

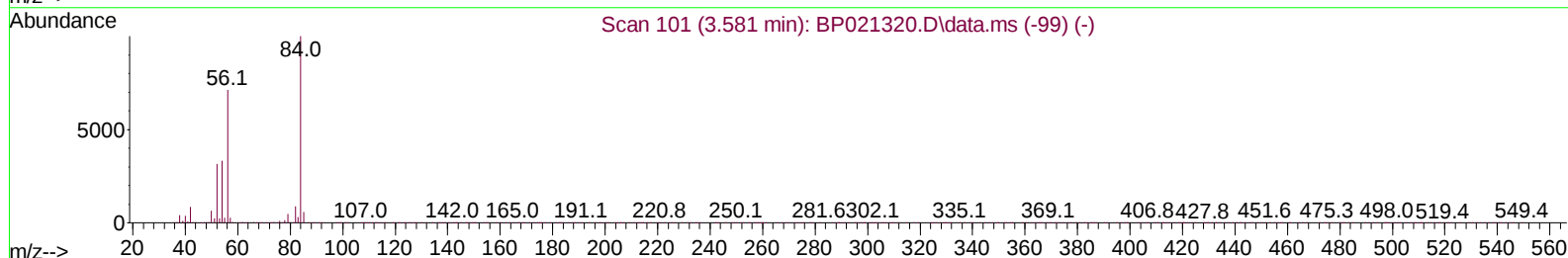
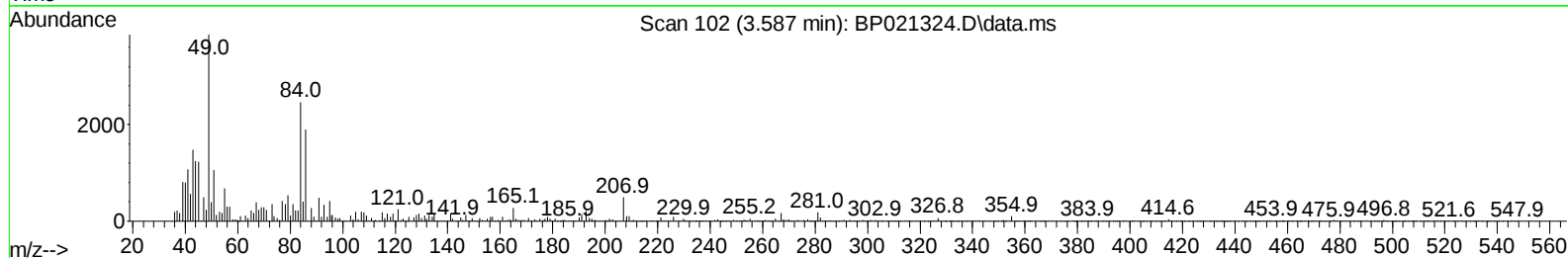
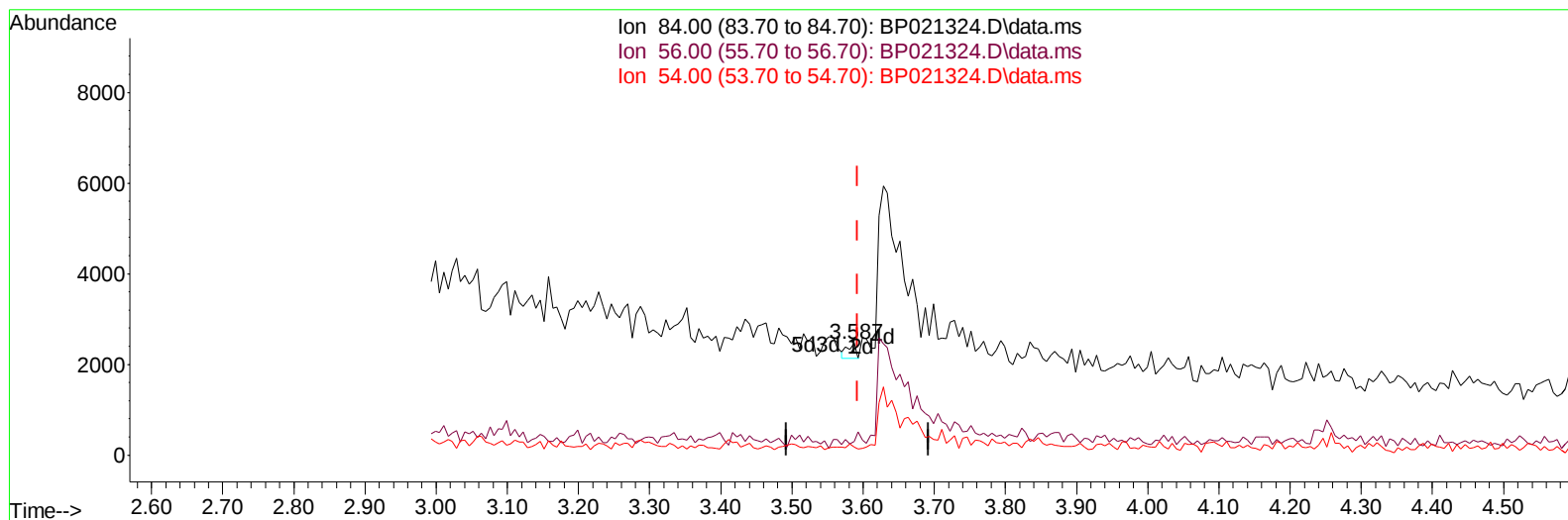
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 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: BP021324.D\data.ms

(4) Pyridine-d5 (S)

3.587min (-0.006) 0.03 ng/u1

response	281	
Ion	Exp%	Act%
84.00	100.00	100.00
56.00	70.20	12.41#
54.00	34.30	6.90#
0.00	0.00	0.00

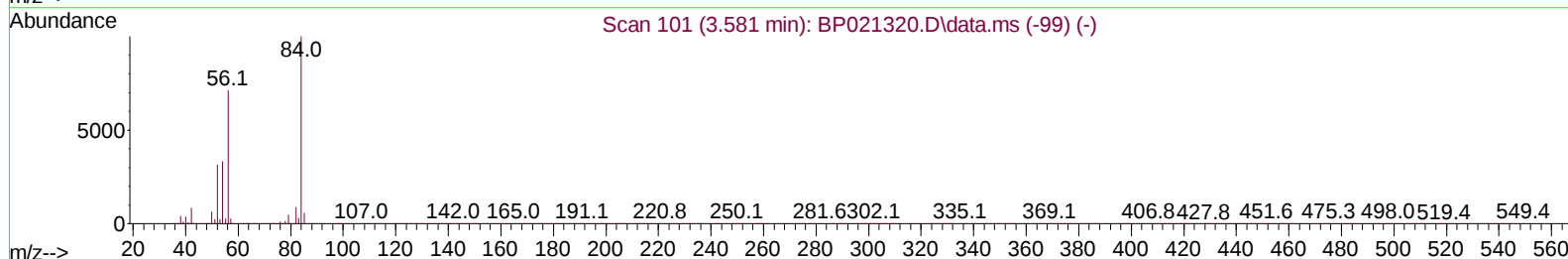
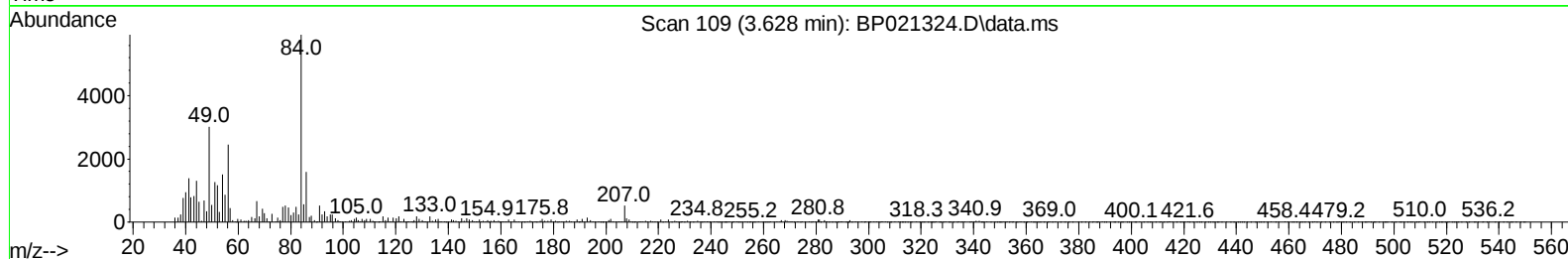
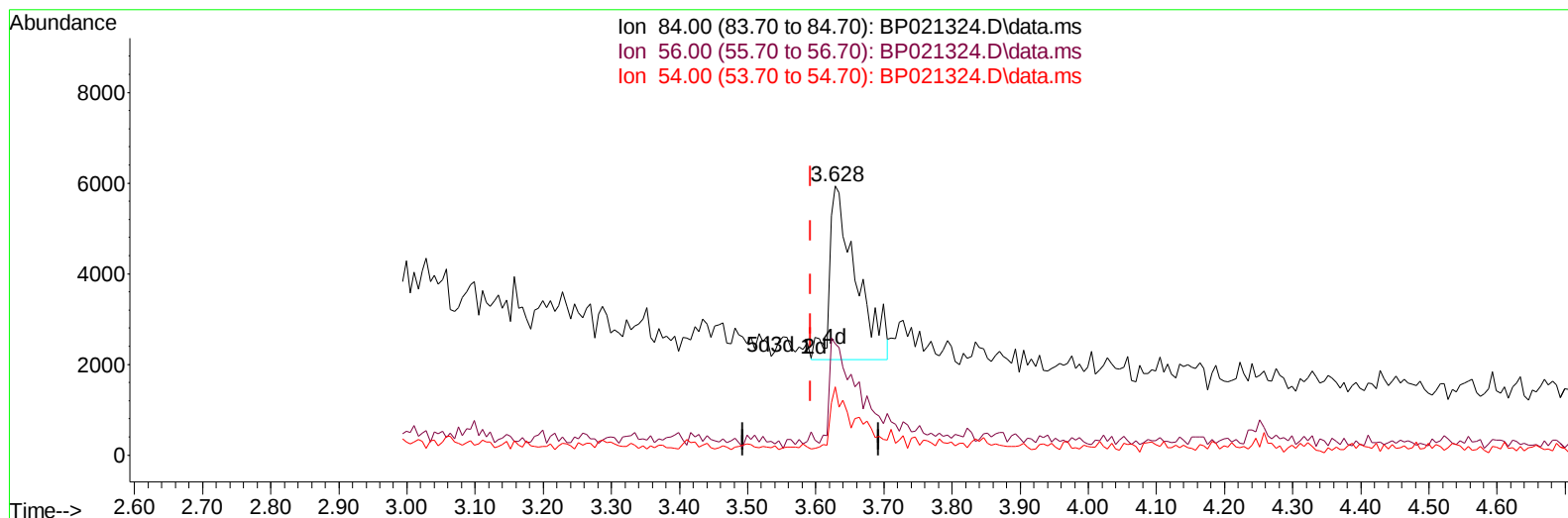
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021324.D
 Acq On : 02 Aug 2024 17:04
 Operator : CG/JU
 Sample : P3265-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 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: BP021324.D\data.ms

(4) Pyridine-d5 (S)

3.628min (+ 0.036) 0.96 ng/u1 m

response 10487

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	70.20	41.41#
54.00	34.30	25.45#
0.00	0.00	0.00

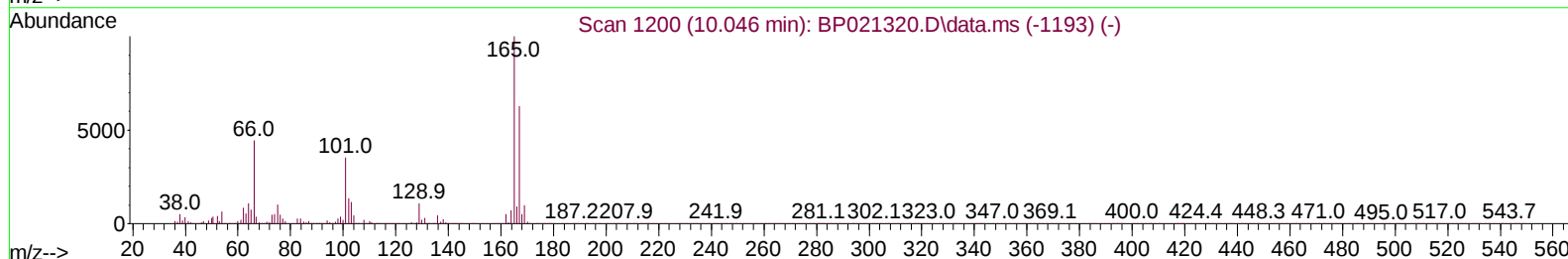
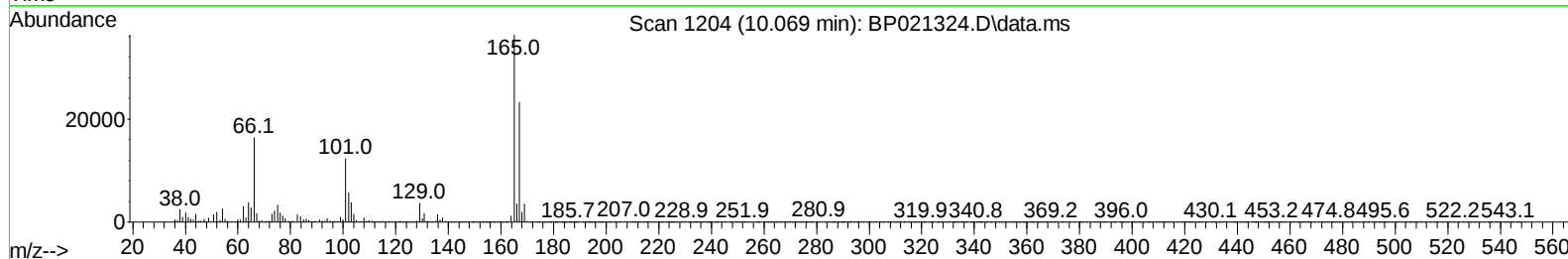
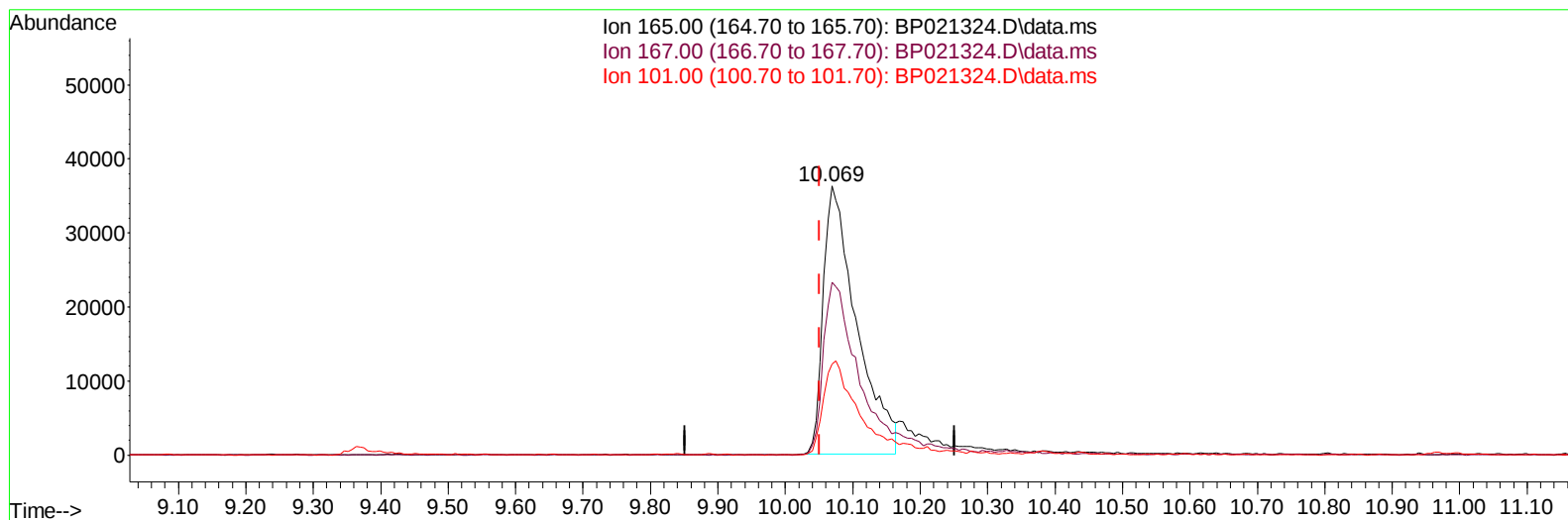
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021324.D
 Acq On : 02 Aug 2024 17:04
 Operator : CG/JU
 Sample : P3265-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 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: BP021324.D\data.ms

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

10.069min (+ 0.018) 11.14 ng/ul

response 124665

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	64.15
101.00	35.50	33.83
0.00	0.00	0.00

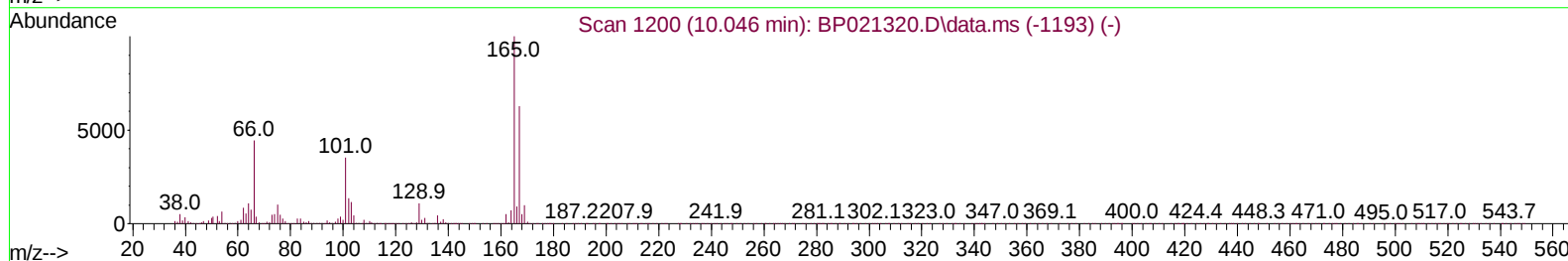
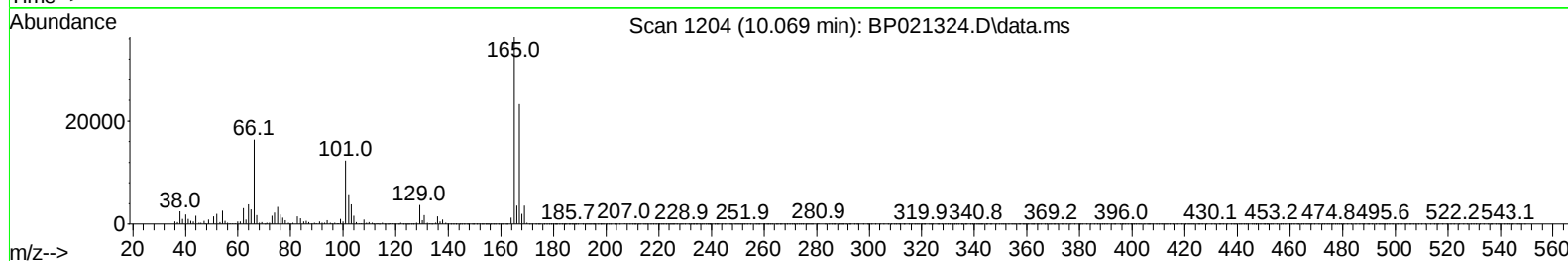
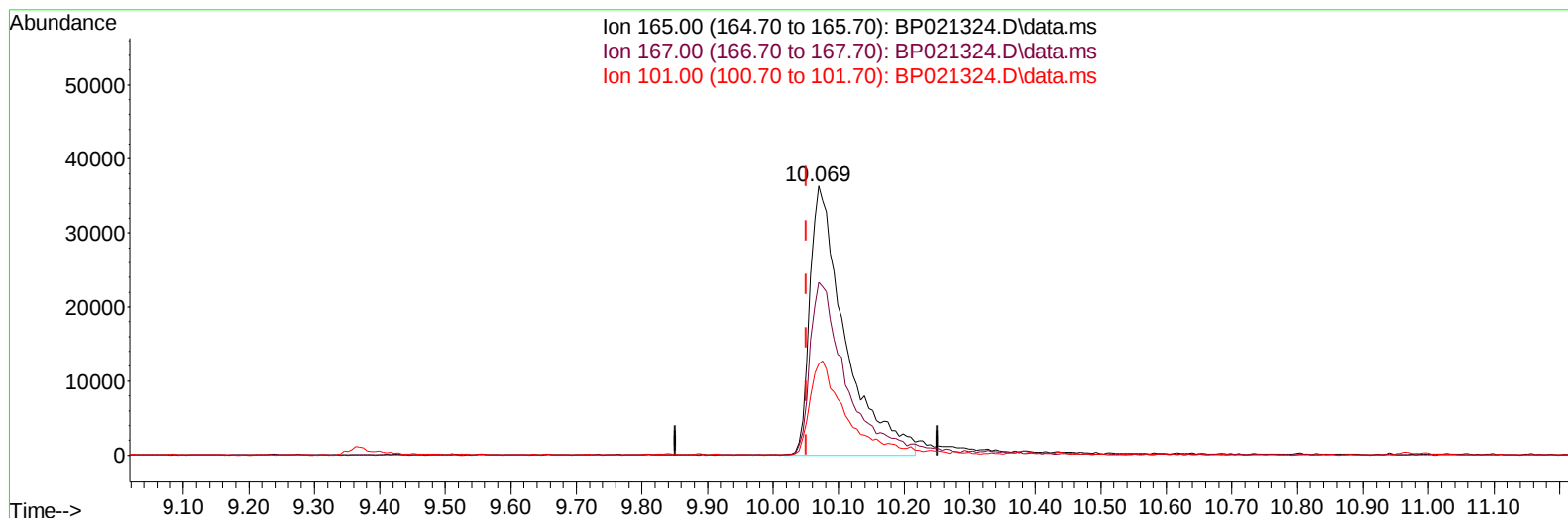
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021324.D
 Acq On : 02 Aug 2024 17:04
 Operator : CG/JU
 Sample : P3265-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 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: BP021324.D\data.ms

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

10.069min (+ 0.018) 12.10 ng/ul m

response 135450

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	64.15
101.00	35.50	33.83
0.00	0.00	0.00

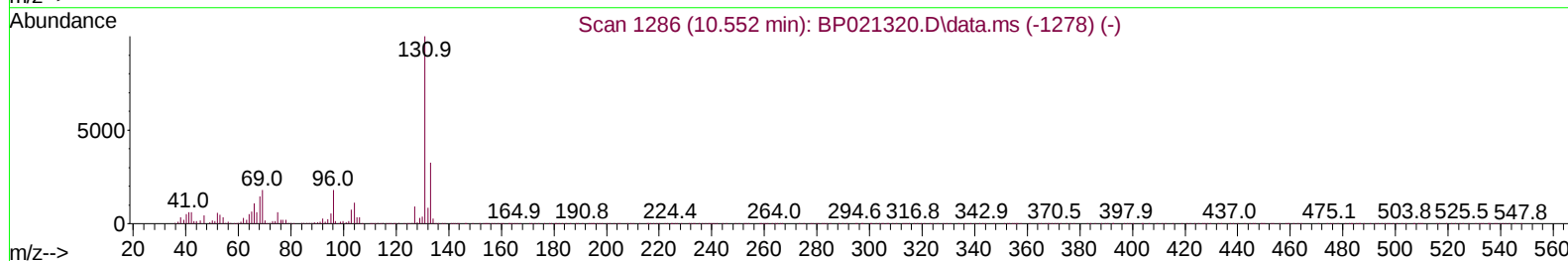
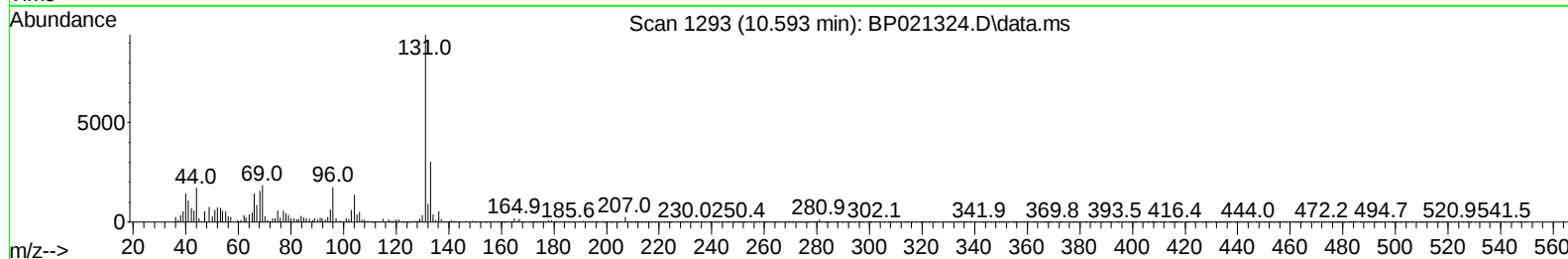
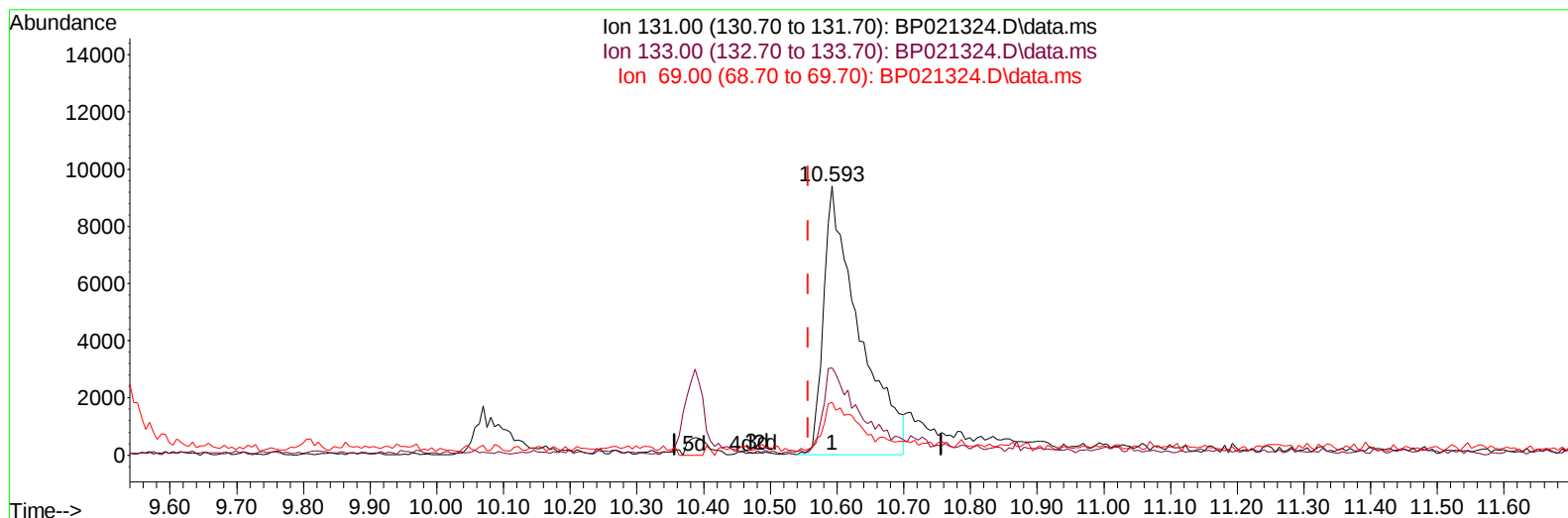
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021324.D
 Acq On : 02 Aug 2024 17:04
 Operator : CG/JU
 Sample : P3265-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 2024
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TIC: BP021324.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.593min (+ 0.036) 2.33 ng/ul

response 34575

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	32.32
69.00	17.40	19.64
0.00	0.00	0.00

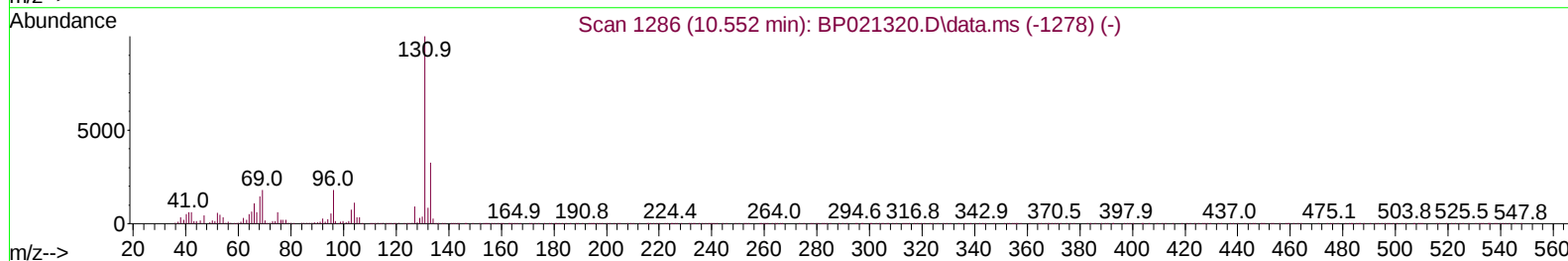
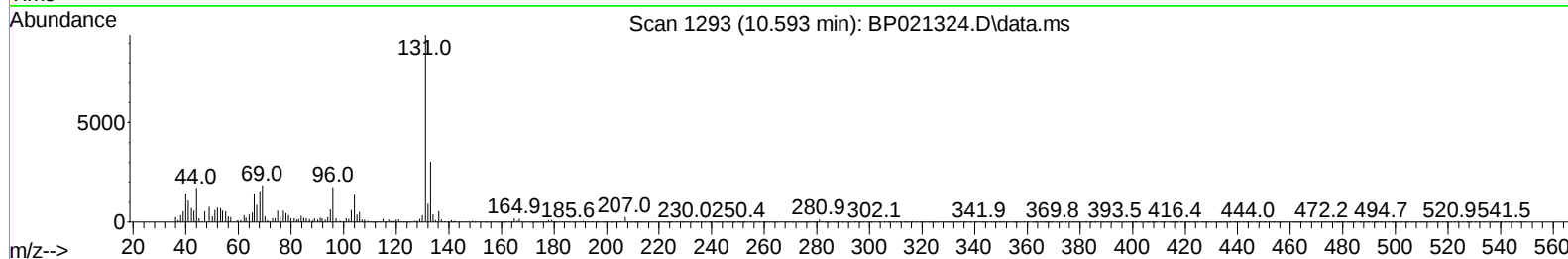
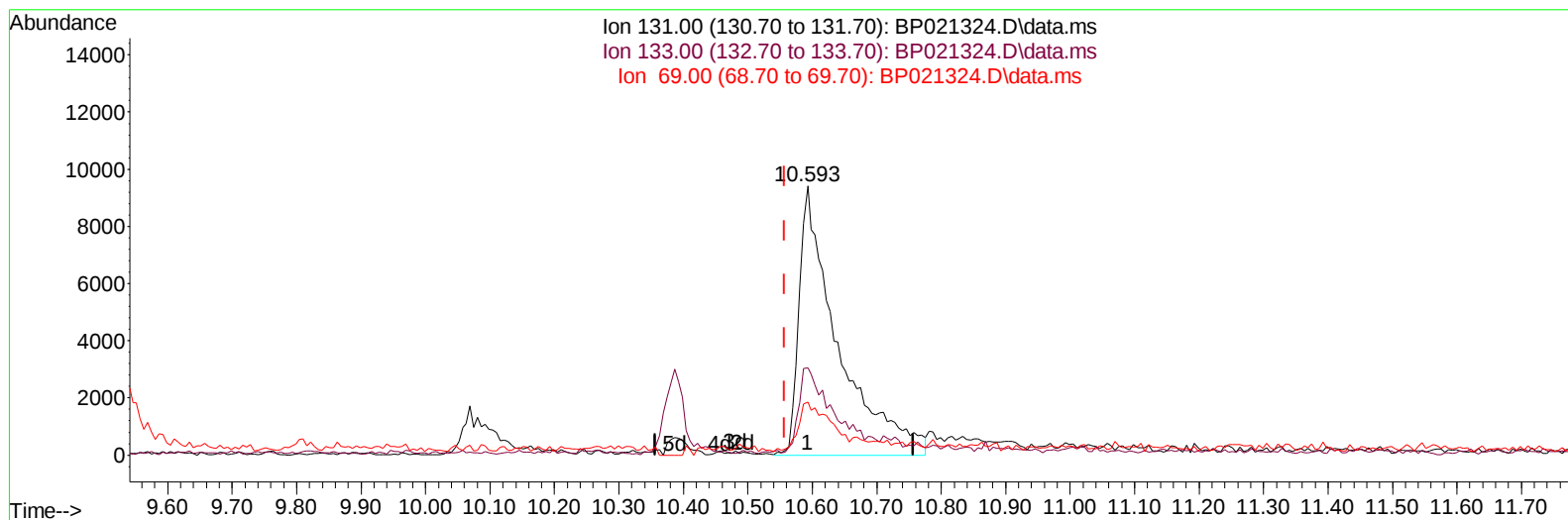
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 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: BP021324.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.593min (+ 0.036) 2.64 ng/ul m

response 39171

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	32.32
69.00	17.40	19.64
0.00	0.00	0.00

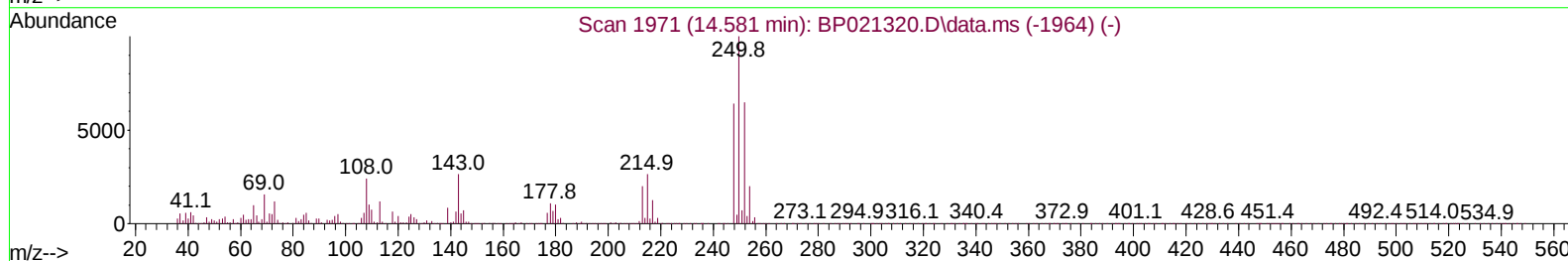
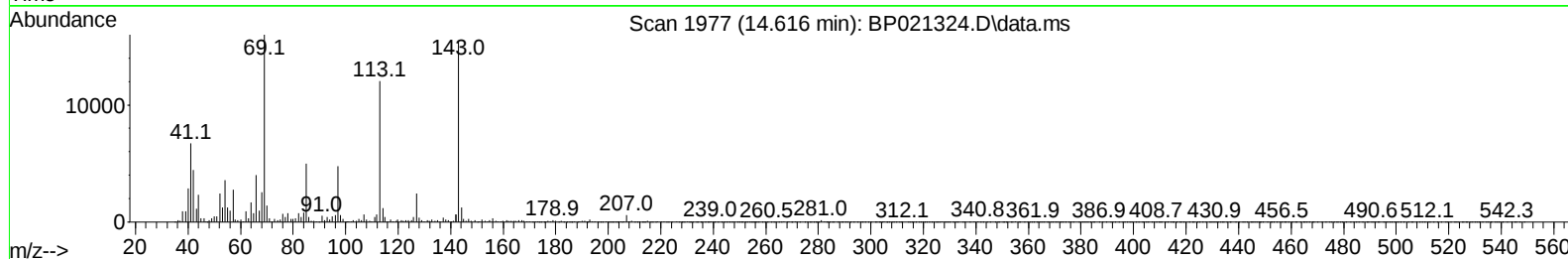
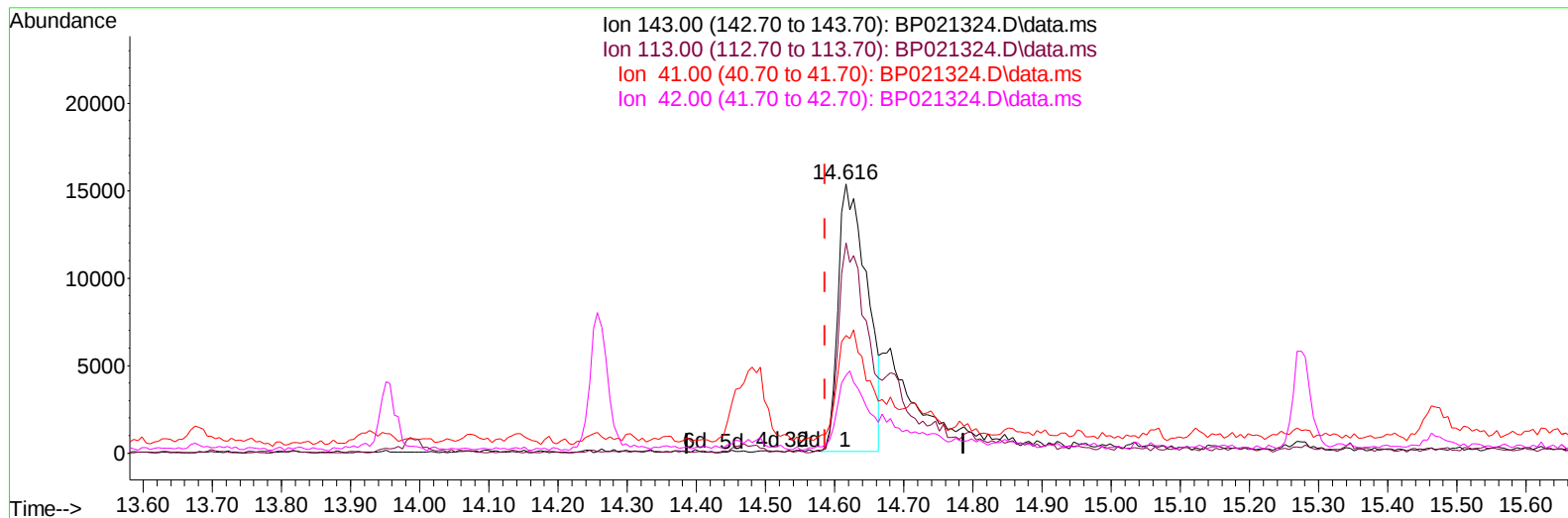
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 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: BP021324.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.616min (+ 0.030) 9.53 ng/u1

response 43964

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	78.19
41.00	37.90	43.73
42.00	27.10	28.86

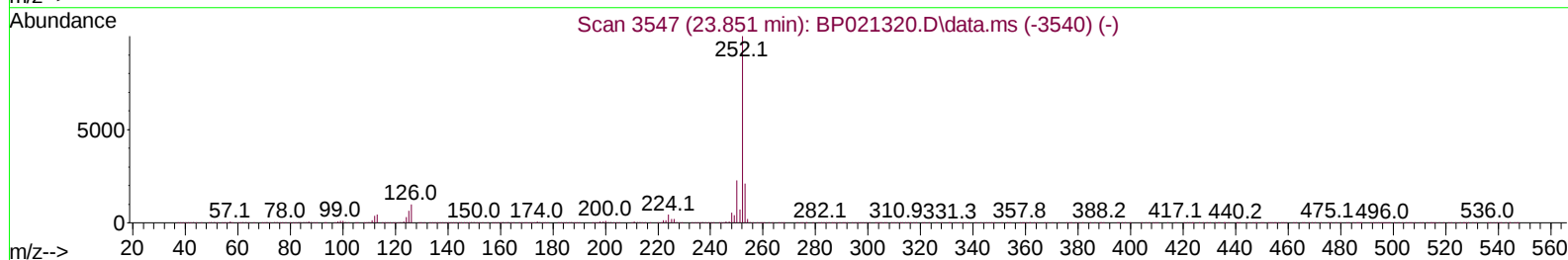
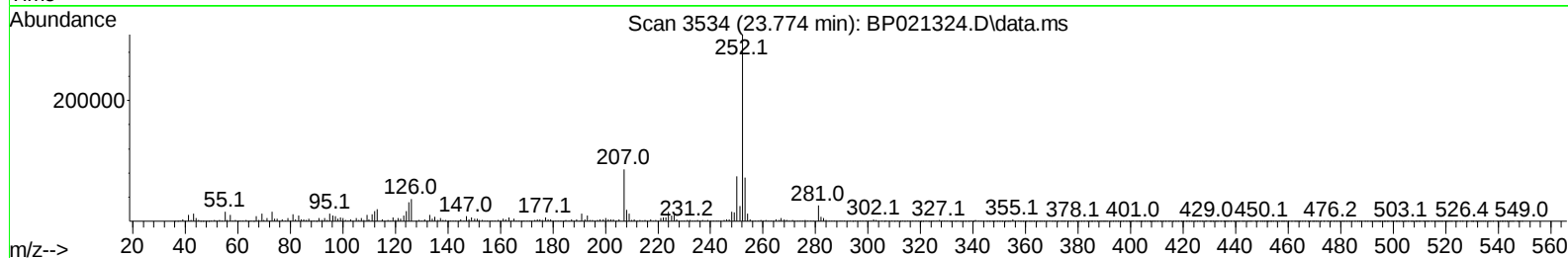
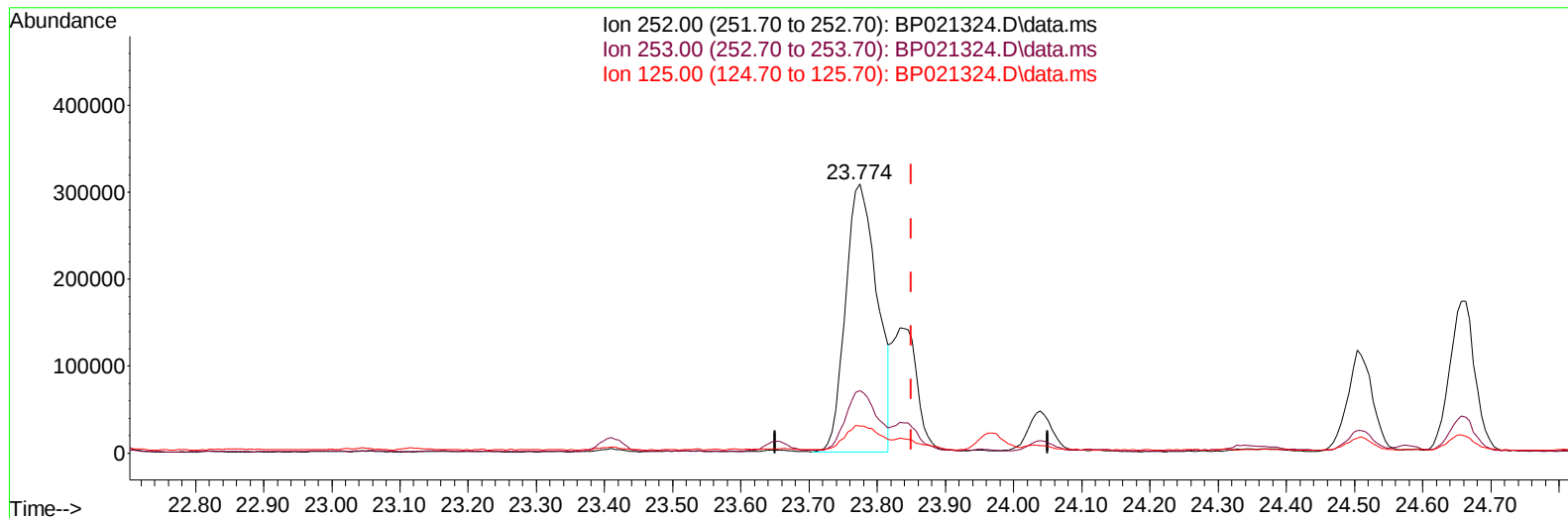
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D40

Manual IntegrationsAPPROVED

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

Quant Time: Aug 02 17:36:42 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



TIC: BP021324.D\data.ms

(91) Benzo(k)fluoranthene

23.774min (-0.076) 12.63 ng/u1

response 995065

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.33
125.00	9.20	10.10
0.00	0.00	0.00

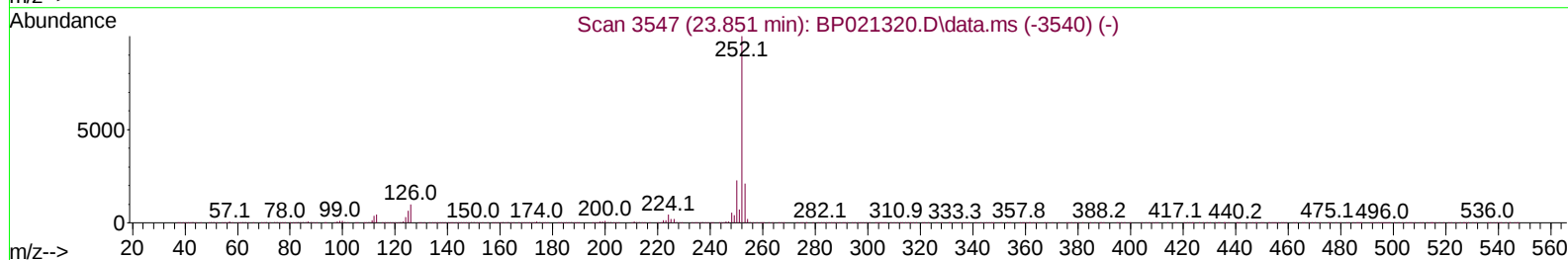
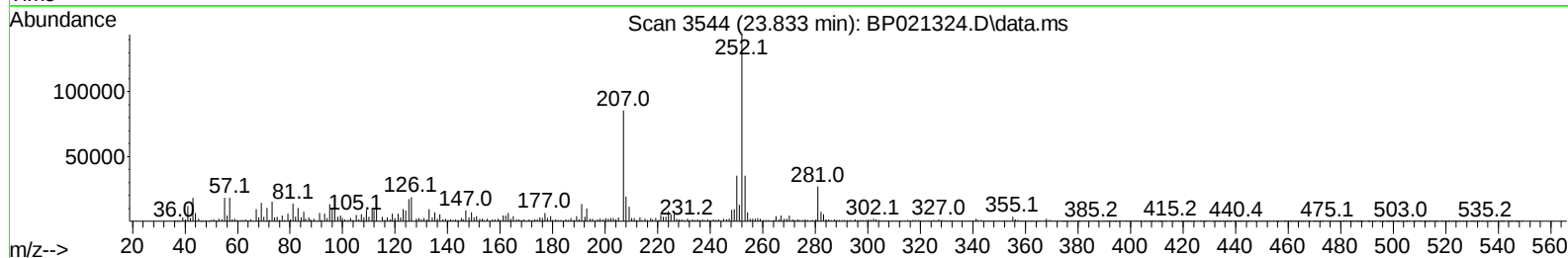
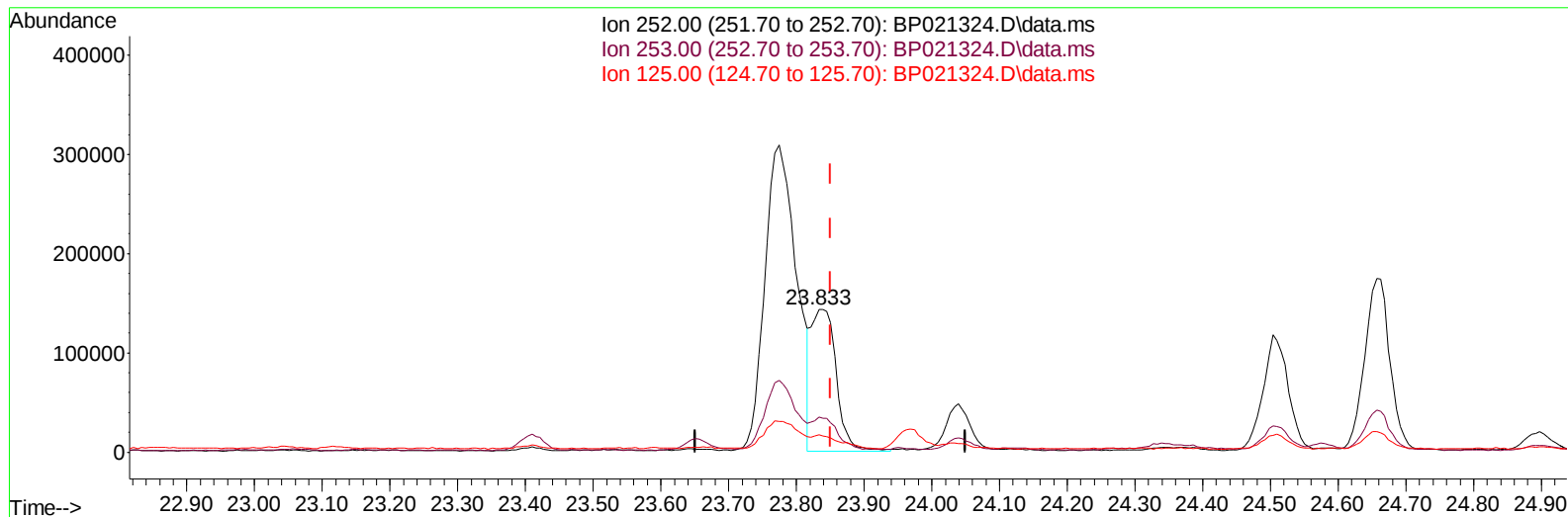
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021324.D
 Acq On : 02 Aug 2024 17:04
 Operator : CG/JU
 Sample : P3265-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D40

Manual IntegrationsAPPROVED

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 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: BP021324.D\data.ms

(91) Benzo(k)fluoranthene

23.833min (-0.017) 4.70 ng/ul m

response 370138

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.41
125.00	9.20	12.03#
0.00	0.00	0.00

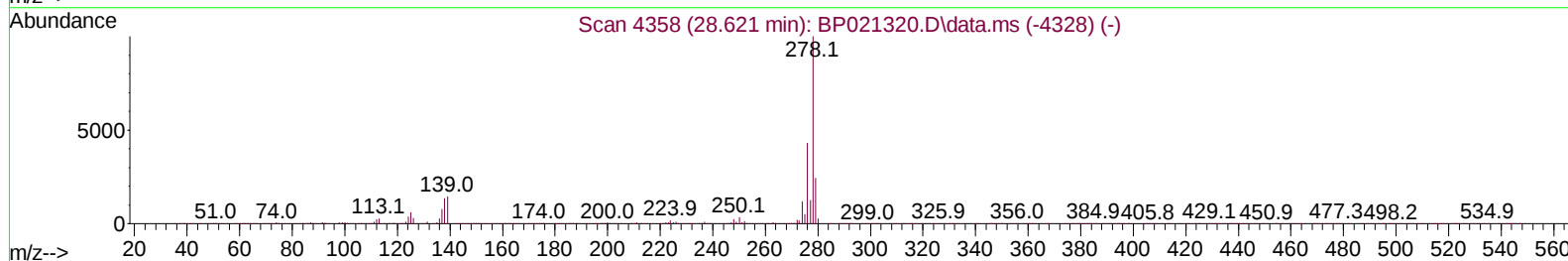
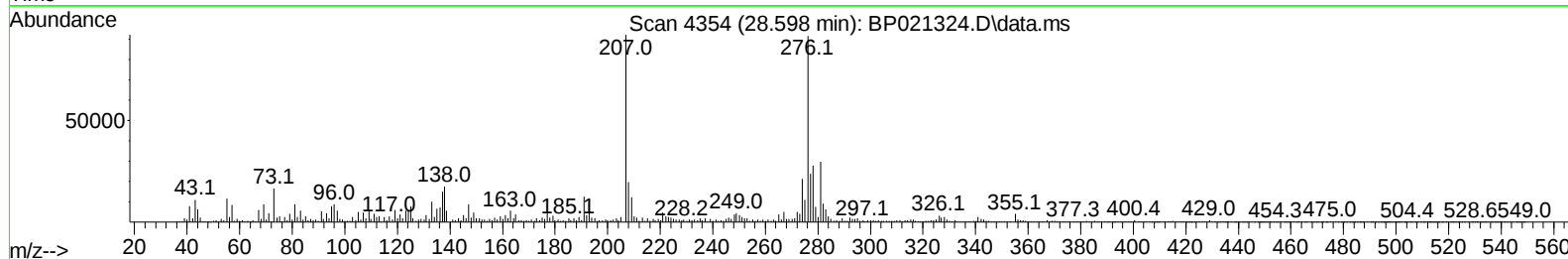
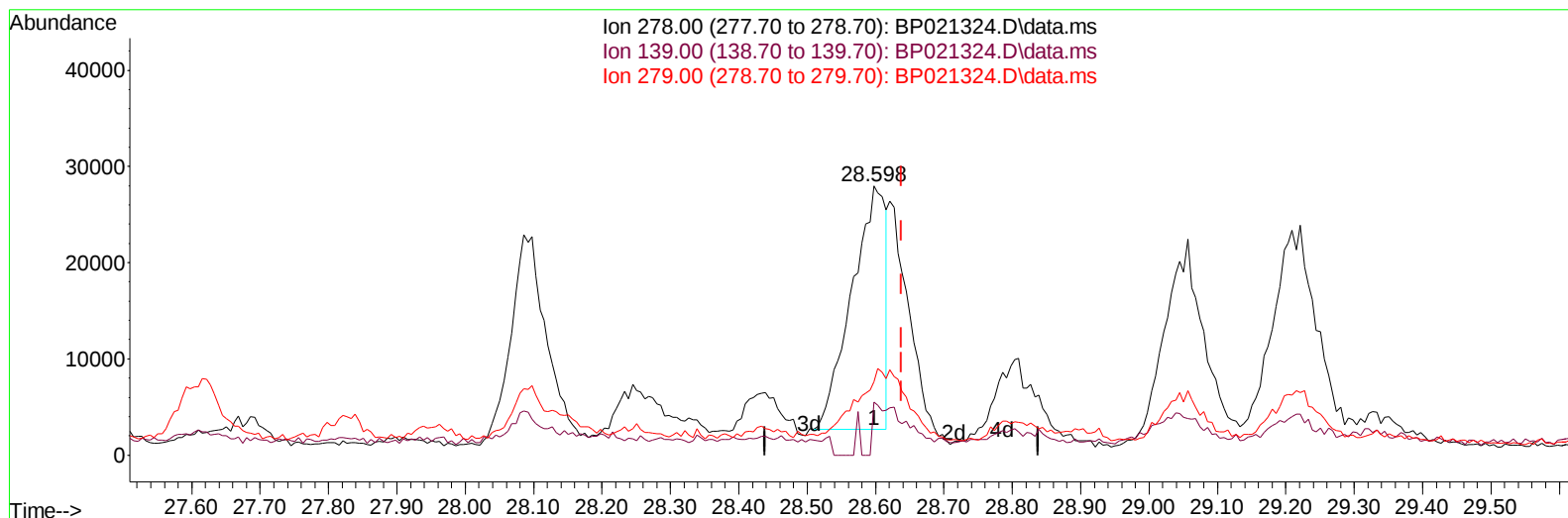
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 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: BP021324.D\data.ms

(95) Dibenzo(a,h)anthracene

28.598min (-0.041) 1.09 ng/u1

response 86693

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	19.74#
279.00	24.20	27.33
0.00	0.00	0.00

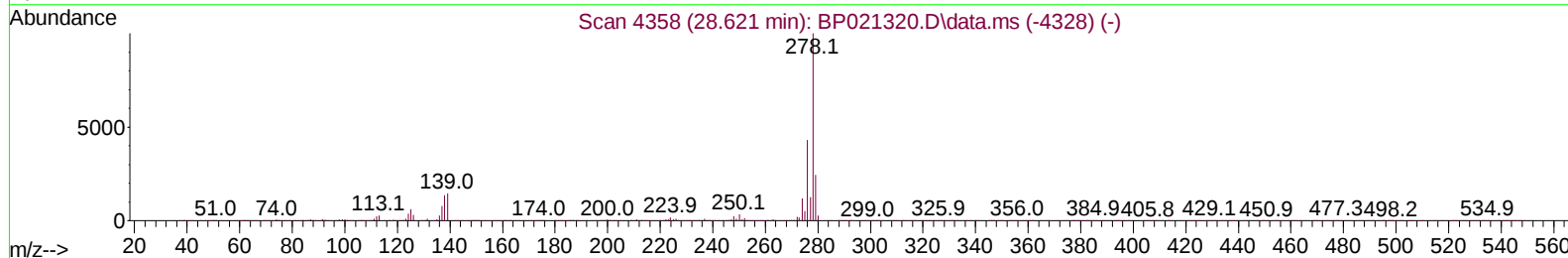
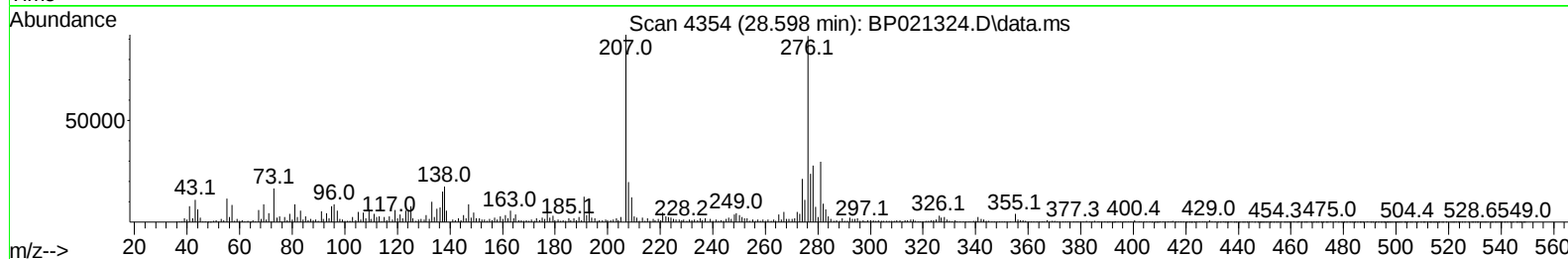
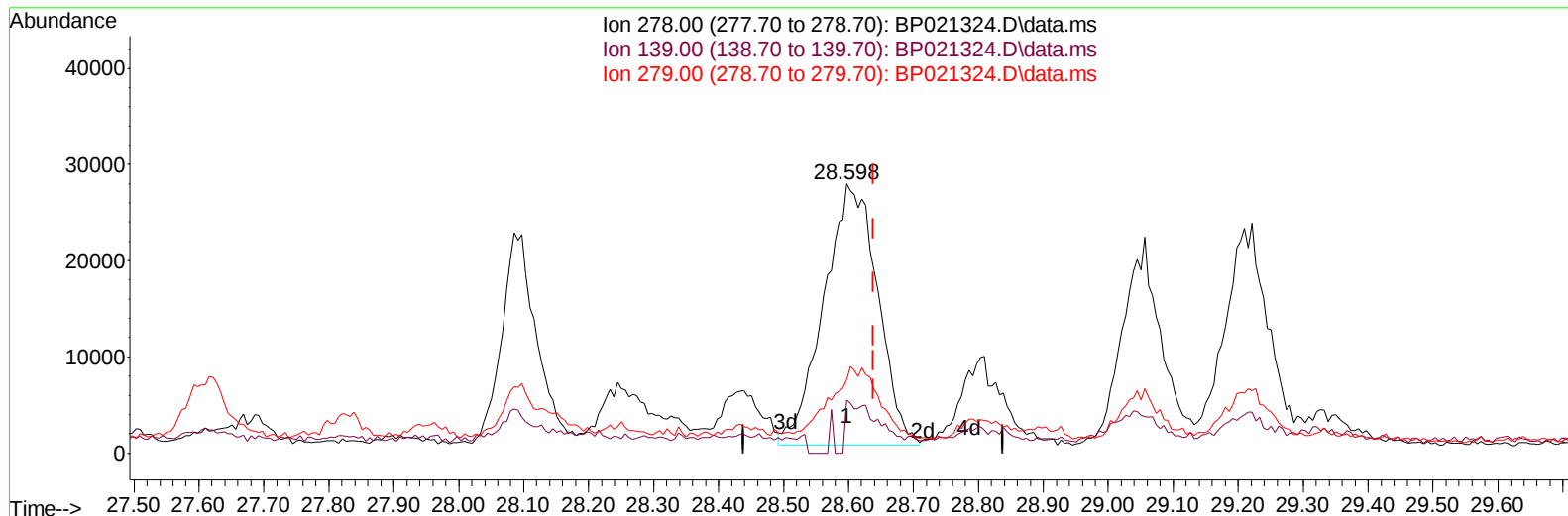
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 2024
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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: BP021324.D\data.ms

(95) Dibenzo(a,h)anthracene

28.598min (-0.041) 1.96 ng/u1 m

response 155850

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	19.74#
279.00	24.20	27.33
0.00	0.00	0.00

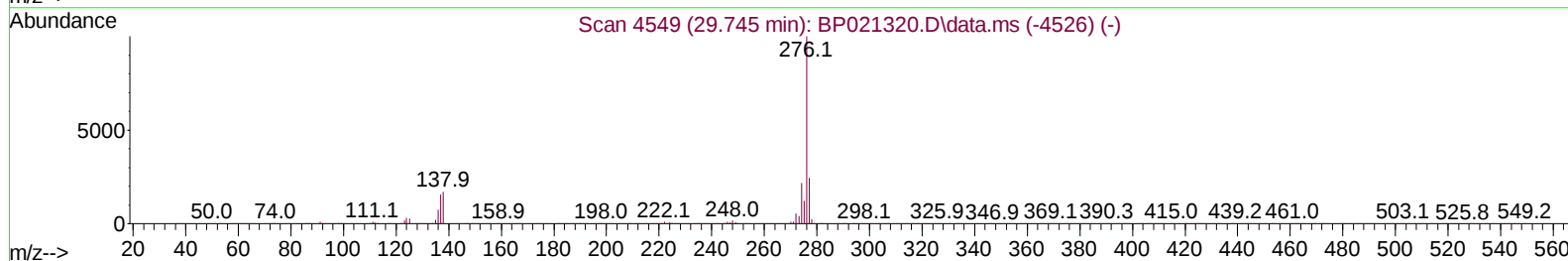
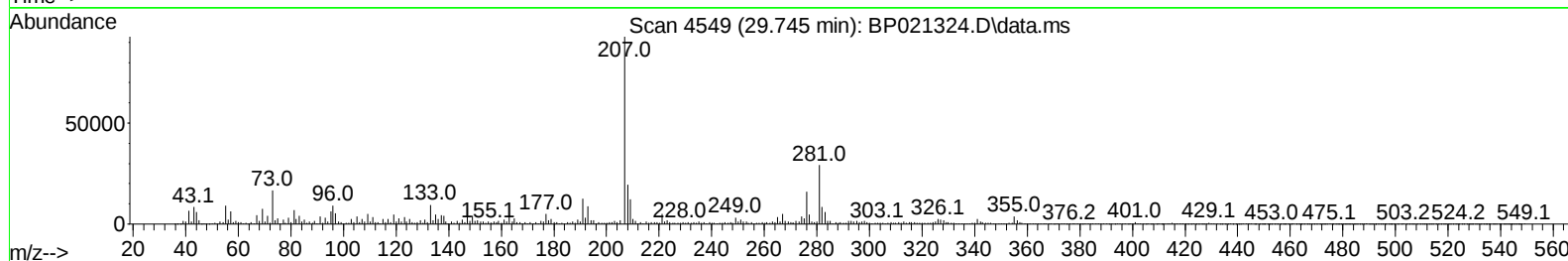
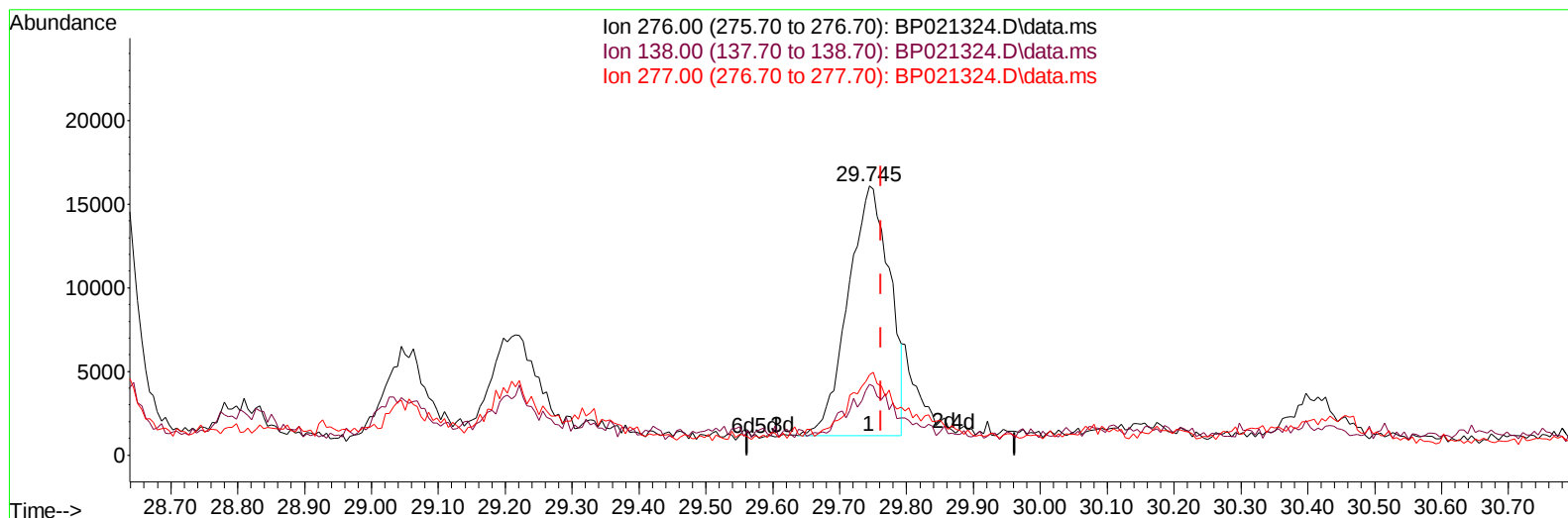
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 2024
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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: BP021324.D\data.ms

(96) Benzo(g,h,i)perylene

29.745min (-0.017) 0.82 ng/u1

response 64320

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	26.34#
277.00	22.70	29.86#
0.00	0.00	0.00

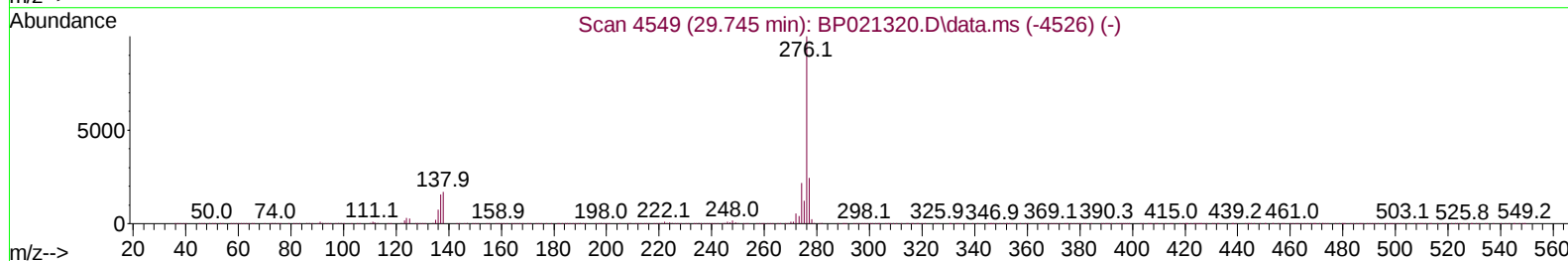
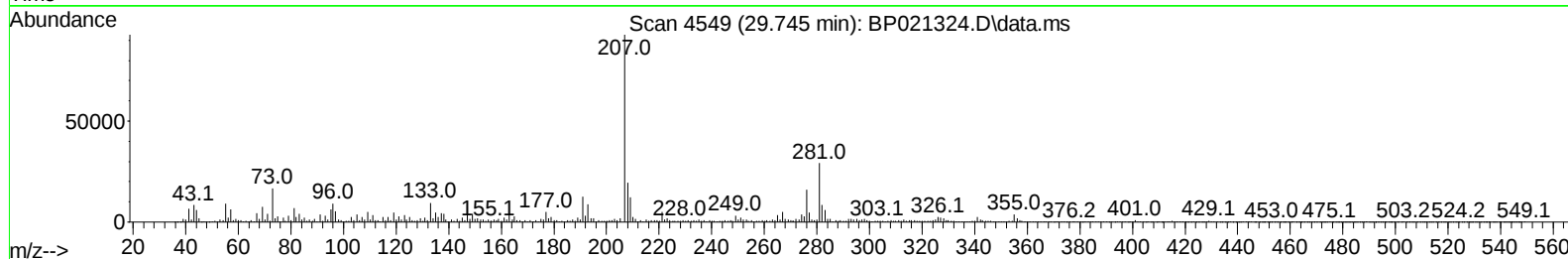
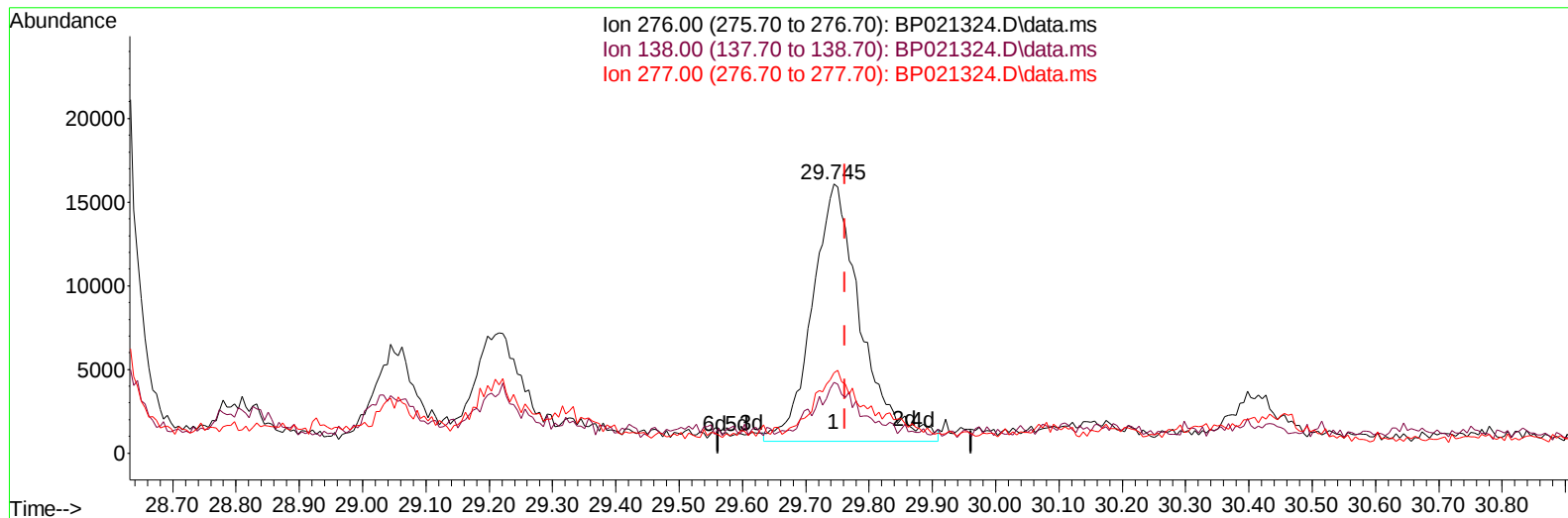
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:36:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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Response via : Initial Calibration

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



TIC: BP021324.D\data.ms

(96) Benzo(g,h,i)perylene

29.745min (-0.017) 1.04 ng/ul m

response 81539

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	26.34#
277.00	22.70	29.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021324.D
 Acq On : 02 Aug 2024 17:04
 Operator : CG/JU
 Sample : P3265-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D40

Manual IntegrationsAPPROVED

Quant Time: Aug 02 17:40:14 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	172099	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	696159	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	446042	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.081	188	1006295	20.000	ng/ul	-0.01
79) Chrysene-d12	21.527	240	1043163	20.000	ng/ul	0.00
88) Perylene-d12	24.815	264	1301219	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	8091	2.139	ng/uL	-0.01
4) Pyridine-d5	3.628	84	10487m	0.958	ng/ul	0.04
7) Phenol-d5	6.858	99	177352	12.640	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	104755	12.320	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	149560	12.938	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	143015	12.273	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	65438	12.102	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	78847	12.740	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	135450m	12.104	ng/ul	0.02
31) 4-Chloroaniline-d4	10.593	131	39171m	2.642	ng/ul	0.04
46) Dimethylphthalate-d6	13.675	166	432438	13.337	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	491537	13.501	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.616	143	64507m	13.983	ng/ul	0.03
60) Fluorene-d10	15.275	176	398733	14.989	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	49259	8.090	ng/ul	0.00
73) Anthracene-d10	17.186	188	654516	14.644	ng/ul	0.00
81) Pyrene-d10	19.575	212	808725	12.540	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	763783	11.901	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.122	178	451764	8.654	ng/ul	100
74) Anthracene	17.222	178	88433	1.662	ng/ul	99
77) Carbazole	17.533	167	56420	1.297	ng/ul#	96
80) Fluoranthene	19.227	202	1182939	15.188	ng/ul	99
82) Pyrene	19.604	202	970639	12.247	ng/ul	99
85) Benzo(a)anthracene	21.510	228	549725	7.523	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	338389	7.121	ng/ul	100
87) Chrysene	21.580	228	691029	10.177	ng/ul	98
90) Benzo(b)fluoranthene	23.774	252	995065	12.601	ng/ul	96
91) Benzo(k)fluoranthene	23.833	252	370138m	4.697	ng/ul	
93) Benzo(a)pyrene	24.657	252	447197	5.993	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.580	276	458352	4.767	ng/ul	99
95) Dibenzo(a,h)anthracene	28.598	278	155850m	1.957	ng/ul	
96) Benzo(g,h,i)perylene	29.745	276	81539m	1.041	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D40

Manual IntegrationsAPPROVED

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