

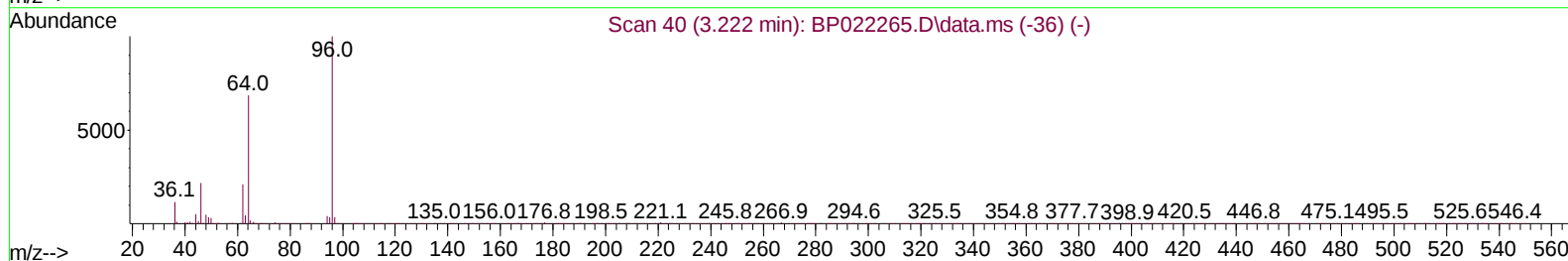
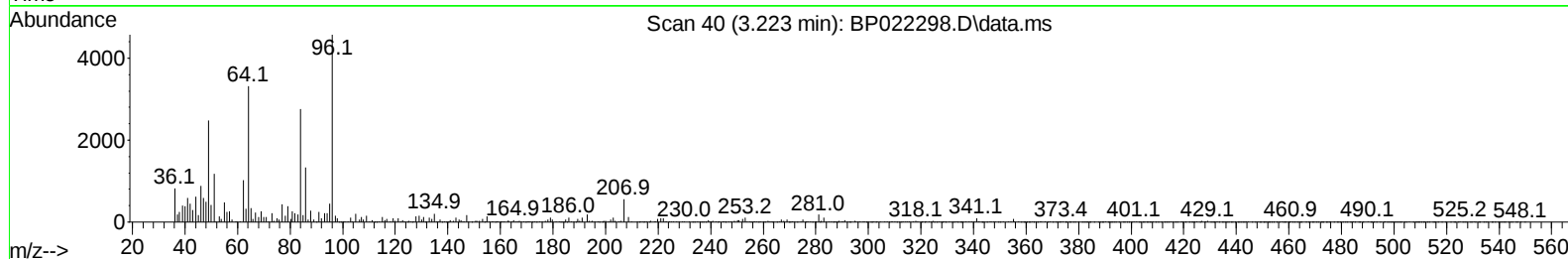
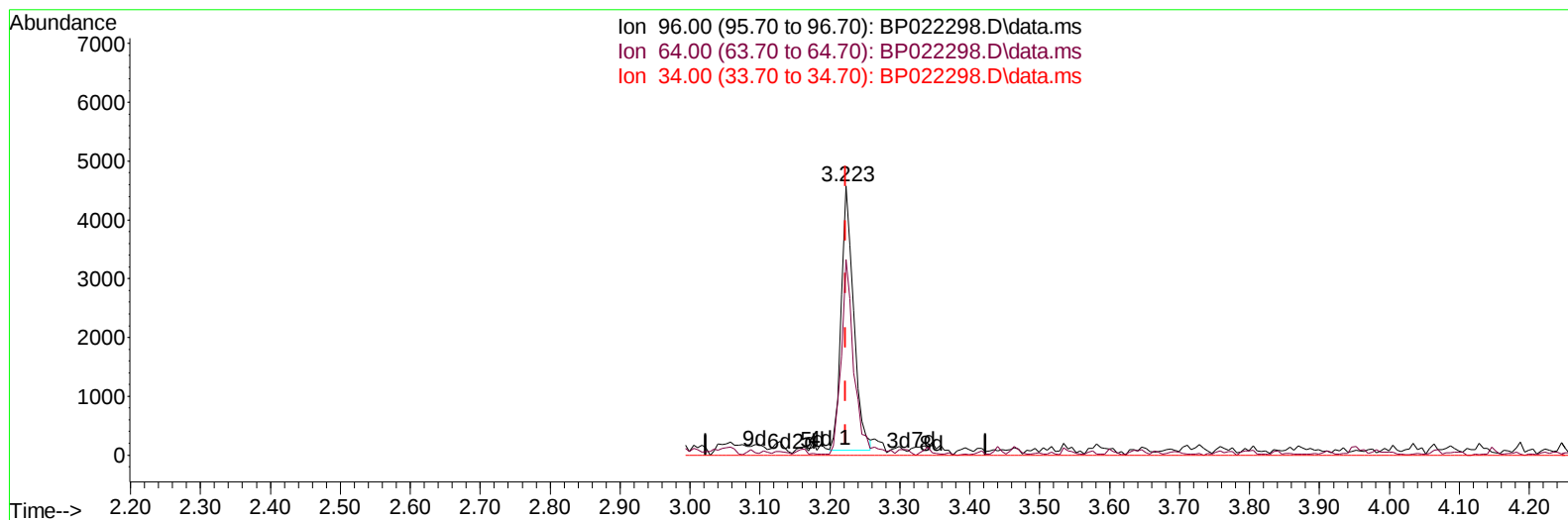
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022298.D
 Acq On : 09 Oct 2024 20:27
 Operator : RC/JU
 Sample : P4162-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EJ0

Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.223min (-0.000) 1.60 ng/uL

response 5653

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	72.68
34.00	0.00	0.00
0.00	0.00	0.00

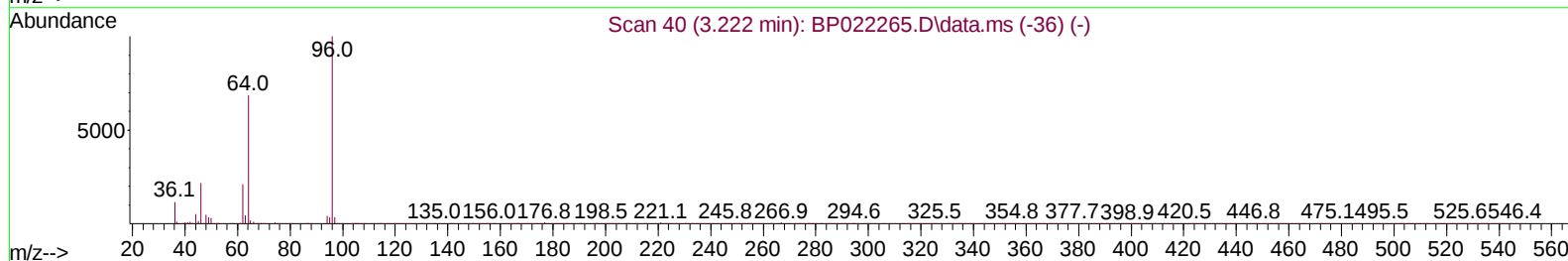
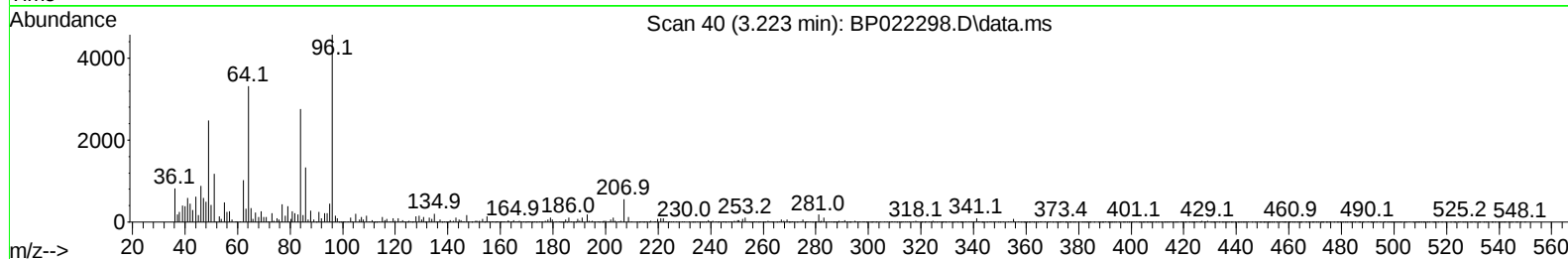
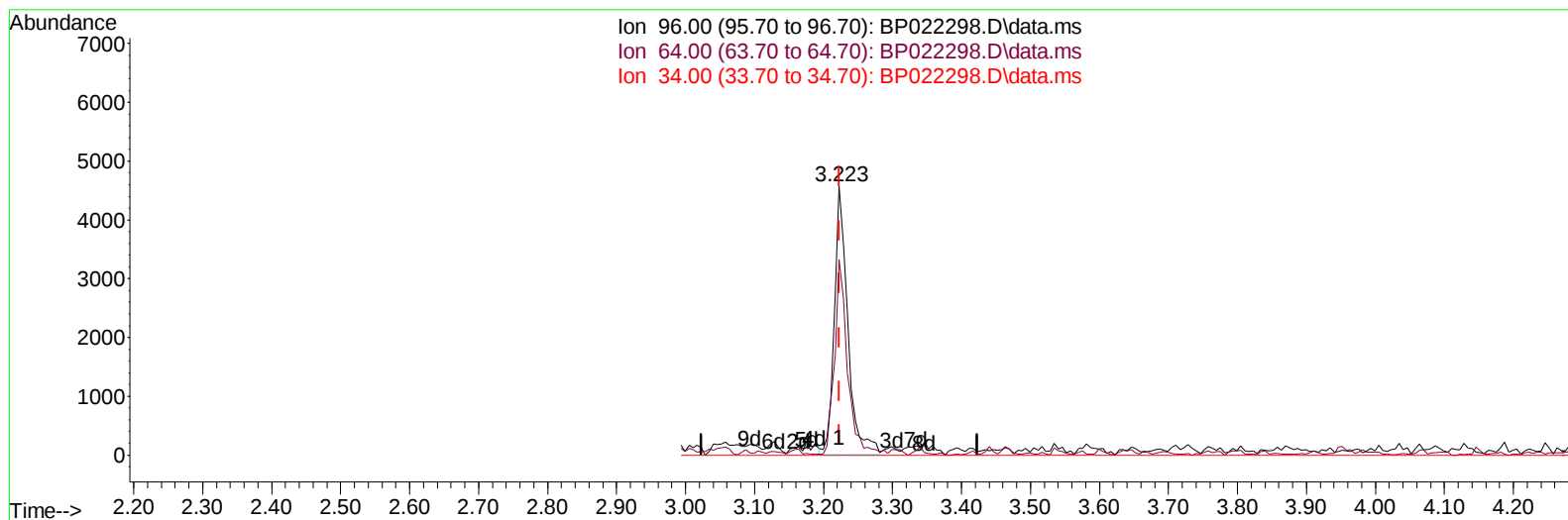
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022298.D
Acq On : 09 Oct 2024 20:27
Operator : RC/JU
Sample : P4162-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ0

Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:34 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.223min (-0.000) 1.75 ng/uL m

response 6196

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	72.68
34.00	0.00	0.00
0.00	0.00	0.00

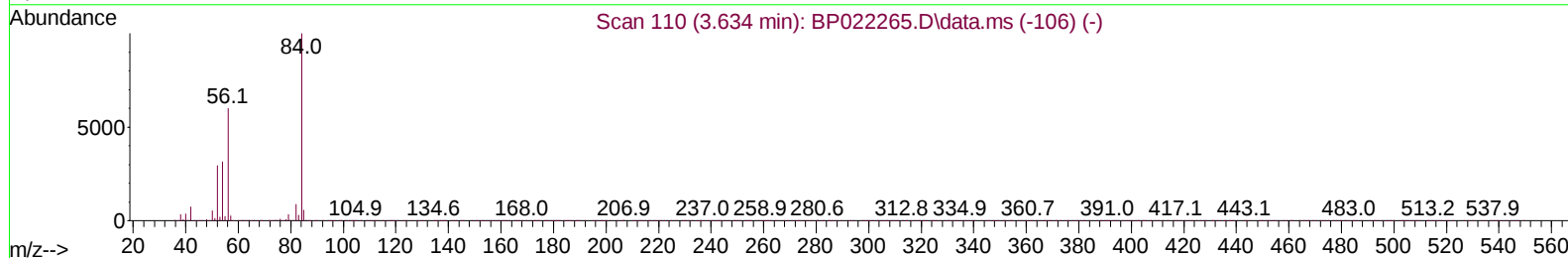
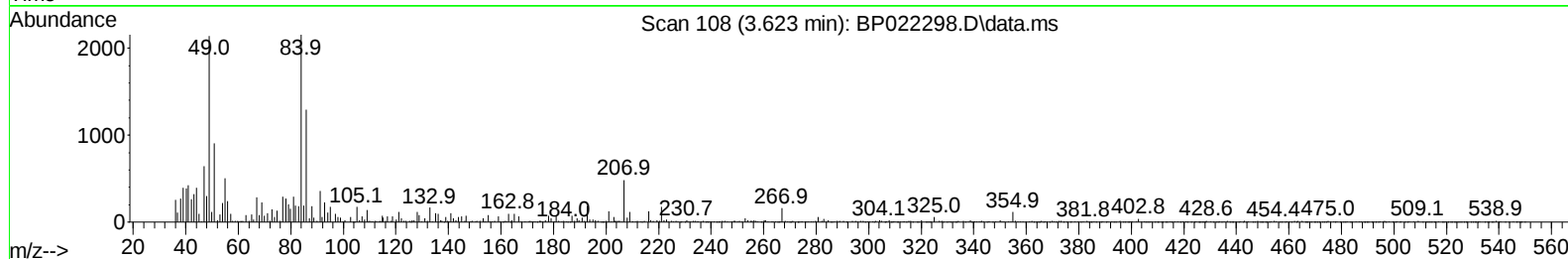
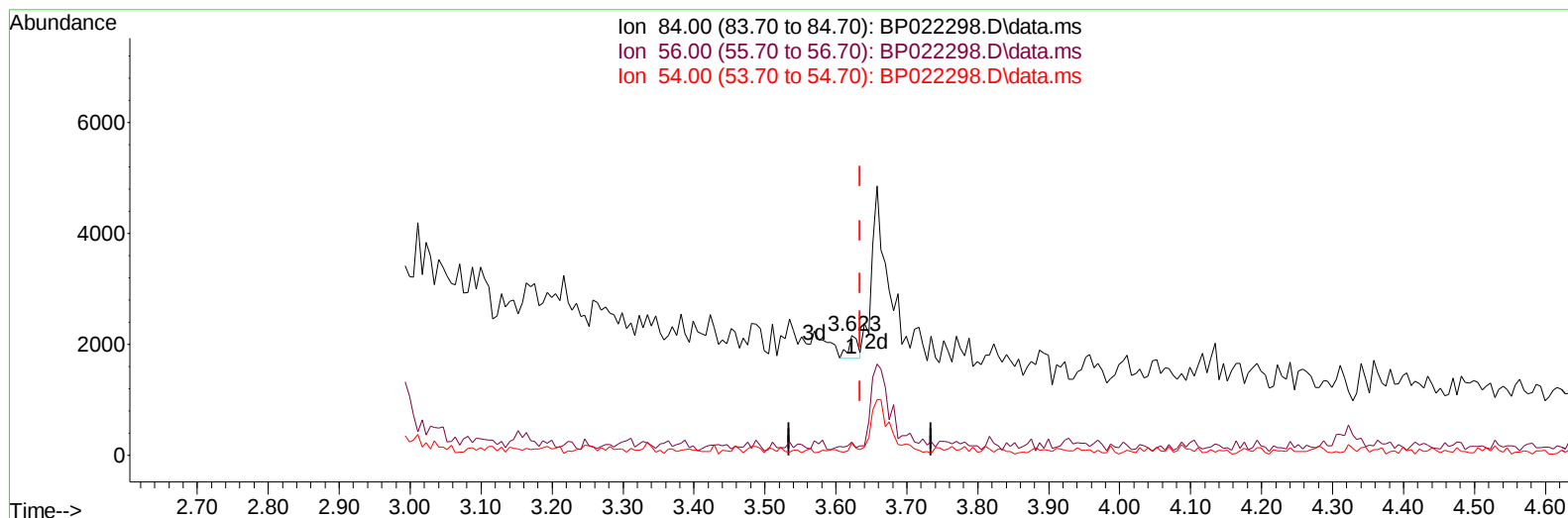
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

(4) Pyridine-d5 (S)

3.623min (-0.012) 0.04 ng/u1

response 394

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	11.13#
54.00	30.90	10.02#
0.00	0.00	0.00

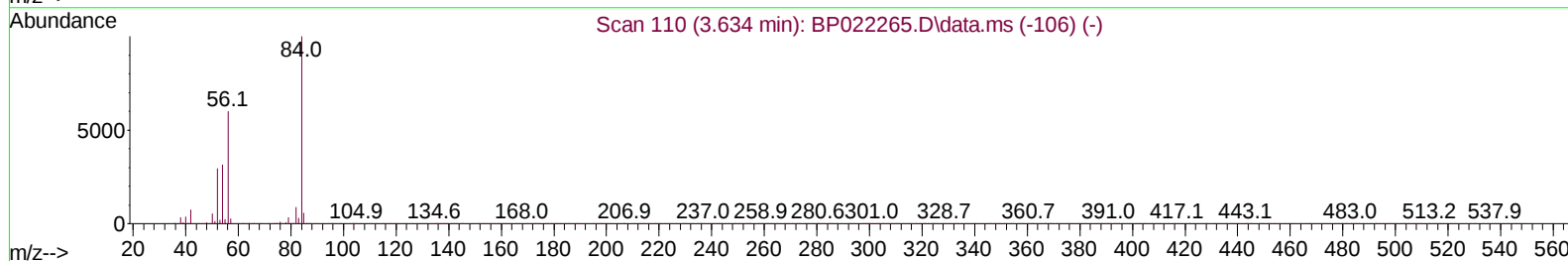
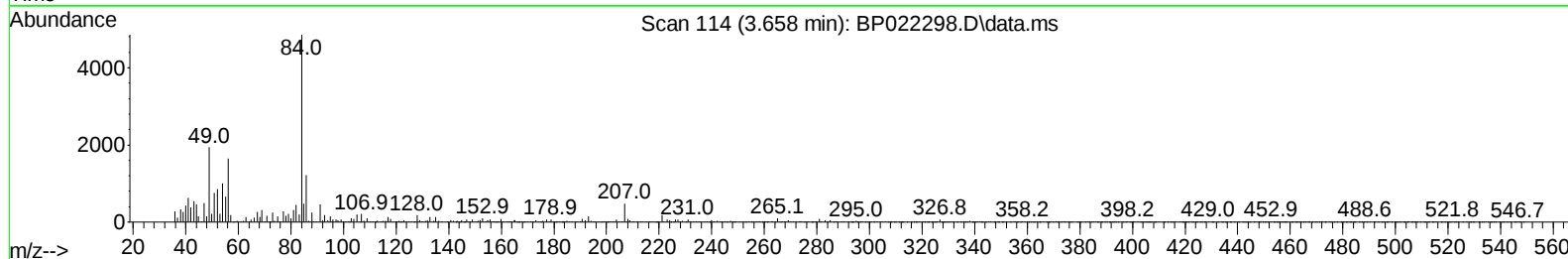
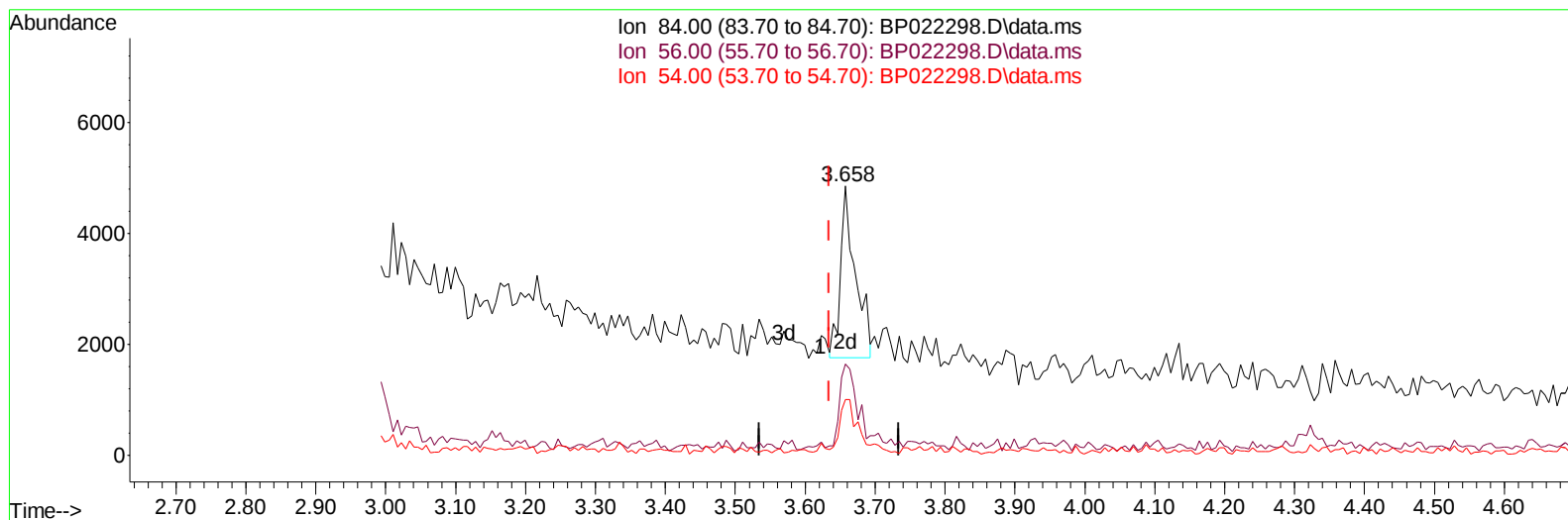
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022298.D
 Acq On : 09 Oct 2024 20:27
 Operator : RC/JU
 Sample : P4162-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EJ0

Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
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Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

(4) Pyridine-d5 (S)

3.658min (+ 0.024) 0.48 ng/u1 m

response 4684

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	33.86#
54.00	30.90	20.74#
0.00	0.00	0.00

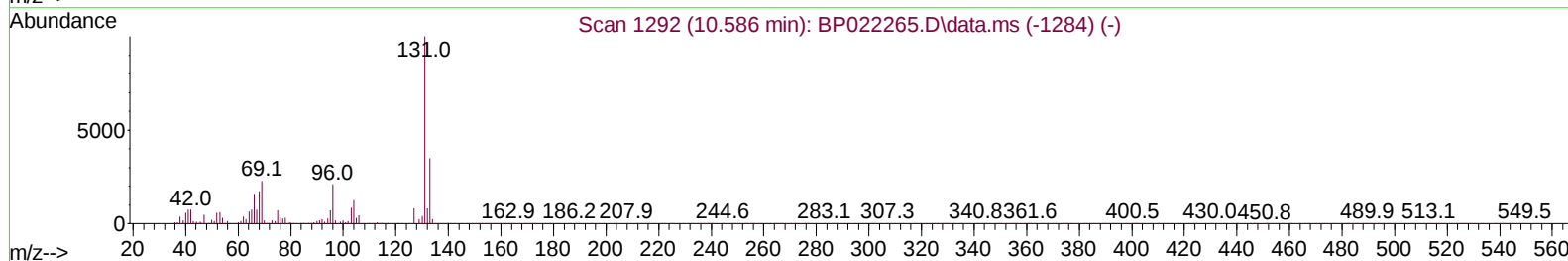
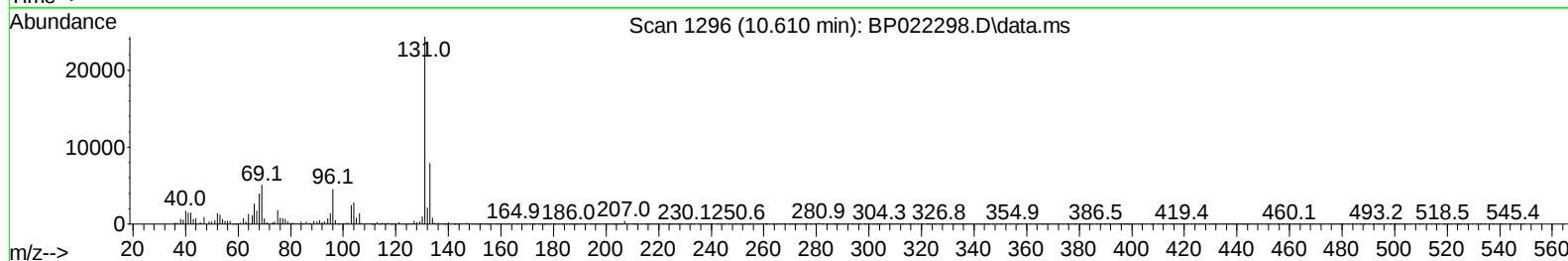
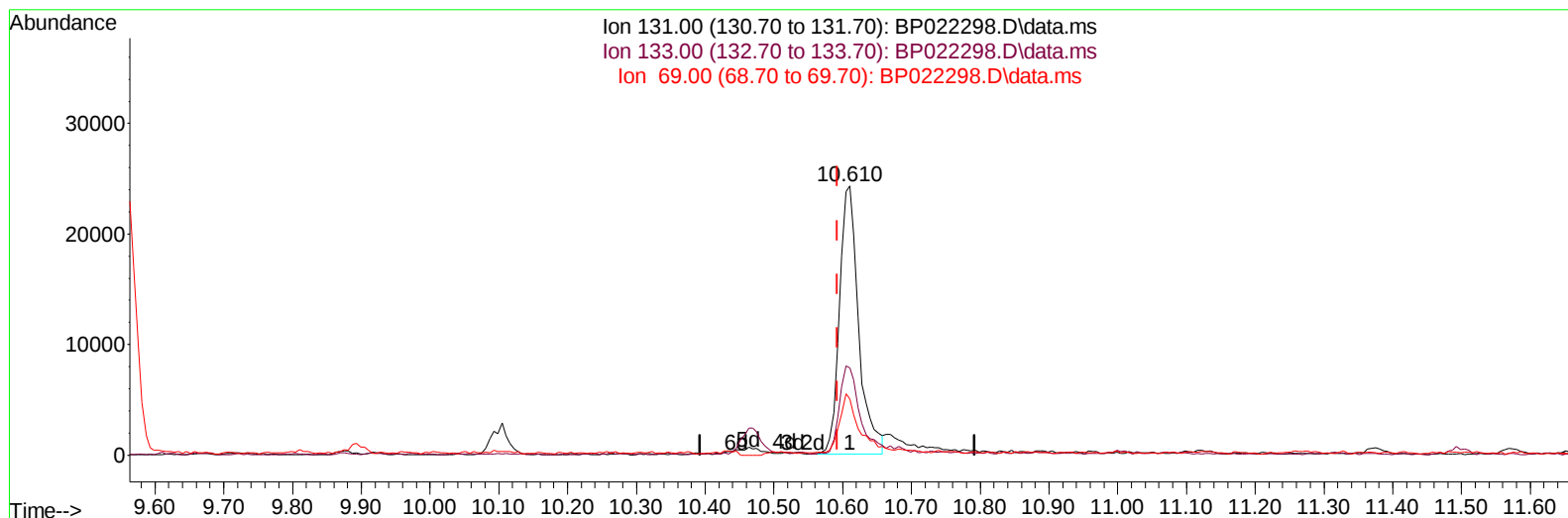
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022298.D
Acq On : 09 Oct 2024 20:27
Operator : RC/JU
Sample : P4162-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ0

Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:34 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.610min (+ 0.018) 3.81 ng/u1

response 47286

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	32.40
69.00	22.00	20.92
0.00	0.00	0.00

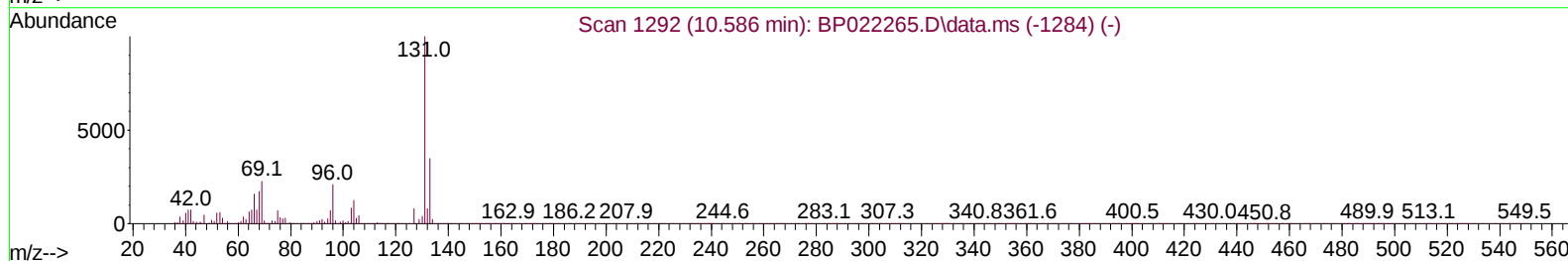
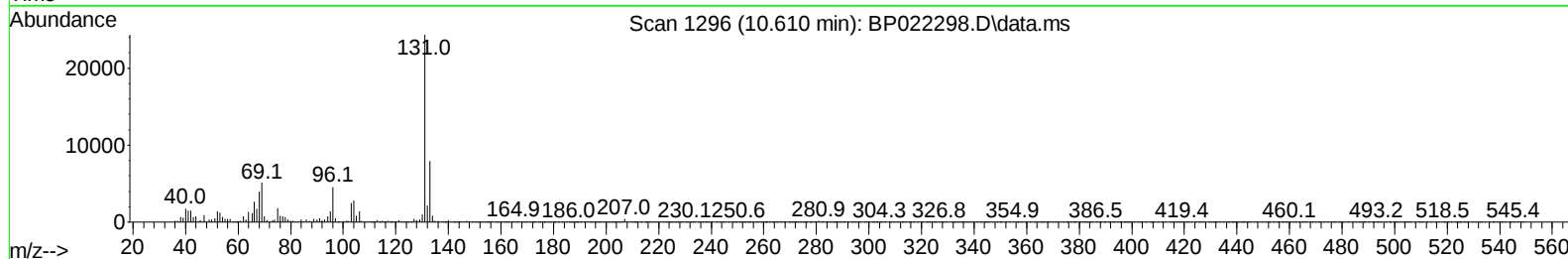
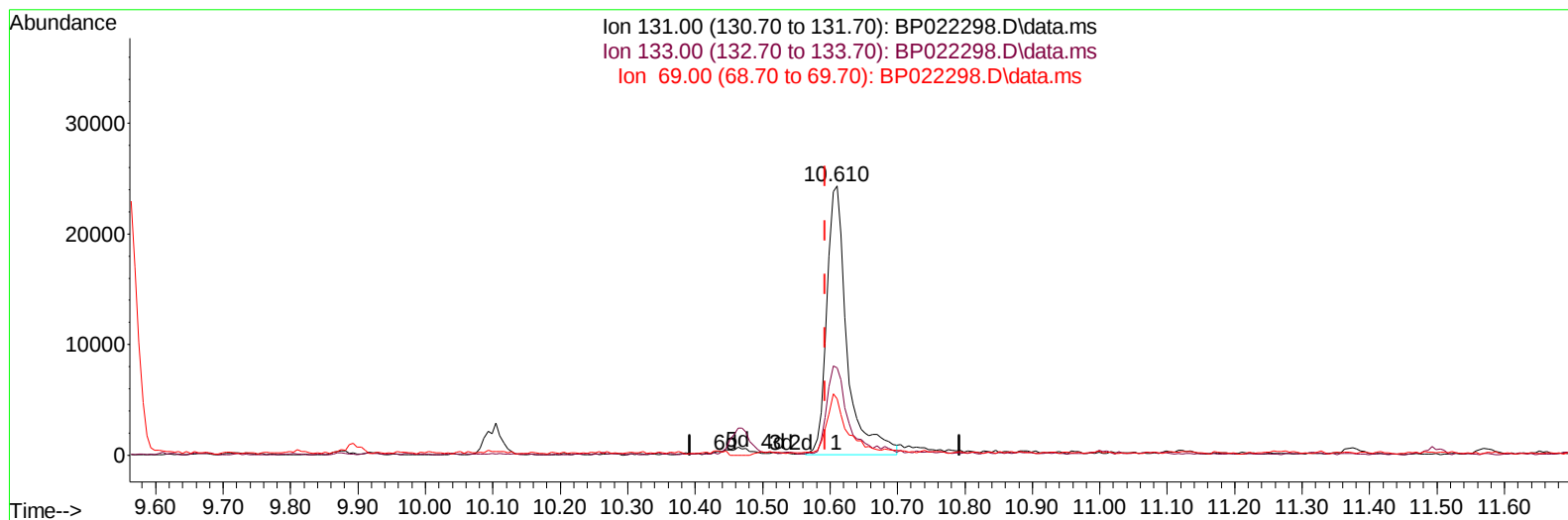
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Data File : BP022298.D
Acq On : 09 Oct 2024 20:27
Operator : RC/JU
Sample : P4162-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ0

Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.610min (+ 0.018) 4.11 ng/ul m

response 51042

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	32.40
69.00	22.00	20.92
0.00	0.00	0.00

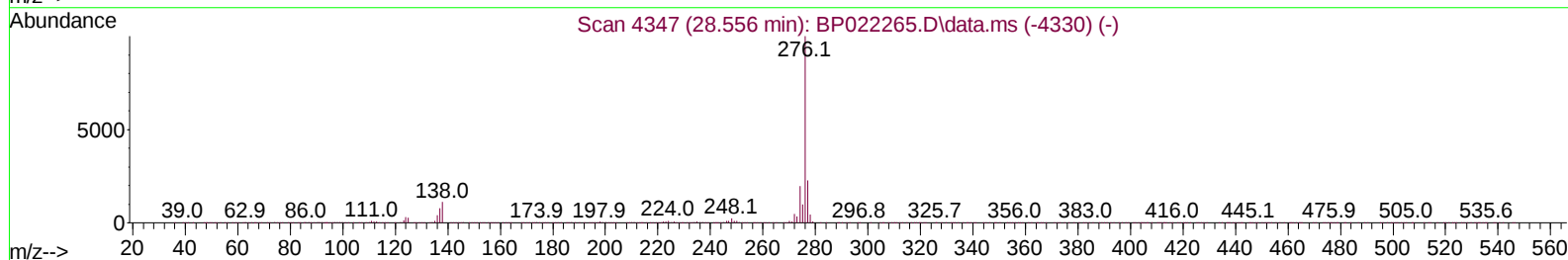
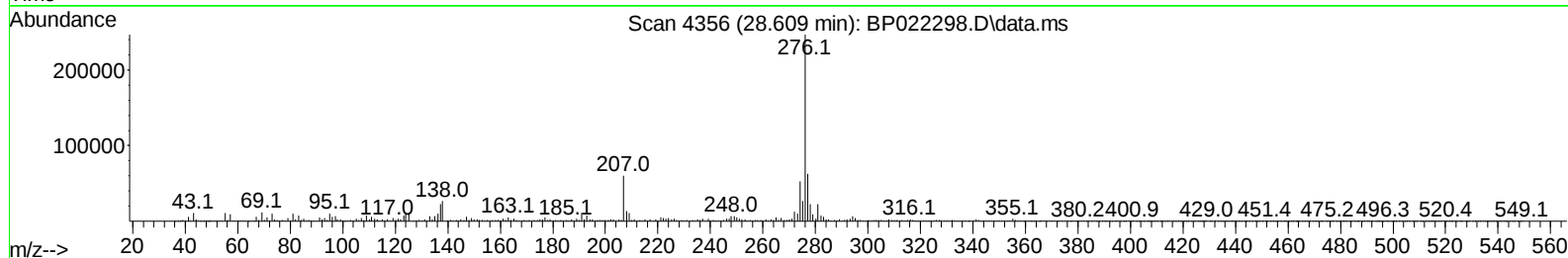
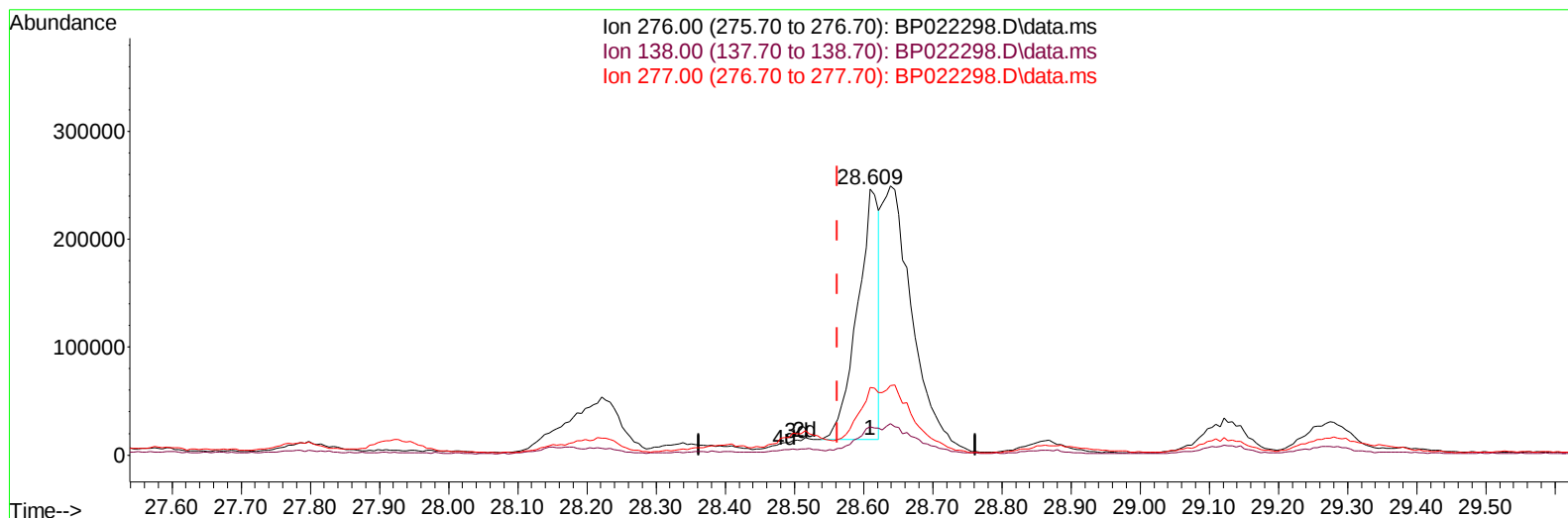
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
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Acq On : 09 Oct 2024 20:27
Operator : RC/JU
Sample : P4162-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:34 2024
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QLast Update : Tue Oct 08 02:14:47 2024
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

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

28.609min (+ 0.047) 5.85 ng/u1

response 495450

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.70
277.00	23.20	25.35
0.00	0.00	0.00

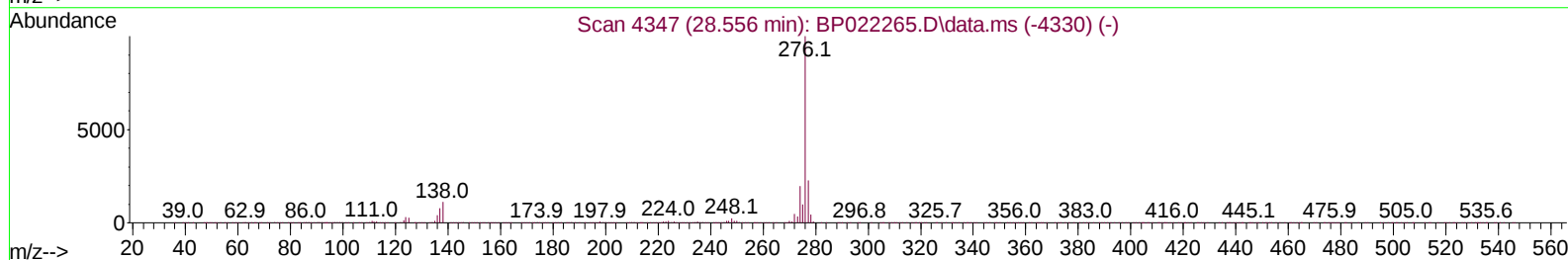
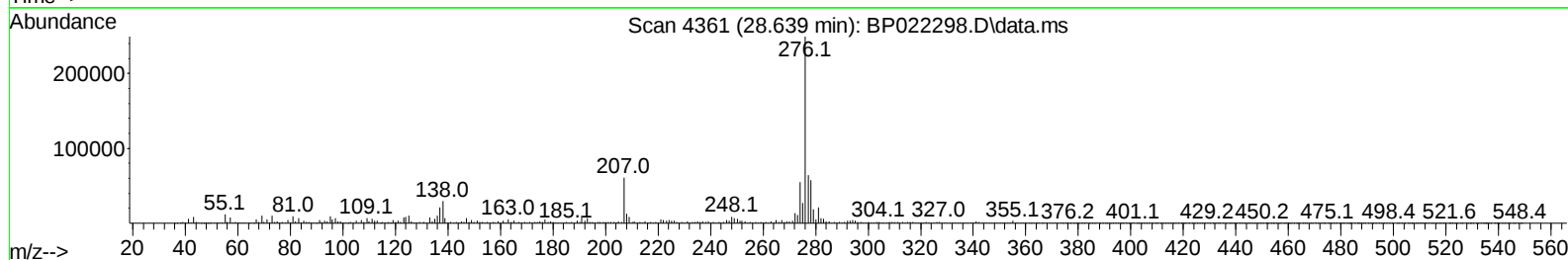
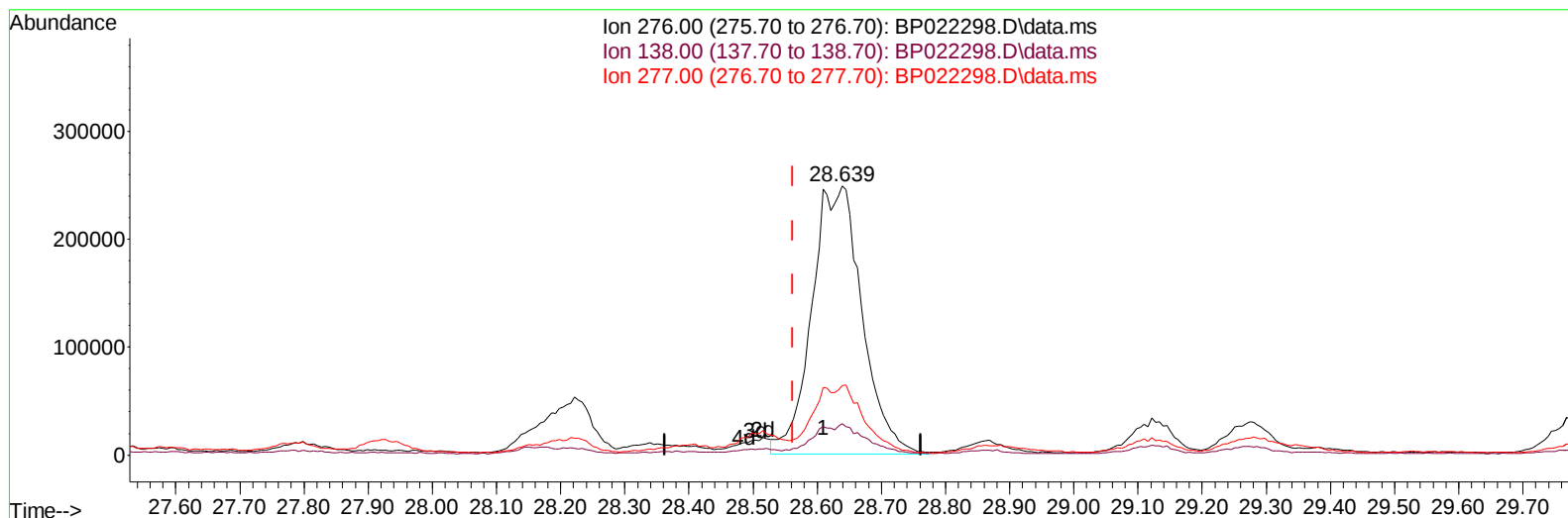
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022298.D
Acq On : 09 Oct 2024 20:27
Operator : RC/JU
Sample : P4162-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ0

Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:34 2024
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

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

28.639min (+ 0.077) 15.88 ng/ul m

response 1344013

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	11.78
277.00	23.20	25.78
0.00	0.00	0.00

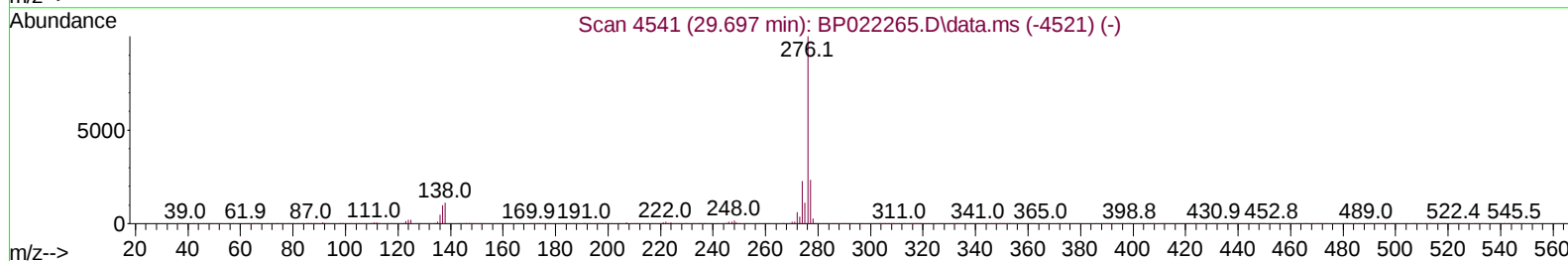
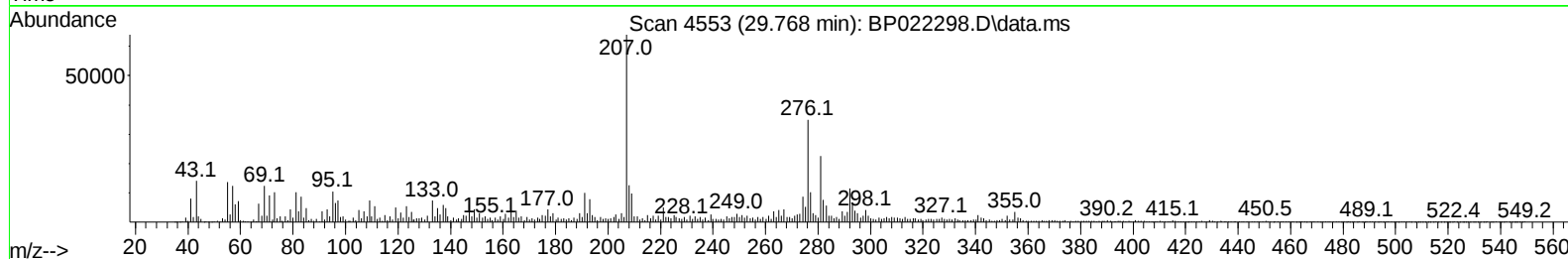
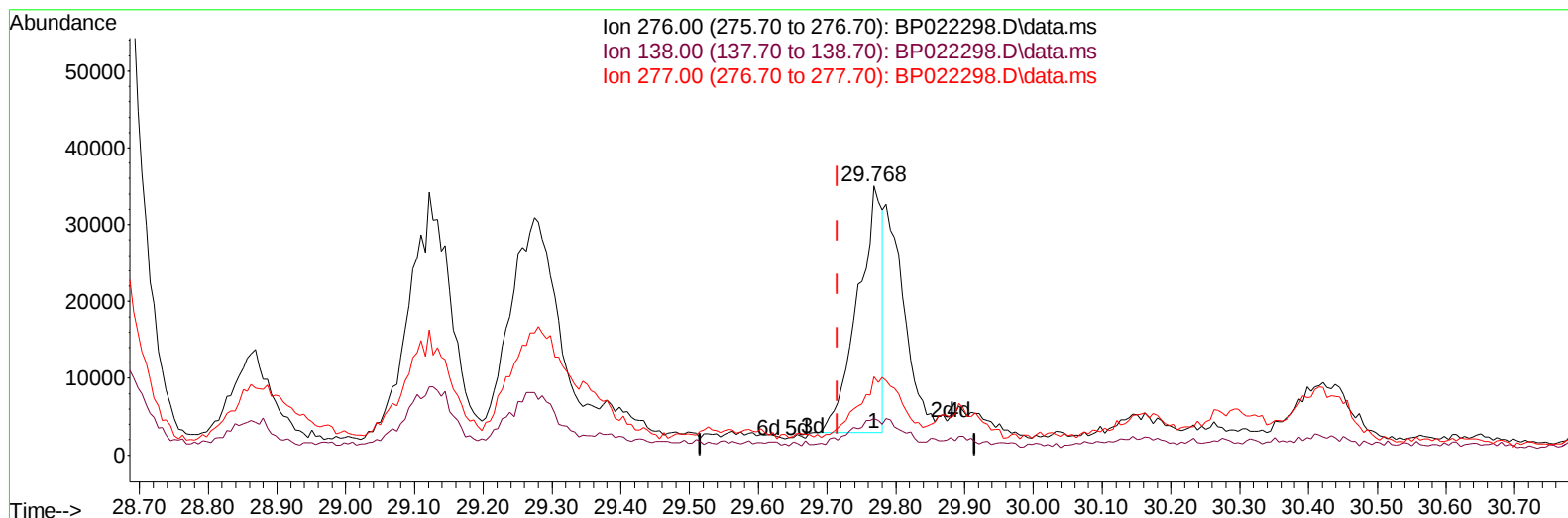
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ0

Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:34 2024
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Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

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

29.768min (+ 0.053) 1.21 ng/u1

response 79966

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	13.56#
277.00	23.70	29.19#
0.00	0.00	0.00

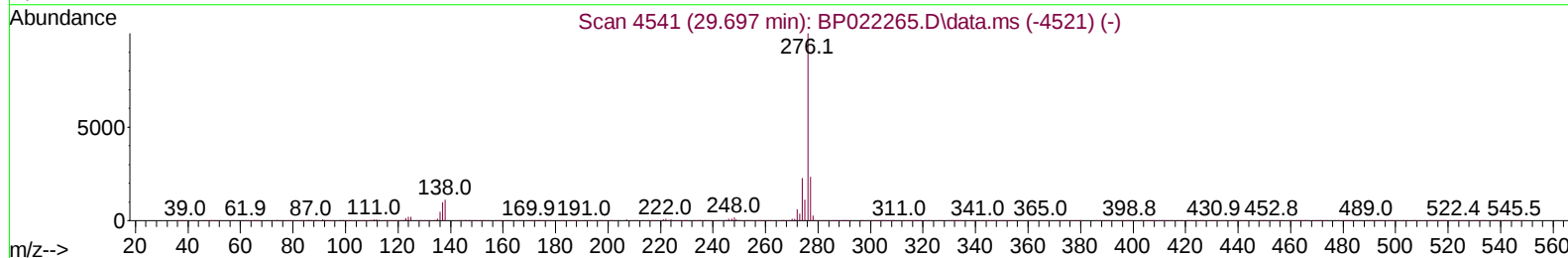
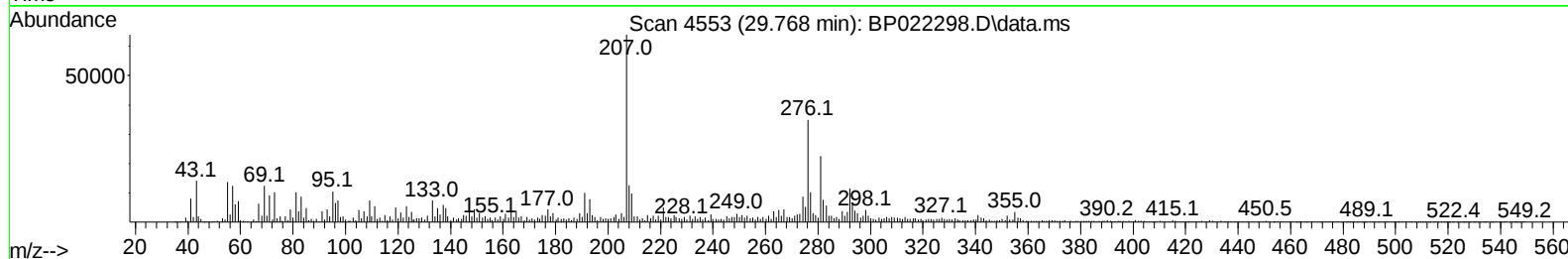
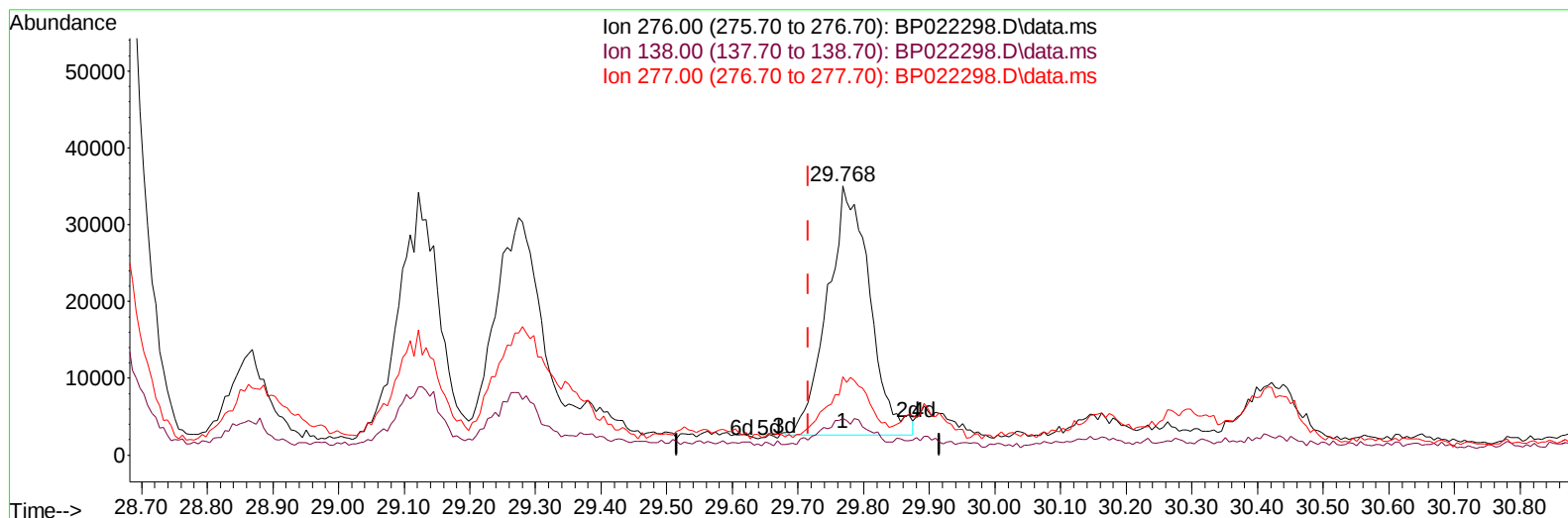
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Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:34 2024
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BP022298.D\data.ms

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

29.768min (+ 0.053) 2.20 ng/ul m

response 144884

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	13.56#
277.00	23.70	29.19#
0.00	0.00	0.00

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EJ0

Manual IntegrationsAPPROVED

Quant Time: Oct 10 01:31:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
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Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	137555	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	554868	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	423047	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	932678	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	879507	20.000	ng/ul	0.03
88) Perylene-d12	24.874	264	1094740	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	6196m	1.750	ng/uL	0.00
4) Pyridine-d5	3.658	84	4684m	0.482	ng/ul	0.02
7) Phenol-d5	6.899	99	145398	12.557	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.046	67	80989	11.901	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	110006	13.389	ng/ul	0.00
15) 4-Methylphenol-d8	8.411	113	111516	12.068	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	55494	13.007	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	67397	13.645	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	137482	13.096	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	51042m	4.115	ng/ul	0.02
46) Dimethylphthalate-d6	13.728	166	430360	12.804	ng/ul	0.01
49) Acenaphthylene-d8	14.010	160	485273	13.593	ng/ul	0.01
54) 4-Nitrophenol-d4	14.546	143	64474	11.434	ng/ul	0.02
60) Fluorene-d10	15.322	176	392408	13.460	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	41925	6.835	ng/ul	0.01
73) Anthracene-d10	17.222	188	615543	14.029	ng/ul	0.00
81) Pyrene-d10	19.598	212	558314	12.004	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.645	264	448299	7.668	ng/ul	0.05
Target Compounds						
					Qvalue	
8) Phenol	6.922	94	14962	1.242	ng/ul	97
16) Acetophenone	8.516	105	57481	3.768	ng/ul#	92
30) Naphthalene	10.516	128	321489	10.878	ng/ul	98
36) 2-Methylnaphthalene	12.122	142	119449	5.506	ng/ul	99
37) 1-Methylnaphthalene	12.346	142	78388	3.540	ng/ul	92
43) 1,1'-Biphenyl	13.140	154	44948	1.474	ng/ul	98
50) Acenaphthylene	14.040	152	73624	1.987	ng/ul#	94
52) Acenaphthene	14.393	153	494347	18.868	ng/ul	100
56) Dibenzofuran	14.734	168	528086	13.418	ng/ul	98
61) Fluorene	15.381	166	638600	19.915	ng/ul	99
72) Phenanthrene	17.169	178	7612540	152.558	ng/ul	100
74) Anthracene	17.263	178	2096742	42.106	ng/ul	99
77) Carbazole	17.545	167	764786	17.357	ng/ul	99
80) Fluoranthene	19.263	202	8597786	160.800	ng/ul	98
82) Pyrene	19.633	202	5268186	91.928	ng/ul	98
83) Butylbenzylphthalate	20.580	149	22111	1.108	ng/ul#	82
85) Benzo(a)anthracene	21.551	228	3899546	63.246	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.469	149	222789	7.779	ng/ul	99
87) Chrysene	21.622	228	3723340	65.127	ng/ul	97
90) Benzo(b)fluoranthene	23.833	252	4354377	63.189	ng/ul	99
91) Benzo(k)fluoranthene	23.892	252	1603046	23.761	ng/ul	96
93) Benzo(a)pyrene	24.716	252	1492830	23.538	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.639	276	1344013m	15.881	ng/ul	

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Sample : P4162-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 01:31:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	28.686	278		601074	8.771	ng/ul	93
96) Benzo(g,h,i)perylene	29.768	276		144884m	2.201	ng/ul	

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

