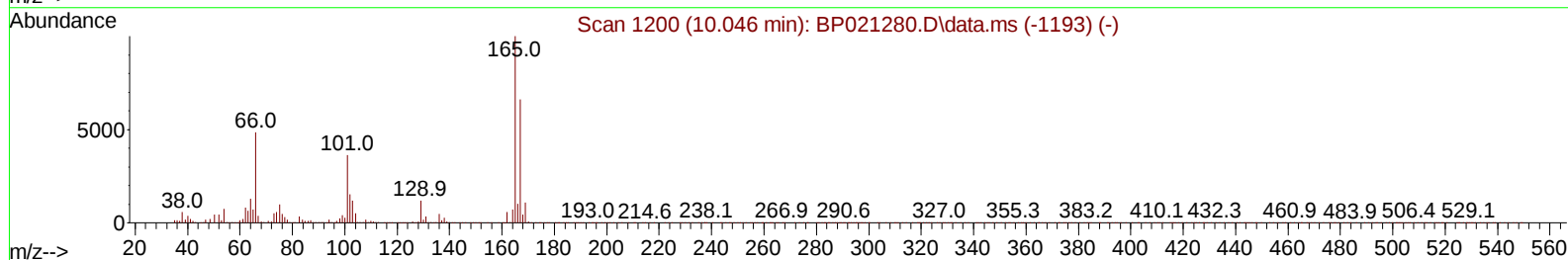
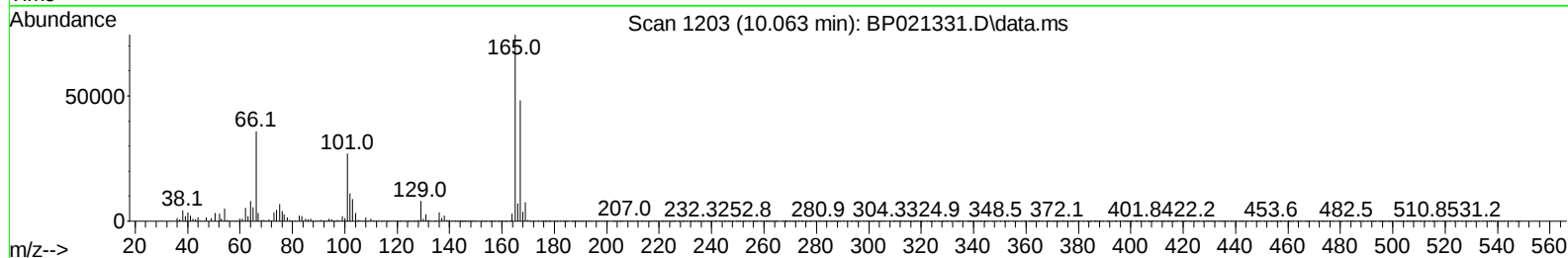
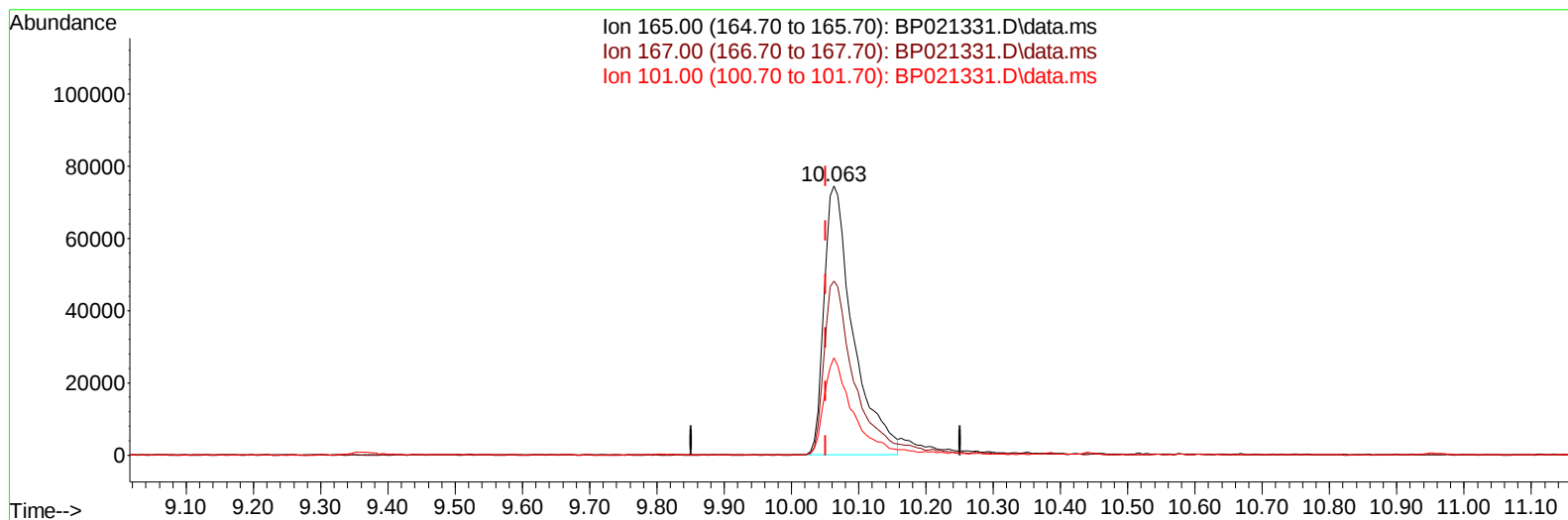
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021331.D
Acq On : 02 Aug 2024 22:26
Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLO

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:00:24 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 :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021331.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.063min (+ 0.012) 25.28 ng/u1

response 223056

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	64.80
101.00	35.50	36.20
0.00	0.00	0.00

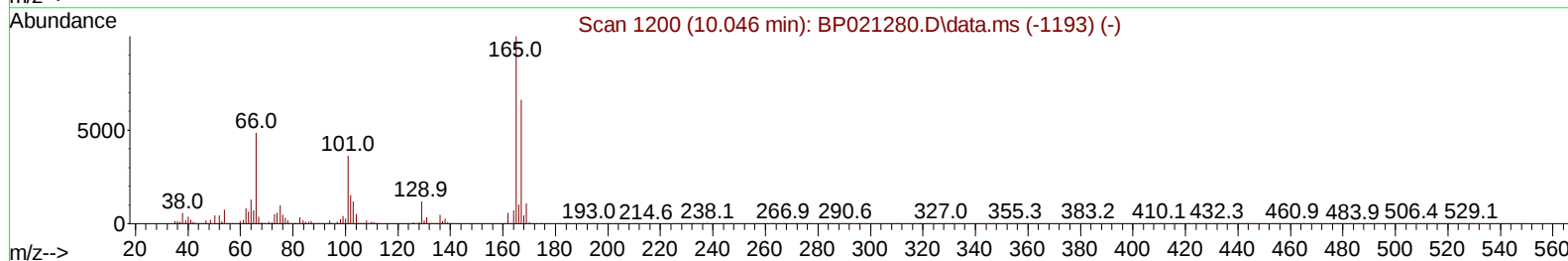
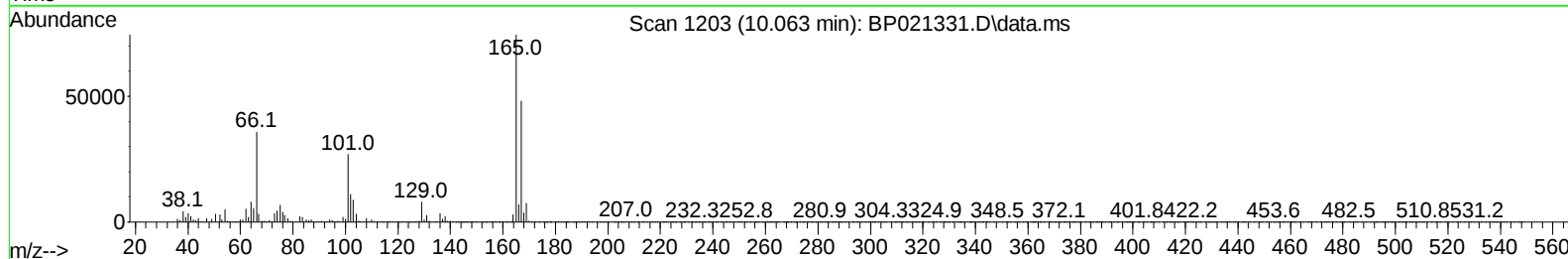
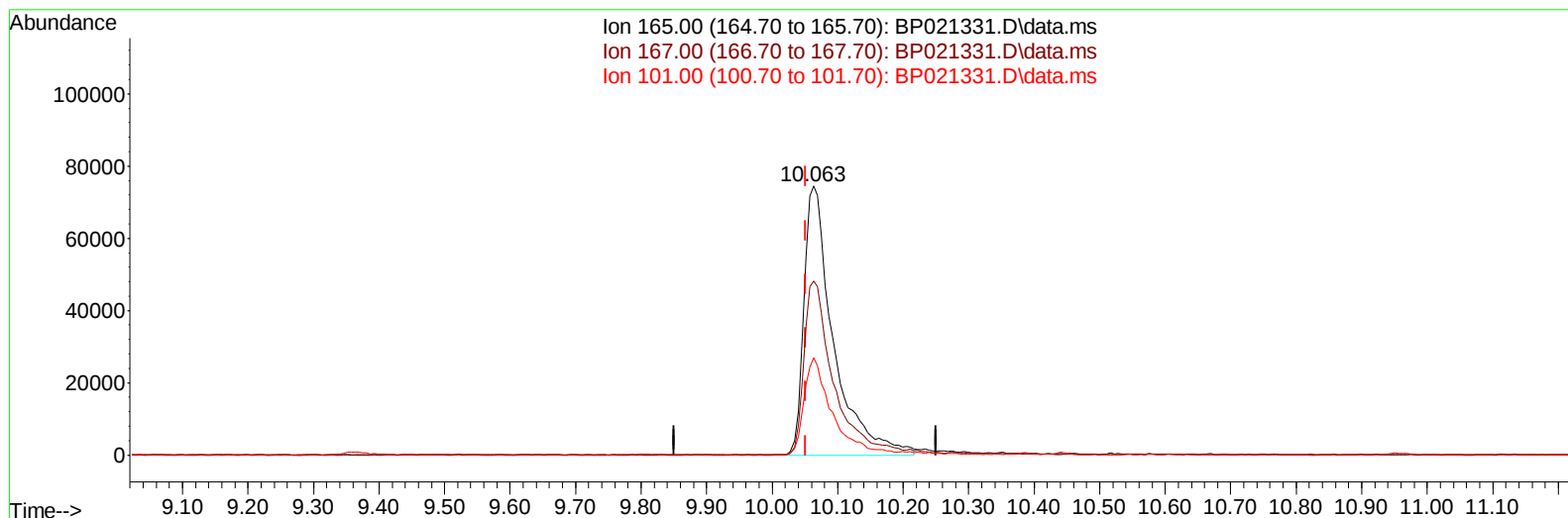
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021331.D
 Acq On : 02 Aug 2024 22:26
 Operator : CG/JU
 Sample : P3263-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CLO

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:00:24 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 :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024



TIC: BP021331.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.063min (+ 0.012) 26.57 ng/ul m

response 234462

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	64.80
101.00	35.50	36.20
0.00	0.00	0.00

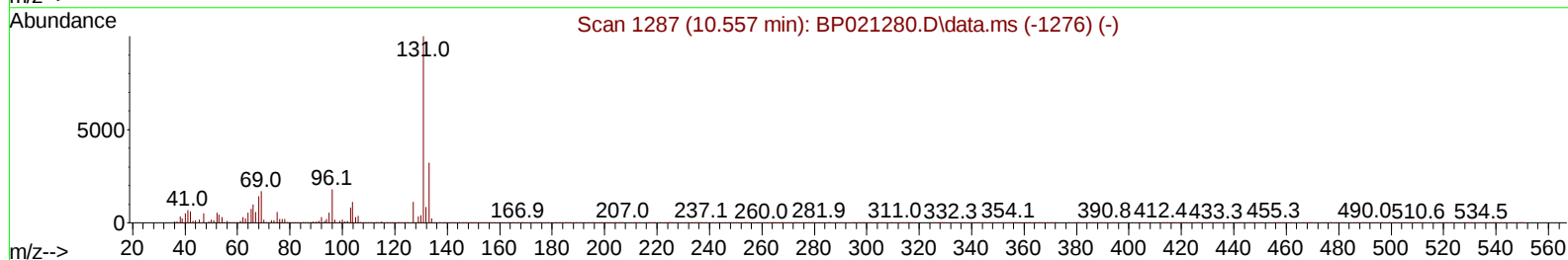
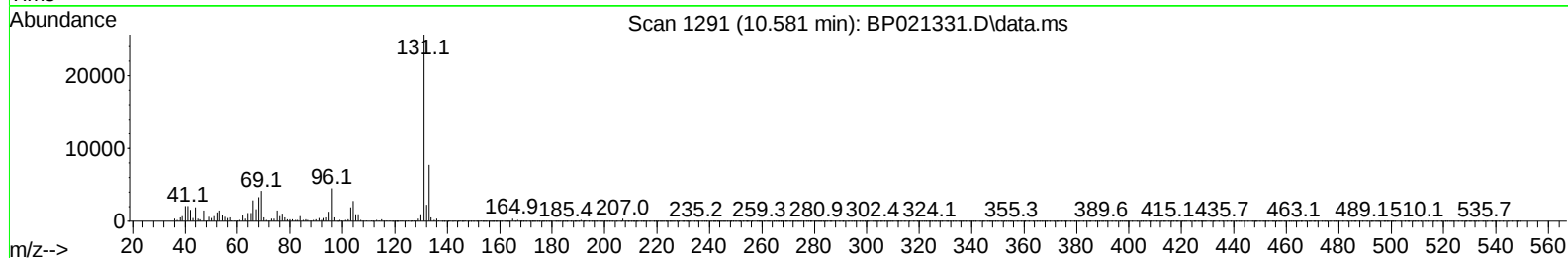
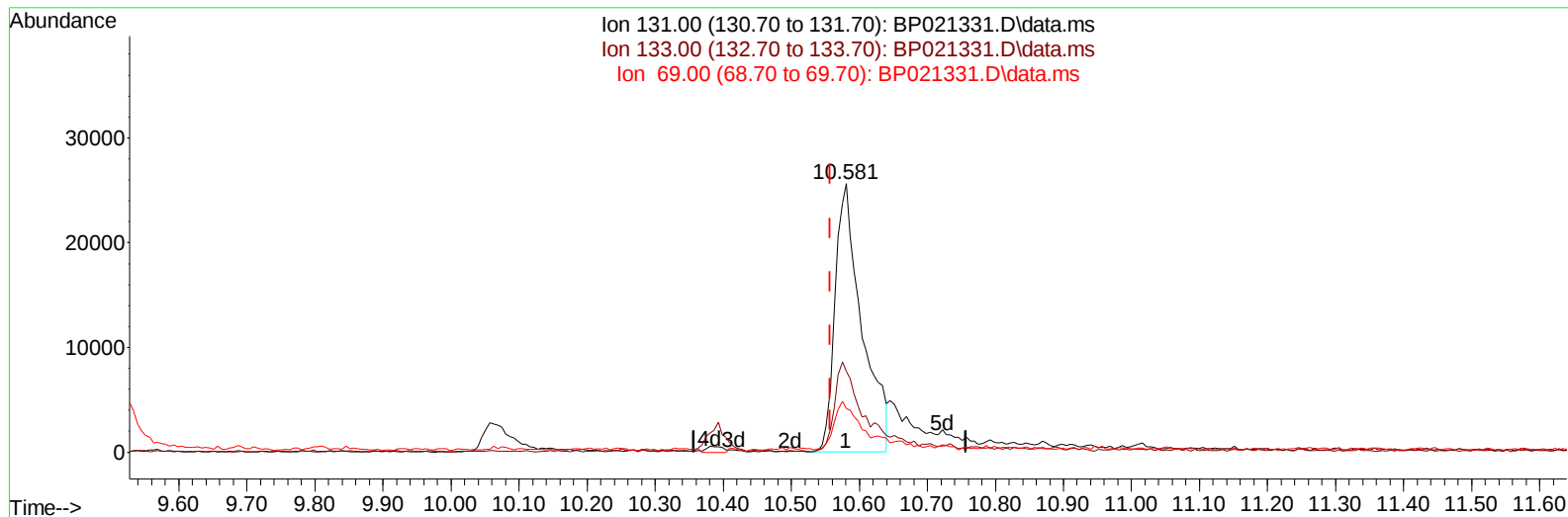
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021331.D
Acq On : 02 Aug 2024 22:26
Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLO

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:00:24 2024
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TIC: BP021331.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.581min (+ 0.024) 6.01 ng/ul

response 70216

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	30.12
69.00	17.40	16.12
0.00	0.00	0.00

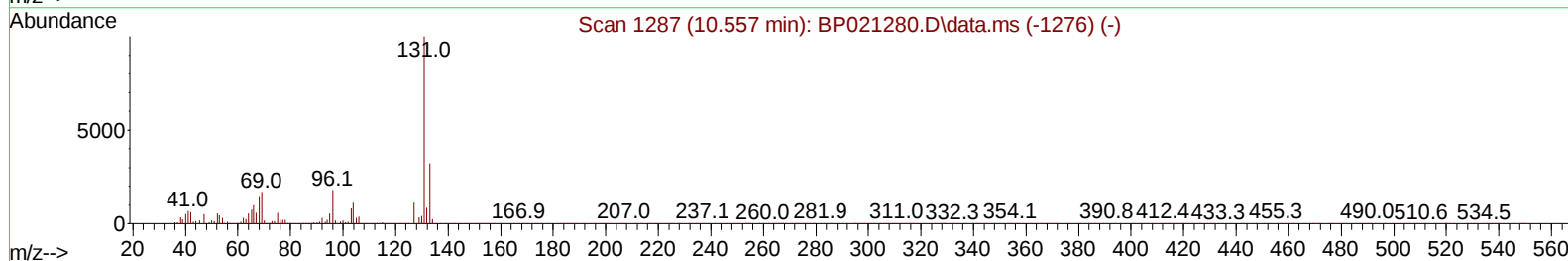
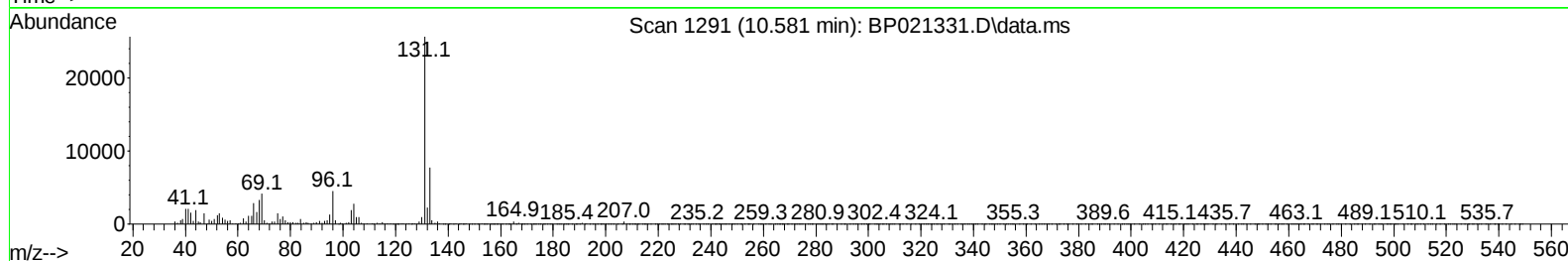
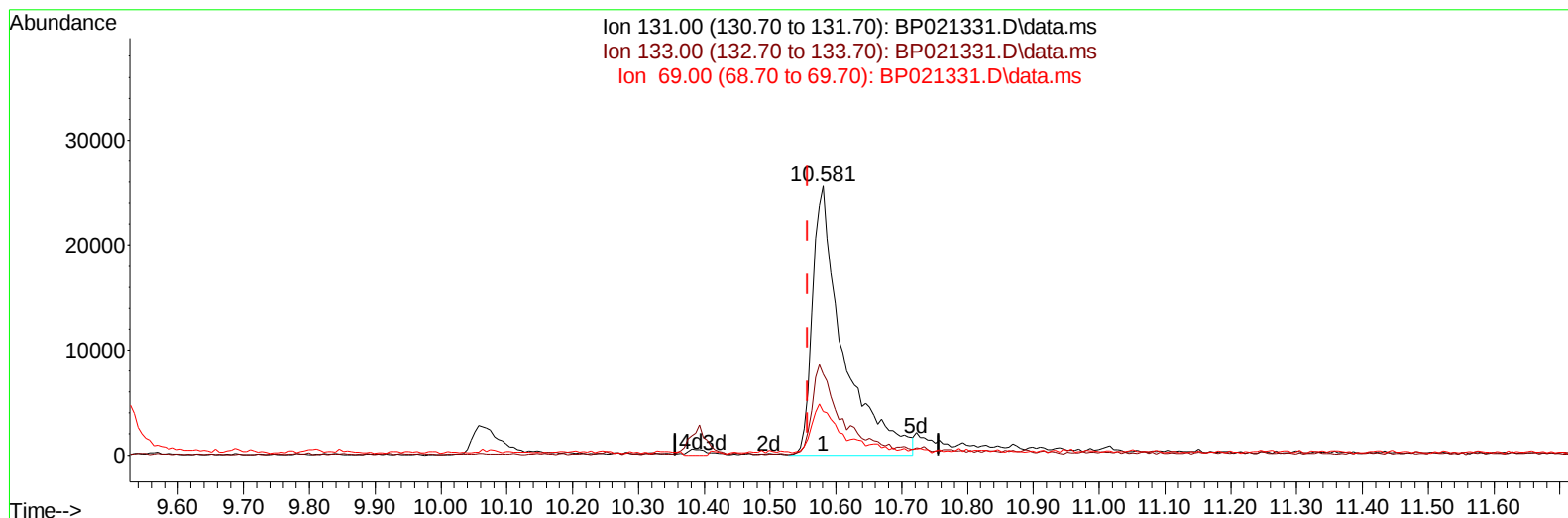
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021331.D
Acq On : 02 Aug 2024 22:26
Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLO

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:00:24 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 :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021331.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.581min (+ 0.024) 7.11 ng/ul m

response 83123

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	30.12
69.00	17.40	16.12
0.00	0.00	0.00

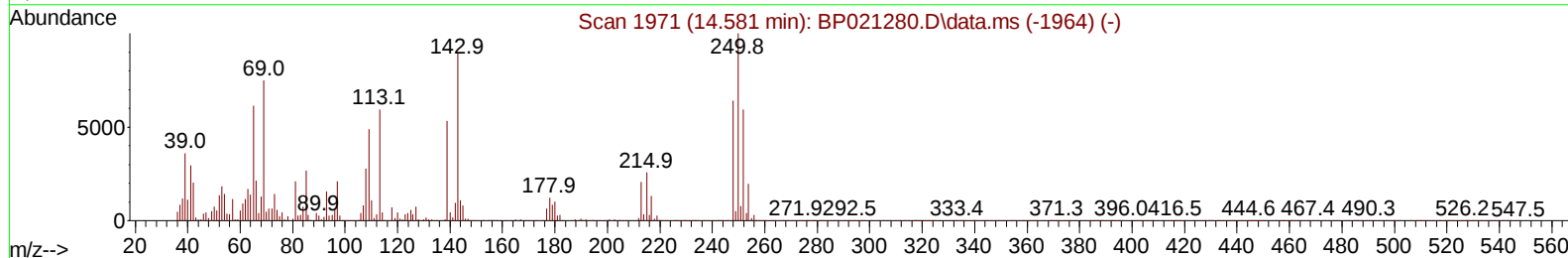
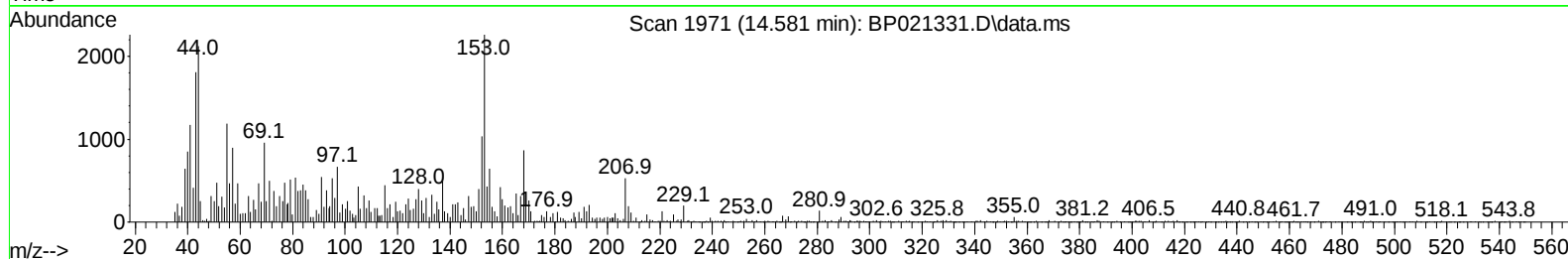
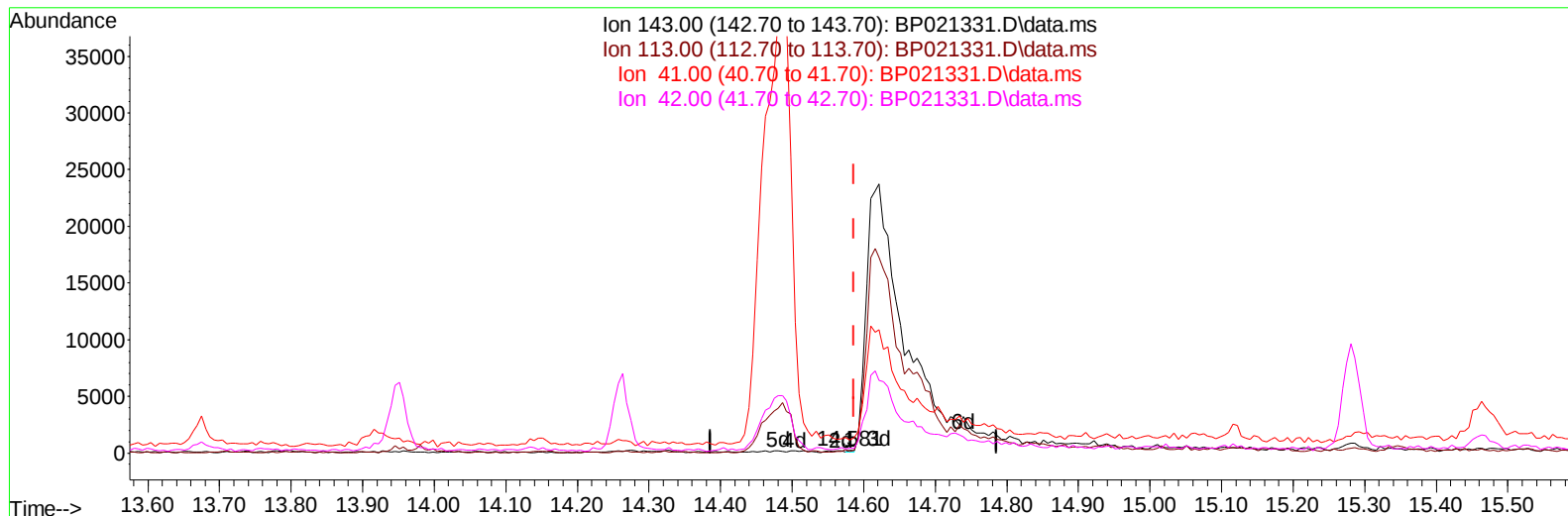
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021331.D
Acq On : 02 Aug 2024 22:26
Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLO

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:00:24 2024
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Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021331.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.581min (-0.006) 0.03 ng/ul

response 95

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	64.98
41.00	37.90	493.67#
42.00	27.10	174.26#

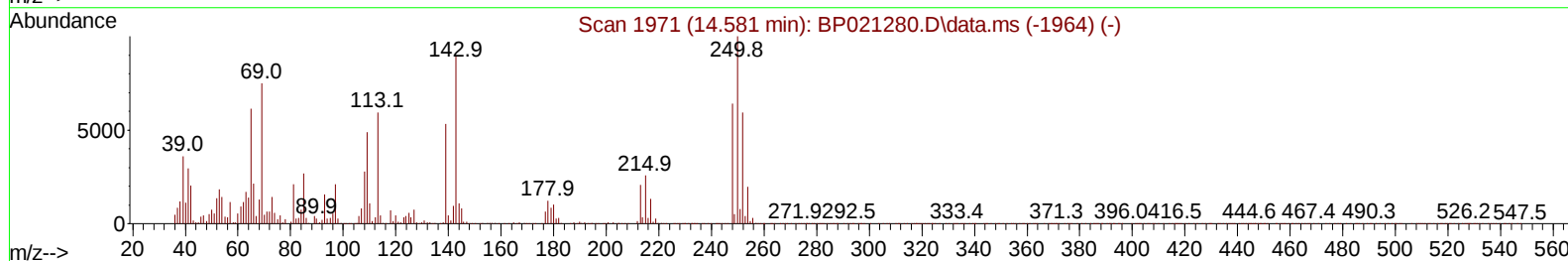
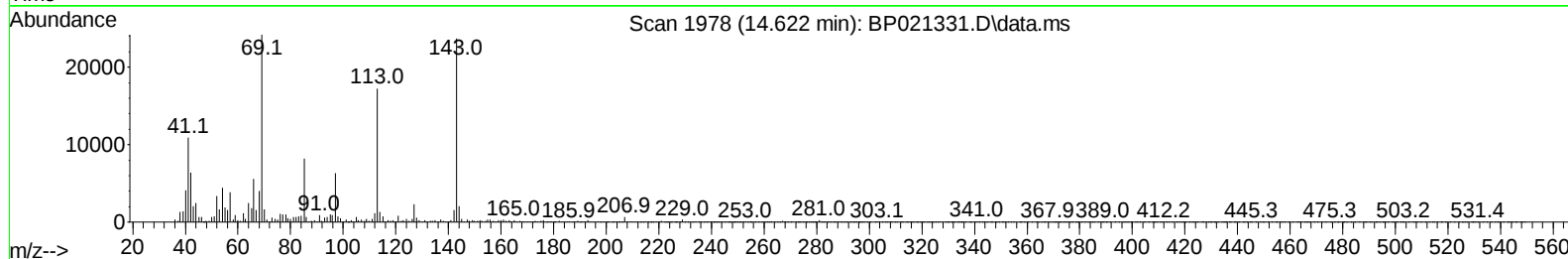
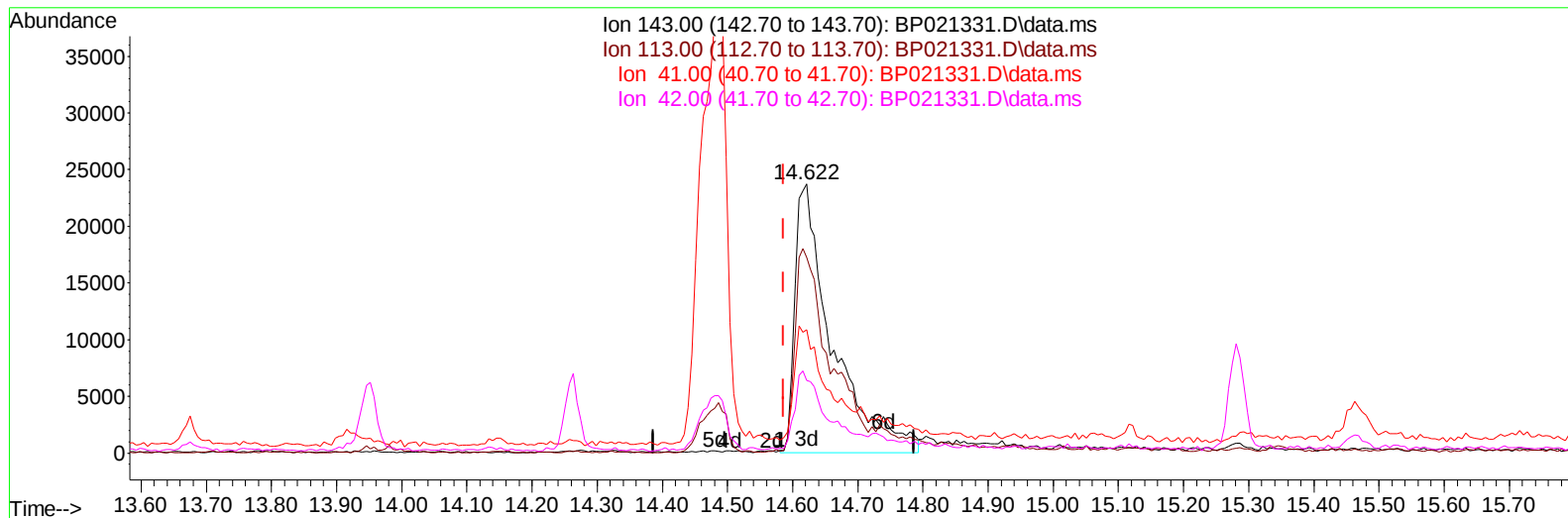
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021331.D
Acq On : 02 Aug 2024 22:26
Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLO

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:00:24 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 :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021331.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.622min (+ 0.036) 26.17 ng/ul m

response 94571

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	72.78
41.00	37.90	45.89#
42.00	27.10	26.98

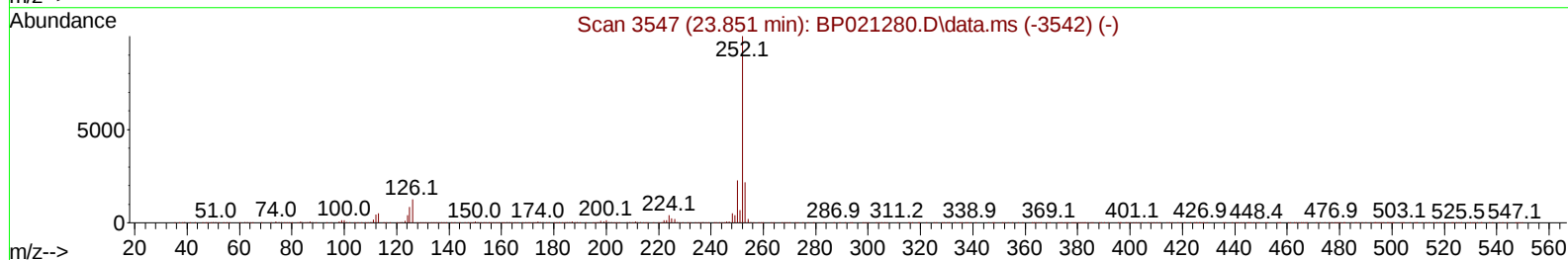
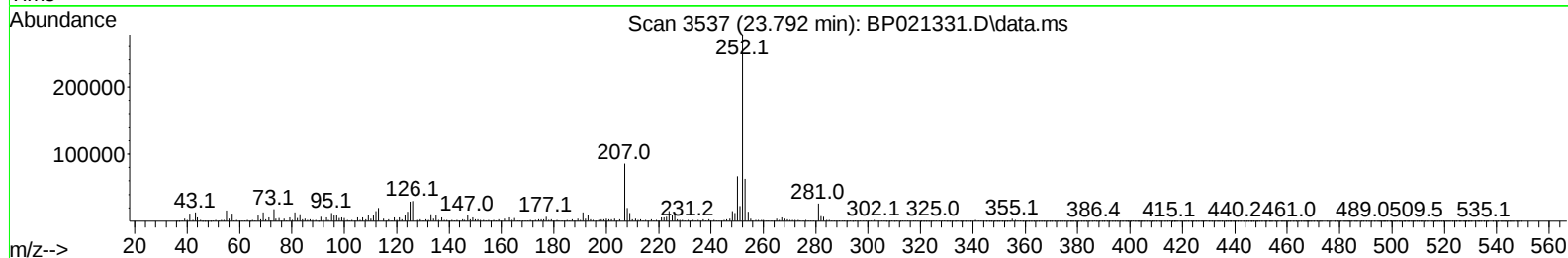
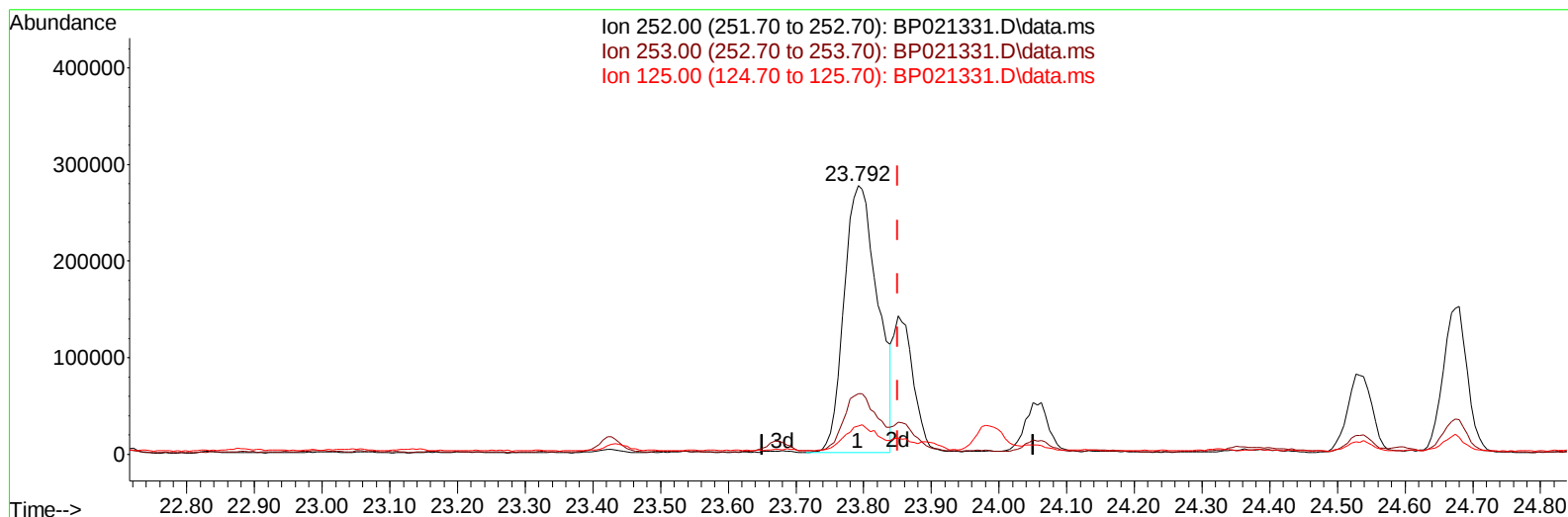
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021331.D
Acq On : 02 Aug 2024 22:26
Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLO

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:00:24 2024
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Reviewed By :Yogesh Patel 08/03/2024
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TIC: BP021331.D\data.ms

(91) Benzo(k)fluoranthene

23.792min (-0.059) 16.12 ng/u1

response 956870

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.58
125.00	9.20	10.45
0.00	0.00	0.00

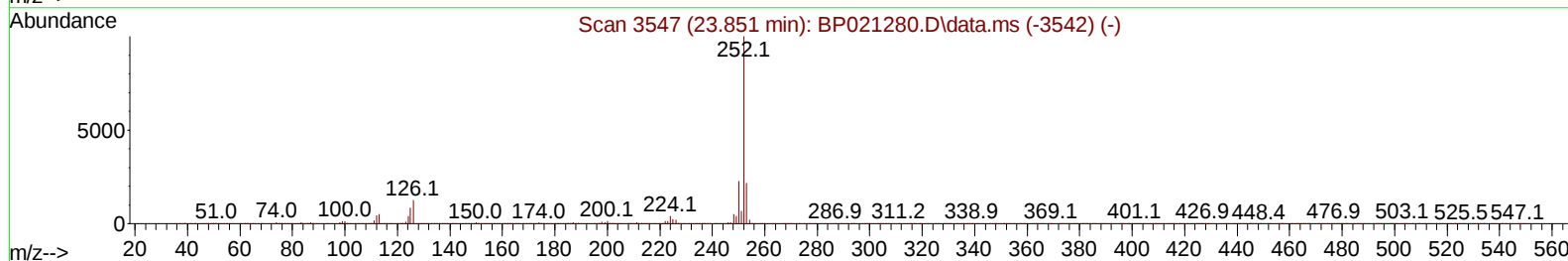
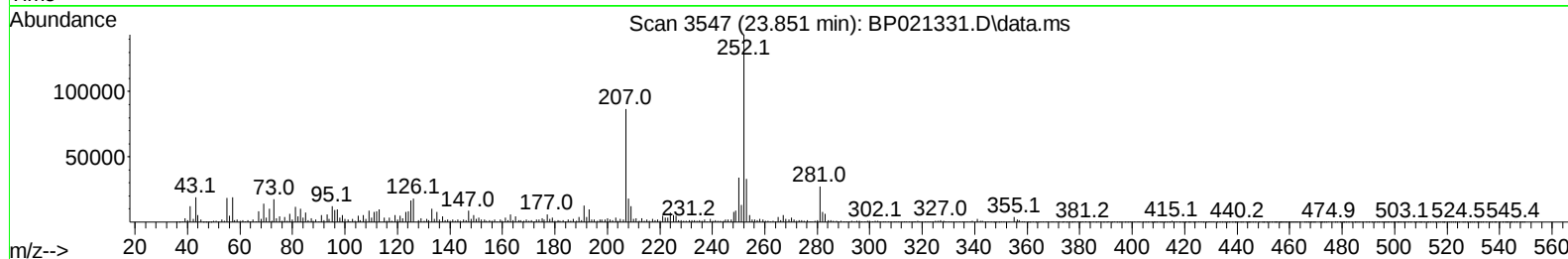
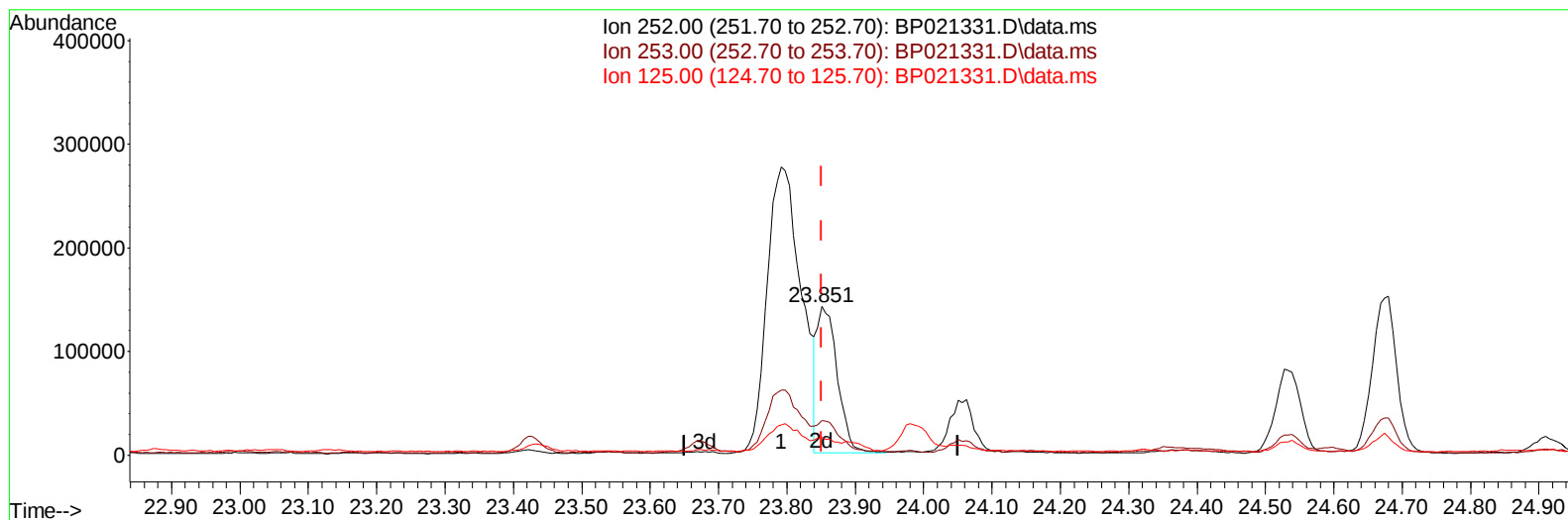
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021331.D
Acq On : 02 Aug 2024 22:26
Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLO

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:00:24 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 :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021331.D\data.ms

(91) Benzo(k)fluoranthene

23.851min (+ 0.000) 4.84 ng/u1 m

response 287537

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.10
125.00	9.20	11.61#
0.00	0.00	0.00

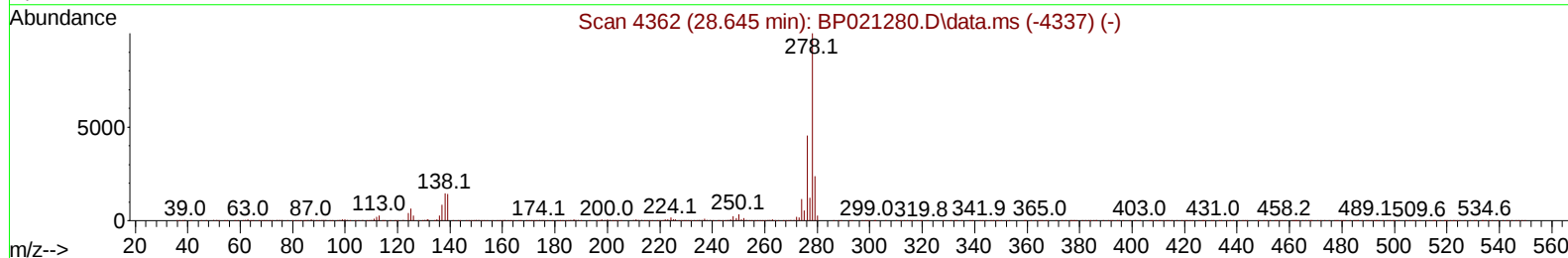
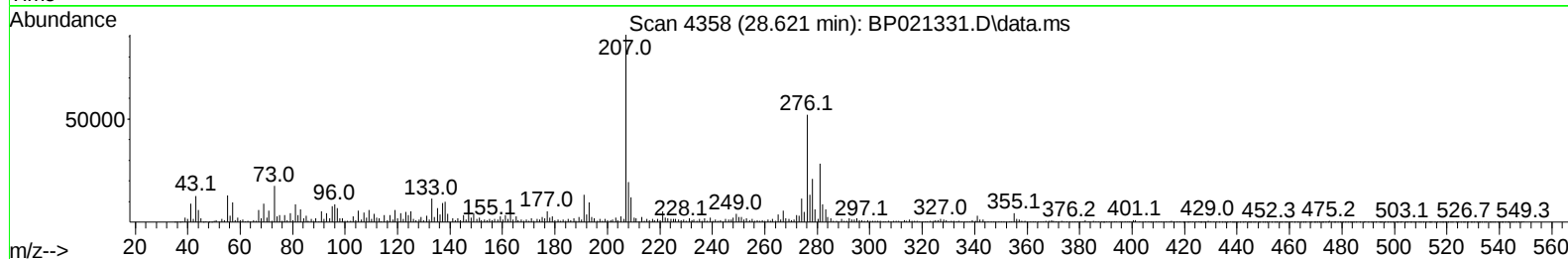
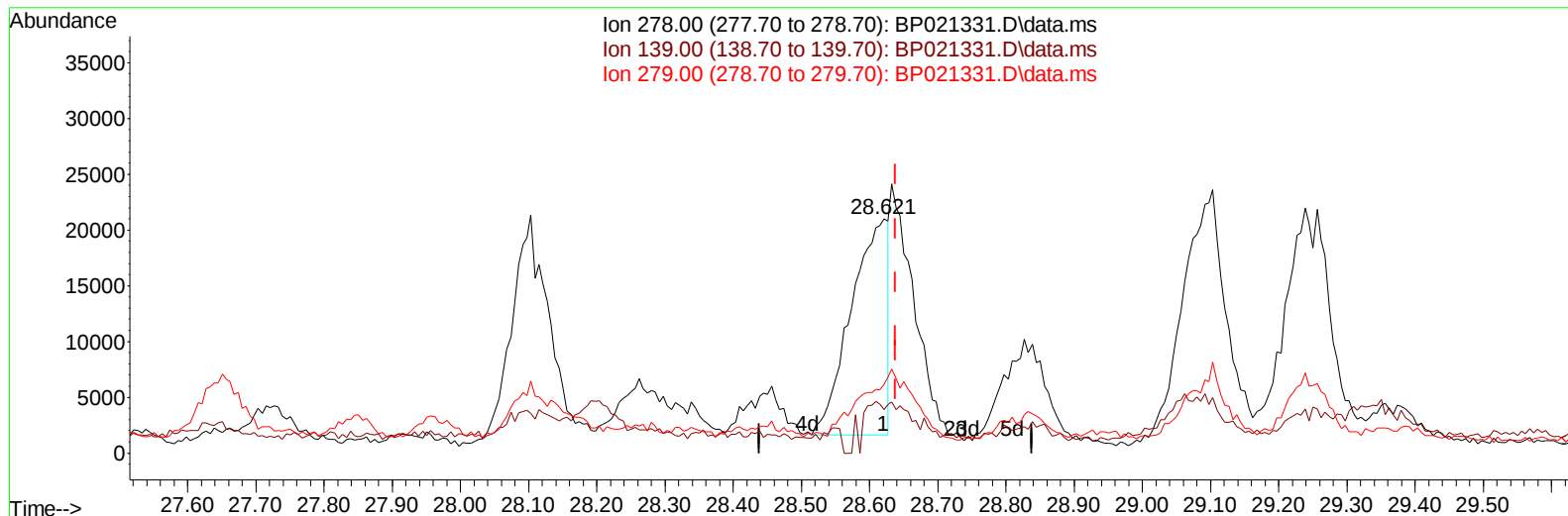
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
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Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP021331.D\data.ms

(95) Dibenzo(a,h)anthracene

28.621min (-0.017) 1.22 ng/u1

response 73045

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	18.62#
279.00	24.20	29.42#
0.00	0.00	0.00

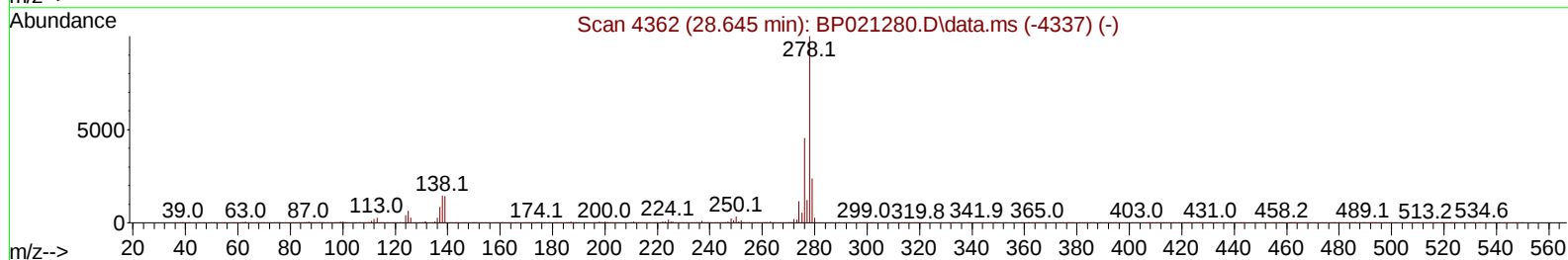
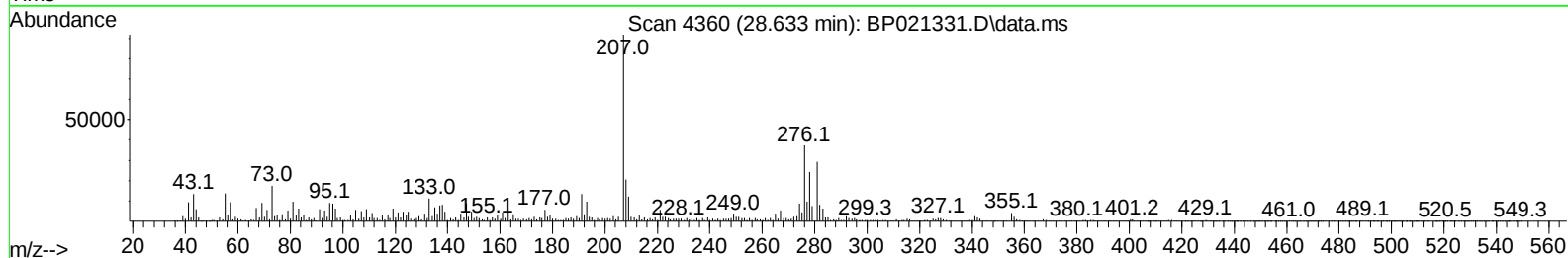
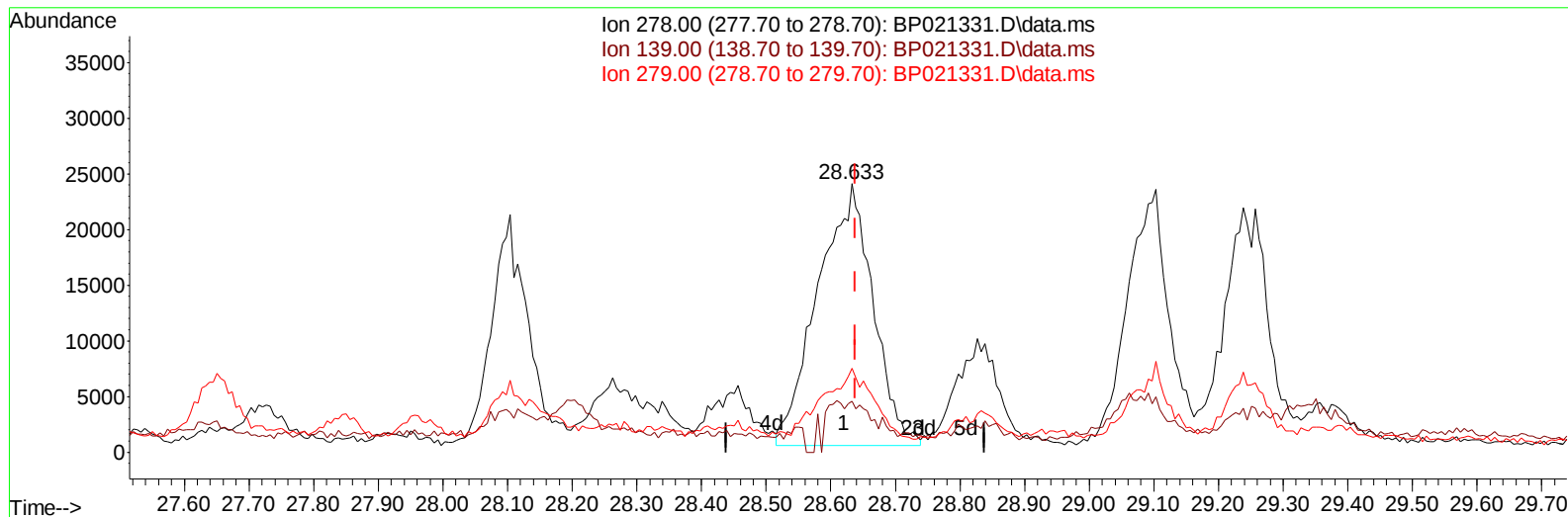
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021331.D
Acq On : 02 Aug 2024 22:26
Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:00:24 2024
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Supervised By :mohammad ahmed 08/05/2024



TIC: BP021331.D\data.ms

(95) Dibenzo(a,h)anthracene

28.633min (-0.006) 2.33 ng/u1 m

response 139529

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	18.97#
279.00	24.20	31.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021331.D
 Acq On : 02 Aug 2024 22:26
 Operator : CG/JU
 Sample : P3263-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CLO

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:28:20 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.628	152		139234	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136		548944	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164		349410	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188		753211	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240		793797	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264		980203	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.158	96		14687	4.800	ng/uL	-0.02
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.852	99		300515	26.474	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67		181731	26.417	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132		257298	27.511	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113		239802	25.435	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128		117334	27.519	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143		137082	28.090	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165		234462m	26.570	ng/ul	0.01
31) 4-Chloroaniline-d4	10.581	131		83123m	7.110	ng/ul	0.02
46) Dimethylphthalate-d6	13.675	166		702016	27.638	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160		811903	28.467	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.622	143		94571m	26.169	ng/ul	0.04
60) Fluorene-d10	15.286	176		625607	30.022	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200		81947	17.981	ng/ul	0.00
73) Anthracene-d10	17.186	188		972404	29.067	ng/ul	0.00
81) Pyrene-d10	19.569	212		1138885	23.207	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.609	264		1000868	20.703	ng/ul	0.01
Target Compounds							
						Qvalue	
50) Acenaphthylene	13.981	152		45233	1.401	ng/ul	98
52) Acenaphthene	14.328	153		23410	1.092	ng/ul	95
61) Fluorene	15.345	166		28749	1.200	ng/ul	93
72) Phenanthrene	17.133	178		600191	15.361	ng/ul	100
74) Anthracene	17.222	178		131528	3.302	ng/ul	97
77) Carbazole	17.533	167		50833	1.561	ng/ul	97
80) Fluoranthene	19.216	202		1168873	19.722	ng/ul	99
82) Pyrene	19.598	202		930352	15.426	ng/ul	100
85) Benzo(a)anthracene	21.516	228		664928	11.958	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149		105737	2.924	ng/ul	99
87) Chrysene	21.574	228		663532	12.842	ng/ul	98
90) Benzo(b)fluoranthene	23.792	252		956870	16.086	ng/ul#	97
91) Benzo(k)fluoranthene	23.851	252		287537m	4.844	ng/ul	
93) Benzo(a)pyrene	24.680	252		376387	6.696	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.592	276		366028	5.053	ng/ul	97
95) Dibenzo(a,h)anthracene	28.633	278		139529m	2.326	ng/ul	

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

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 Data File : BP021331.D
 Acq On : 02 Aug 2024 22:26
 Operator : CG/JU
 Sample : P3263-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CL0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 23:28:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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 QLast Update : Mon Jul 29 12:46:18 2024
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