

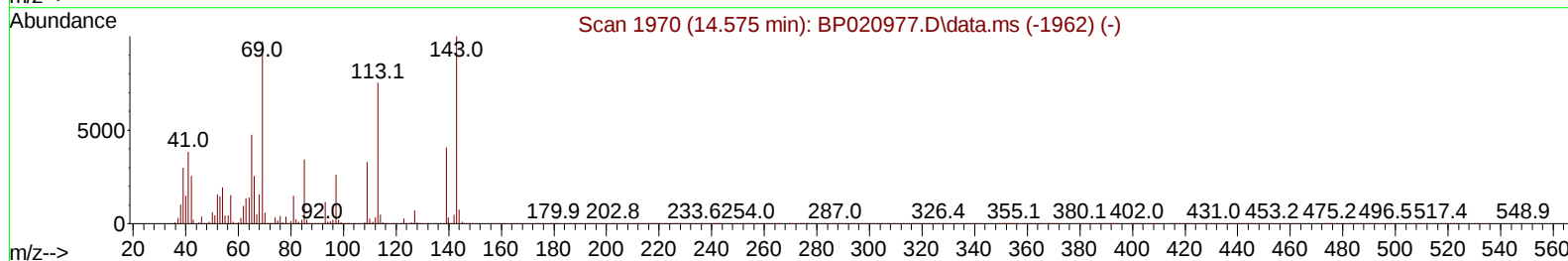
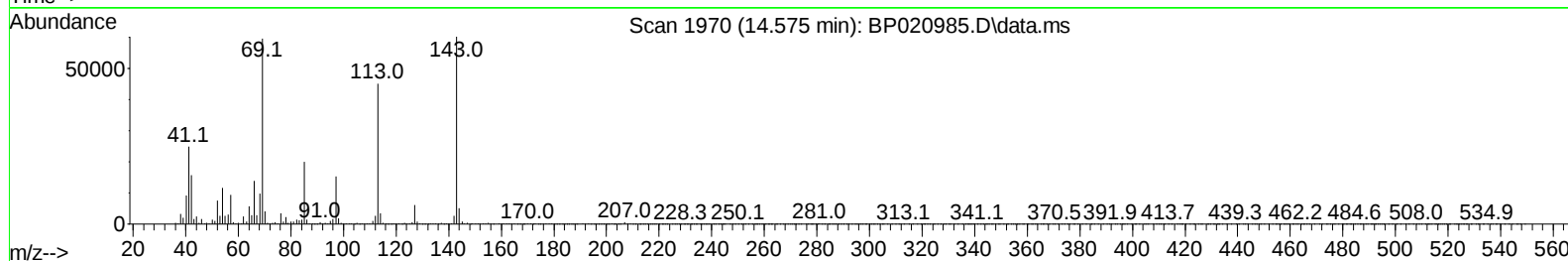
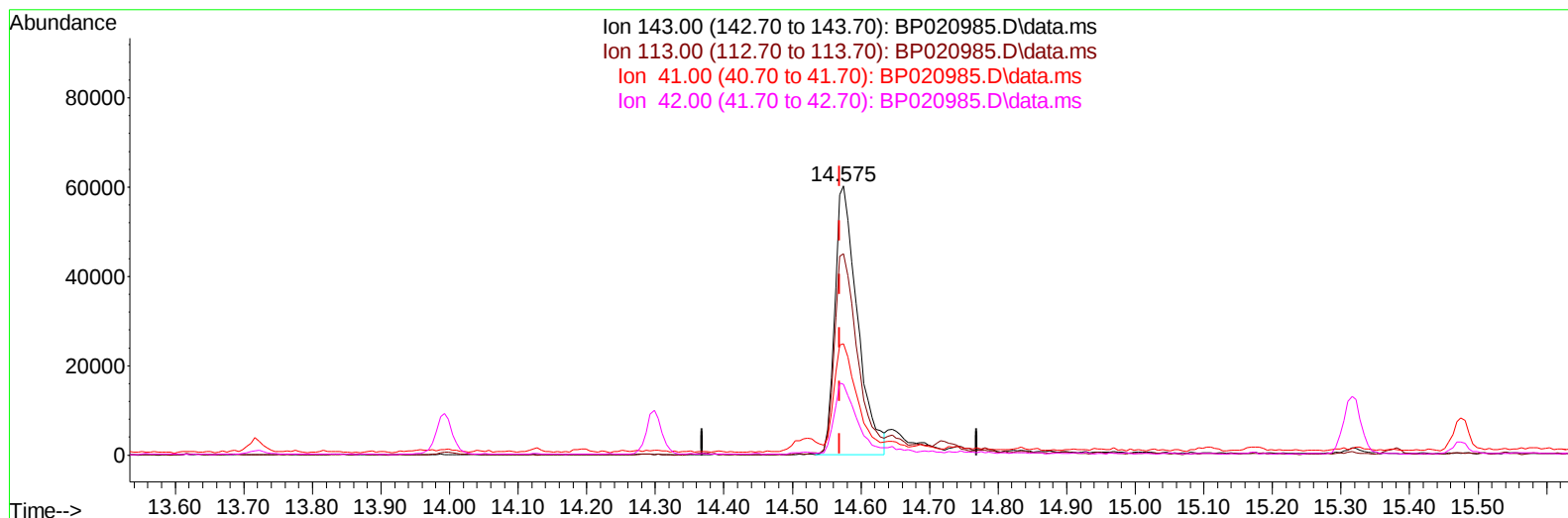
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020985.D
Acq On : 16 Jul 2024 10:44
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 16 22:54:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BP020985.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.575min (+ 0.006) 23.60 ng/u1

response 136498

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	74.92
41.00	37.90	41.29
42.00	27.10	26.27

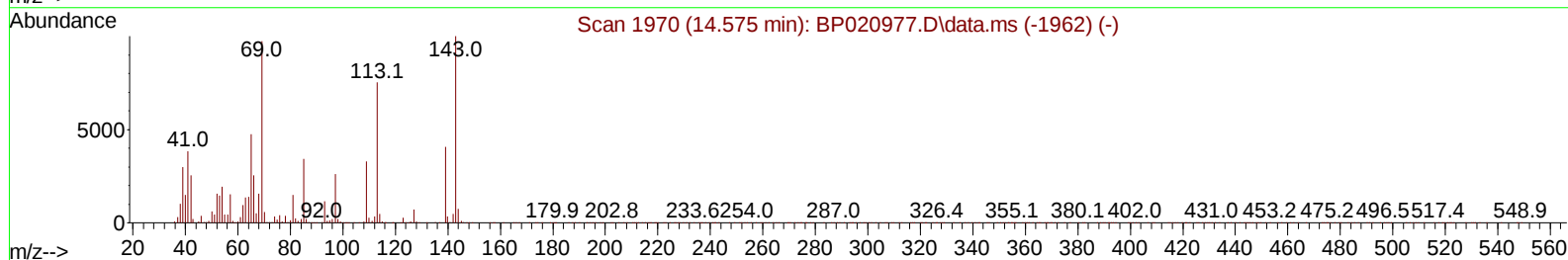
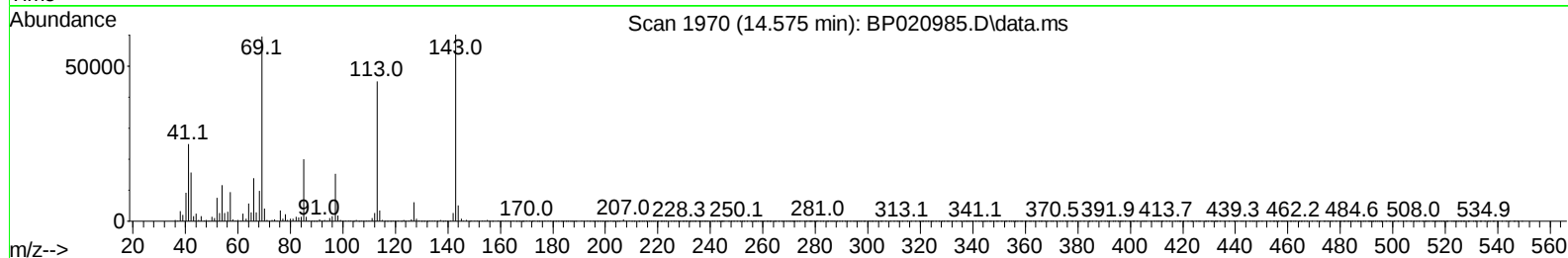
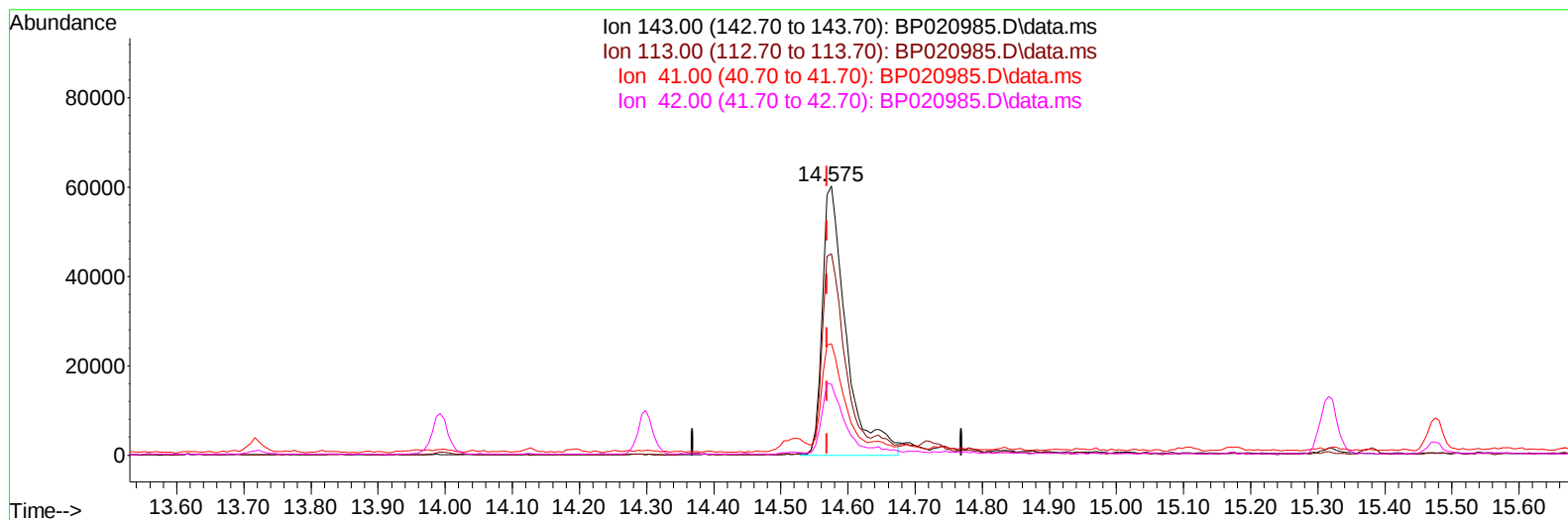
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TIC: BP020985.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.575min (+ 0.006) 25.60 ng/ul m

response 148073

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	74.92
41.00	37.90	41.29
42.00	27.10	26.27

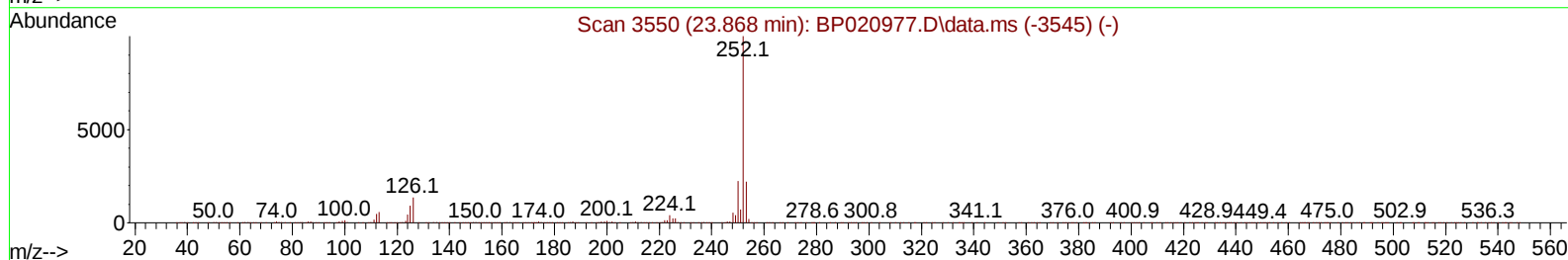
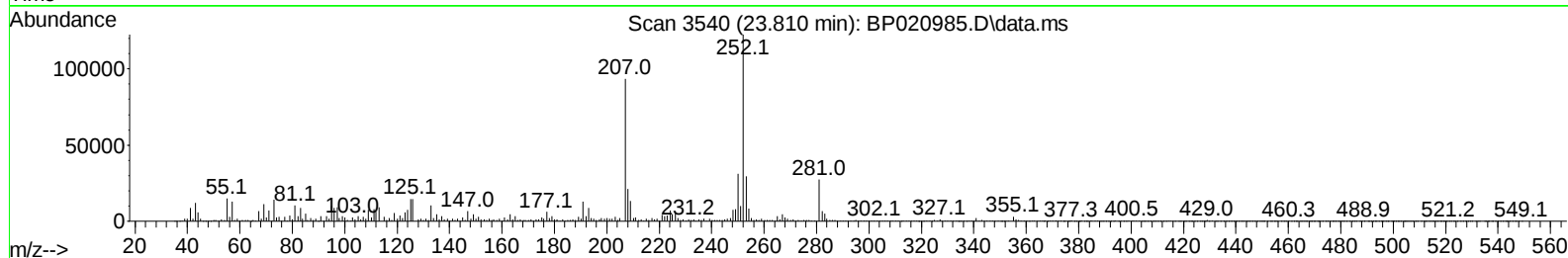
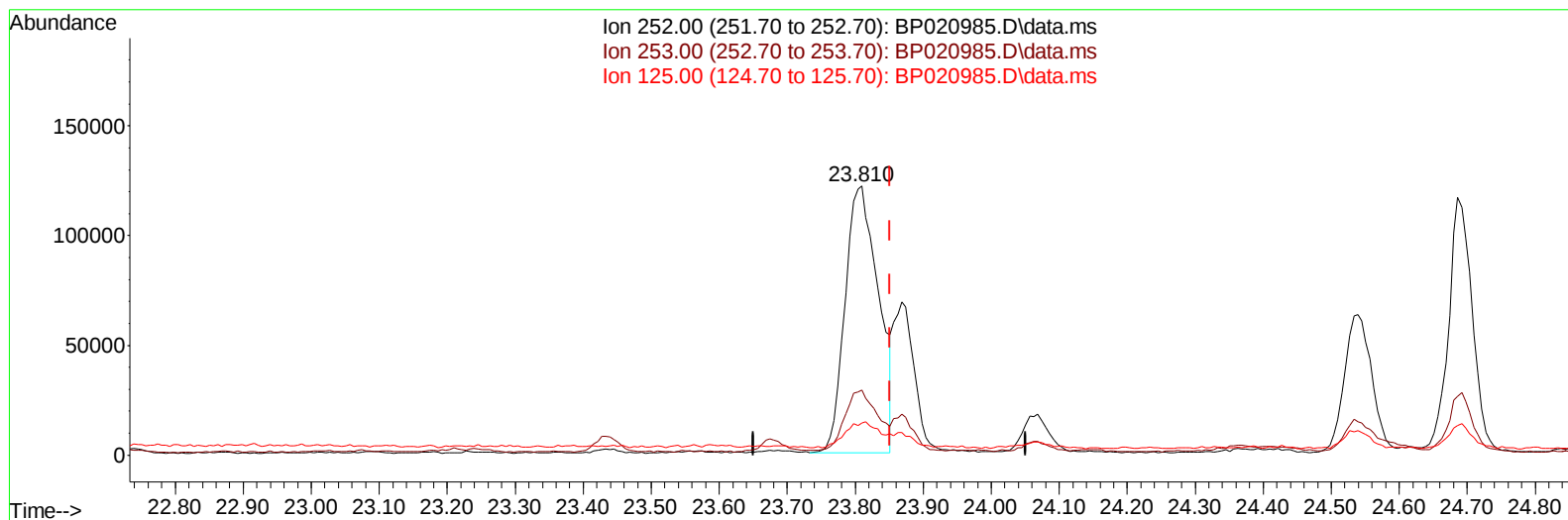
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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TIC: BP020985.D\data.ms

(91) Benzo(k)fluoranthene

23.810min (-0.041) 5.00 ng/u1

response 414440

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.16
125.00	9.20	12.03#
0.00	0.00	0.00

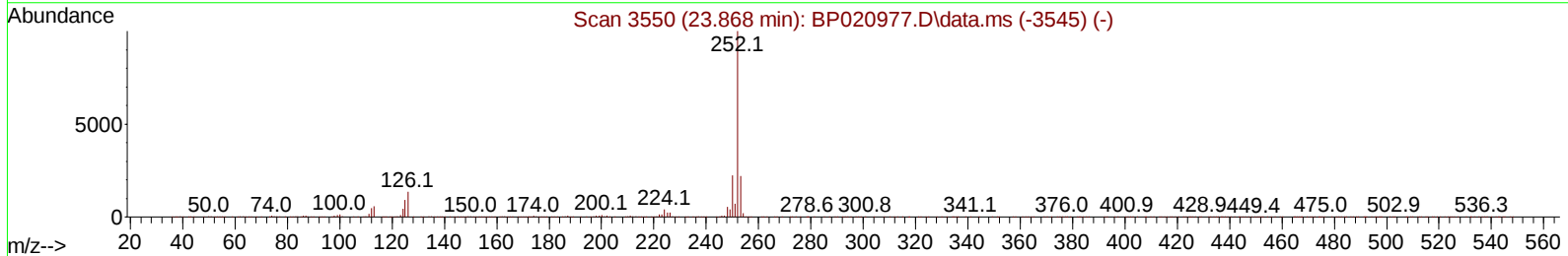
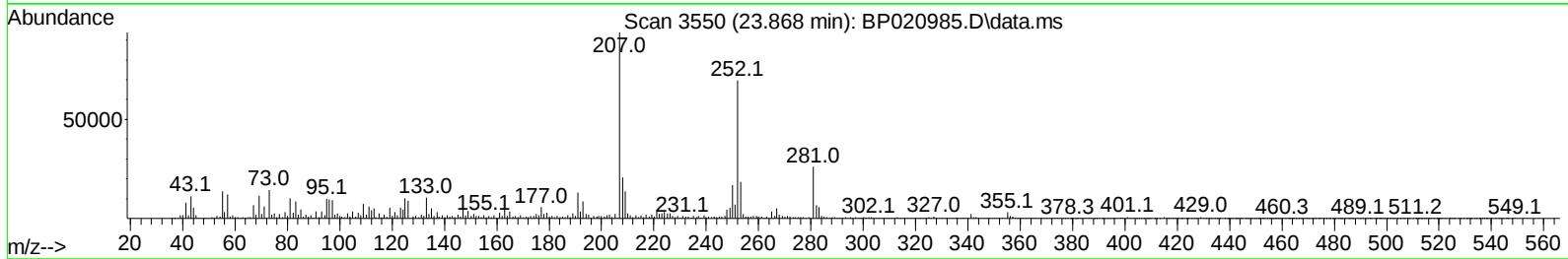
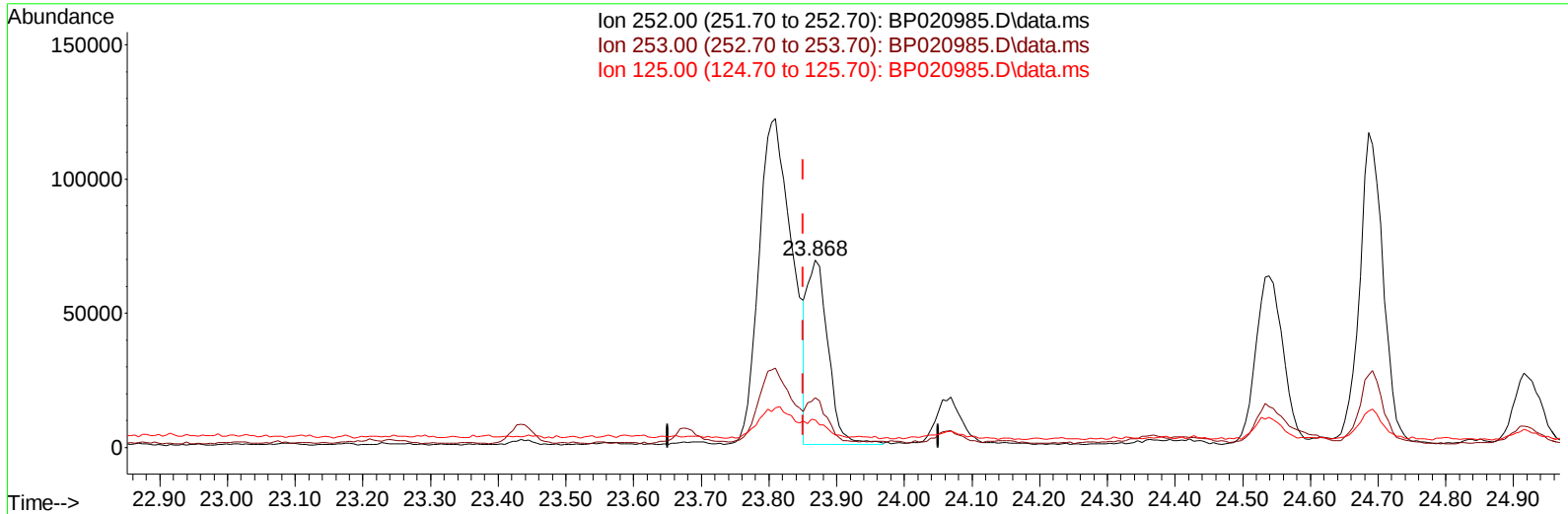
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Instrument :
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TIC: BP020985.D\data.ms

(91) Benzo(k)fluoranthene

23.868min (+ 0.018) 1.77 ng/u1 m

response 146421

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	26.59#
125.00	9.20	14.78#
0.00	0.00	0.00

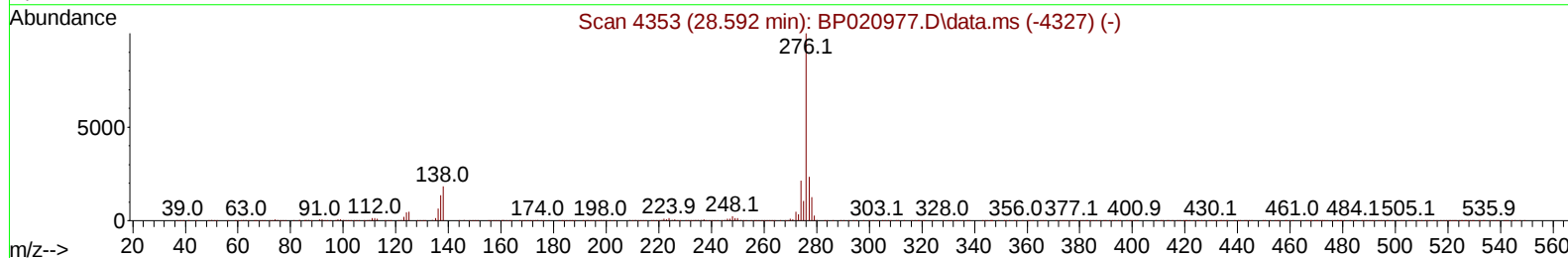
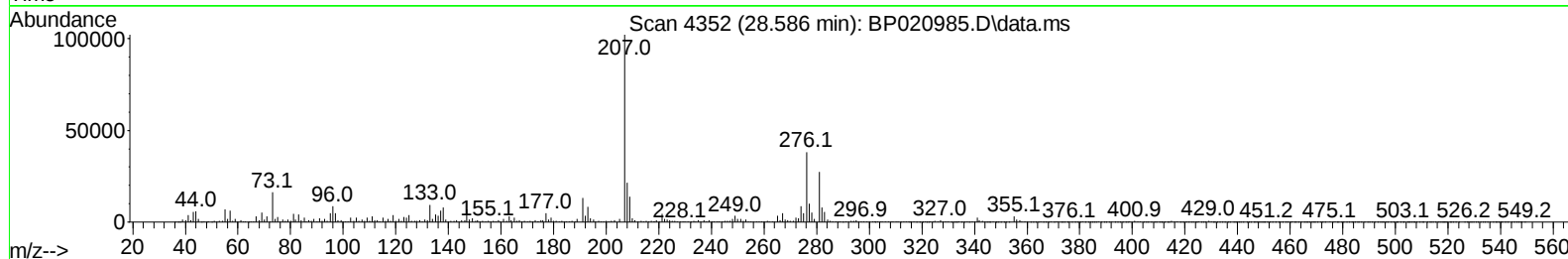
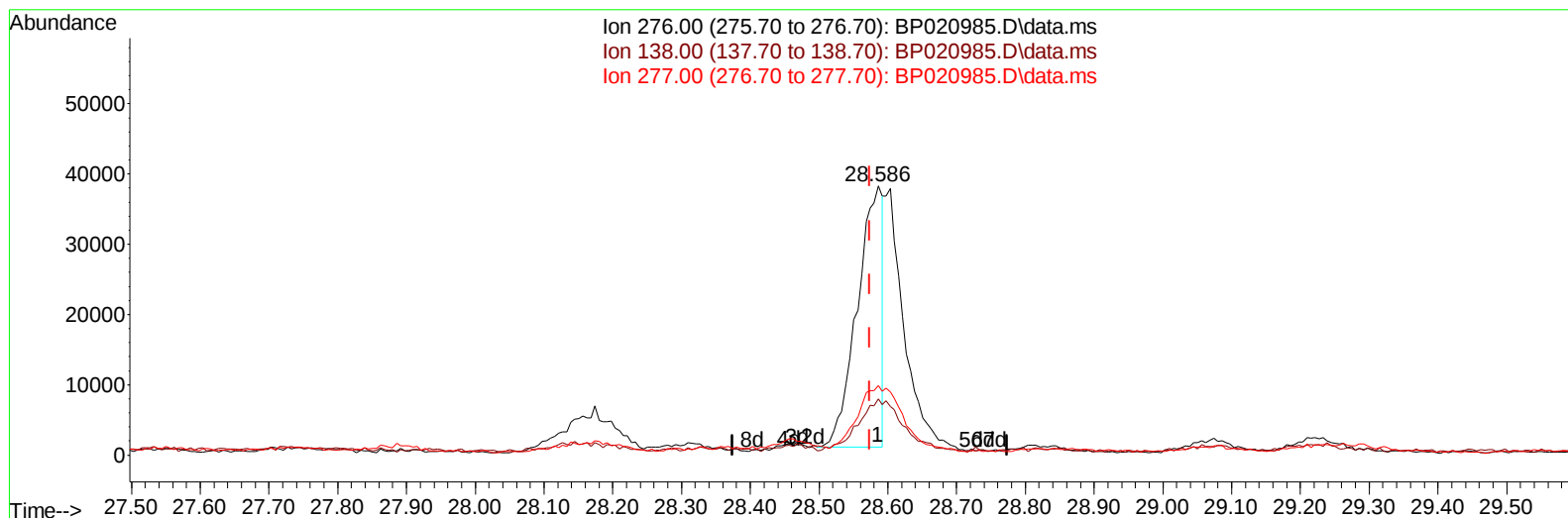
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Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP020985.D\data.ms

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

28.586min (+ 0.012) 0.94 ng/u1

response 95277

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	20.84
277.00	24.00	25.86
0.00	0.00	0.00

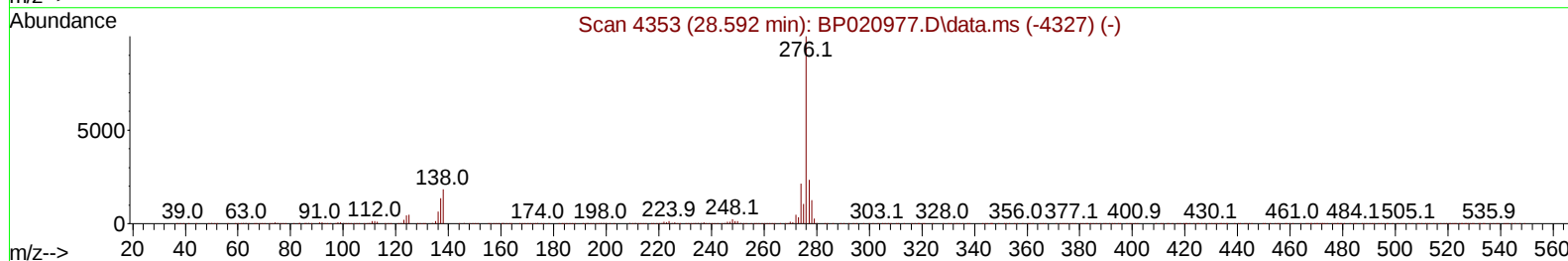
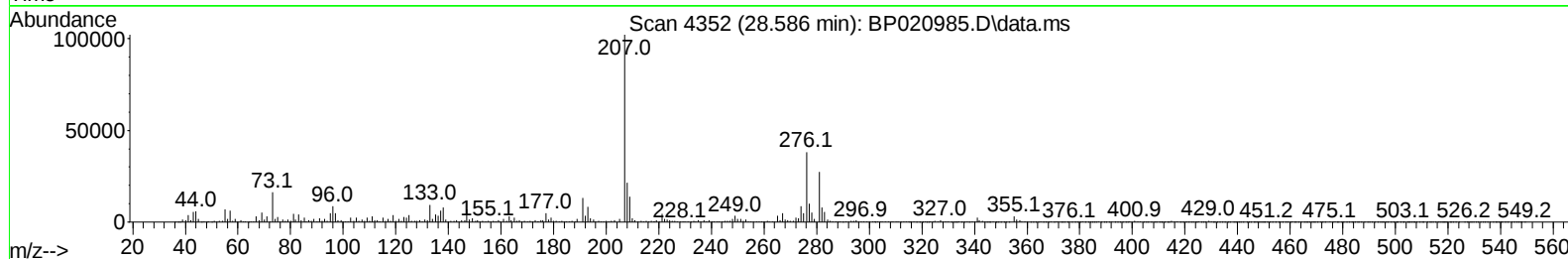
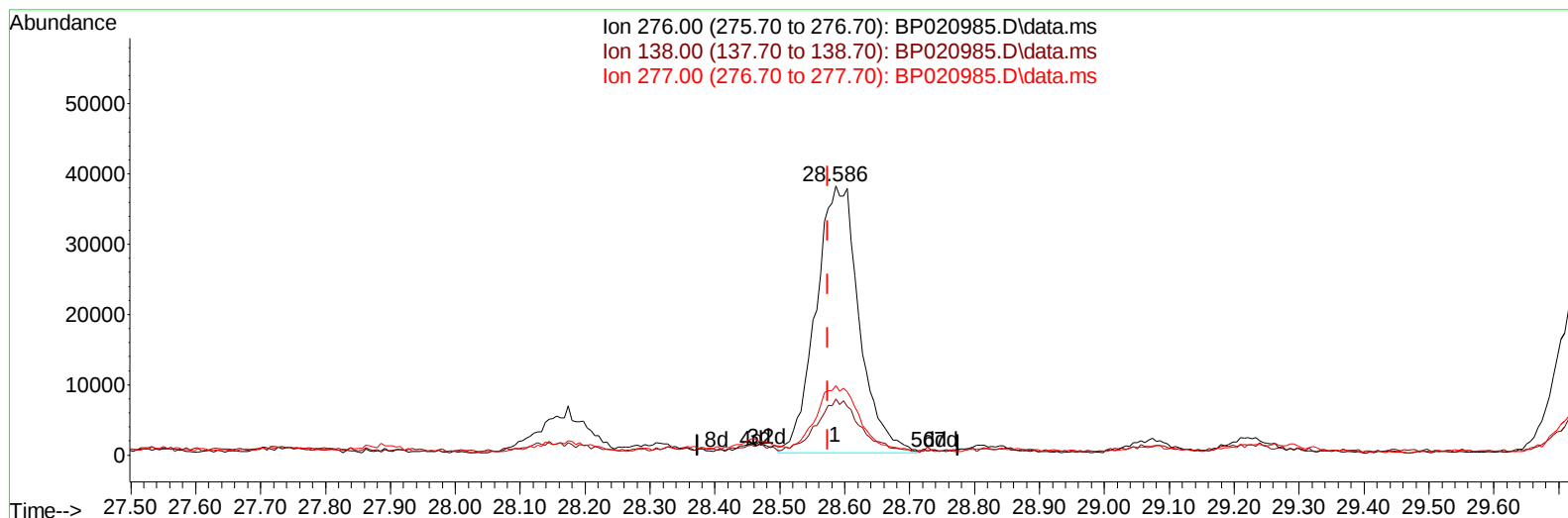
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Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

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TIC: BP020985.D\data.ms

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

28.586min (+ 0.012) 1.73 ng/ul m

response 175087

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	20.84
277.00	24.00	25.86
0.00	0.00	0.00

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Instrument :
 BNA_P
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 A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:08:59 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152		215442	20.000	ng/ul	0.01
20) Naphthalene-d8	10.452	136		868543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164		559251	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.116	188		1185850	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240		1152429	20.000	ng/ul	0.01
88) Perylene-d12	24.845	264		1367790	20.000	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.240	96		18176	3.839	ng/uL	0.00
4) Pyridine-d5	3.658	84		259583	18.939	ng/ul	0.00
7) Phenol-d5	6.899	99		420142	23.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67		252053	23.679	ng/ul	0.01
11) 2-Chlorophenol-d4	7.246	132		355028	24.533	ng/ul	0.01
15) 4-Methylphenol-d8	8.405	113		358296	24.561	ng/ul	0.01
21) Nitrobenzene-d5	8.846	128		175633	26.035	ng/ul	0.02
24) 2-Nitrophenol-d4	9.552	143		206042	26.685	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165		352721	25.263	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131		481082	26.010	ng/ul	0.01
46) Dimethylphthalate-d6	13.722	166		1180280	29.032	ng/ul	0.01
49) Acenaphthylene-d8	13.993	160		1341724	29.392	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.575	143		148073m	25.599	ng/ul	0.00
60) Fluorene-d10	15.316	176		1016104	30.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200		150229	20.938	ng/ul	0.01
73) Anthracene-d10	17.216	188		1578218	29.965	ng/ul	0.00
81) Pyrene-d10	19.604	212		1853663	26.017	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264		2018180	29.917	ng/ul	0.02
Target Compounds							
						Qvalue	
30) Naphthalene	10.499	128		68244	1.494	ng/ul	98
52) Acenaphthene	14.369	153		112296	3.273	ng/ul	99
56) Dibenzofuran	14.722	168		79117	1.684	ng/ul	98
61) Fluorene	15.381	166		99943	2.607	ng/ul	96
72) Phenanthrene	17.157	178		1046807	17.016	ng/ul	99
74) Anthracene	17.257	178		140867	2.246	ng/ul	97
77) Carbazole	17.551	167		92435	1.803	ng/ul	98
80) Fluoranthene	19.257	202		1064020	12.366	ng/ul	100
82) Pyrene	19.639	202		883231	10.088	ng/ul	100
85) Benzo(a)anthracene	21.545	228		346749	4.295	ng/ul	96
87) Chrysene	21.610	228		351904	4.691	ng/ul	97
90) Benzo(b)fluoranthene	23.810	252		414440	4.993	ng/ul#	93
91) Benzo(k)fluoranthene	23.868	252		146421m	1.768	ng/ul	
93) Benzo(a)pyrene	24.686	252		281838	3.593	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.586	276		175087m	1.732	ng/ul	
96) Benzo(g,h,i)perylene	29.750	276		162043	1.969	ng/ul	96

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

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