

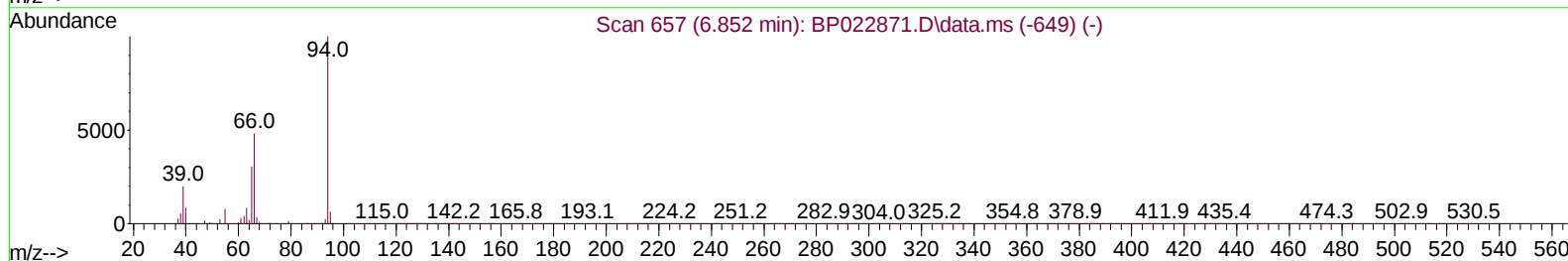
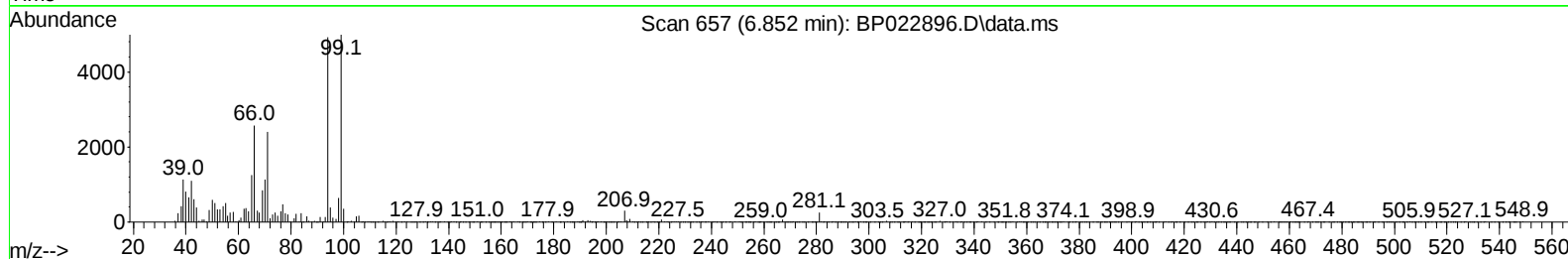
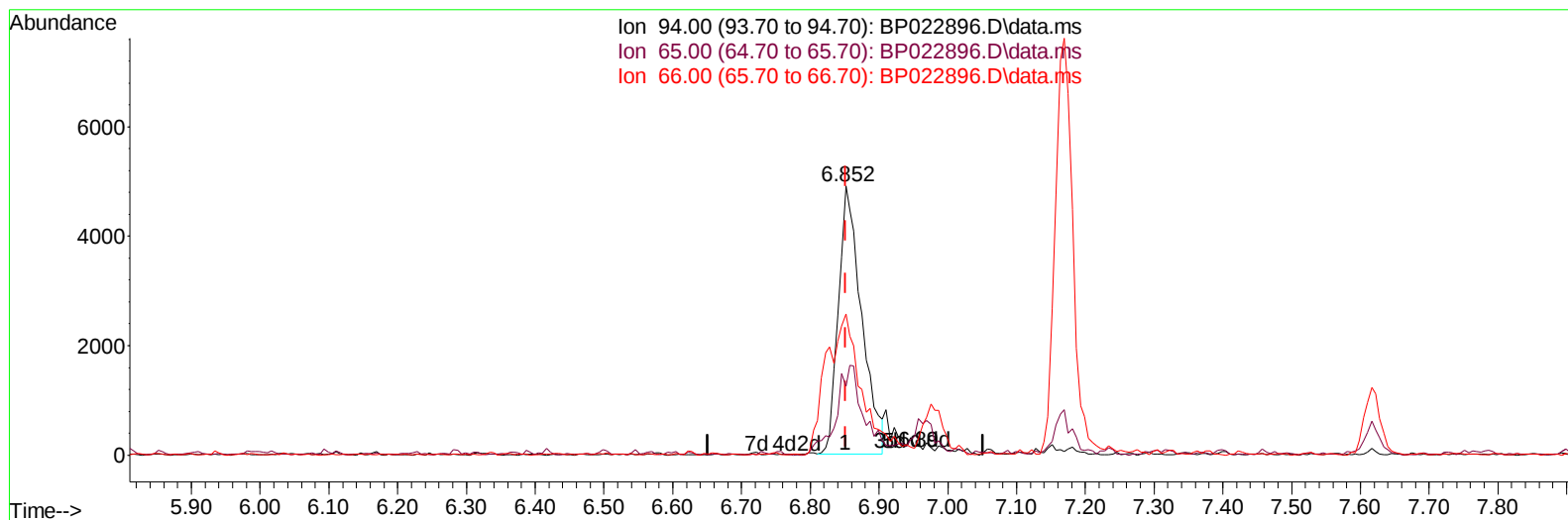
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:31:31 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: BP022896.D\data.ms

(8) Phenol

6.852min (-0.000) 1.57 ng/u1

response 11512

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.40	25.49#
66.00	47.00	52.40
0.00	0.00	0.00

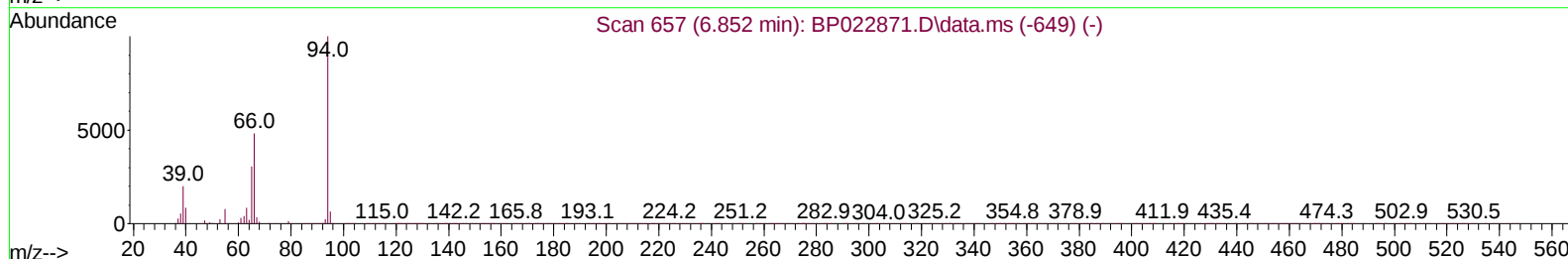
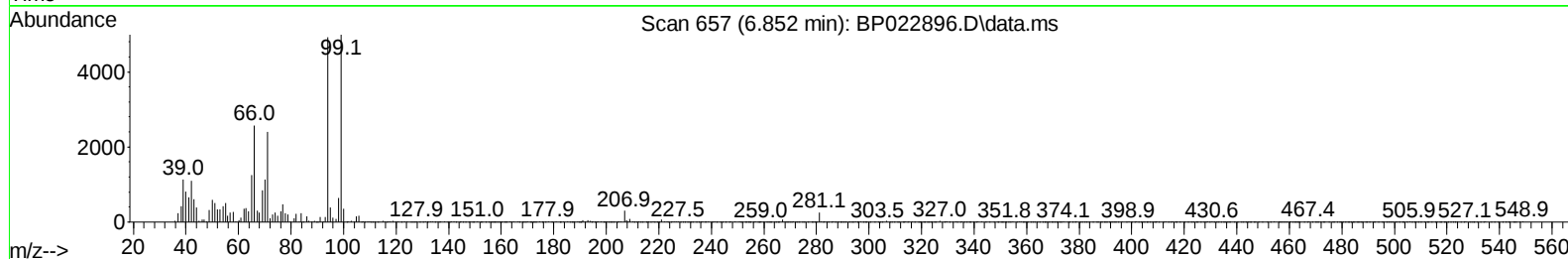
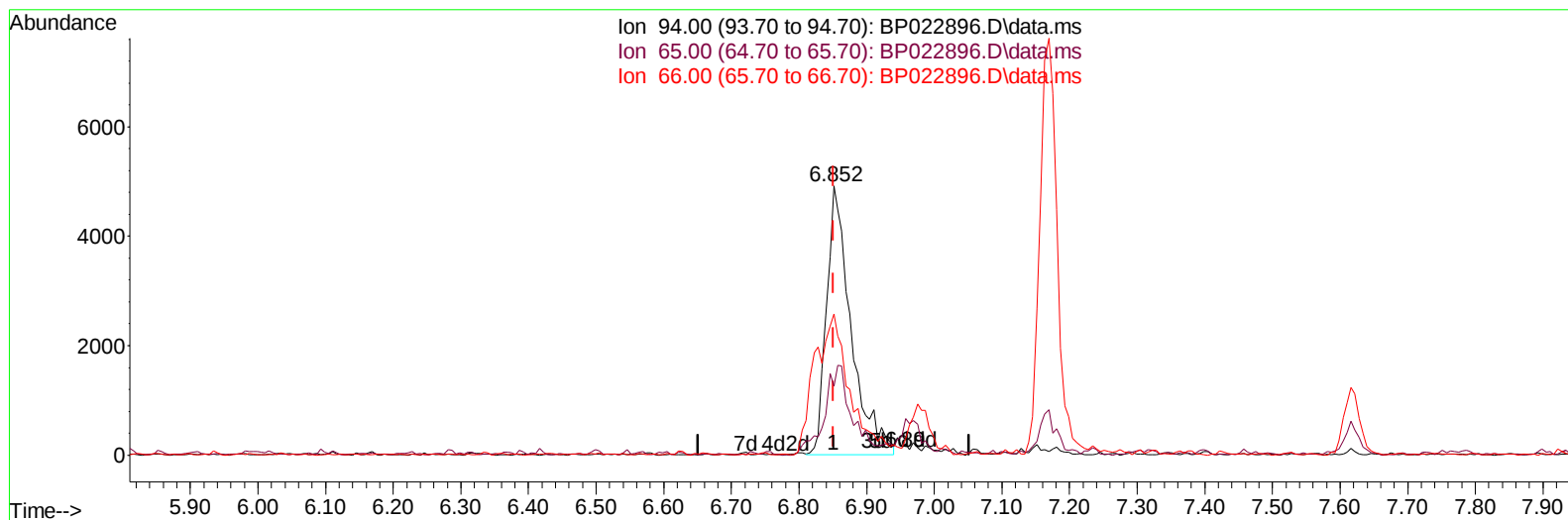
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:31:31 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: BP022896.D\data.ms

(8) Phenol

6.852min (-0.000) 1.68 ng/u1 m

response 12378

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.40	25.49#
66.00	47.00	52.40
0.00	0.00	0.00

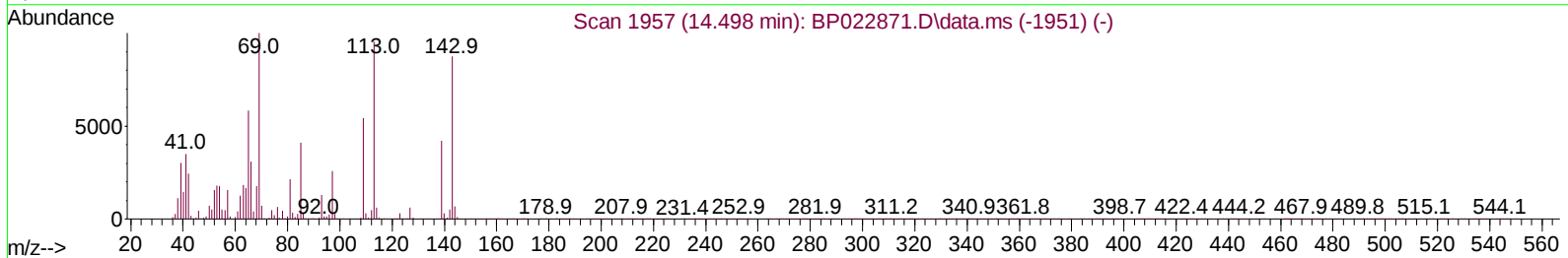
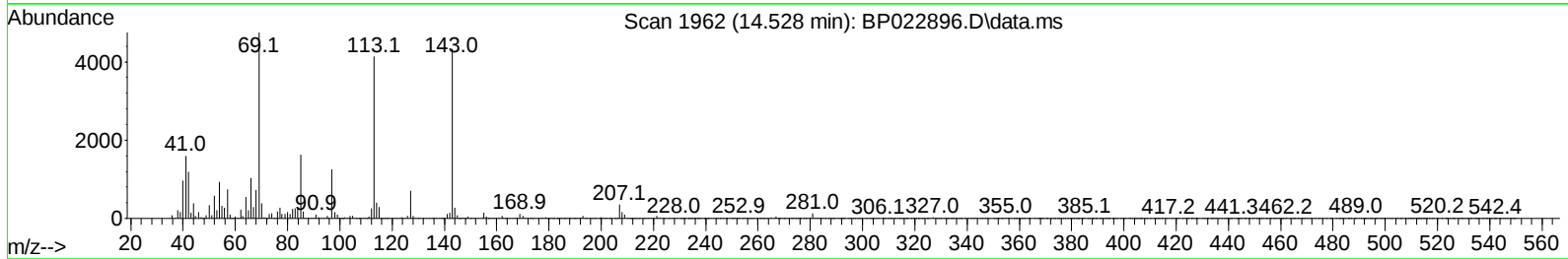
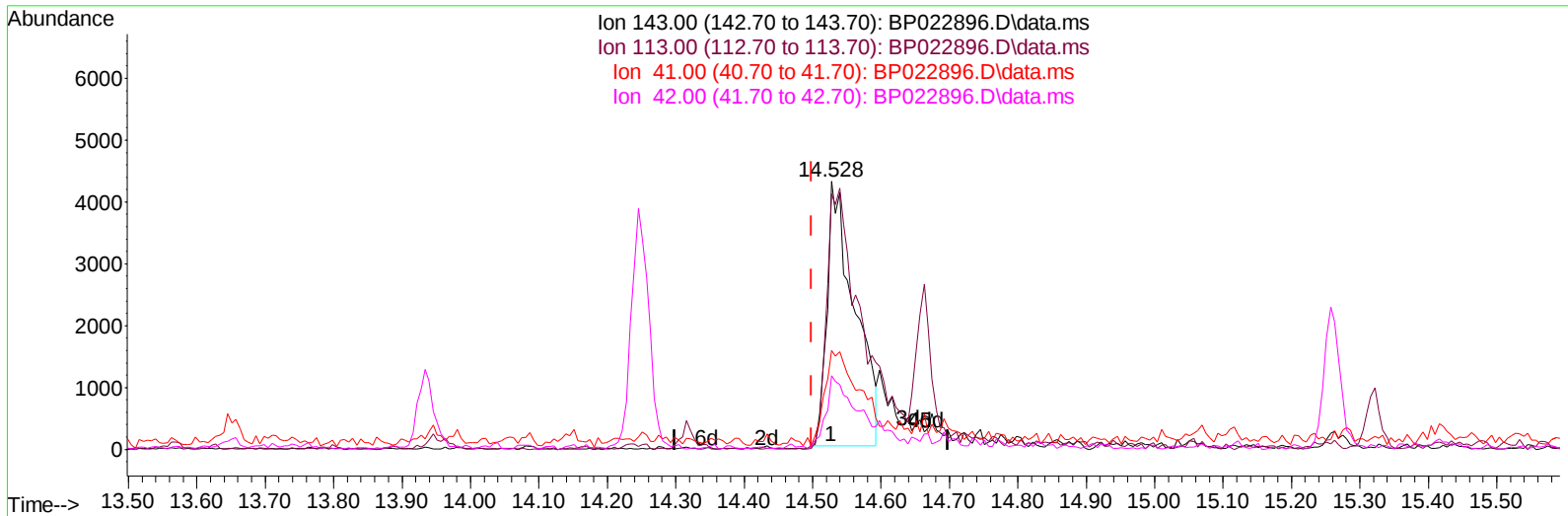
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/07/2024
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Quant Time: Nov 07 00:31:31 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



TIC: BP022896.D\data.ms

(54) 4-Nitrophenol-d4 (S)**14.528min (+ 0.029) 3.63 ng/u1****response 11956**

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	95.45
41.00	35.90	36.98
42.00	23.70	27.56

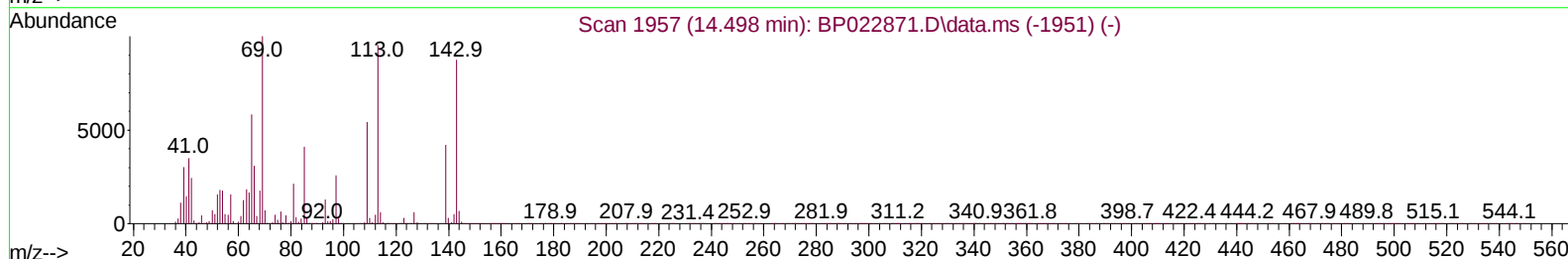
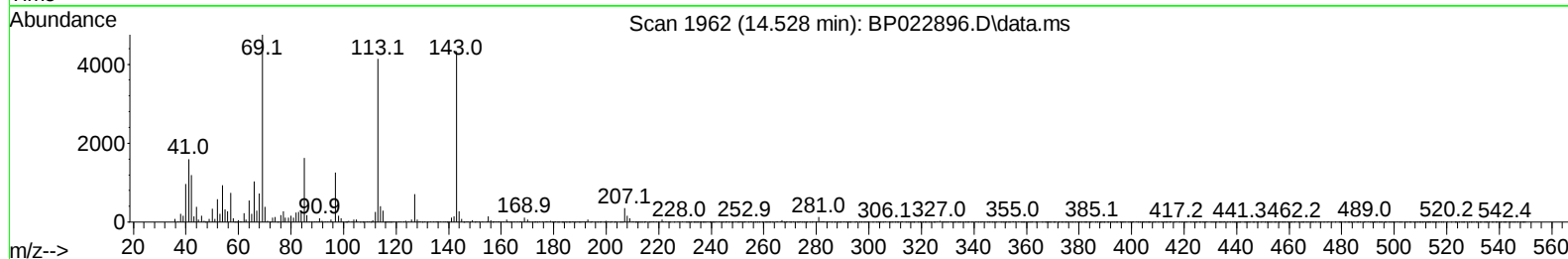
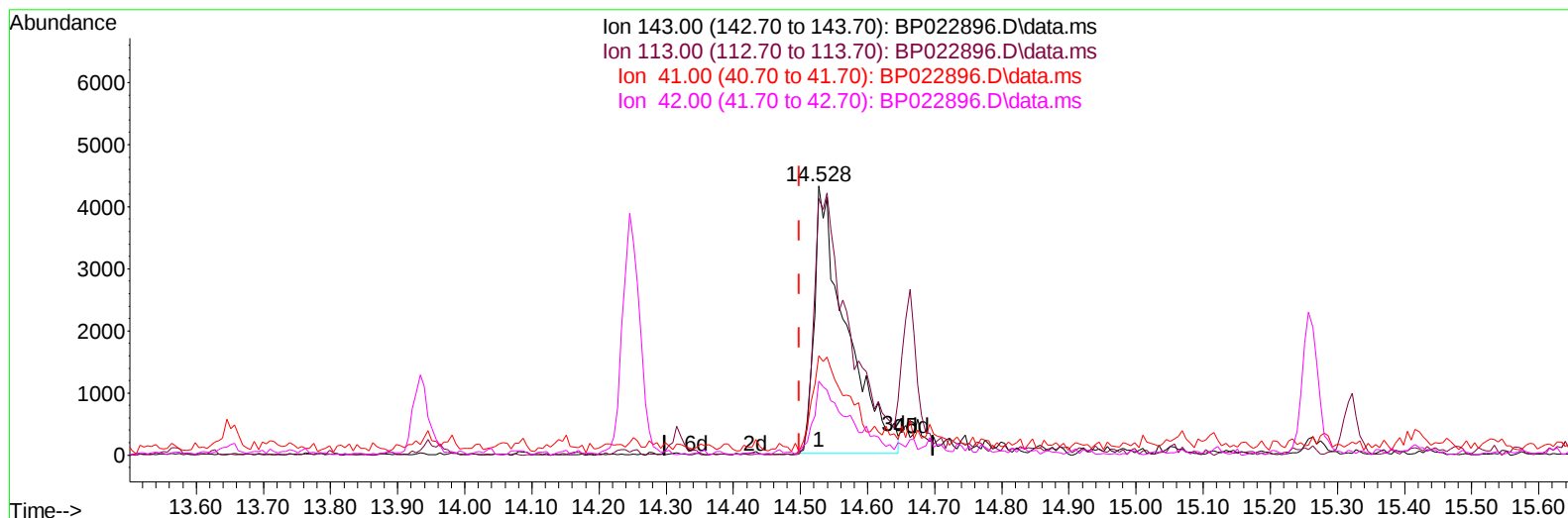
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022896.D
 Acq On : 06 Nov 2024 16:34
 Operator : RC/JU
 Sample : P4581-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:31:31 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: BP022896.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.528min (+ 0.029) 4.29 ng/ul m

response 14124

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	95.45
41.00	35.90	36.98
42.00	23.70	27.56

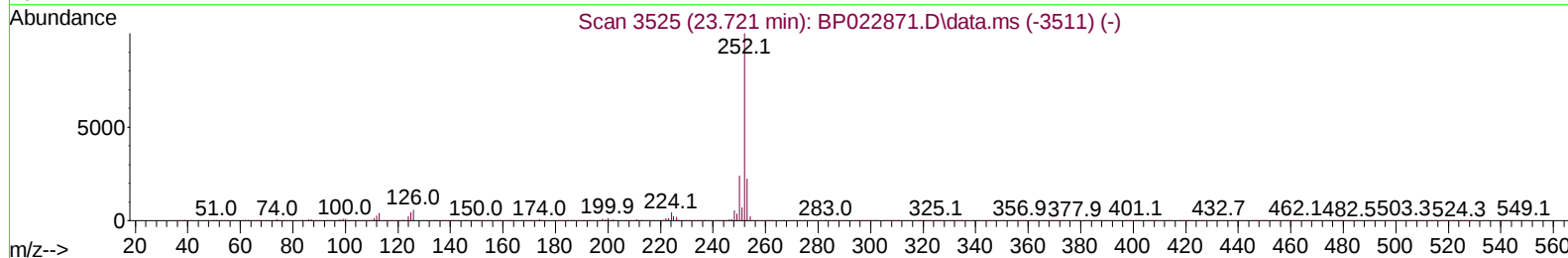
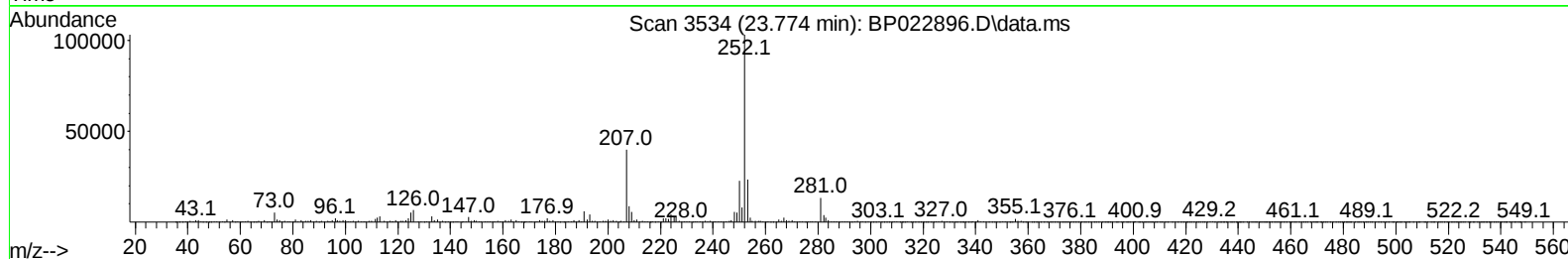
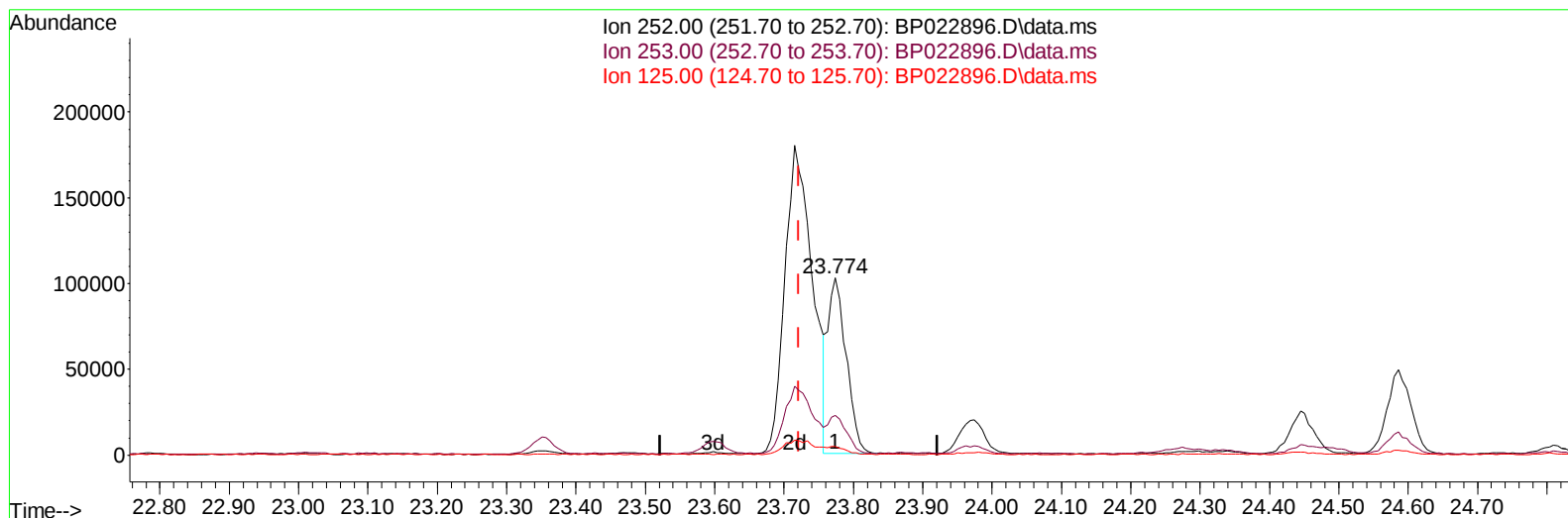
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:31:31 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
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Reviewed By :Yogesh Patel 11/07/2024
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TIC: BP022896.D\data.ms

(90) Benzo(b)fluoranthene

23.774min (+ 0.053) 4.25 ng/u1

response 187931

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.59
125.00	6.20	5.01
0.00	0.00	0.00

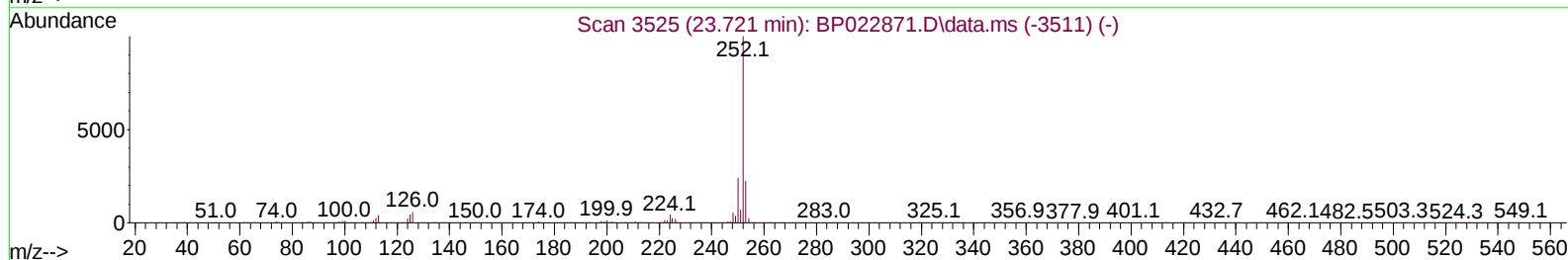
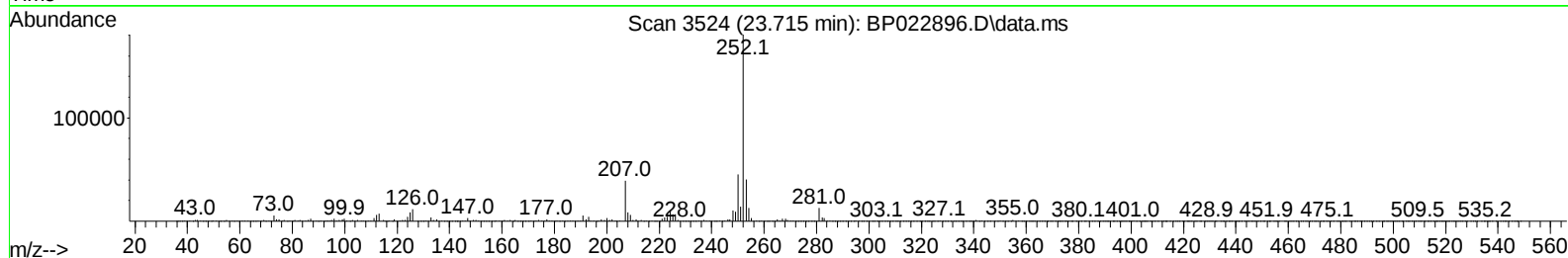
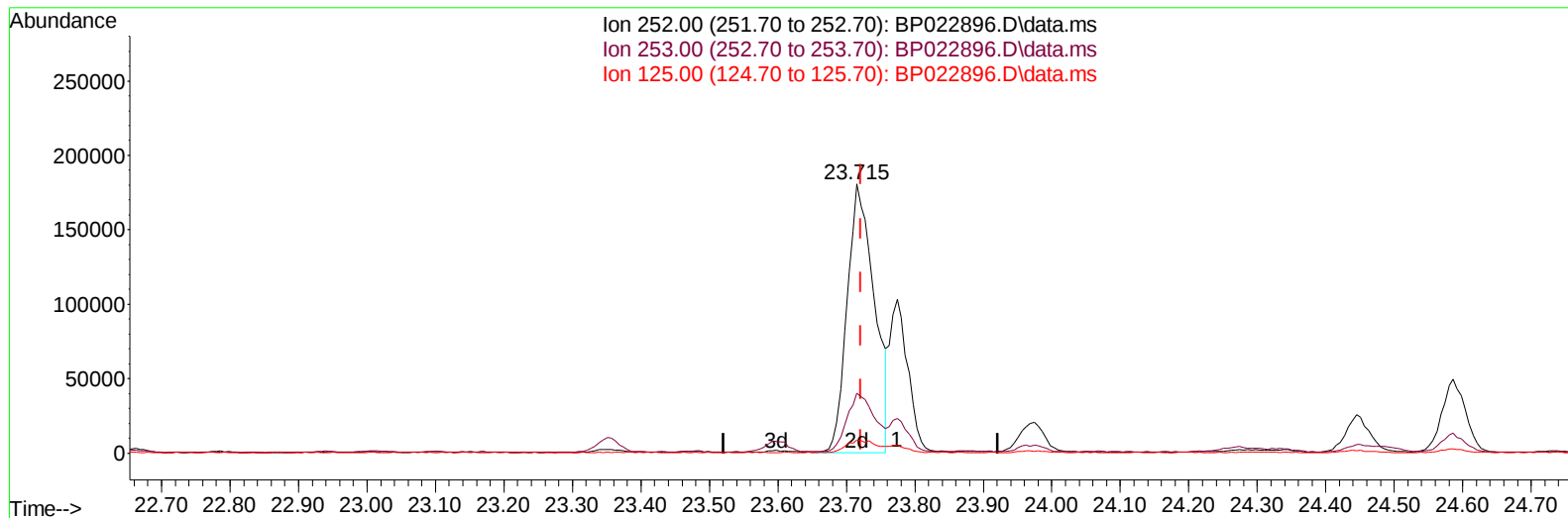
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:31:31 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: BP022896.D\data.ms

(90) Benzo(b)fluoranthene

23.715min (-0.006) 11.23 ng/u1 m

response 496661

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.31
125.00	6.20	4.79#
0.00	0.00	0.00

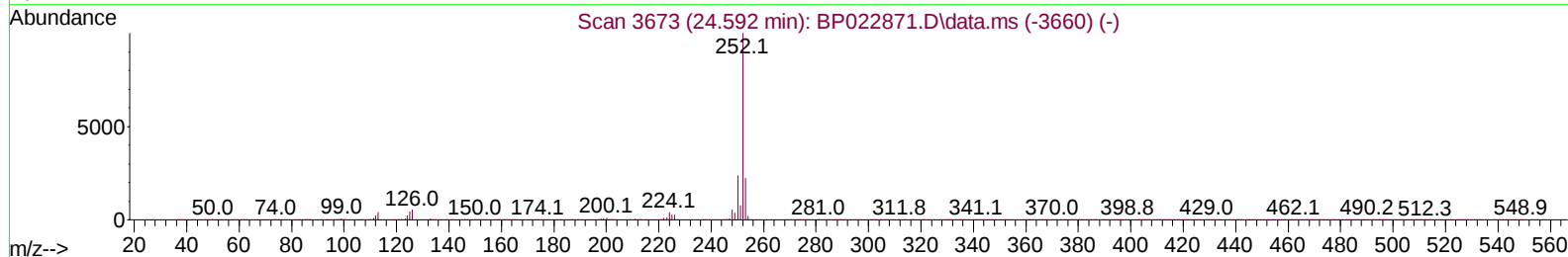
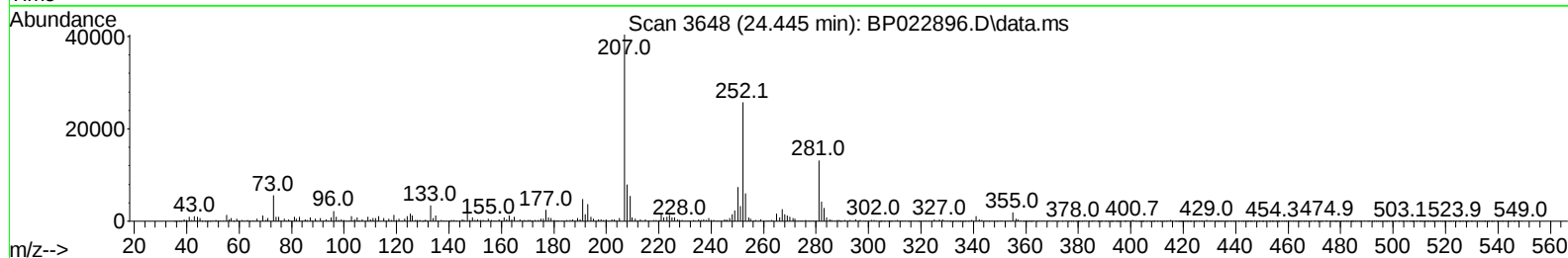
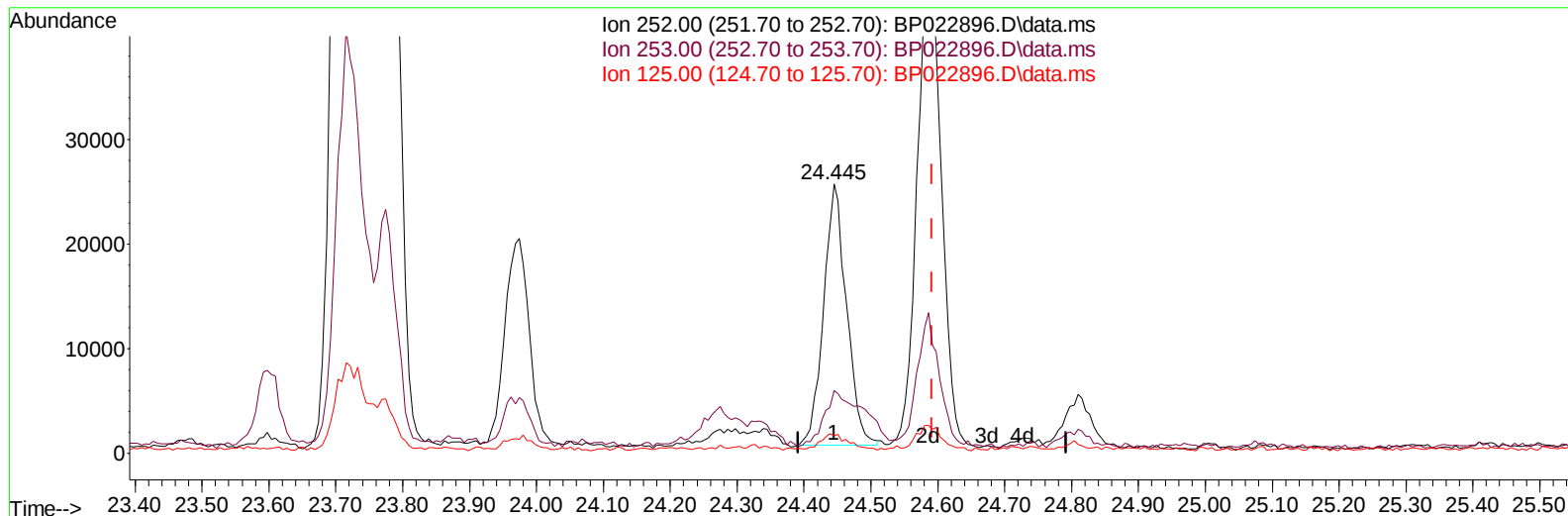
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:31:31 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
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Reviewed By :Yogesh Patel 11/07/2024
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TIC: BP022896.D\data.ms

(93) Benzo(a)pyrene (C)

24.445min (-0.147) 1.45 ng/u1

response 58819

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.28
125.00	6.10	6.42
0.00	0.00	0.00

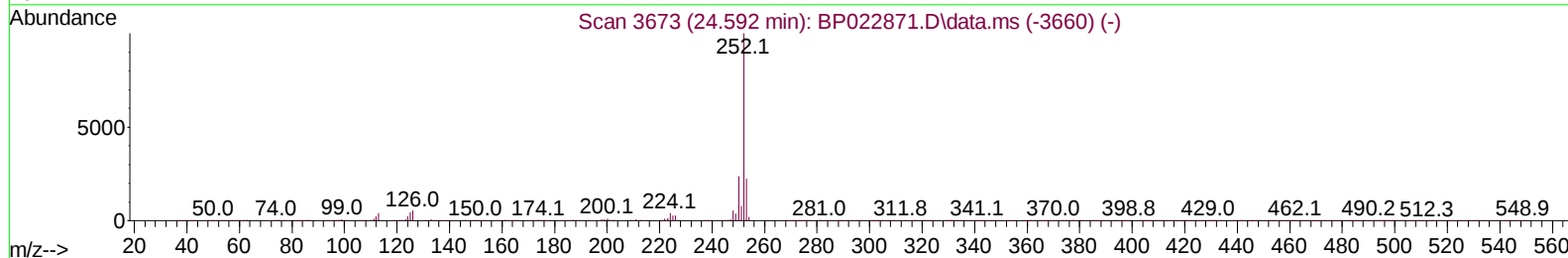
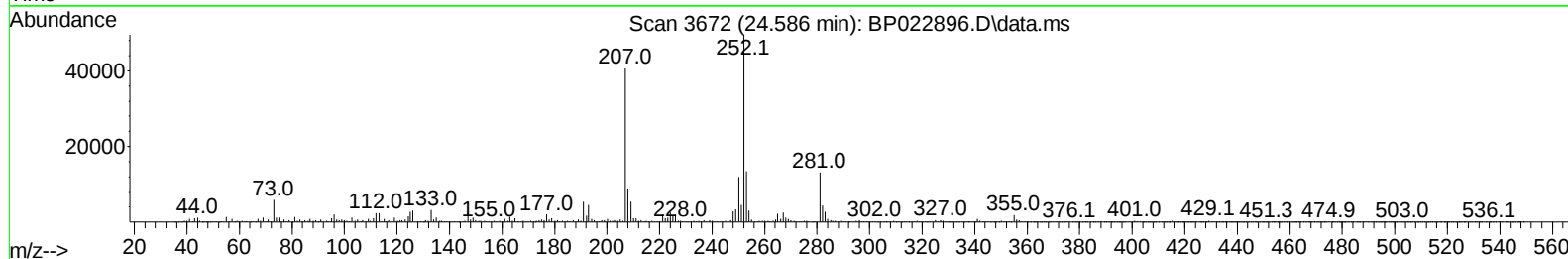
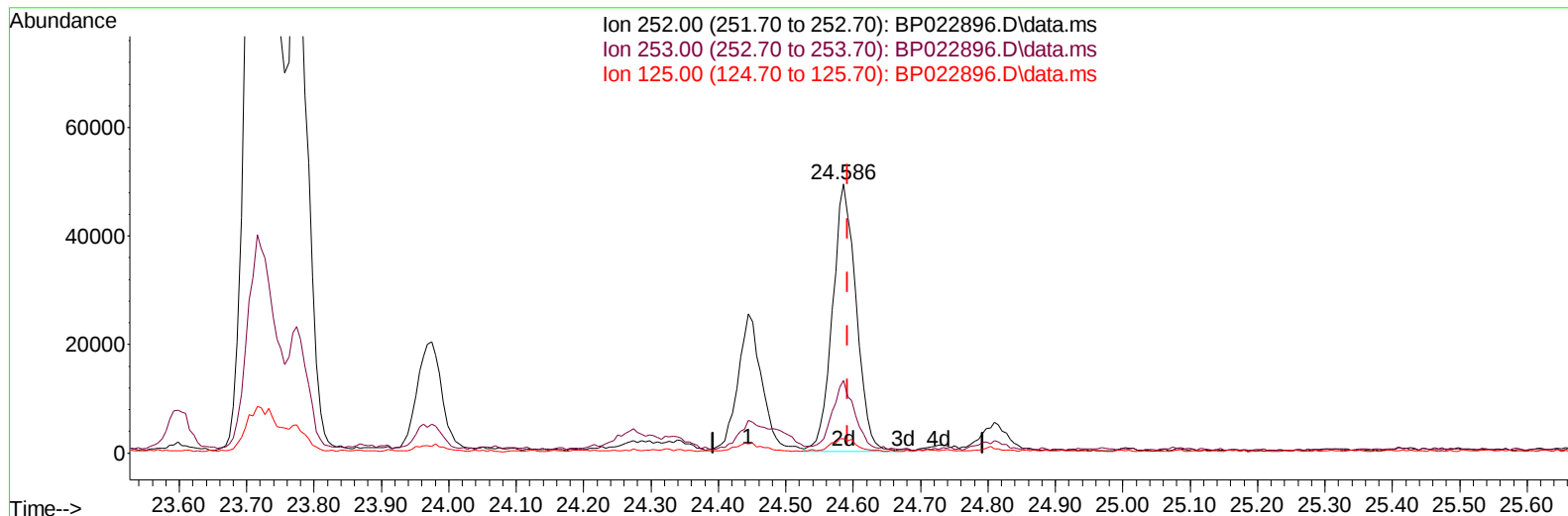
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:31:31 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: BP022896.D\data.ms

(93) Benzo(a)pyrene (C)

24.586min (-0.006) 2.94 ng/u1 m

response 119563

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	27.07#
125.00	6.10	5.34
0.00	0.00	0.00

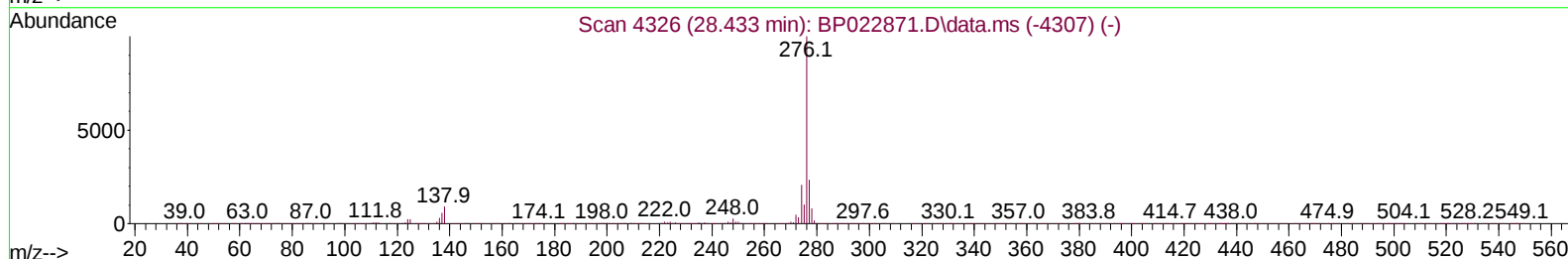
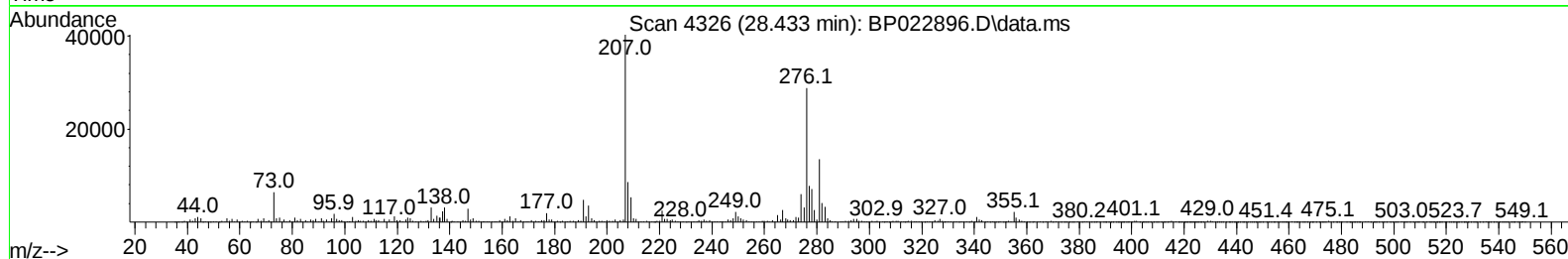
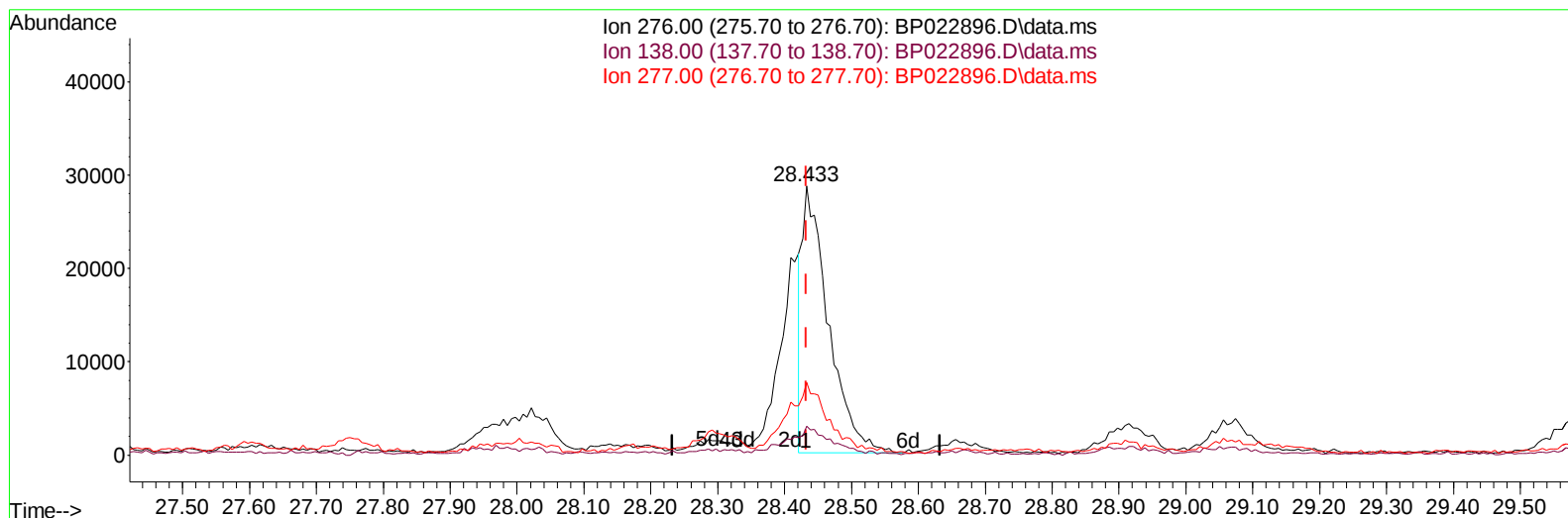
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:31:31 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
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TIC: BP022896.D\data.ms

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

28.433min (-0.000) 1.42 ng/u1

response 76951

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.84
277.00	23.20	26.92
0.00	0.00	0.00

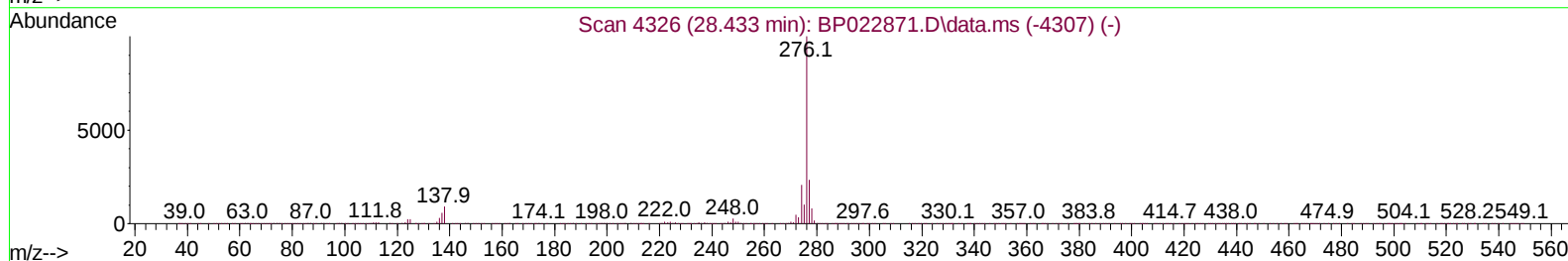
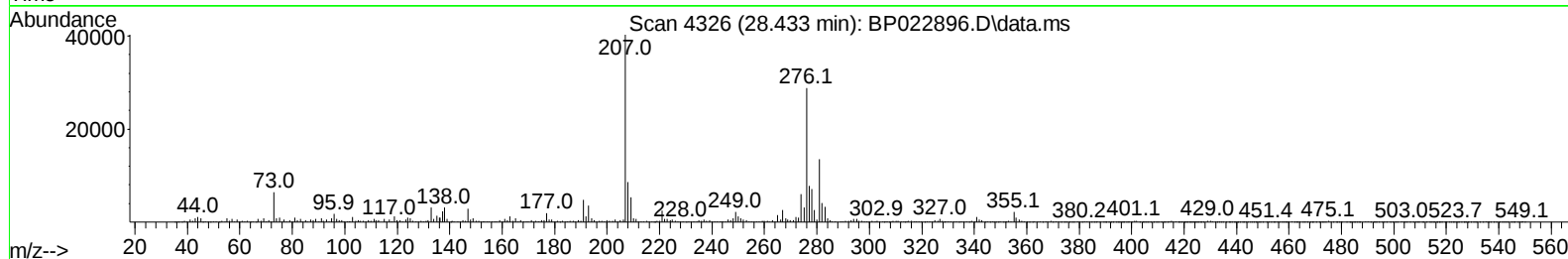
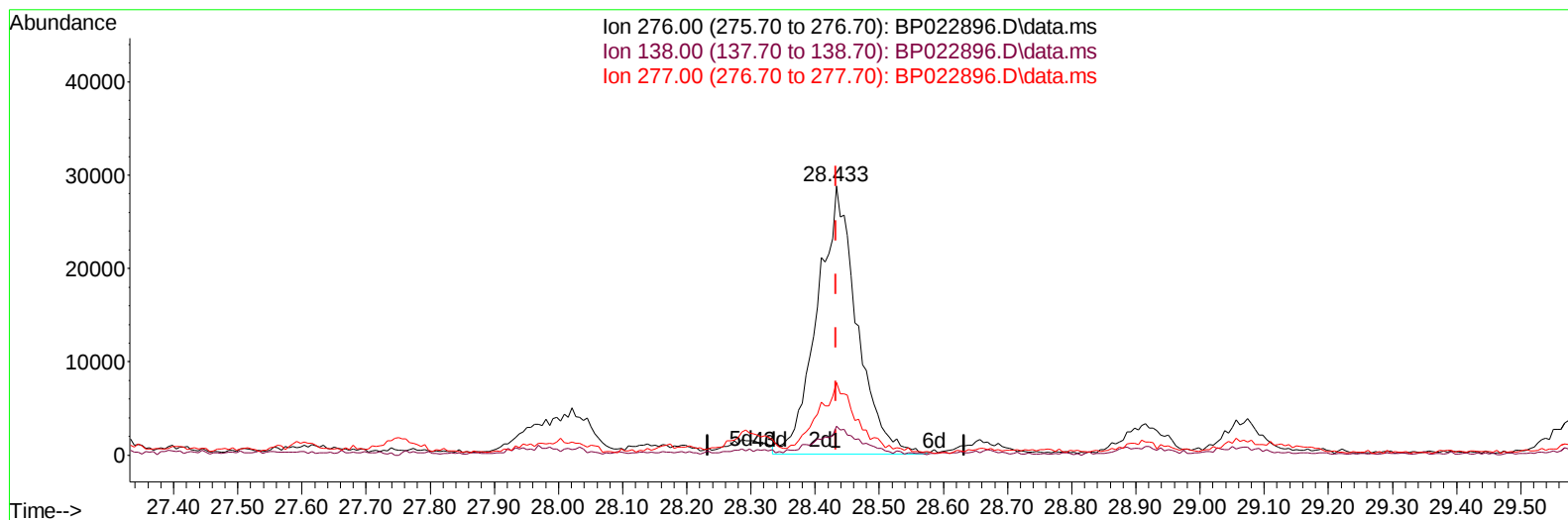
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Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:31:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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QLast Update : Wed Nov 06 00:31:03 2024
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TIC: BP022896.D\data.ms

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

28.433min (-0.000) 2.28 ng/u1 m

response 123755

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.84
277.00	23.20	26.92
0.00	0.00	0.00

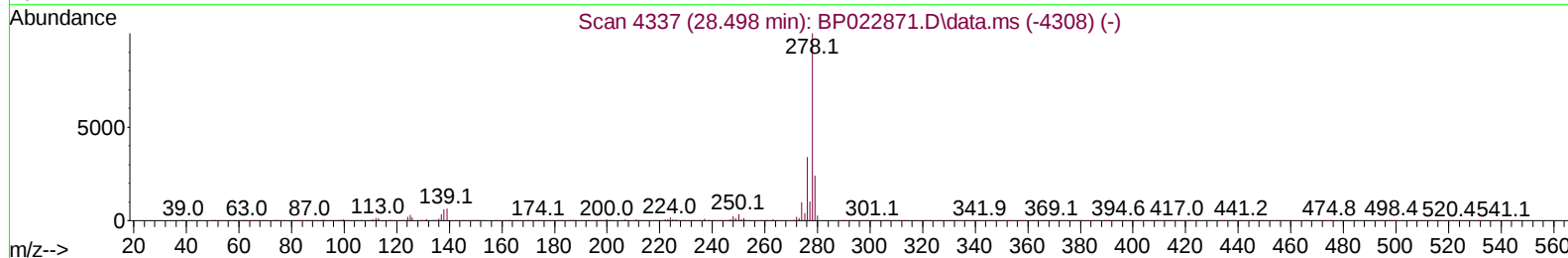
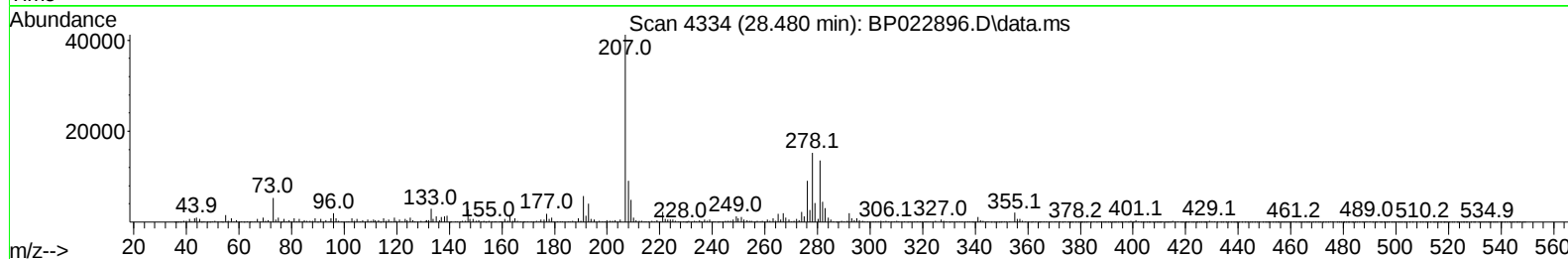
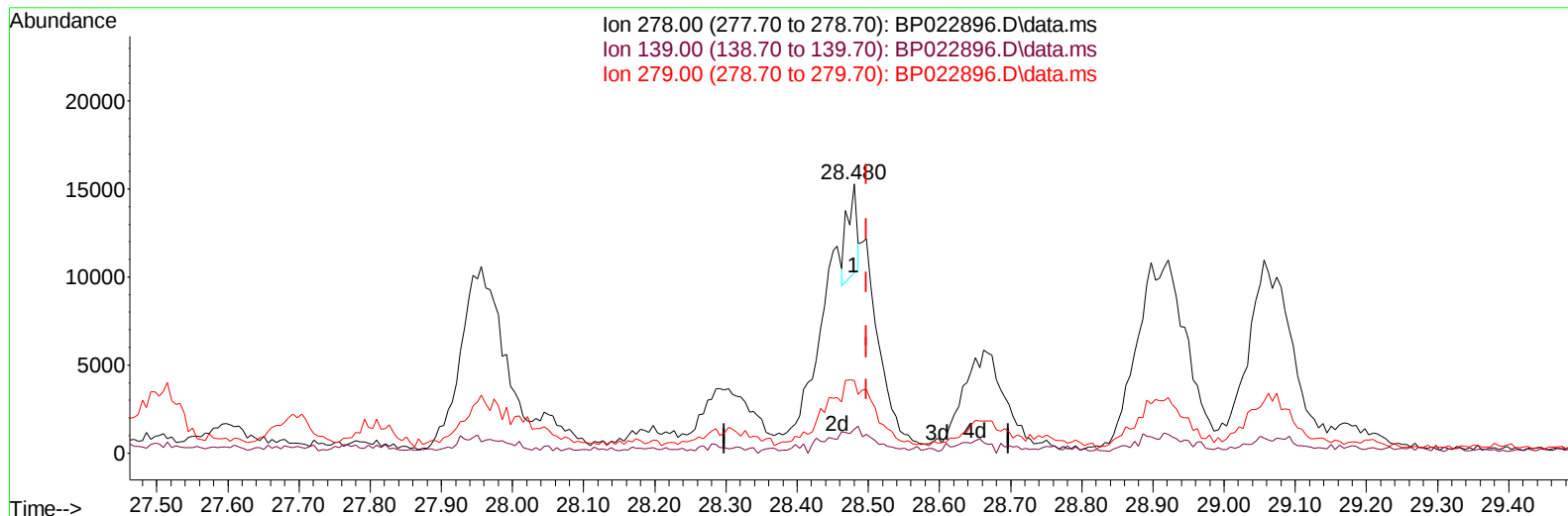
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:35:55 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: BP022896.D\data.ms

(95) Dibenzo(a,h)anthracene

28.480min (-0.018) 0.11 ng/u1

response 4936

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	8.85
279.00	23.70	27.03
0.00	0.00	0.00

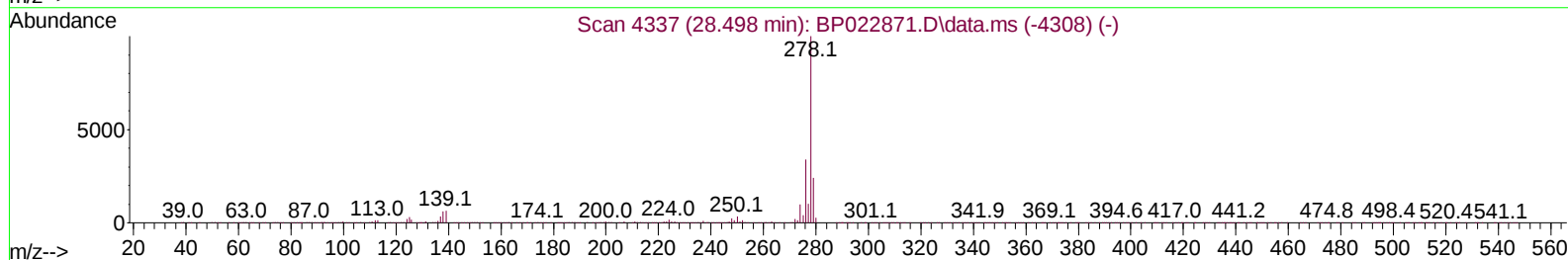
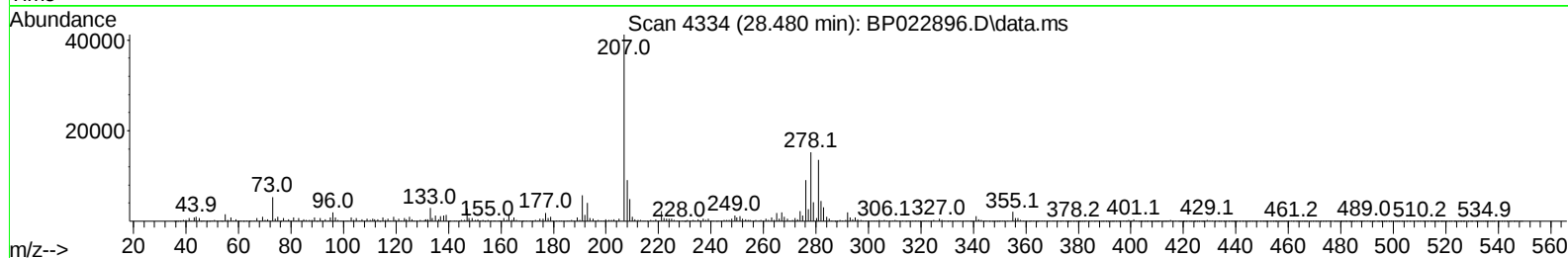
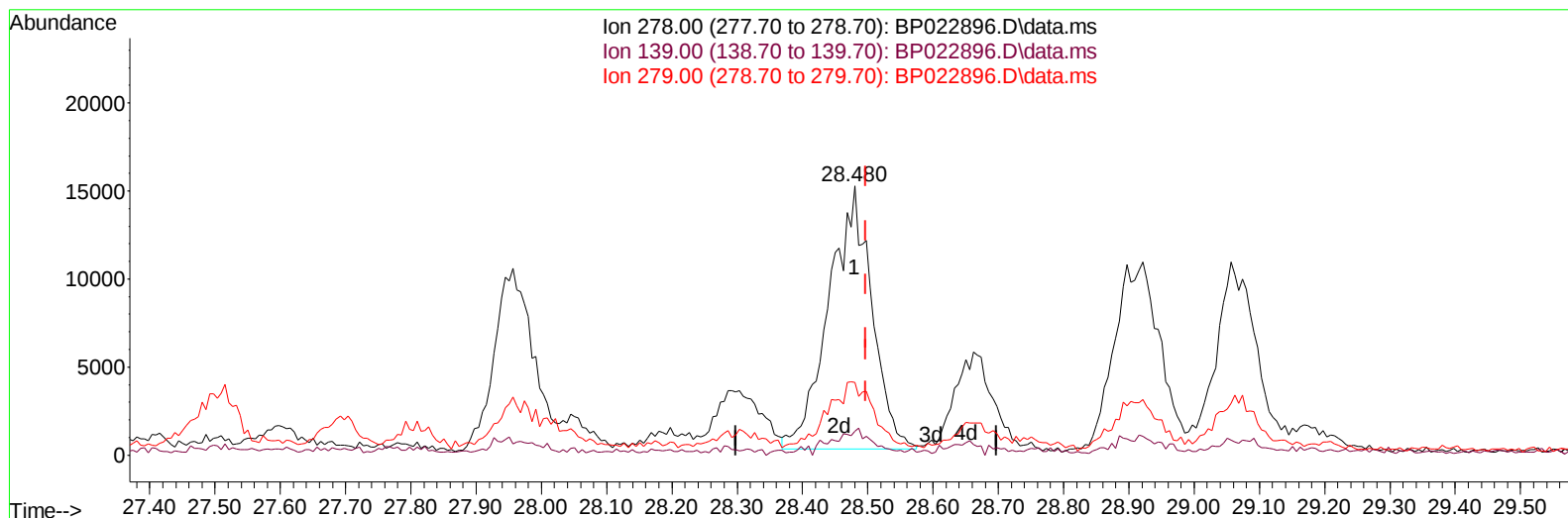
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:35:55 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: BP022896.D\data.ms

(95) Dibenzo(a,h)anthracene

28.480min (-0.018) 1.54 ng/u1 m

response 67759

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	8.85
279.00	23.70	27.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022896.D
 Acq On : 06 Nov 2024 16:34
 Operator : RC/JU
 Sample : P4581-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:36:53 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

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.616	152		83952	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136		318443	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164		246960	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.057	188		589233	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.486	240		602319	20.000	ng/ul	# 0.00
88) Perylene-d12	24.733	264		702437	20.000	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.175	96		1691	0.783	ng/uL	0.00
4) Pyridine-d5	3.605	84		10923	1.842	ng/ul	0.02
7) Phenol-d5	6.822	99		50312	7.119	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67		30718	7.396	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132		41783	8.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113		40781	7.231	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128		19959	8.151	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143		23327	8.229	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165		50308	8.350	ng/ul	0.01
31) 4-Chloroaniline-d4	10.540	131		33959	4.770	ng/ul	0.01
46) Dimethylphthalate-d6	13.651	166		168448	8.585	ng/ul	-0.01
49) Acenaphthylene-d8	13.939	160		179381	8.607	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143		14124m	4.291	ng/ul	0.03
60) Fluorene-d10	15.257	176		151294	8.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200		7029	1.814	ng/ul	0.00
73) Anthracene-d10	17.157	188		243788	8.795	ng/ul	0.00
81) Pyrene-d10	19.545	212		230140	7.225	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264		204522	5.452	ng/ul	0.00
Target Compounds							
						Qvalue	
8) Phenol	6.852	94		12378m	1.684	ng/ul	
16) Acetophenone	8.434	105		68410	7.347	ng/ul	97
30) Naphthalene	10.428	128		31271	1.844	ng/ul	96
52) Acenaphthene	14.322	153		46005	3.008	ng/ul	97
56) Dibenzofuran	14.663	168		53488	2.328	ng/ul	94
61) Fluorene	15.322	166		63179	3.375	ng/ul	93
72) Phenanthrene	17.098	178		887505	28.153	ng/ul	100
74) Anthracene	17.192	178		137528	4.372	ng/ul	98
77) Carbazole	17.480	167		65873	2.366	ng/ul	97
80) Fluoranthene	19.192	202		1075598	29.374	ng/ul	97
82) Pyrene	19.569	202		487311	12.417	ng/ul	97
85) Benzo(a)anthracene	21.468	228		422915	10.016	ng/ul	99
87) Chrysene	21.527	228		393560	10.052	ng/ul	96
90) Benzo(b)fluoranthene	23.715	252		496661m	11.233	ng/ul	
91) Benzo(k)fluoranthene	23.774	252		187599	4.334	ng/ul	98
93) Benzo(a)pyrene	24.586	252		119563m	2.938	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.433	276		123755m	2.279	ng/ul	
95) Dibenzo(a,h)anthracene	28.480	278		67759m	1.541	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022896.D
Acq On : 06 Nov 2024 16:34
Operator : RC/JU
Sample : P4581-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EA9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 00:36:53 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

