

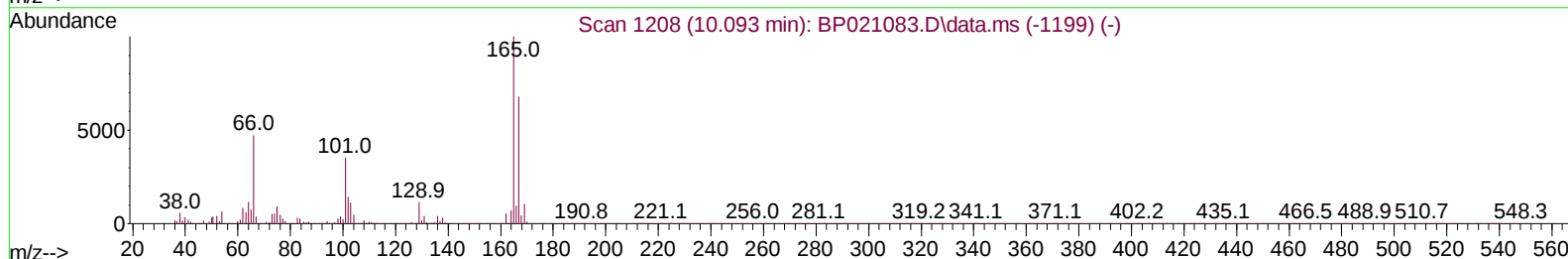
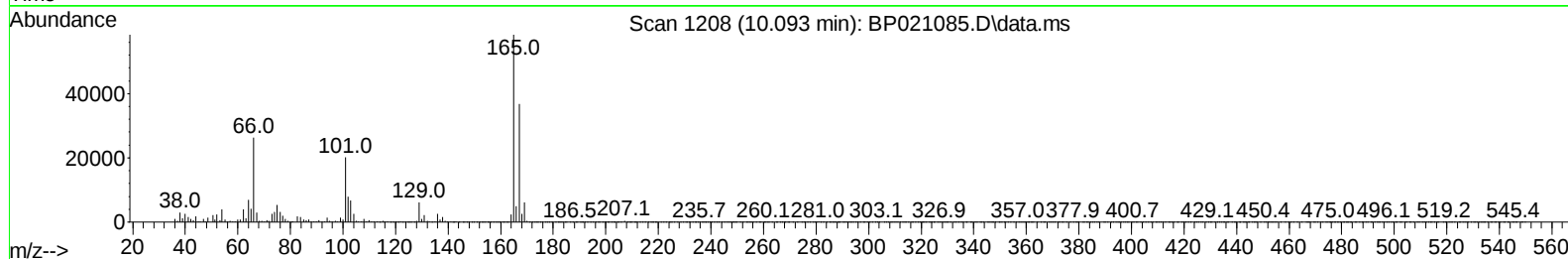
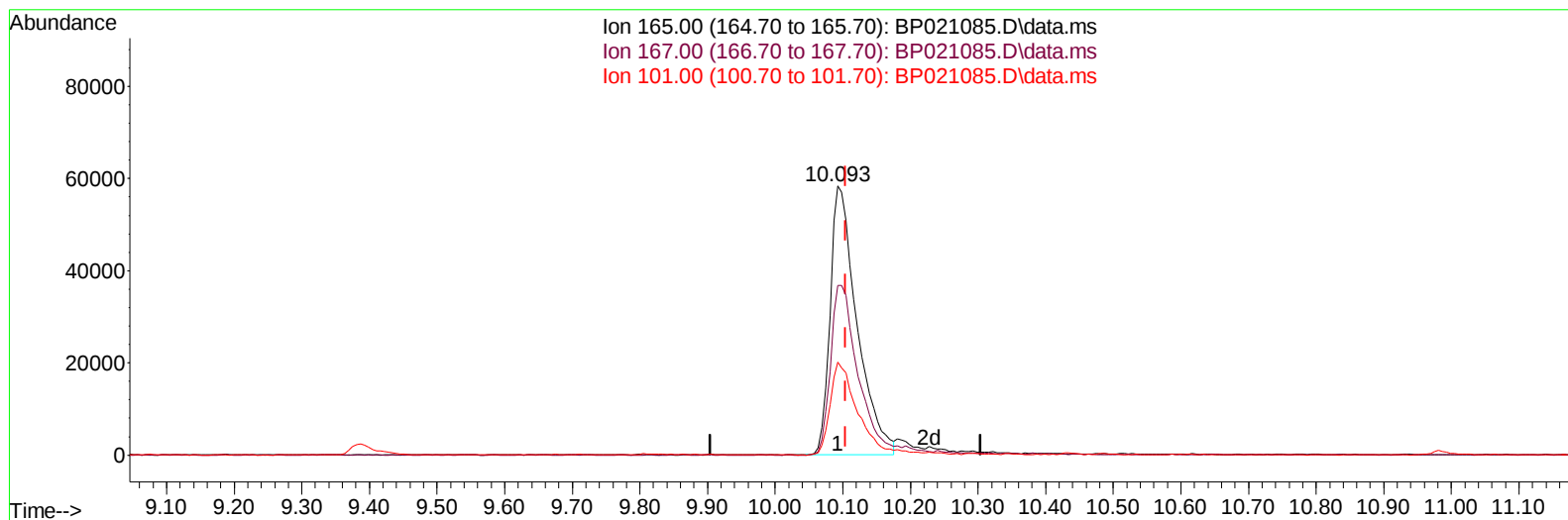
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021085.D
Acq On : 22 Jul 2024 12:40
Operator : MA/JU
Sample : P3238-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ5

Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:22:20 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 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021085.D\data.ms

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

10.093min (-0.012) 13.43 ng/ul

response 160934

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	63.13
101.00	35.50	34.52
0.00	0.00	0.00

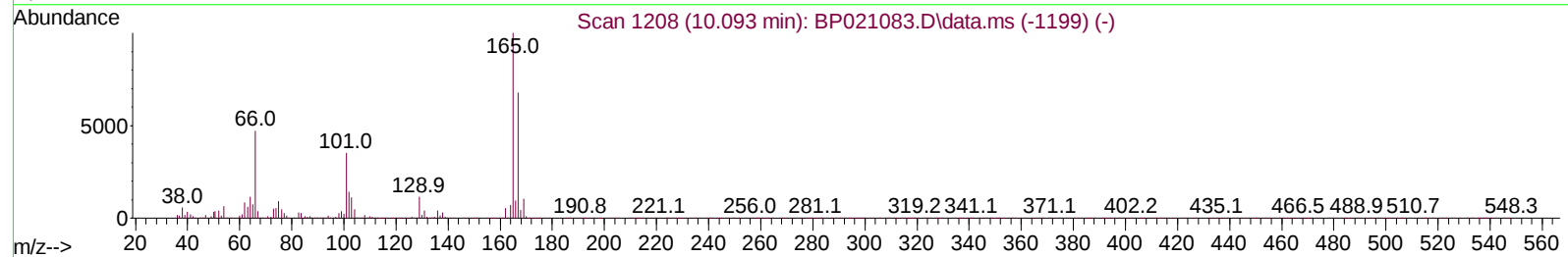
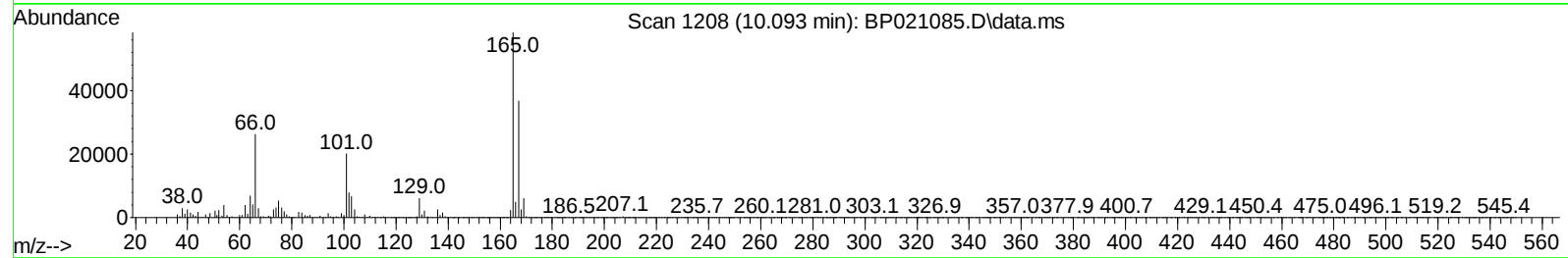
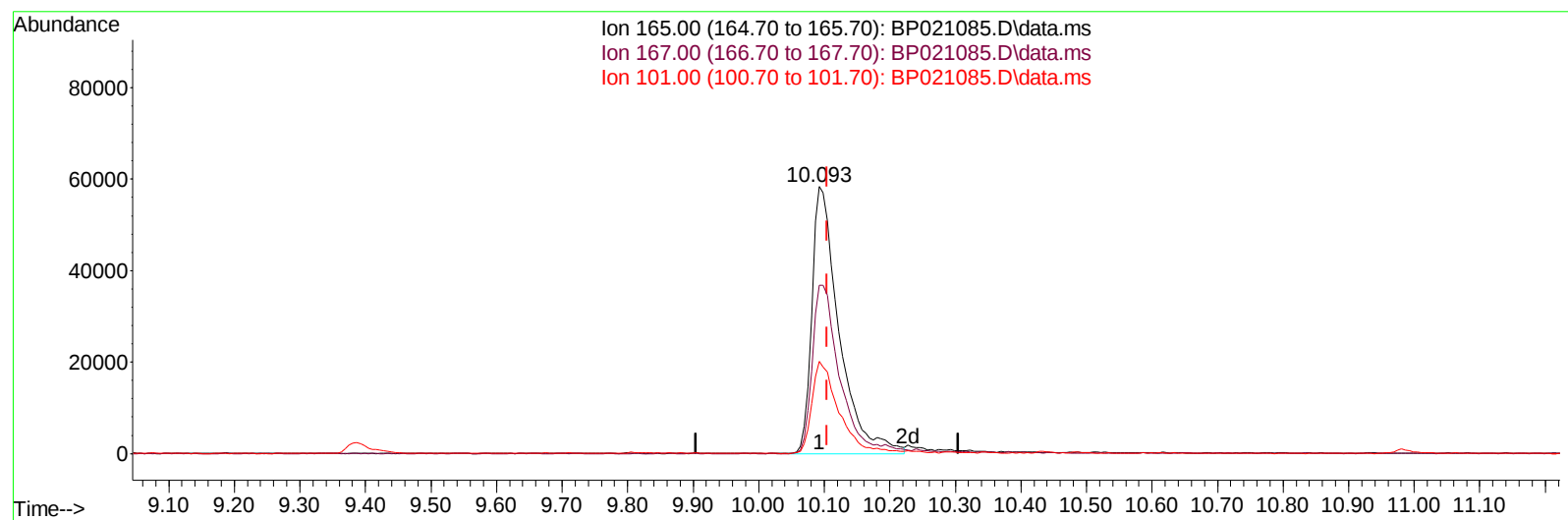
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Sample : P3238-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:22:20 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021085.D\data.ms

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

10.093min (-0.012) 13.98 ng/ul m

response 167493

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	63.13
101.00	35.50	34.52
0.00	0.00	0.00

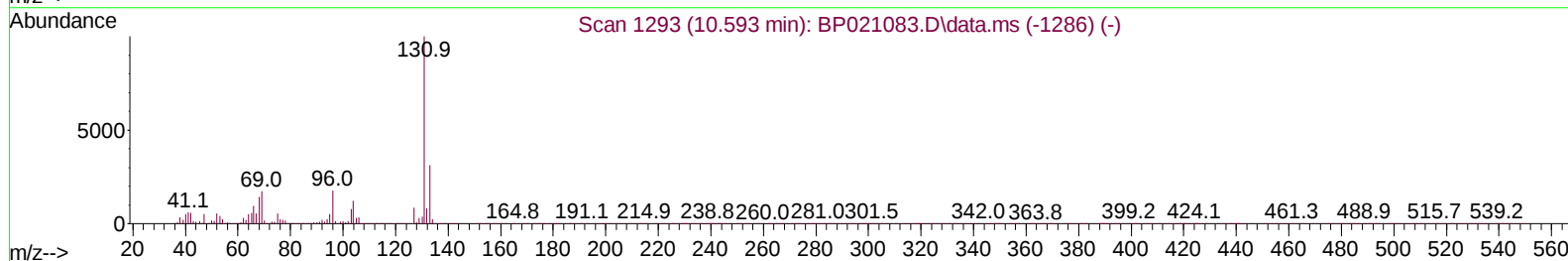
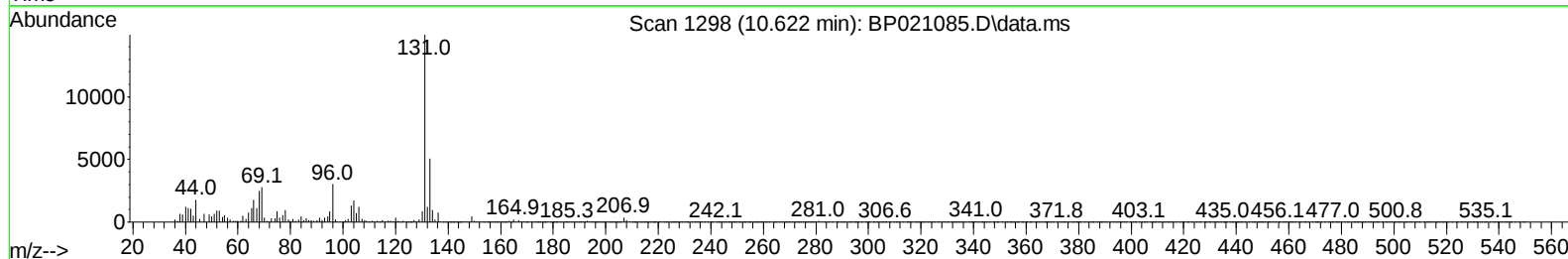
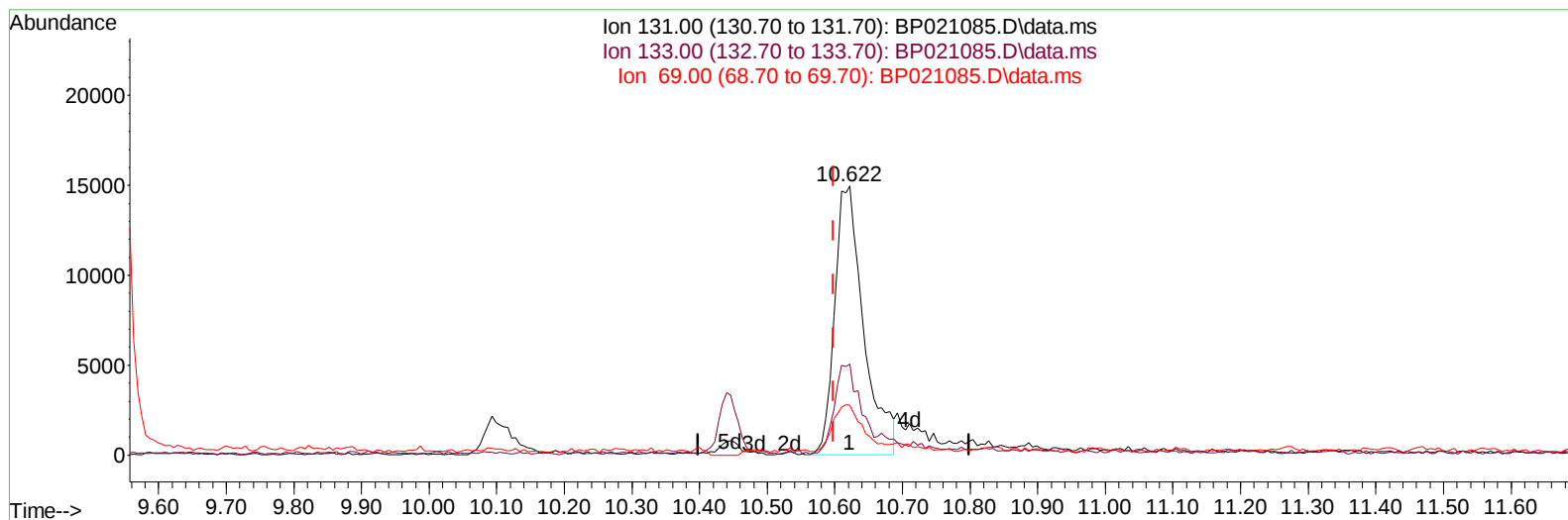
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021085.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.622min (+ 0.024) 2.79 ng/u1

response 44329

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.74
69.00	17.40	18.54
0.00	0.00	0.00

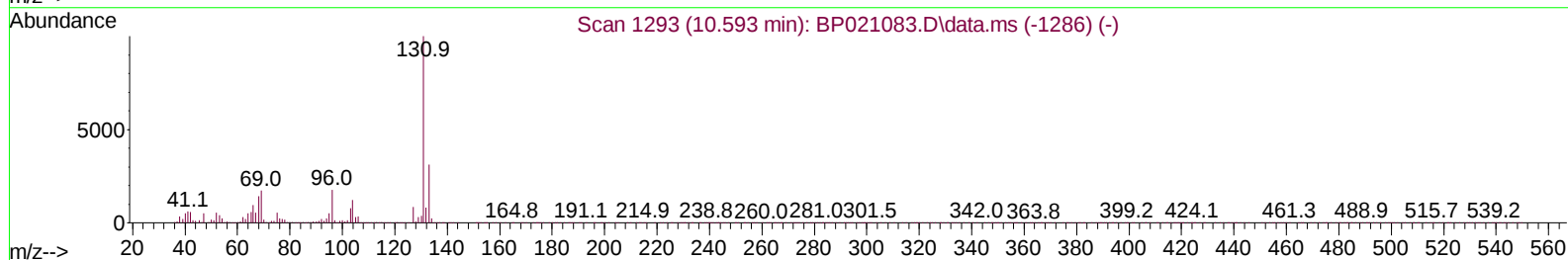
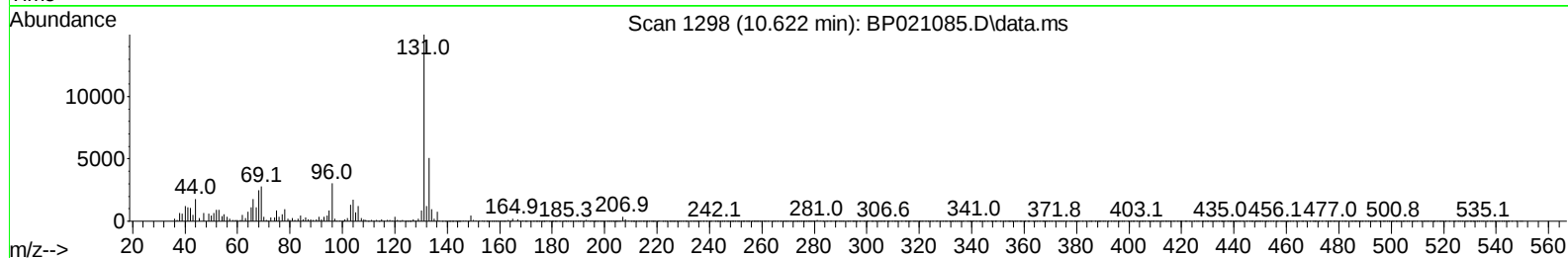
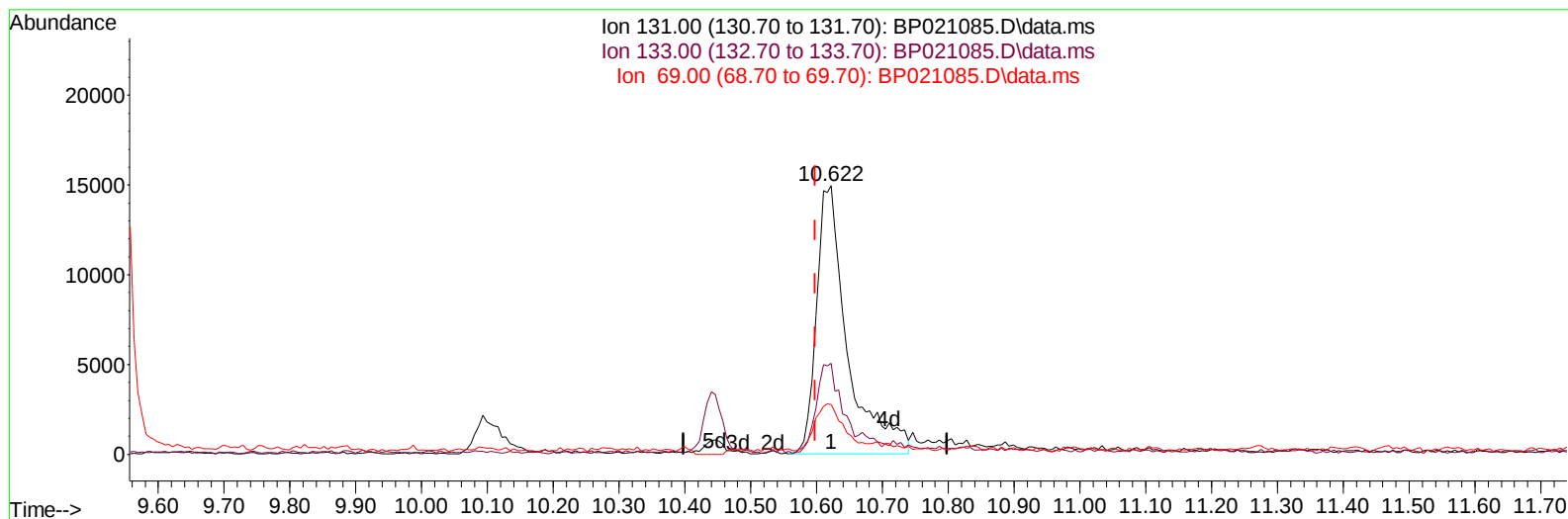
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
 Data File : BP021085.D
 Acq On : 22 Jul 2024 12:40
 Operator : MA/JU
 Sample : P3238-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:22:20 2024
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Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021085.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.622min (+ 0.024) 3.10 ng/ul m

response 49149

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.74
69.00	17.40	18.54
0.00	0.00	0.00

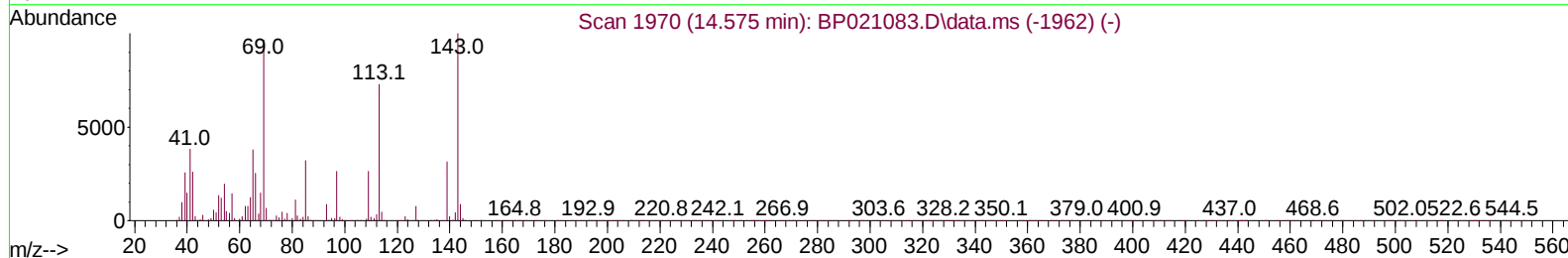
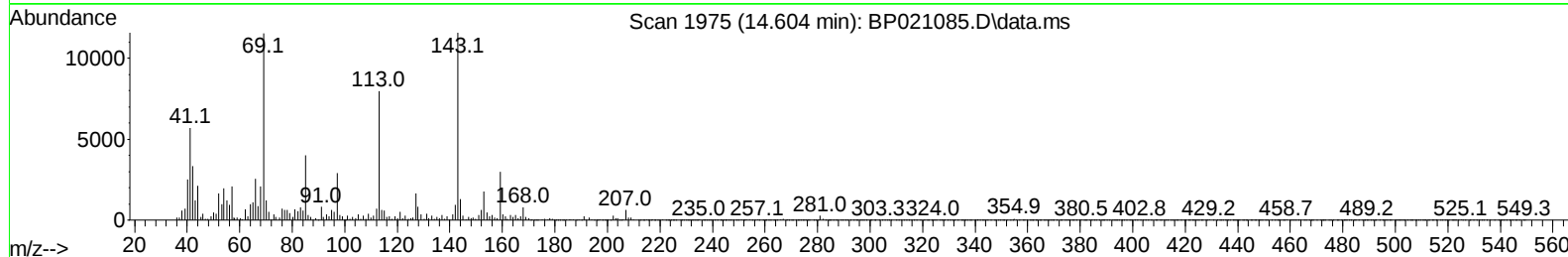
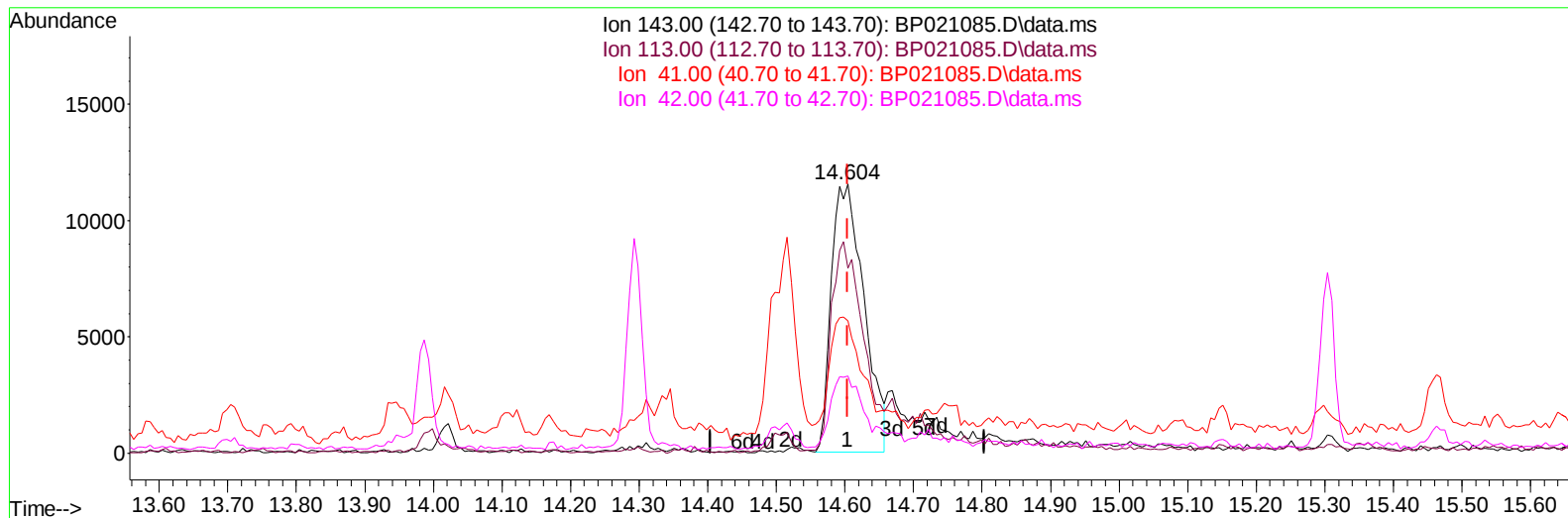
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
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Acq On : 22 Jul 2024 12:40
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Sample : P3238-15
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Instrument :
BNA_P
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Manual IntegrationsAPPROVED

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TIC: BP021085.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.604min (+ 0.000) 7.61 ng/u1

response 38082

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	68.79
41.00	37.90	49.23#
42.00	27.10	28.71

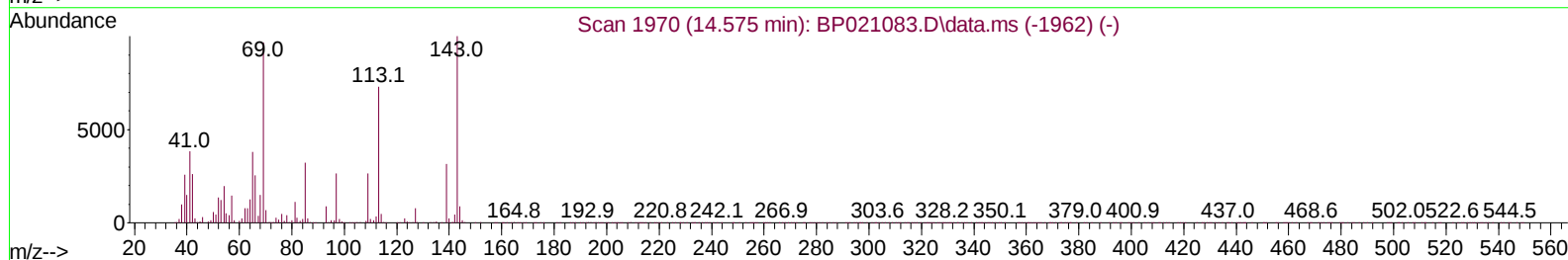
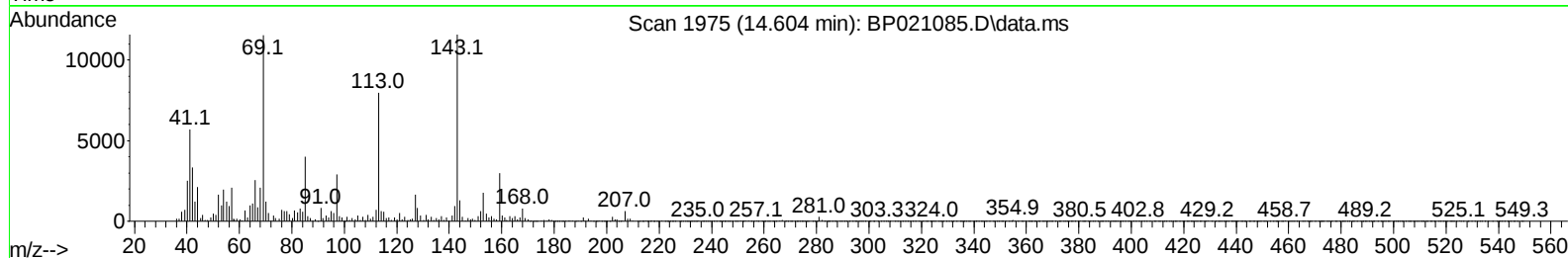
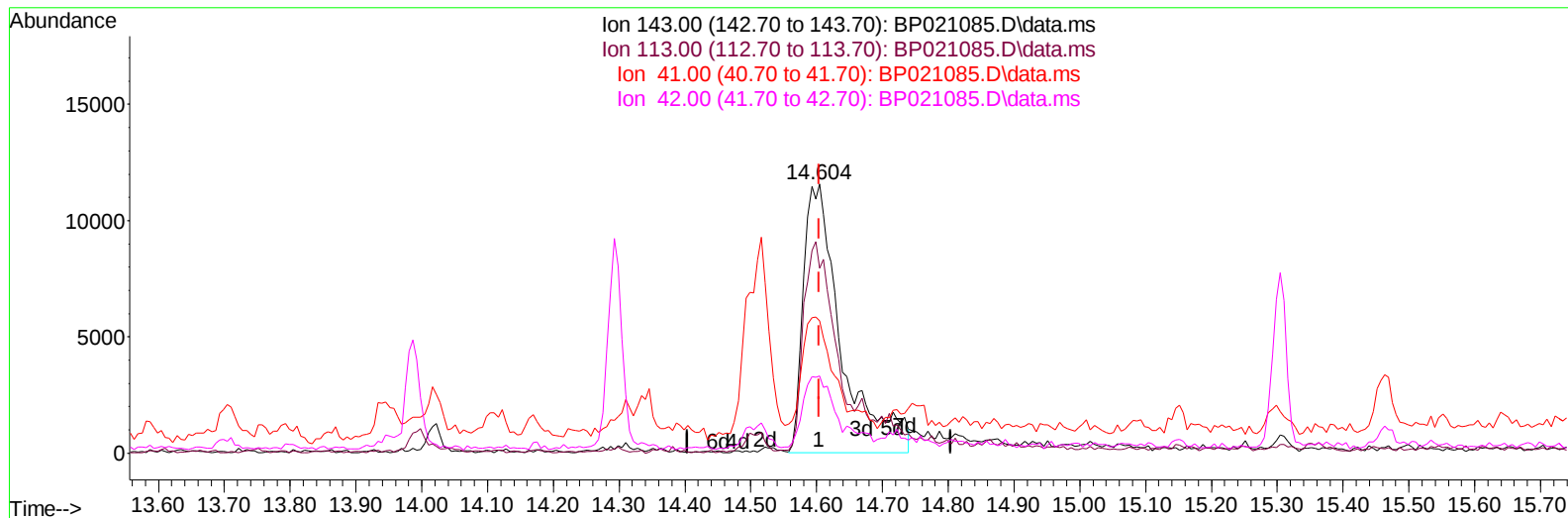
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021085.D
Acq On : 22 Jul 2024 12:40
Operator : MA/JU
Sample : P3238-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ5

Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:25:17 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 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021085.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.604min (+ 0.000) 9.26 ng/ul m

response 46348

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	68.79
41.00	37.90	49.23#
42.00	27.10	28.71

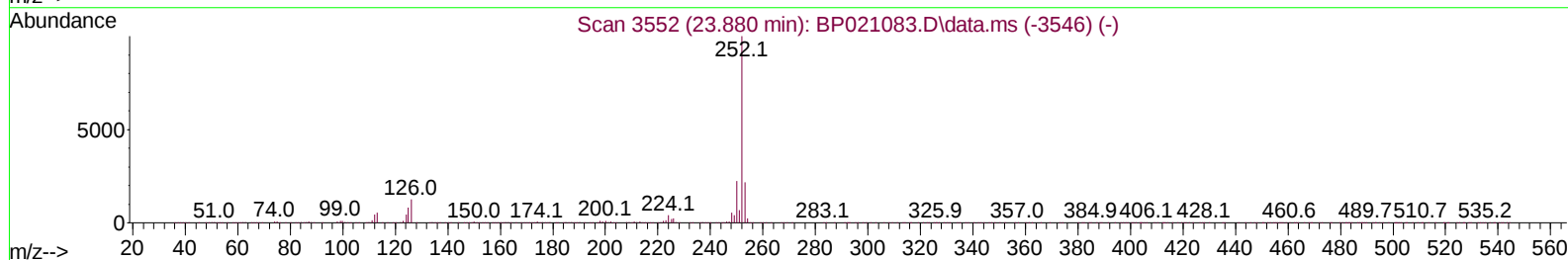
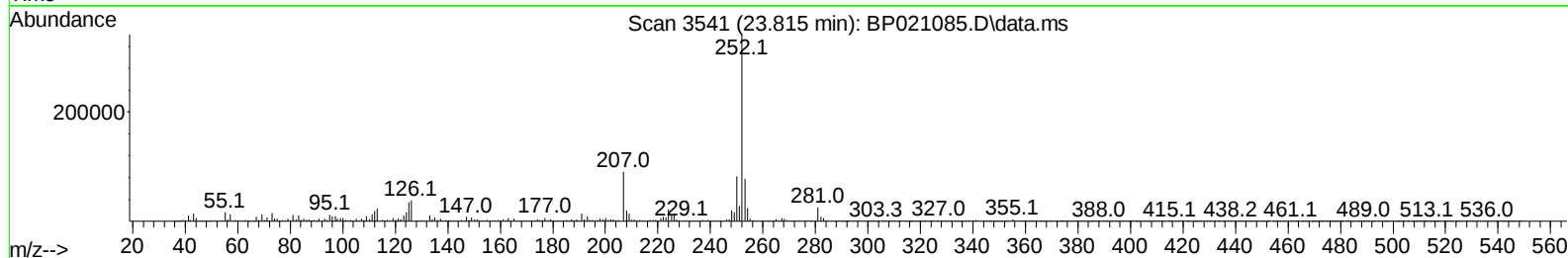
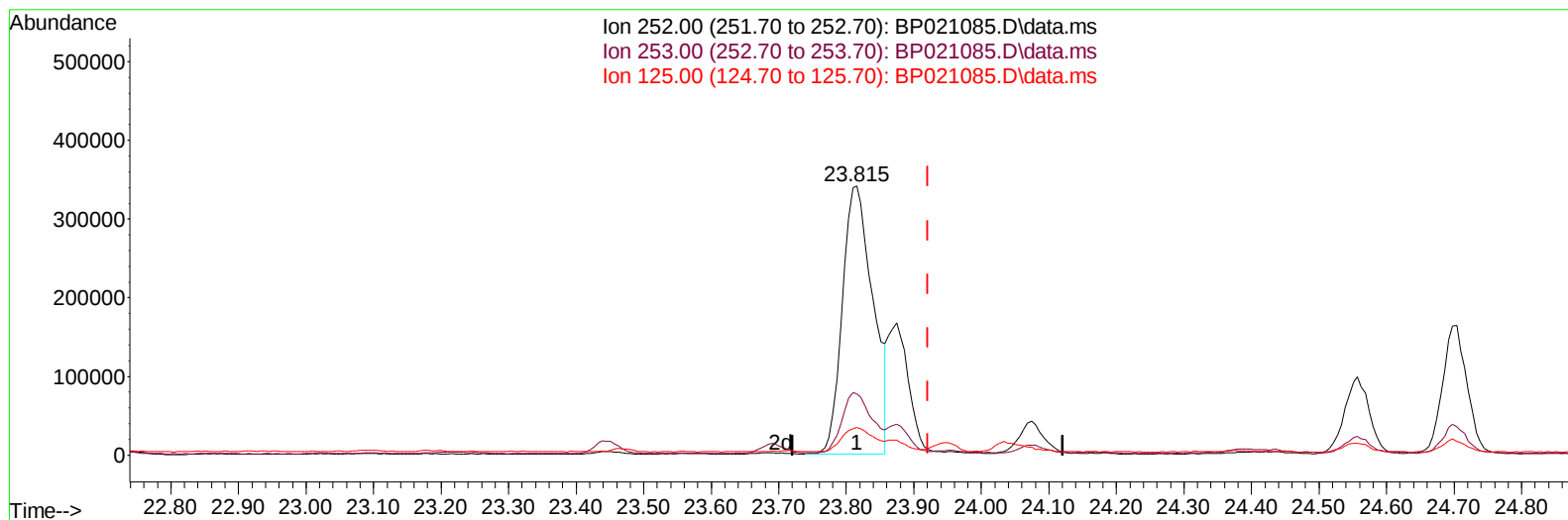
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
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Acq On : 22 Jul 2024 12:40
Operator : MA/JU
Sample : P3238-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
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Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:25:17 2024
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Reviewed By :Yogesh Patel 07/23/2024
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TIC: BP021085.D\data.ms

(91) Benzo(k)fluoranthene

23.815min (-0.106) 14.65 ng/u1

response 1071048

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.68
125.00	9.20	10.17
0.00	0.00	0.00

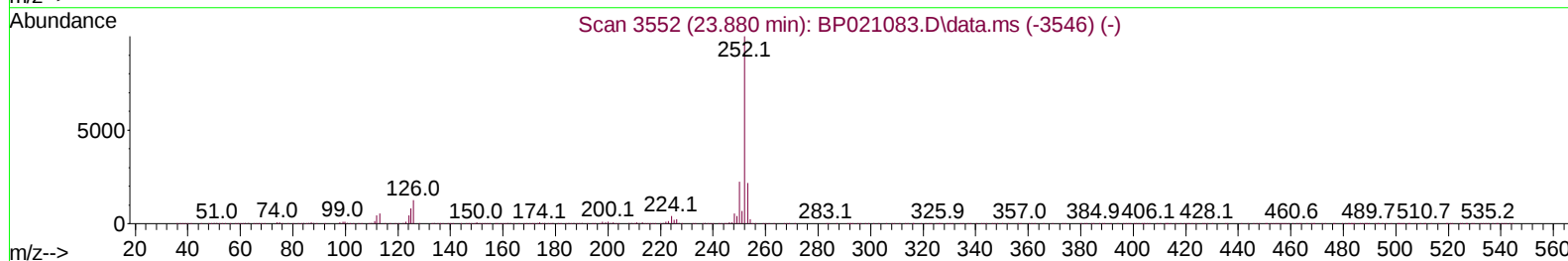
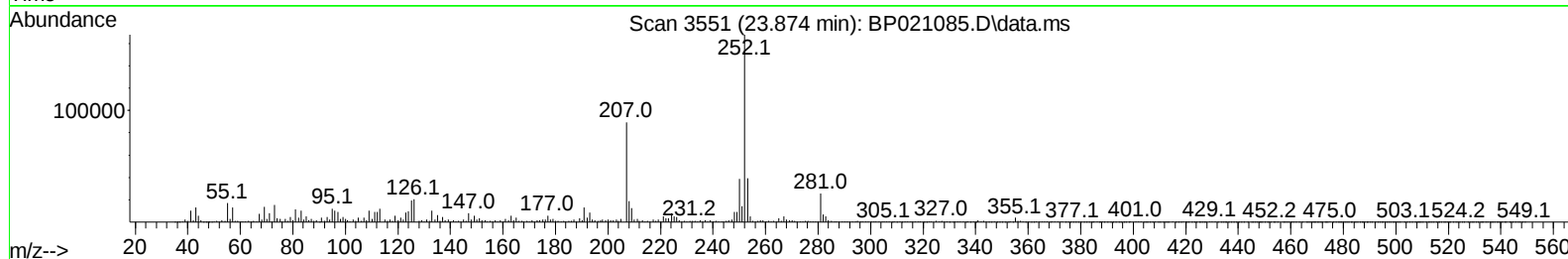
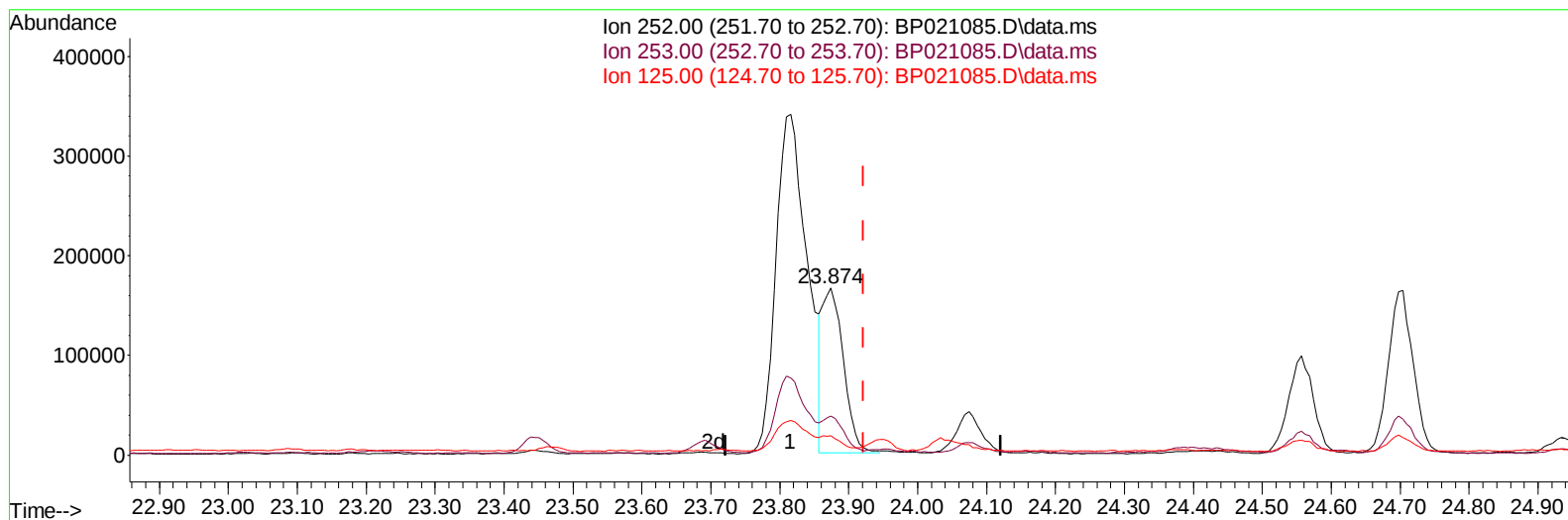
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021085.D
Acq On : 22 Jul 2024 12:40
Operator : MA/JU
Sample : P3238-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ5

Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021085.D\data.ms

(91) Benzo(k)fluoranthene

23.874min (-0.047) 4.78 ng/u1 m

response 349606

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.35
125.00	9.20	11.41#
0.00	0.00	0.00

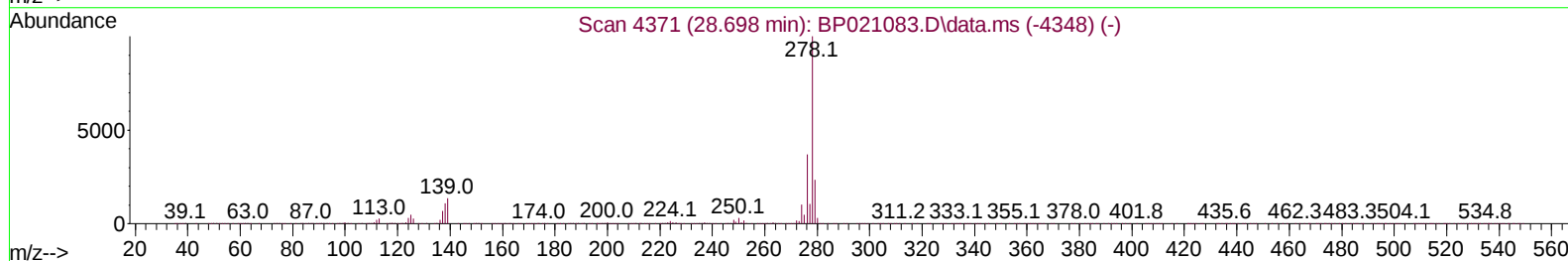
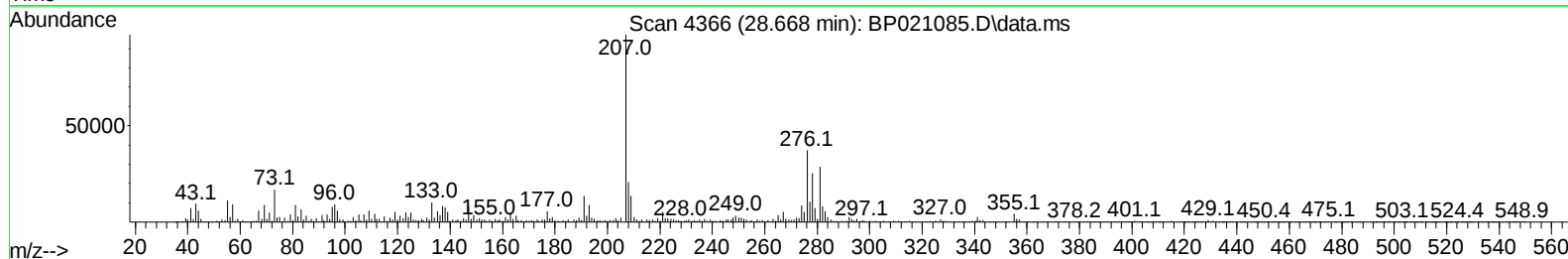
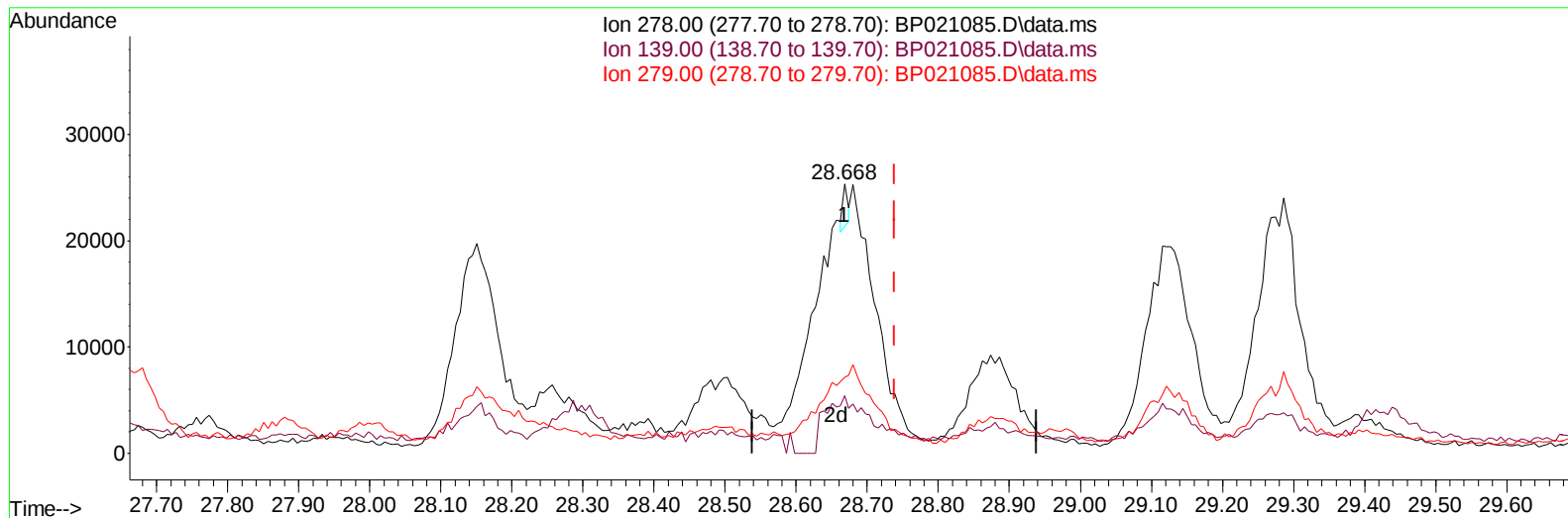
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Sample : P3238-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BP021085.D\data.ms

(95) Dibenzo(a,h)anthracene

28.668min (-0.071) 0.03 ng/u1

response 2049

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	21.39#
279.00	24.20	28.14
0.00	0.00	0.00

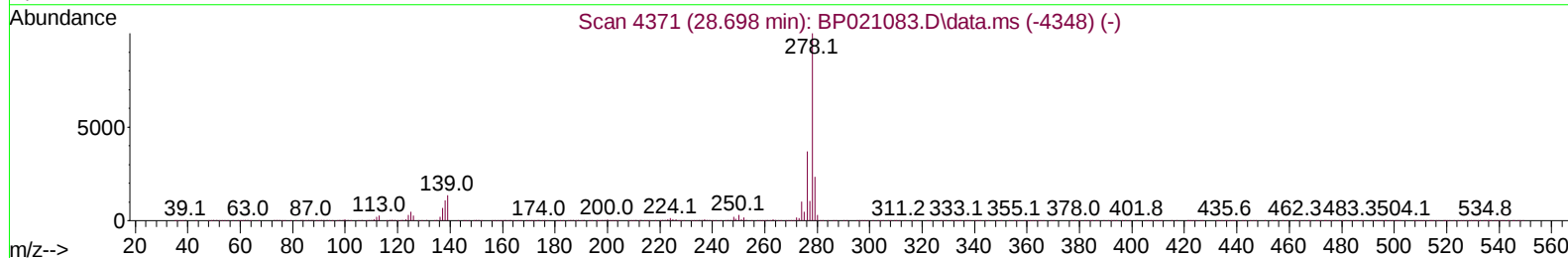
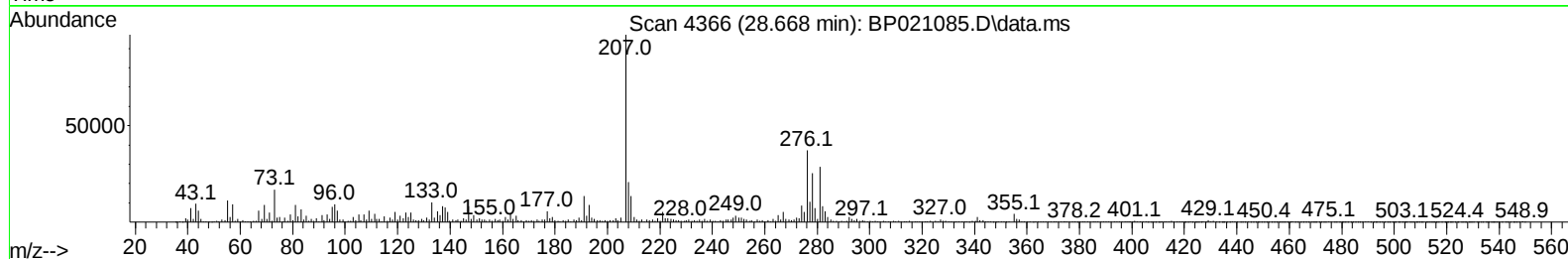
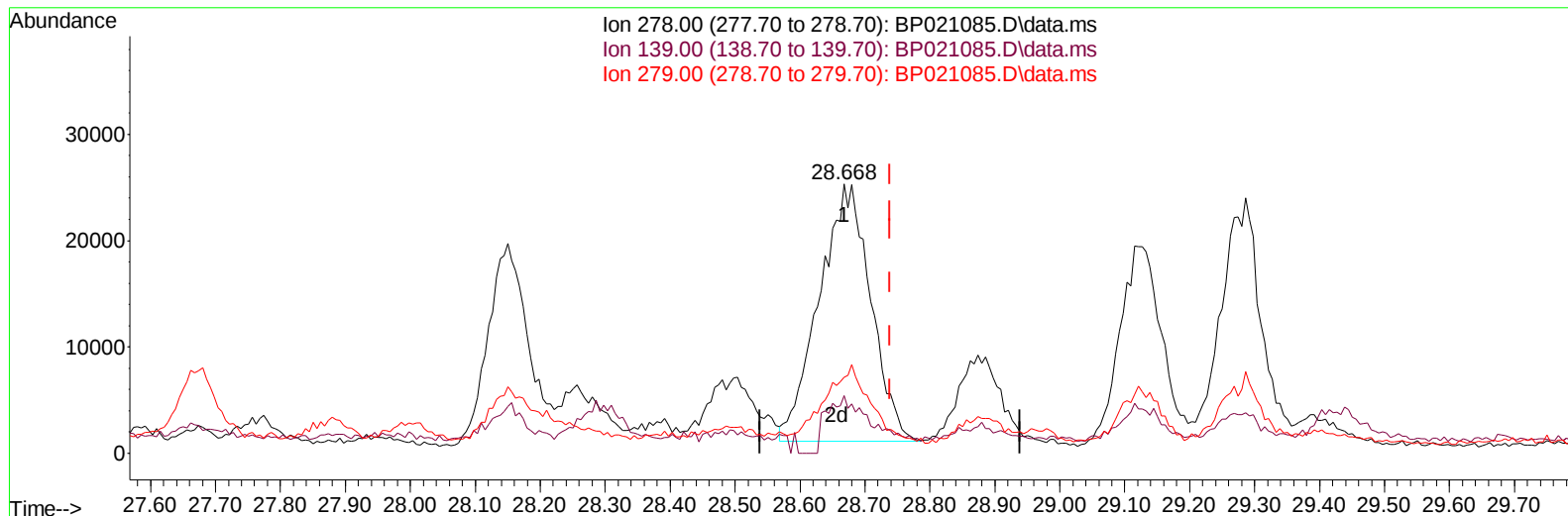
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Manual IntegrationsAPPROVED

Quant Time: Jul 23 02:25:17 2024
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TIC: BP021085.D\data.ms

(95) Dibenzo(a,h)anthracene

28.668min (-0.071) 1.81 ng/ul m

response 133398

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	21.39#
279.00	24.20	28.14
0.00	0.00	0.00

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
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 A4BZ5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 02:33:38 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	181812	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.440	136	745486	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.292	164	483675	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.104	188	1043866	20.000	ng/ul	-0.02
79) Chrysene-d12	21.557	240	991868	20.000	ng/ul	-0.02
88) Perylene-d12	24.863	264	1207215	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	10333	2.586	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.905	99	194804	13.142	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	133012	14.807	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	174923	14.323	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	135340	10.994	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	85462	14.760	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	93471	14.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	167493m	13.977	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.622	131	49149m	3.096	ng/ul	0.02
46) Dimethylphthalate-d6	13.704	166	526880	14.985	ng/ul	-0.01
49) Acenaphthylene-d8	13.987	160	620870	15.726	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.604	143	46348m	9.265	ng/ul	0.00
60) Fluorene-d10	15.304	176	480932	16.673	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.463	200	46958	7.435	ng/ul	-0.02
73) Anthracene-d10	17.210	188	729380	15.732	ng/ul	-0.02
81) Pyrene-d10	19.592	212	830518	13.544	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.633	264	708433	11.899	ng/ul	-0.05
Target Compounds						
					Qvalue	
72) Phenanthrene	17.151	178	597914	11.041	ng/ul	99
74) Anthracene	17.245	178	102947	1.865	ng/ul	98
77) Carbazole	17.539	167	57969	1.285	ng/ul	98
80) Fluoranthene	19.239	202	1438279	19.422	ng/ul	99
82) Pyrene	19.622	202	1070734	14.209	ng/ul	99
85) Benzo(a)anthracene	21.539	228	626274	9.014	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	294570	6.519	ng/ul	98
87) Chrysene	21.604	228	743169	11.511	ng/ul	98
90) Benzo(b)fluoranthene	23.815	252	1071048	14.620	ng/ul	97
91) Benzo(k)fluoranthene	23.874	252	349606m	4.782	ng/ul	
93) Benzo(a)pyrene	24.704	252	405879	5.863	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.621	276	434793	4.874	ng/ul	99
95) Dibenzo(a,h)anthracene	28.668	278	133398m	1.806	ng/ul	

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

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

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