

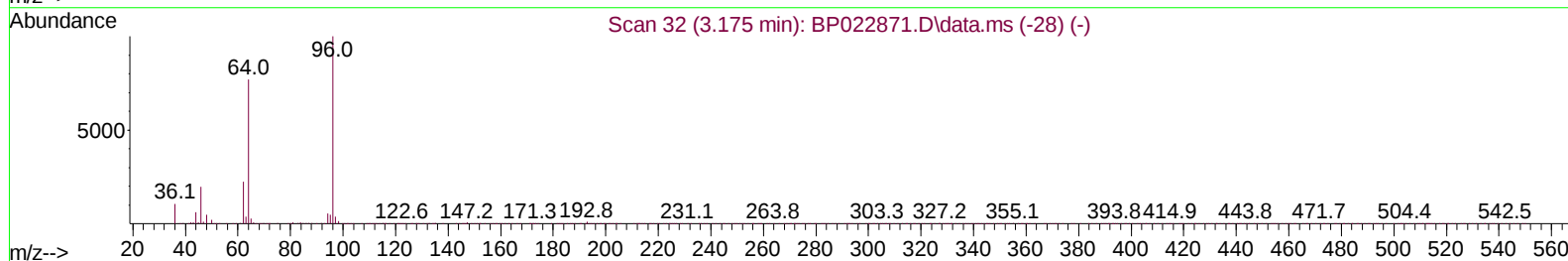
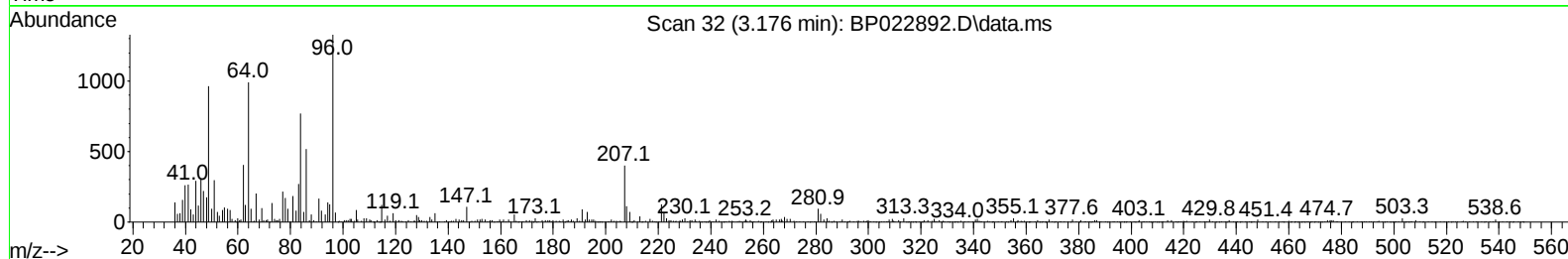
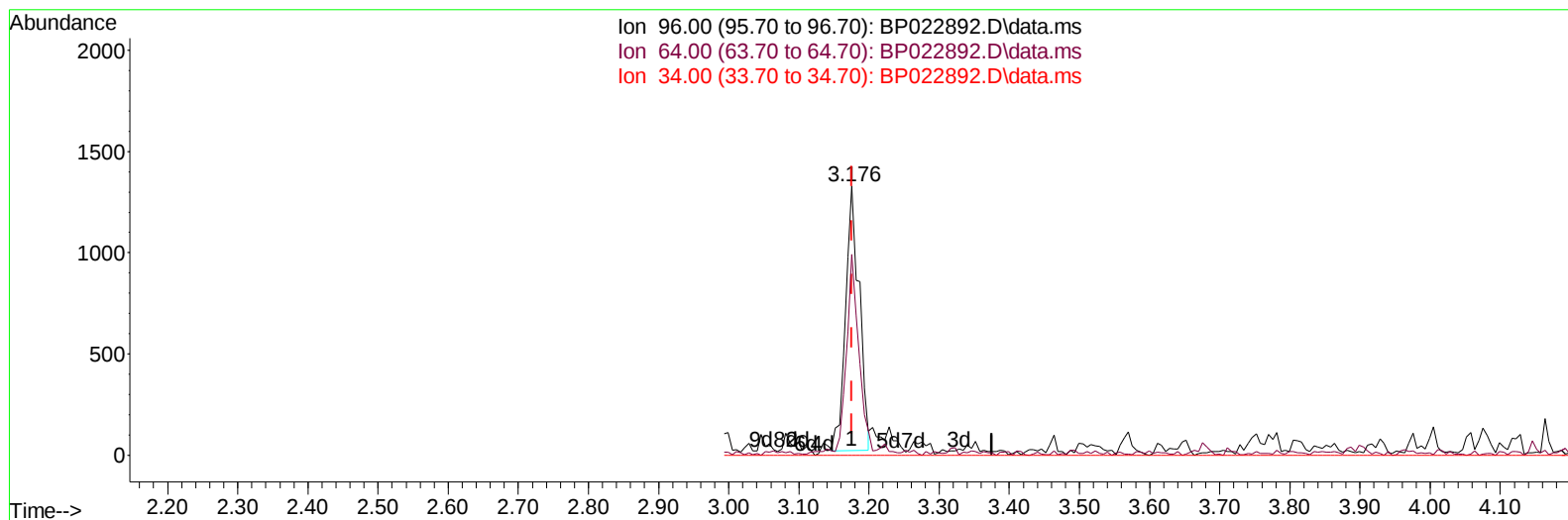
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022892.D
Acq On : 06 Nov 2024 13:50
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 06 23:57:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022892.D\data.ms

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

3.176min (+ 0.000) 0.70 ng/uL

response 1779

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	74.72
34.00	0.00	0.00
0.00	0.00	0.00

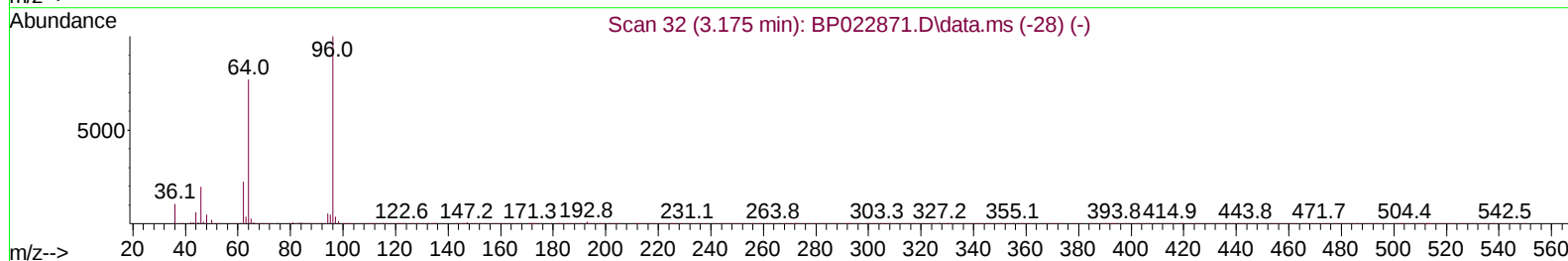
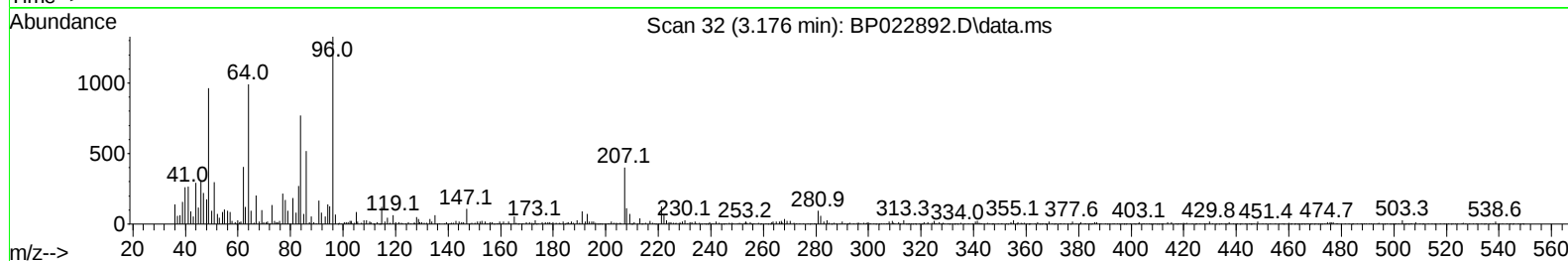
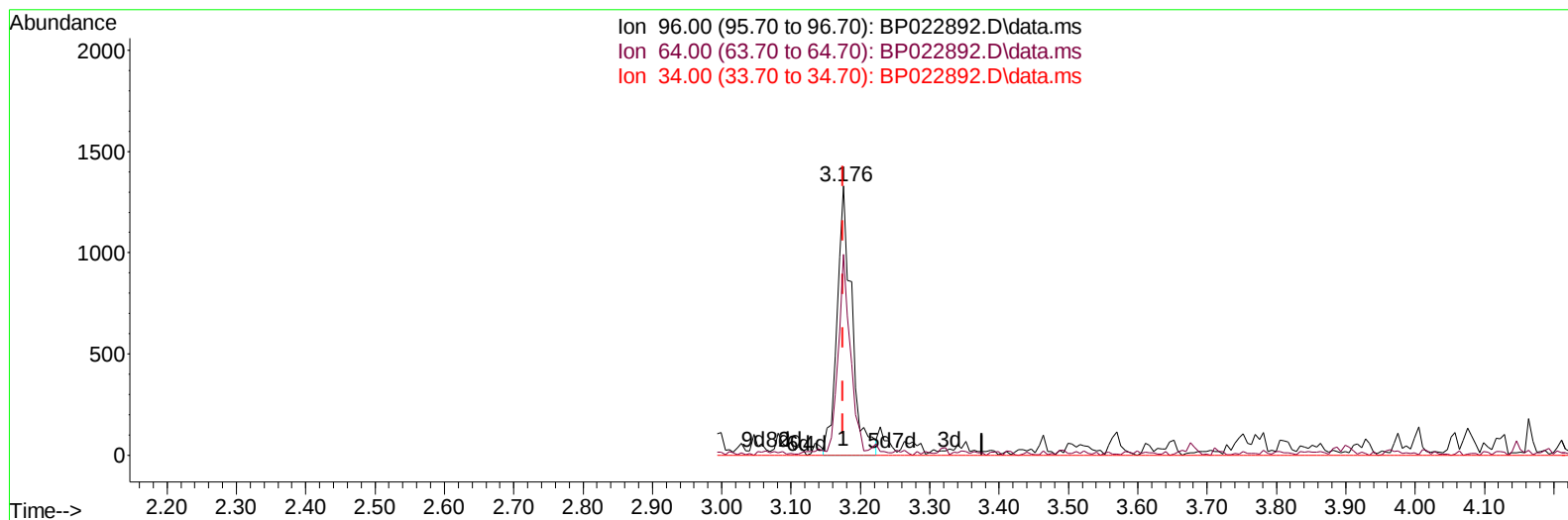
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP022892.D\data.ms

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

3.176min (+ 0.000) 0.78 ng/uL m

response 1990

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	74.72
34.00	0.00	0.00
0.00	0.00	0.00

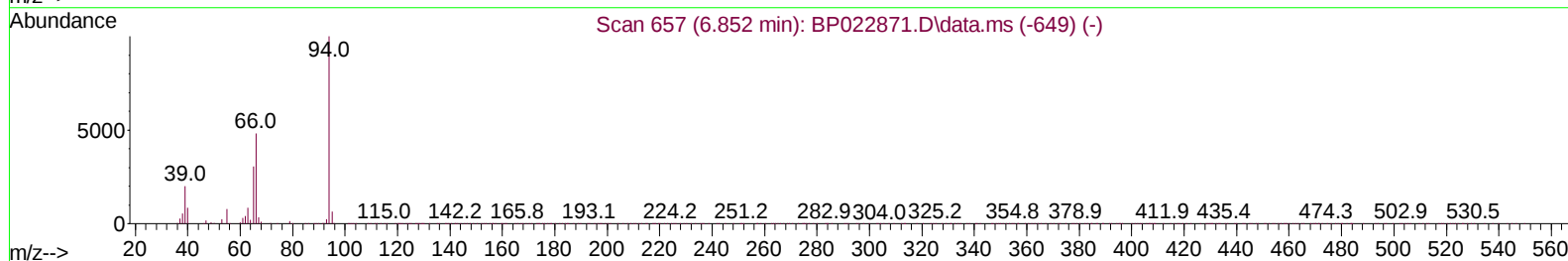
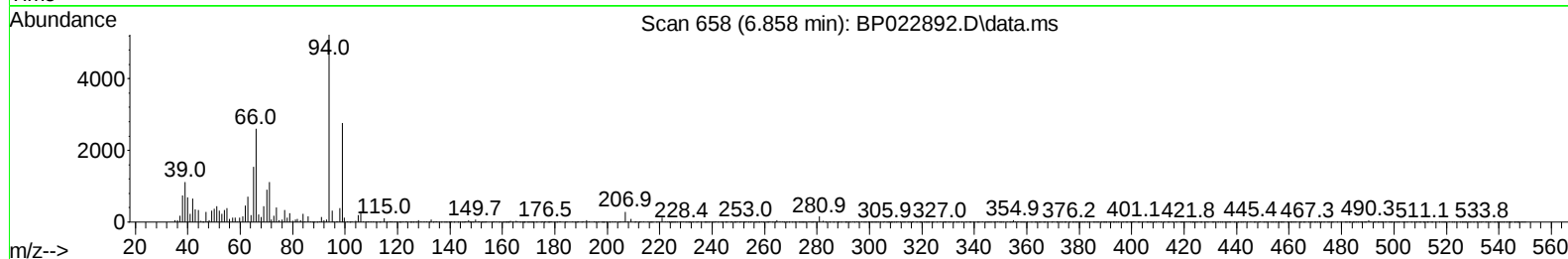
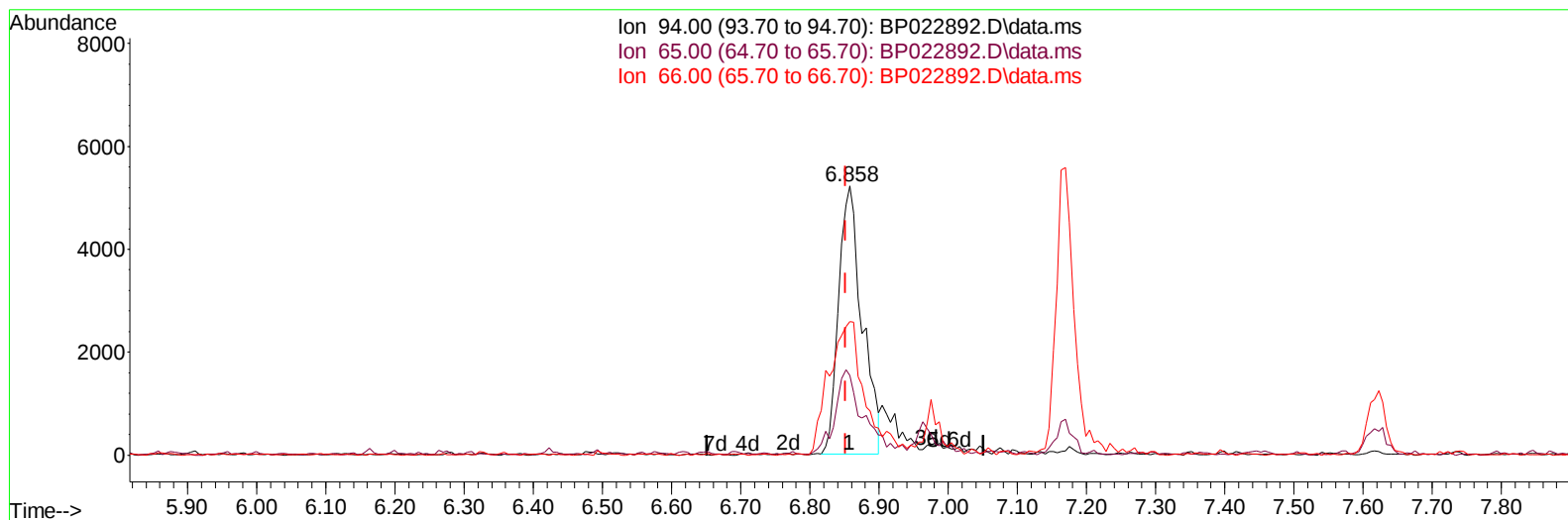
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/07/2024
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TIC: BP022892.D\data.ms

(8) Phenol

6.858min (+ 0.006) 1.42 ng/u1

response 12329

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.40	29.65
66.00	47.00	49.73
0.00	0.00	0.00

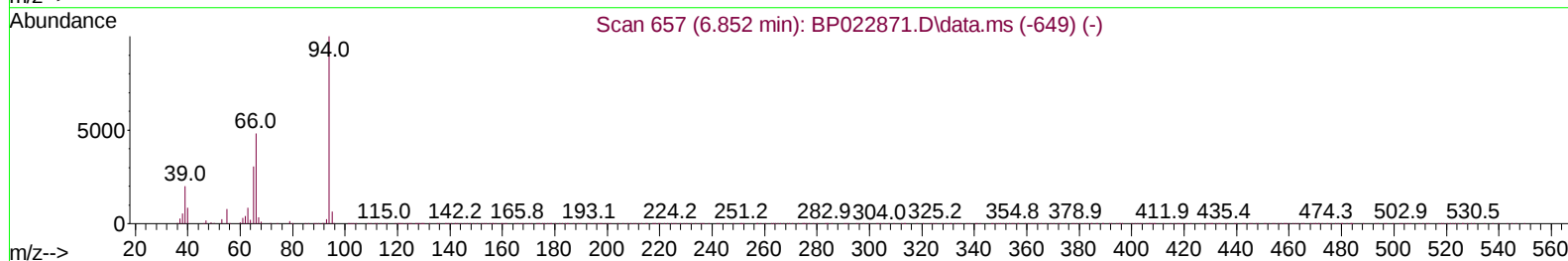
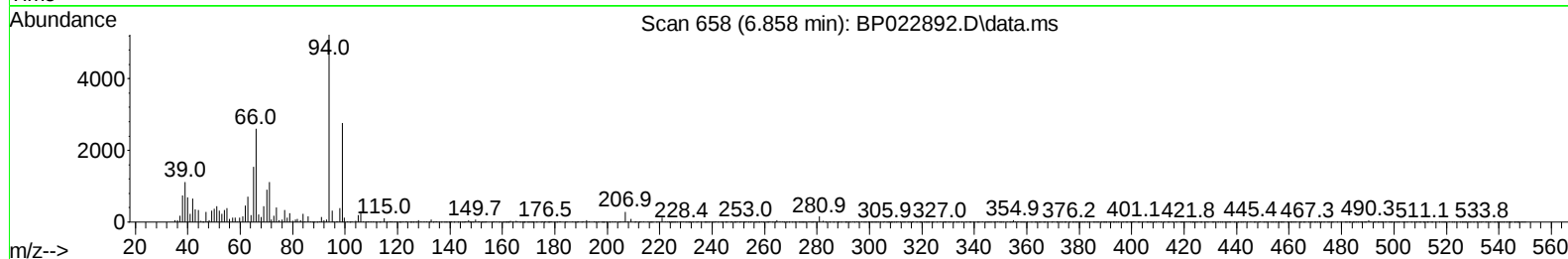
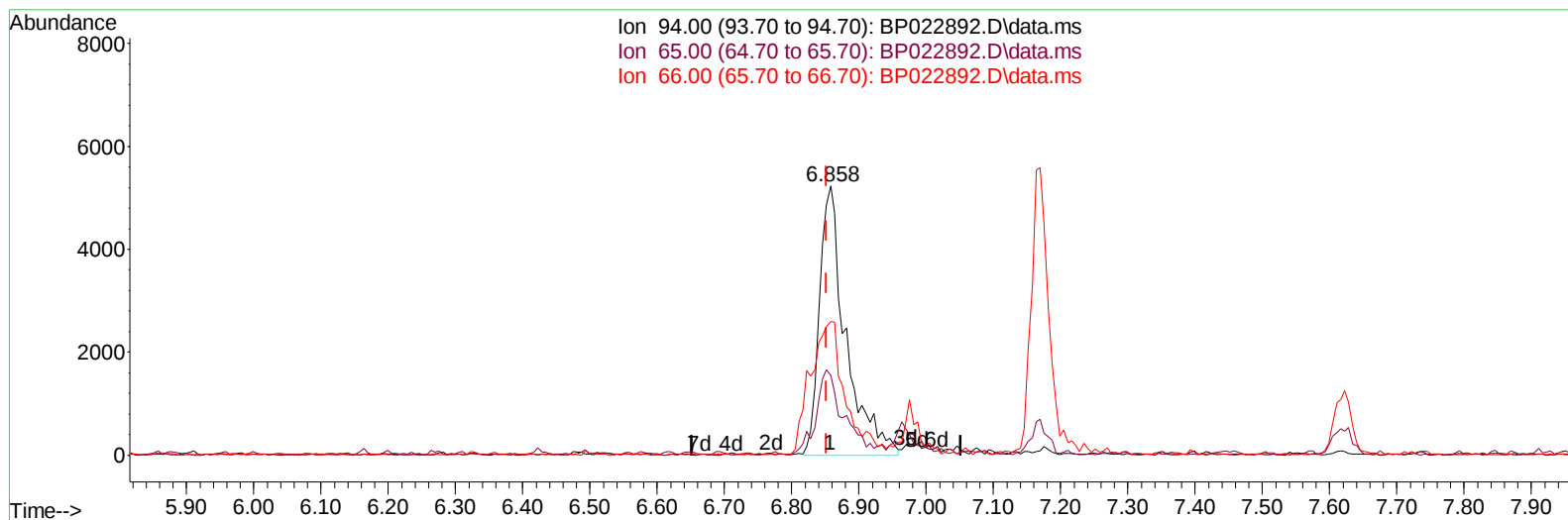
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022892.D
Acq On : 06 Nov 2024 13:50
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 06 23:57:12 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
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Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022892.D\data.ms

(8) Phenol

6.858min (+ 0.006) 1.63 ng/u1 m

response 14149

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.40	29.65
66.00	47.00	49.73
0.00	0.00	0.00

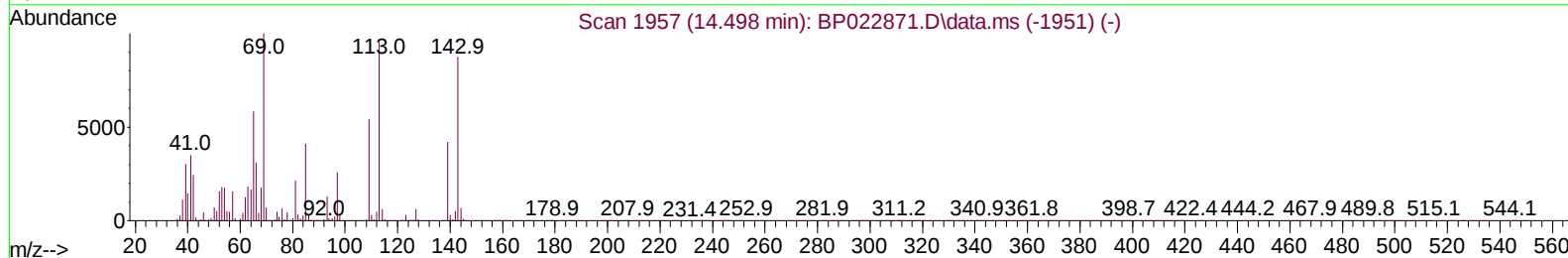
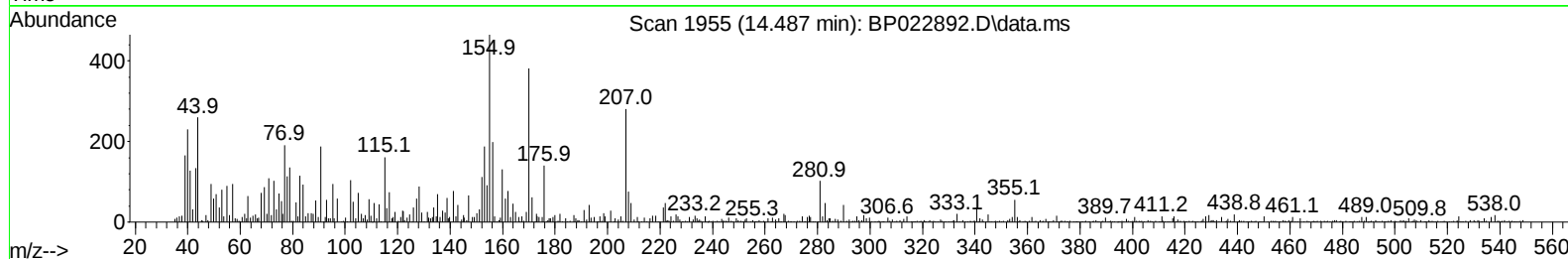
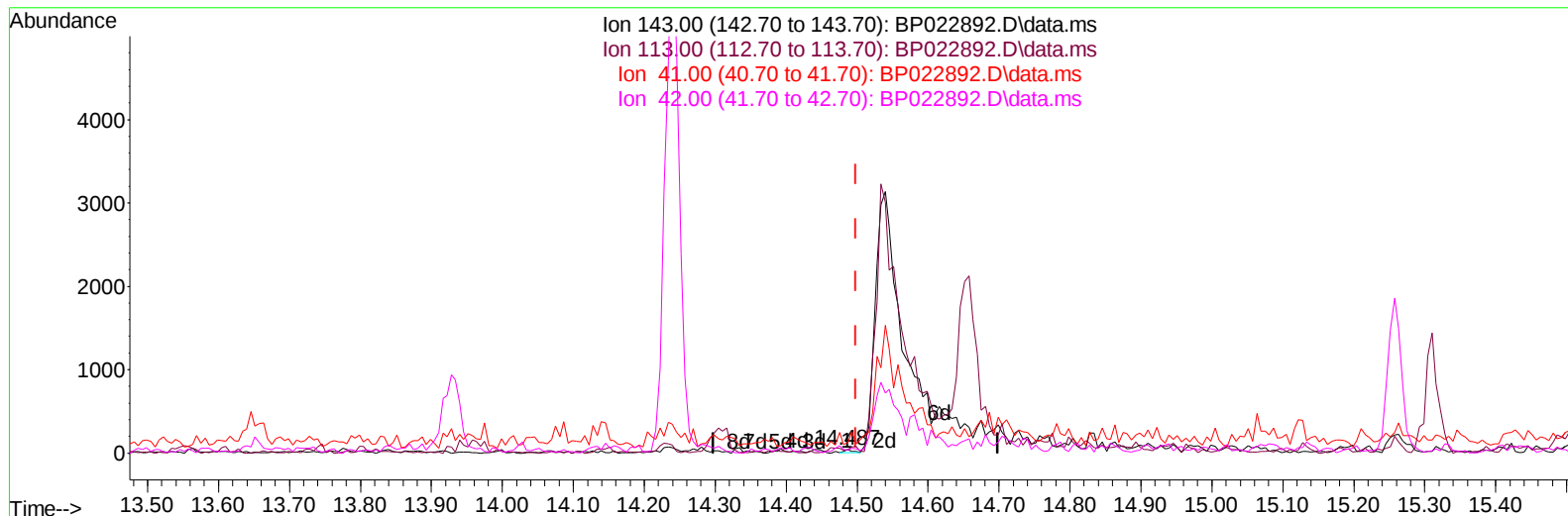
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 06 23:57:12 2024
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Reviewed By :Yogesh Patel 11/07/2024
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TIC: BP022892.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.487min (-0.012) 0.01 ng/u1

response 29

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	106.98
41.00	35.90	297.67#
42.00	23.70	74.42#

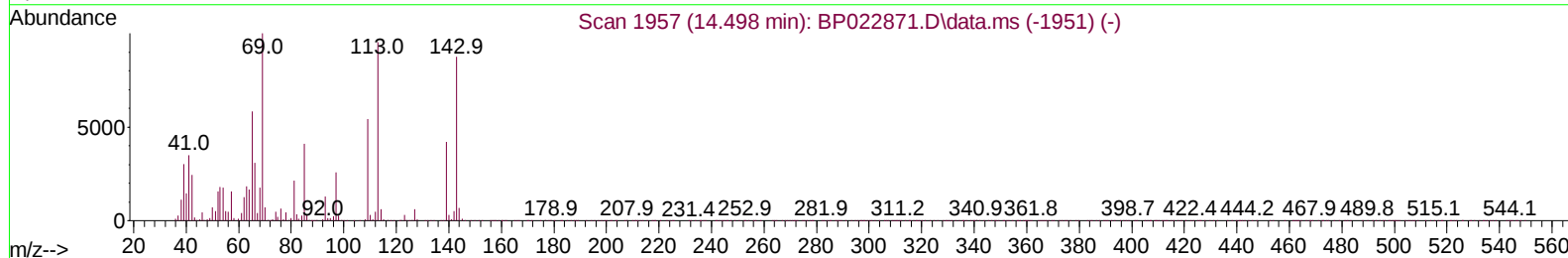
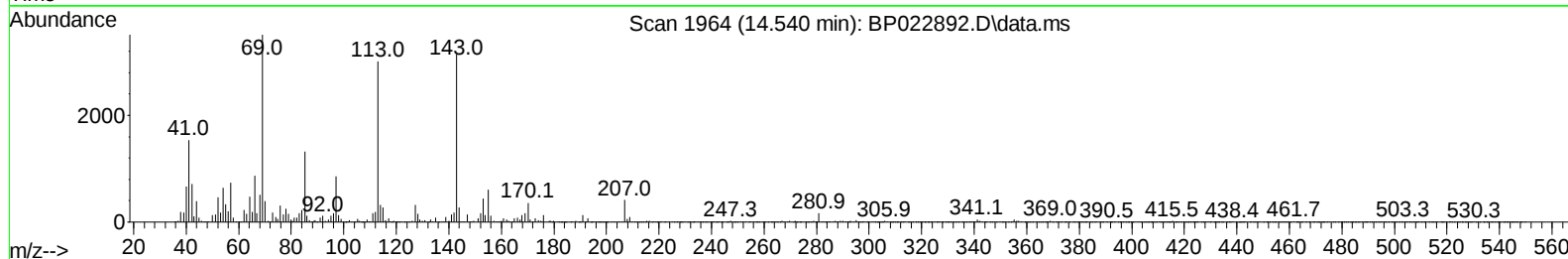
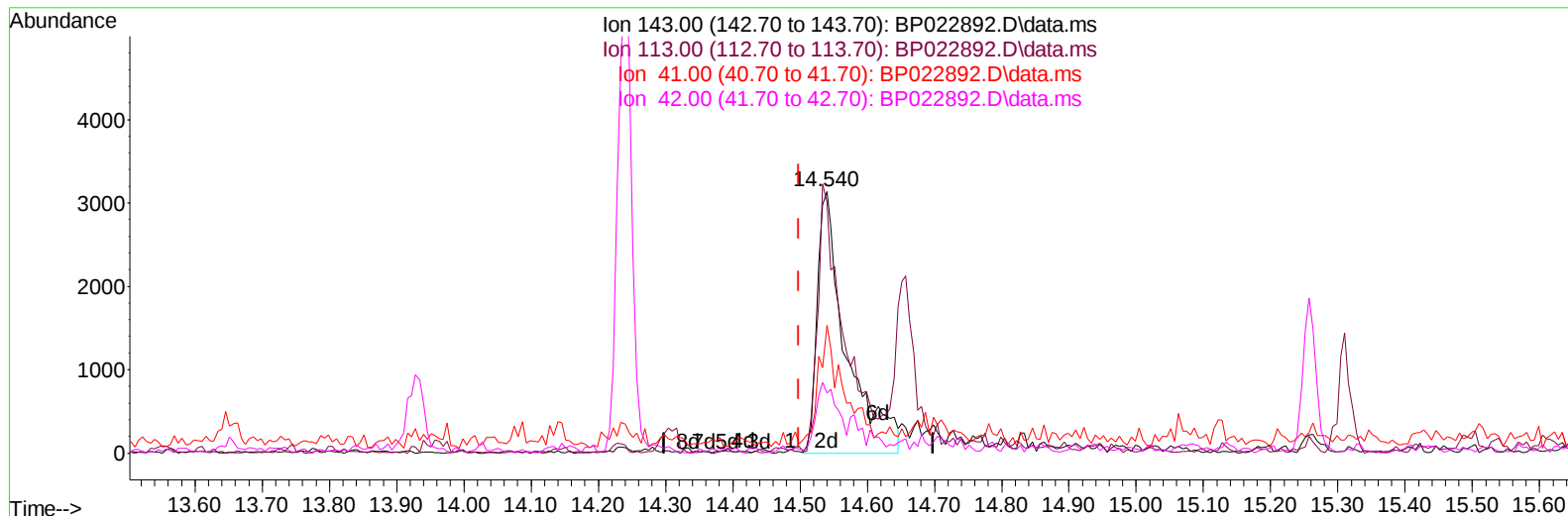
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022892.D
Acq On : 06 Nov 2024 13:50
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 06 23:57:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022892.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.540min (+ 0.041) 2.42 ng/ul m

response 9375

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	95.86
41.00	35.90	48.93#
42.00	23.70	22.89

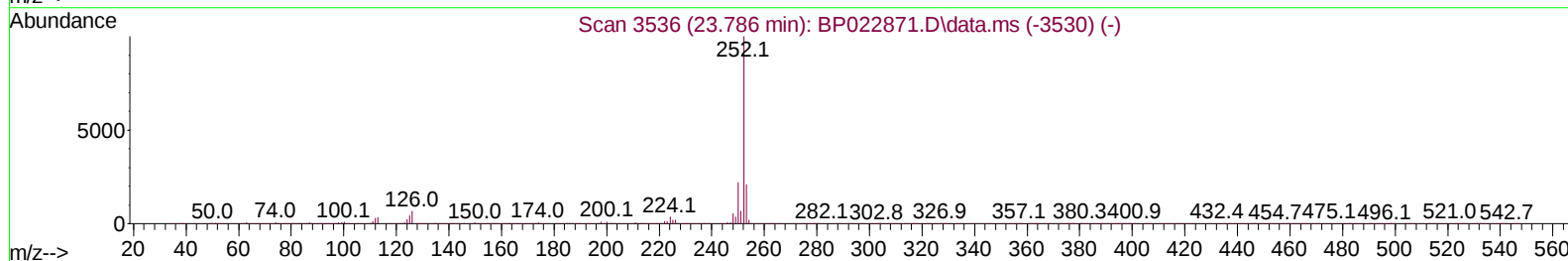
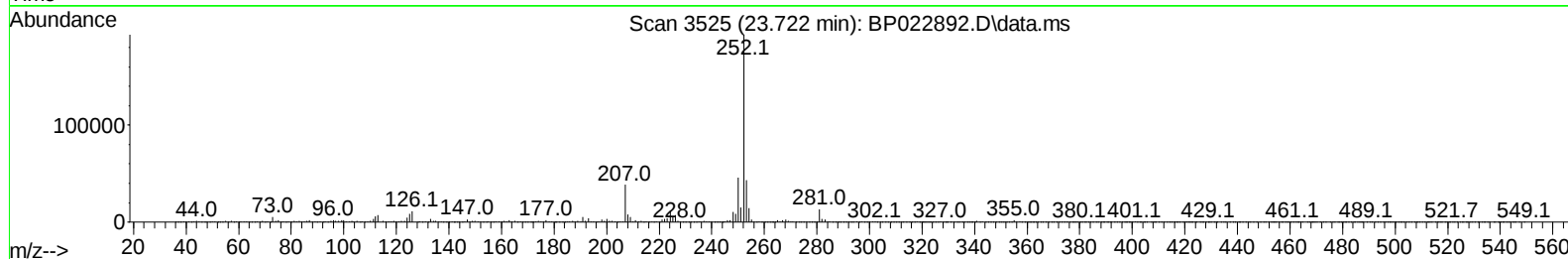
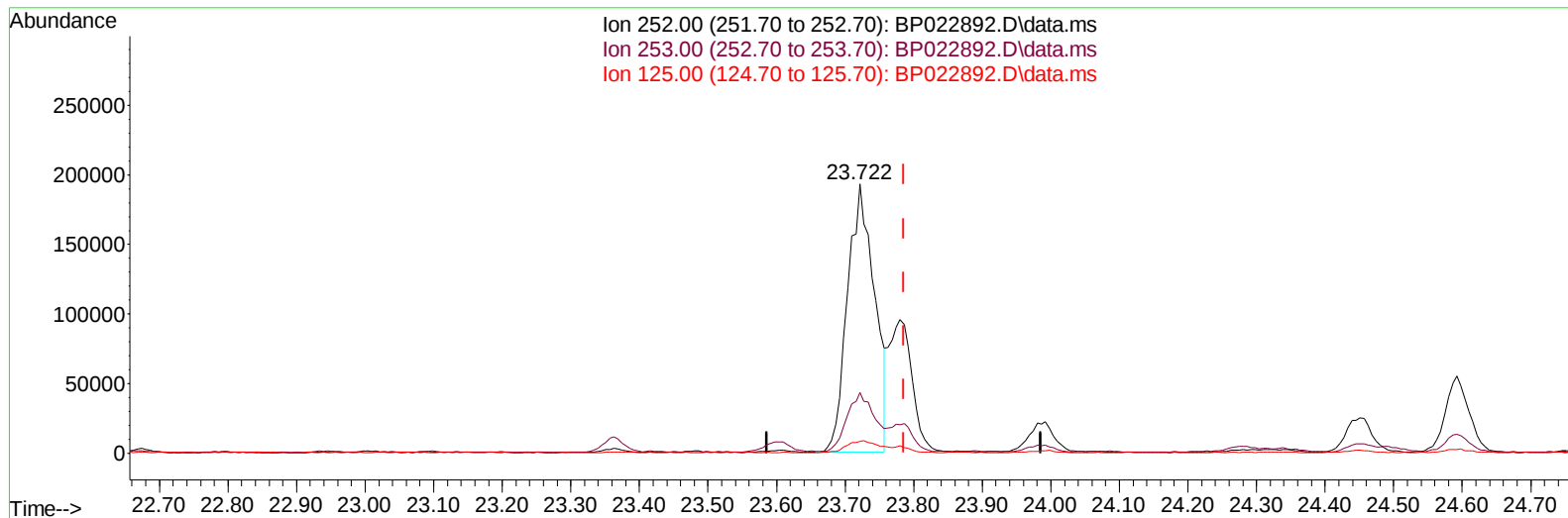
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022892.D
Acq On : 06 Nov 2024 13:50
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 06 23:57:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
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Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022892.D\data.ms

(91) Benzo(k)fluoranthene

23.722min (-0.064) 10.00 ng/u1

response 527840

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.50
125.00	5.70	4.48#
0.00	0.00	0.00

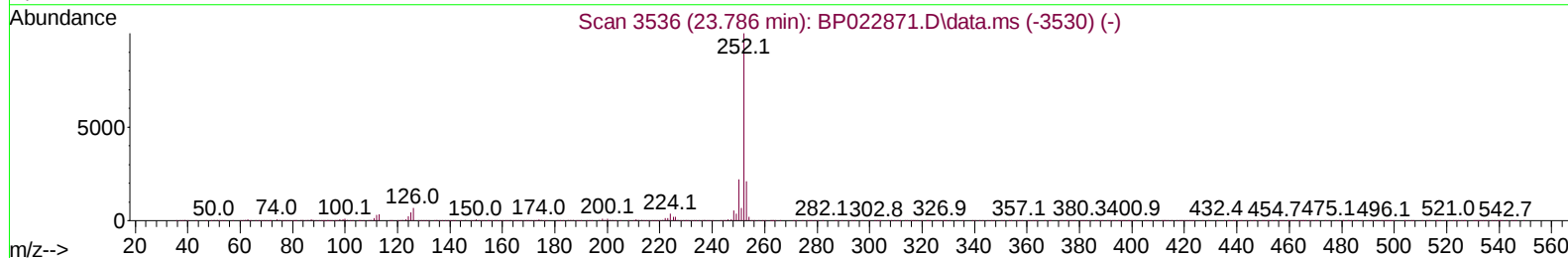
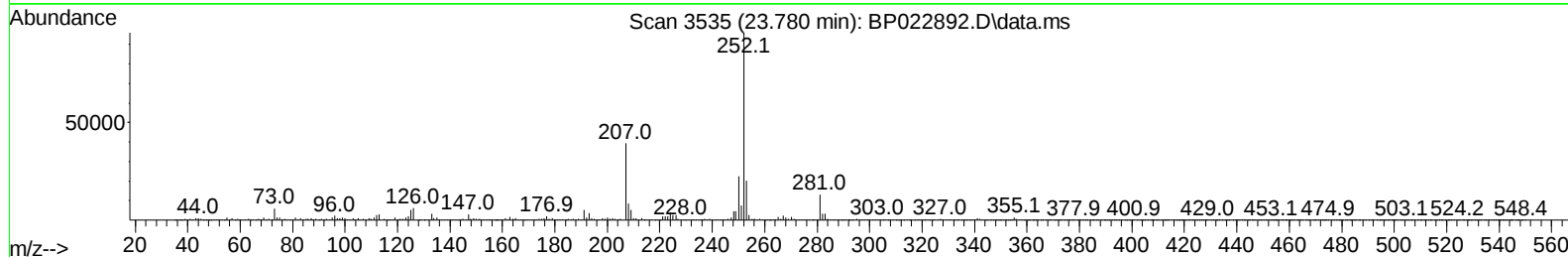
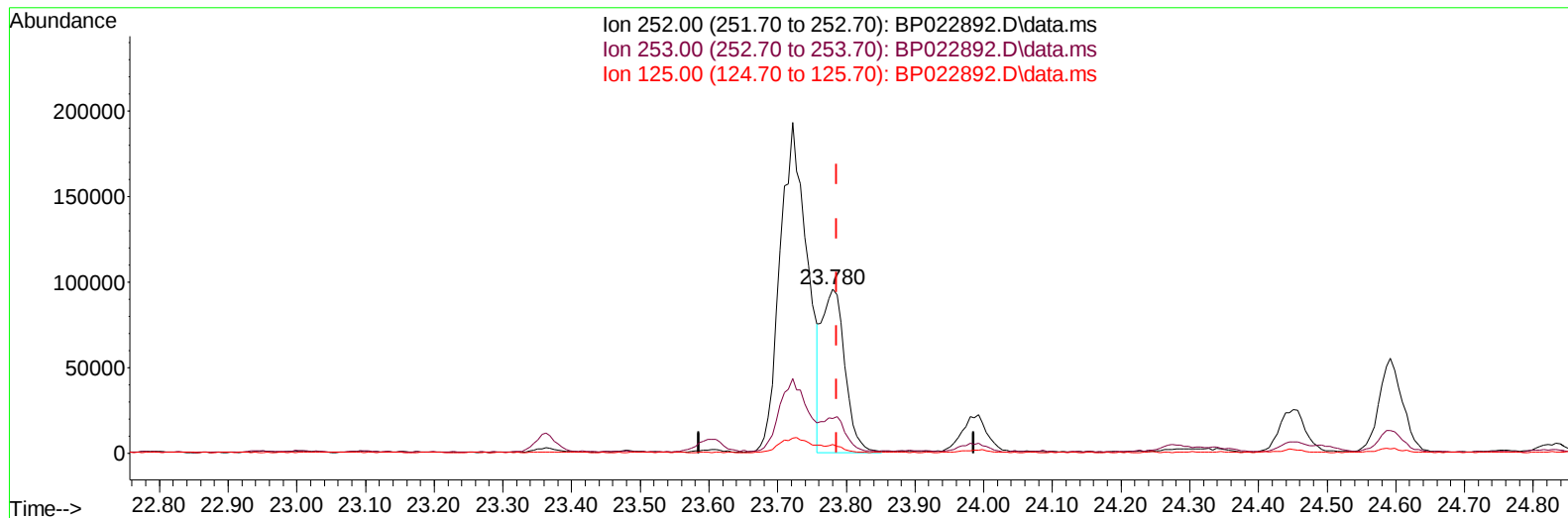
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022892.D
Acq On : 06 Nov 2024 13:50
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 06 23:57:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022892.D\data.ms

(91) Benzo(k)fluoranthene

23.780min (-0.006) 4.26 ng/u1 m

response 224607

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.18
125.00	5.70	5.44
0.00	0.00	0.00

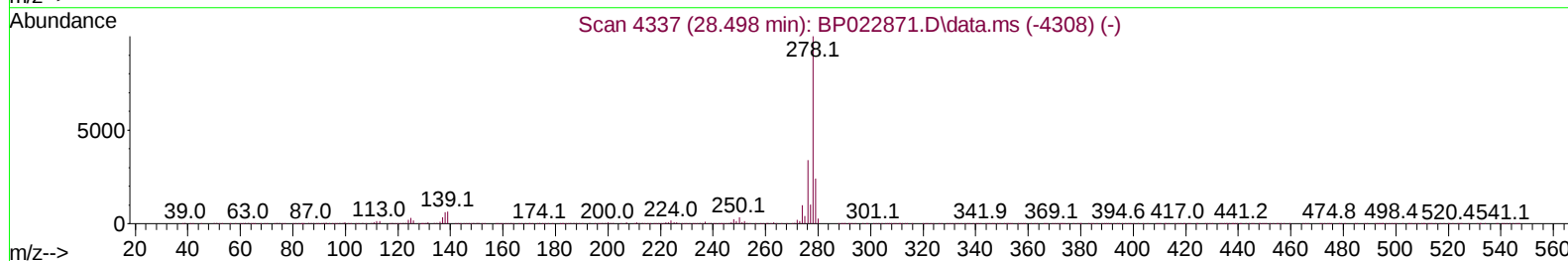
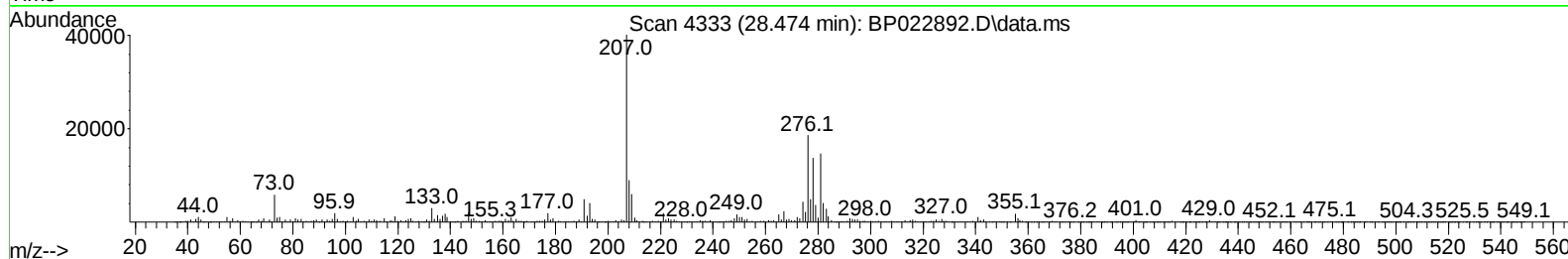
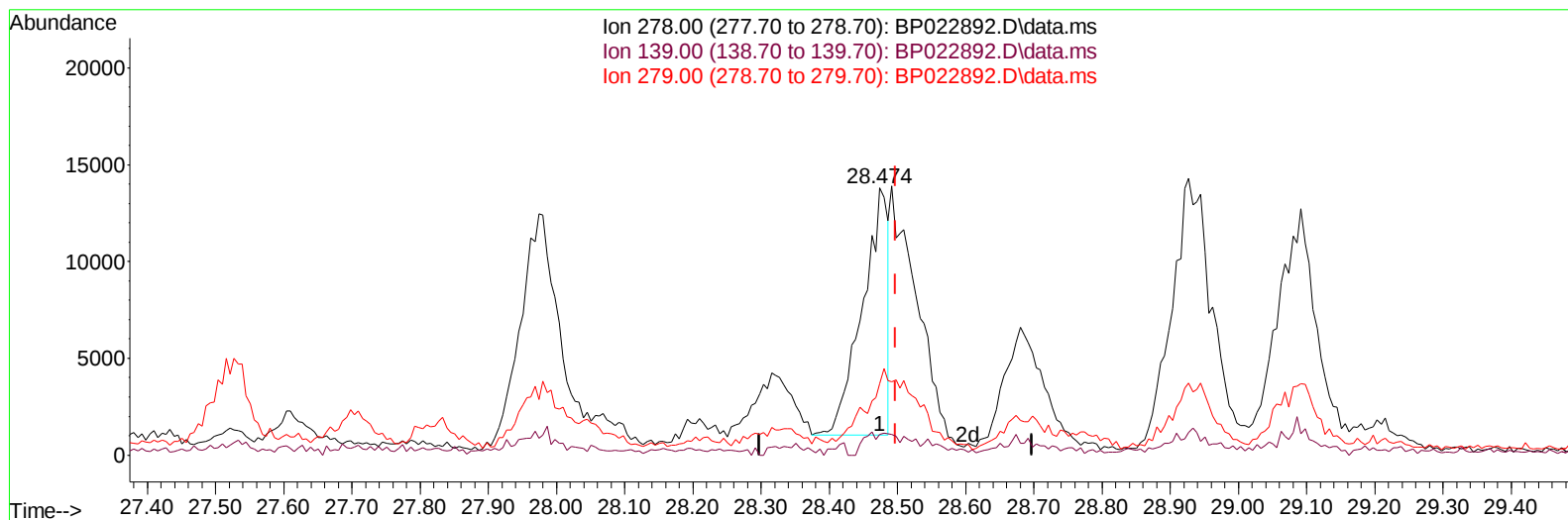
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
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Acq On : 06 Nov 2024 13:50
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:00:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022892.D\data.ms

(95) Dibenzo(a,h)anthracene

28.474min (-0.023) 0.62 ng/u1

response 33389

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	7.78
279.00	23.70	26.68
0.00	0.00	0.00

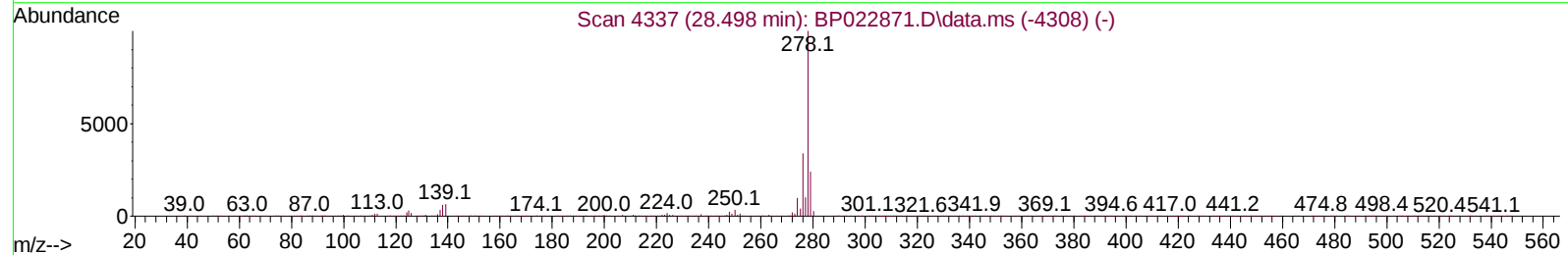
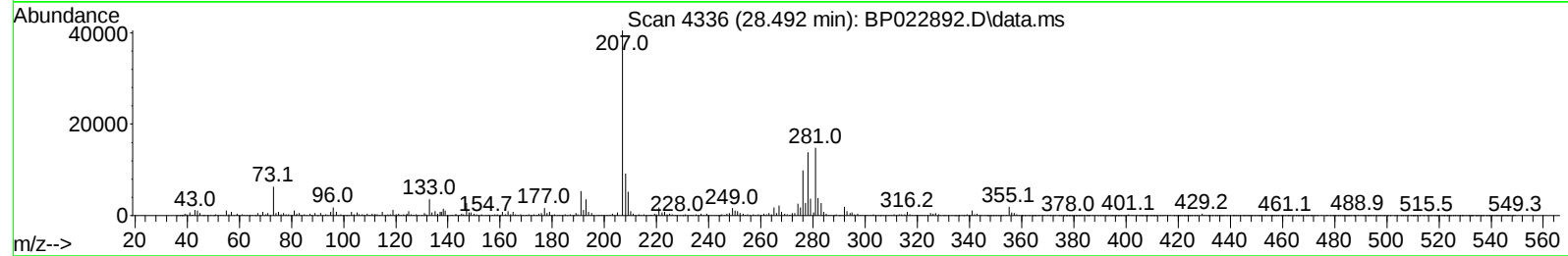
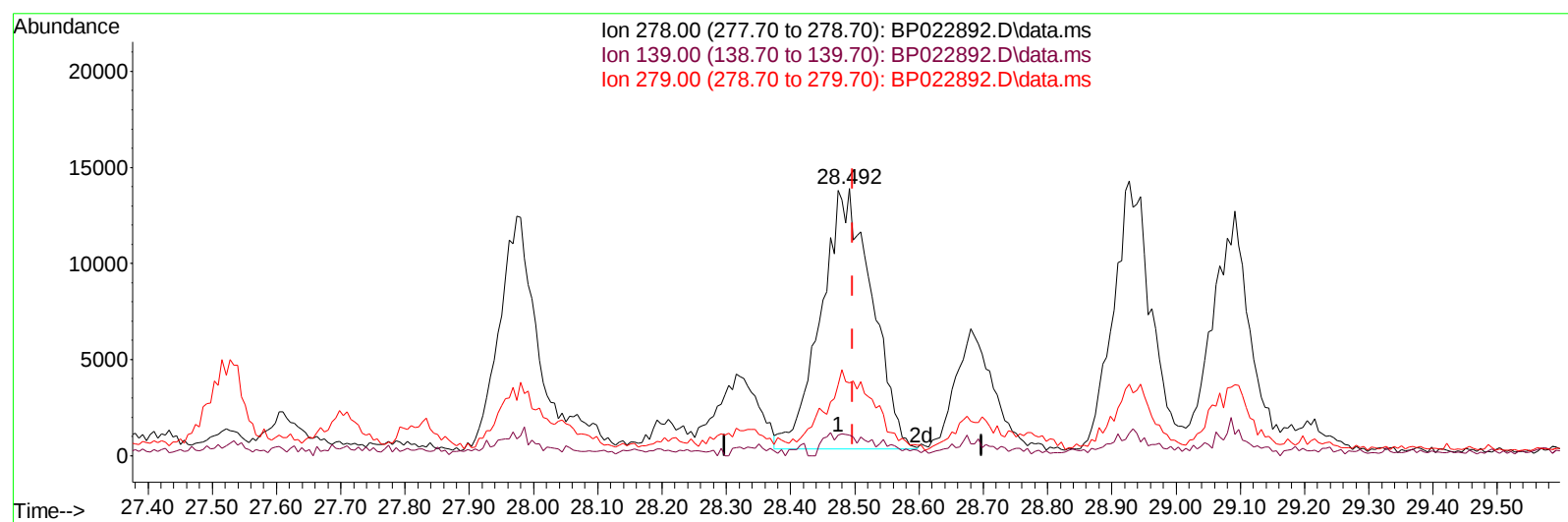
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Acq On : 06 Nov 2024 13:50
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:00:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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Supervised By :mohammad ahmed 11/08/2024



TIC: BP022892.D\data.ms

(95) Dibenzo(a,h)anthracene

28.492min (-0.006) 1.39 ng/u1 m

response 74758

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	7.61
279.00	23.70	27.18
0.00	0.00	0.00

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 Operator : RC/JU
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 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:01:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 00:31:03 2024
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Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152		99209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136		387112	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.240	164		290829	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188		689095	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240		706103	20.000	ng/ul	0.00
88) Perylene-d12	24.751	264		856311	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.176	96		1990m	0.779	ng/uL	0.00
4) Pyridine-d5	3.599	84		11778	1.681	ng/ul	0.01
7) Phenol-d5	6.822	99		39009	4.671	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67		23170	4.721	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132		30121	5.083	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113		26742	4.013	ng/ul	0.00
21) Nitrobenzene-d5	8.763	128		14842	4.986	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143		17458	5.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165		35761	4.883	ng/ul	0.01
31) 4-Chloroaniline-d4	10.540	131		18514	2.139	ng/ul	0.01
46) Dimethylphthalate-d6	13.651	166		125085	5.413	ng/ul	-0.01
49) Acenaphthylene-d8	13.928	160		129934	5.294	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143		9375m	2.418	ng/ul	0.04
60) Fluorene-d10	15.257	176		116703	5.823	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200		3362	0.742	ng/ul	0.01
73) Anthracene-d10	17.157	188		173063	5.339	ng/ul	0.00
81) Pyrene-d10	19.545	212		148832	3.986	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.533	264		111342	2.435	ng/ul	0.00
Target Compounds							
						Qvalue	
8) Phenol	6.858	94		14149m	1.628	ng/ul	
16) Acetophenone	8.434	105		74328	6.755	ng/ul	96
30) Naphthalene	10.422	128		33647	1.632	ng/ul	96
52) Acenaphthene	14.310	153		49642	2.756	ng/ul	94
56) Dibenzofuran	14.657	168		56164	2.076	ng/ul	98
61) Fluorene	15.310	166		67807	3.076	ng/ul	98
72) Phenanthrene	17.092	178		955475	25.917	ng/ul	99
74) Anthracene	17.192	178		152433	4.143	ng/ul	99
77) Carbazole	17.475	167		71389	2.193	ng/ul	97
80) Fluoranthene	19.198	202		1158527	26.988	ng/ul#	96
82) Pyrene	19.575	202		518325	11.266	ng/ul	98
85) Benzo(a)anthracene	21.469	228		470621	9.507	ng/ul	99
87) Chrysene	21.539	228		444911	9.693	ng/ul	97
90) Benzo(b)fluoranthene	23.722	252		527840	9.793	ng/ul#	99
91) Benzo(k)fluoranthene	23.780	252		224607m	4.256	ng/ul	
93) Benzo(a)pyrene	24.592	252		131176	2.644	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.445	276		133131	2.011	ng/ul	98
95) Dibenzo(a,h)anthracene	28.492	278		74758m	1.395	ng/ul	

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

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Data File : BP022892.D
Acq On : 06 Nov 2024 13:50
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:01:52 2024
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Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

