

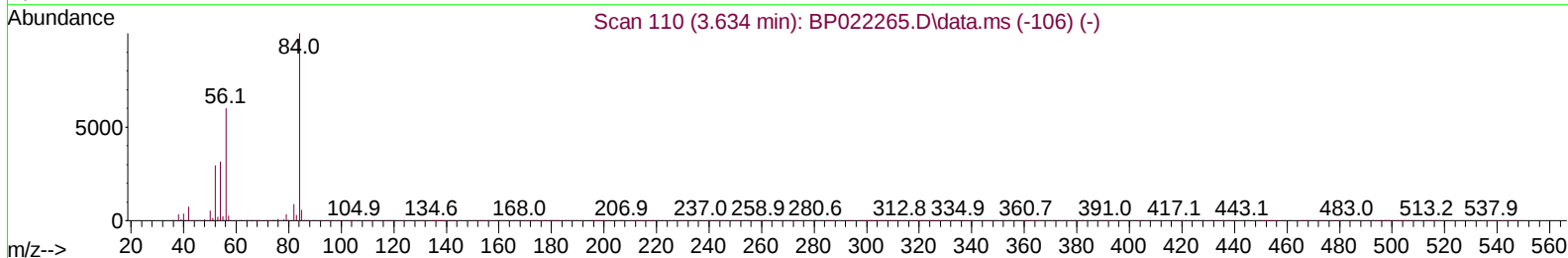
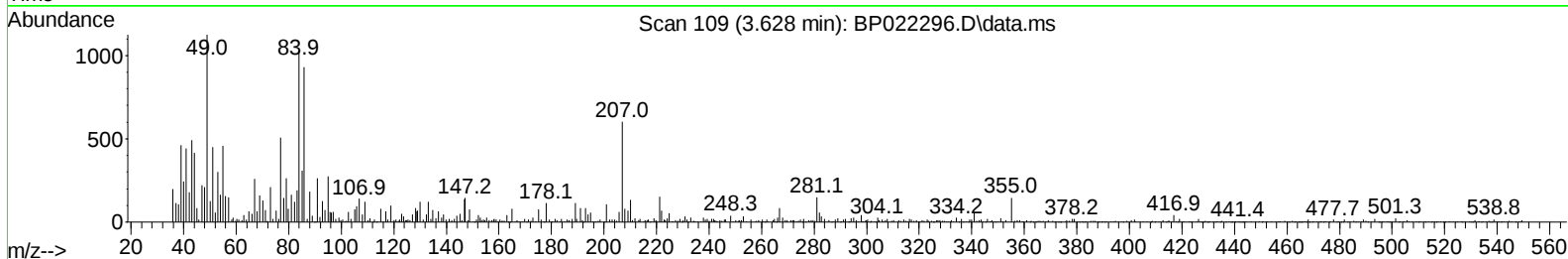
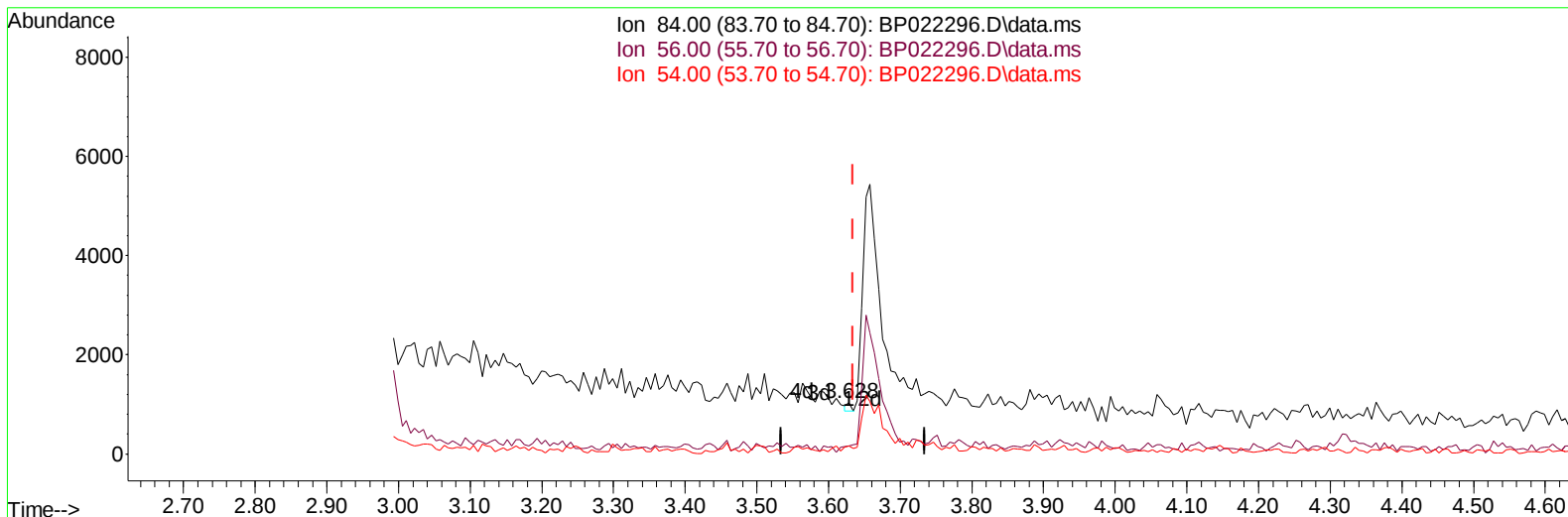
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022296.D
Acq On : 09 Oct 2024 19:05
Operator : RC/JU
Sample : P4162-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ2

Manual IntegrationsAPPROVED

Quant Time: Oct 09 23:24:07 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: BP022296.D\data.ms

(4) Pyridine-d5 (S)

3.628min (-0.006) 0.01 ng/u1

response 58

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	15.34#
54.00	30.90	16.12#
0.00	0.00	0.00

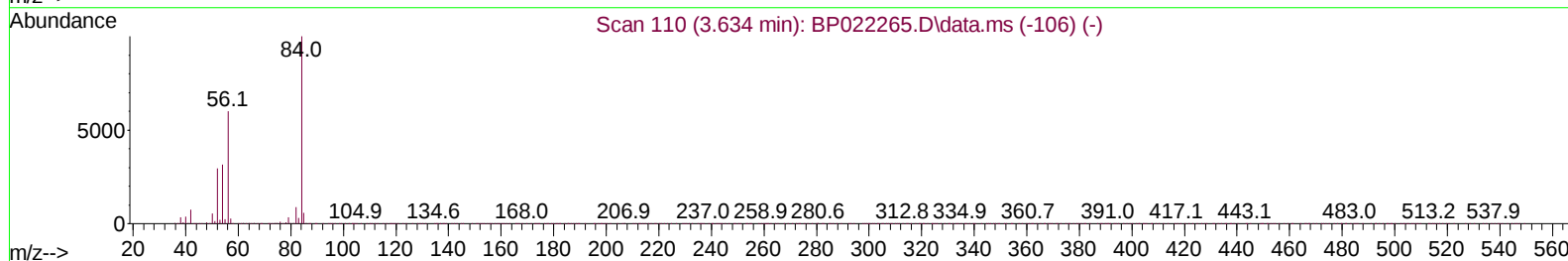
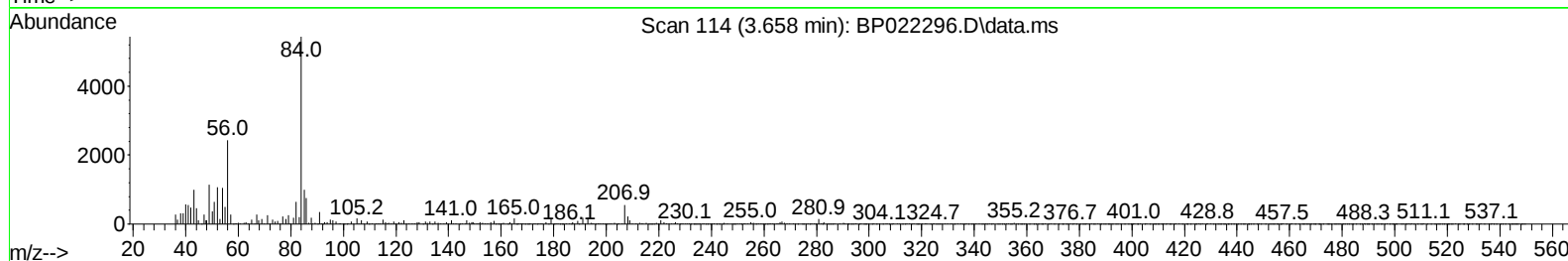
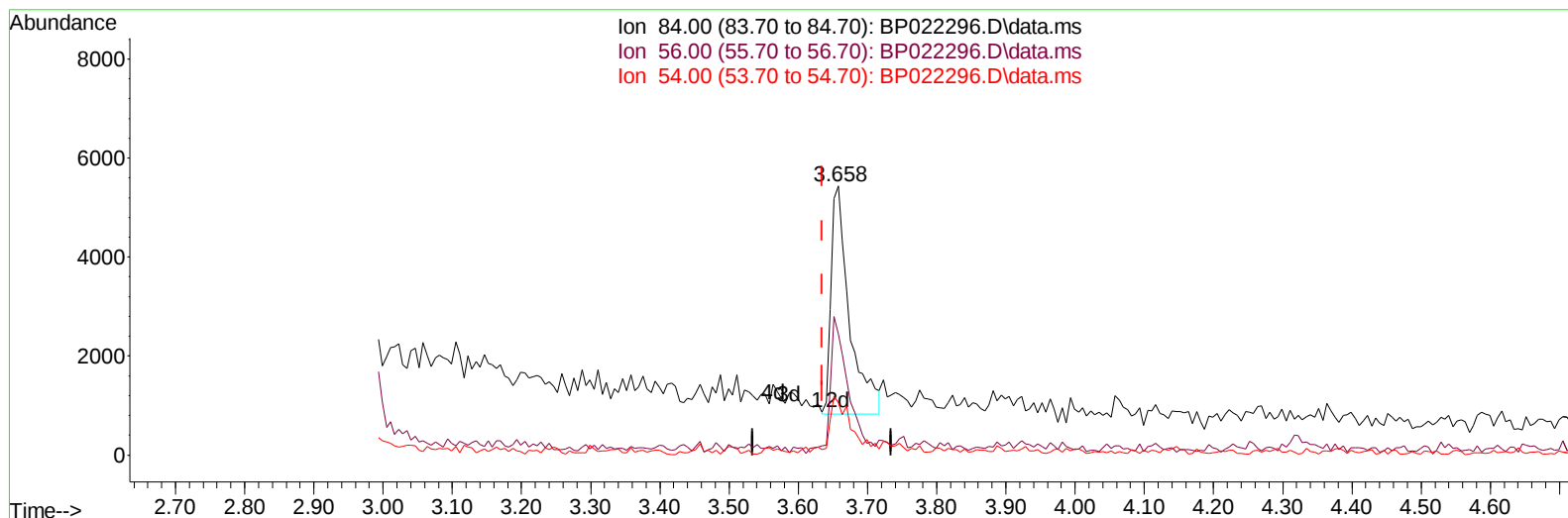
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(4) Pyridine-d5 (S)

3.658min (+ 0.024) 0.80 ng/ul m

response 8461

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	44.86#
54.00	30.90	19.48#
0.00	0.00	0.00

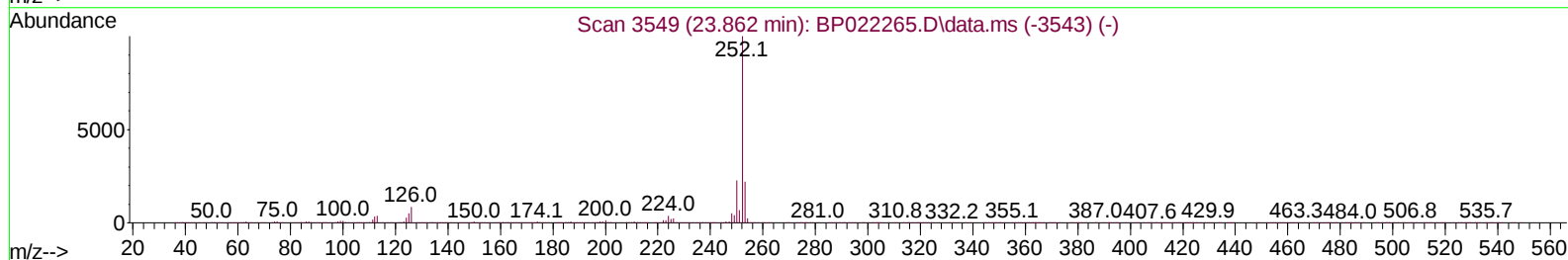
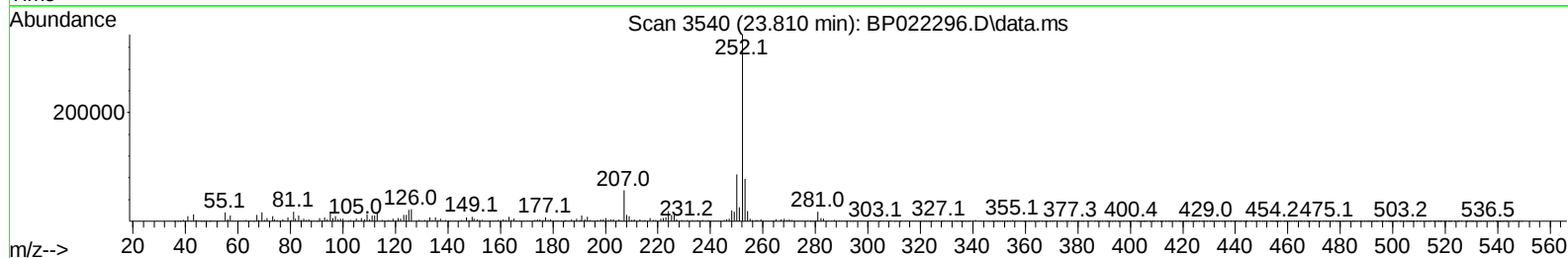
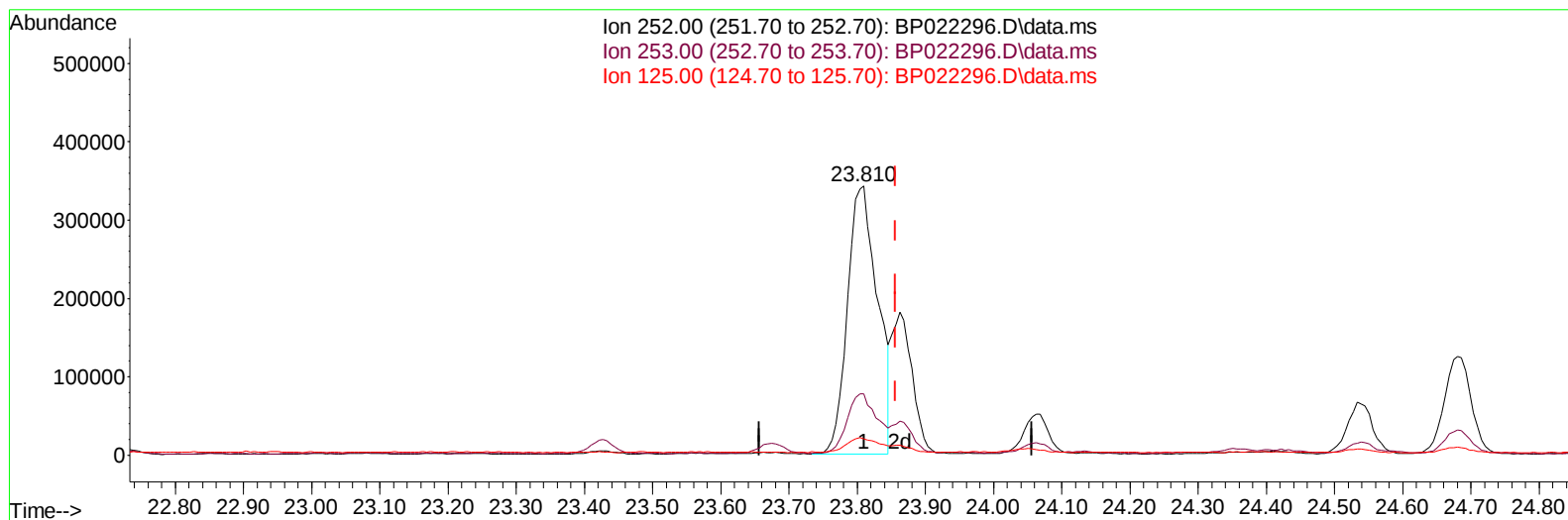
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TIC: BP022296.D\data.ms

(91) Benzo(k)fluoranthene

23.810min (-0.047) 15.46 ng/u1

response 1050810

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.88
125.00	5.70	6.07
0.00	0.00	0.00

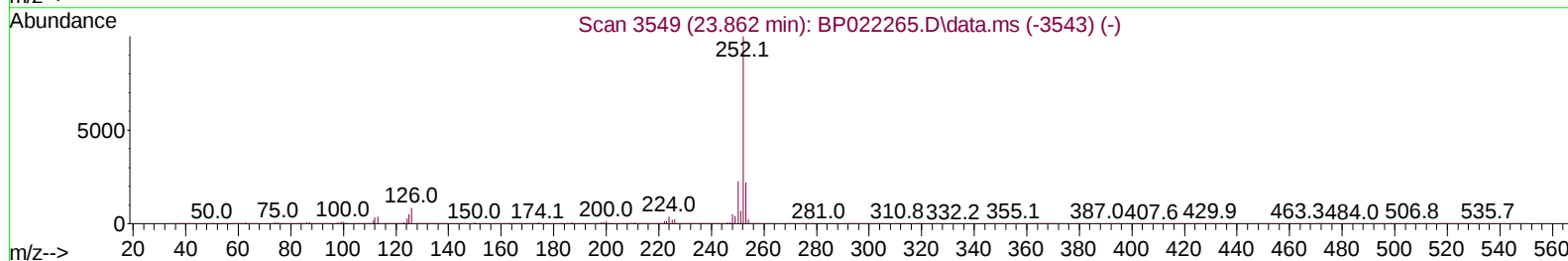
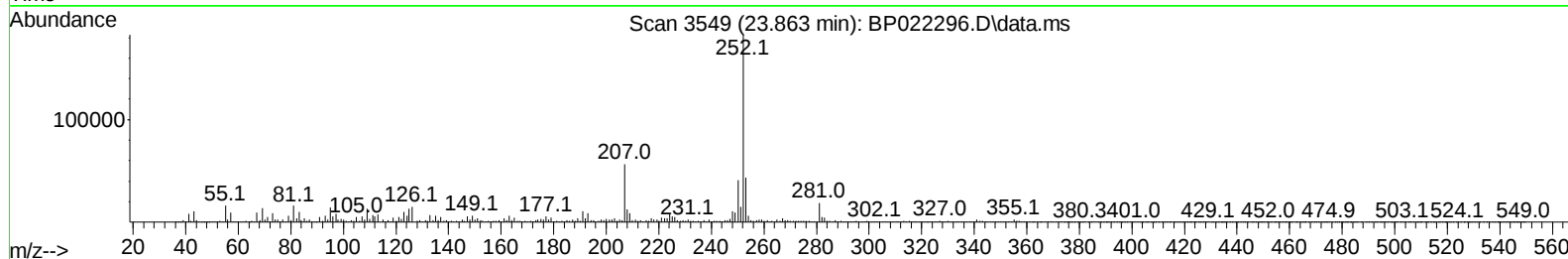
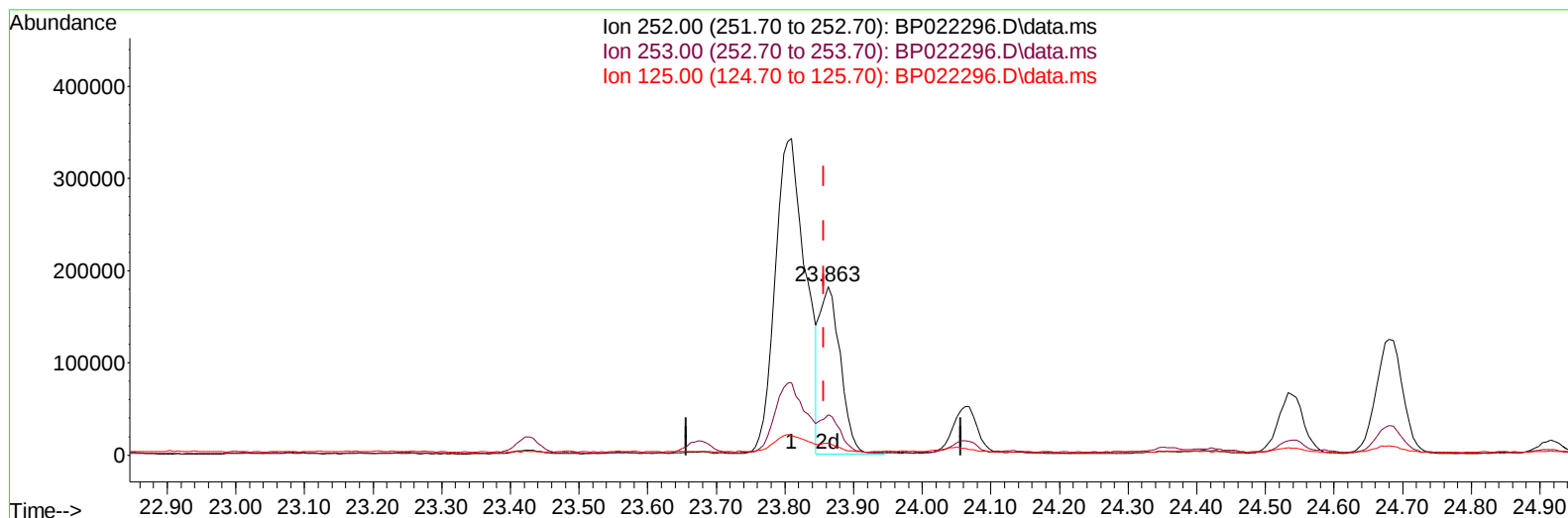
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TIC: BP022296.D\data.ms

(91) Benzo(k)fluoranthene

23.863min (+ 0.006) 5.57 ng/u1 m

response 378505

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.74
125.00	5.70	7.12#
0.00	0.00	0.00

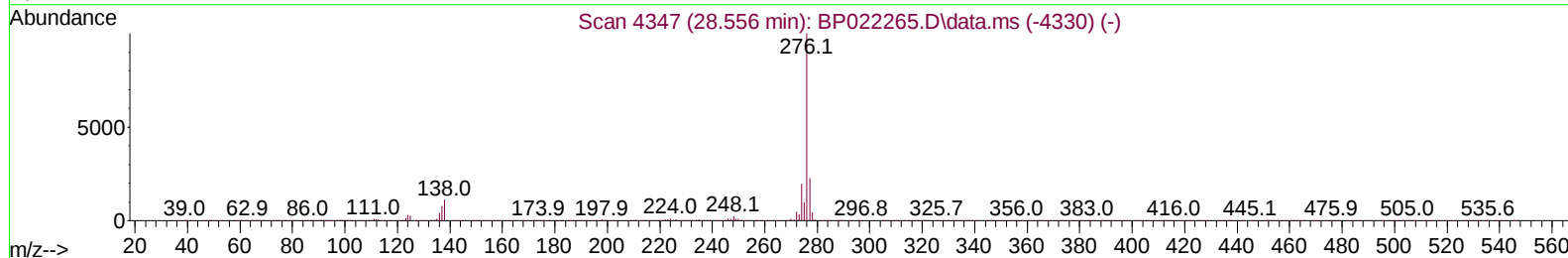
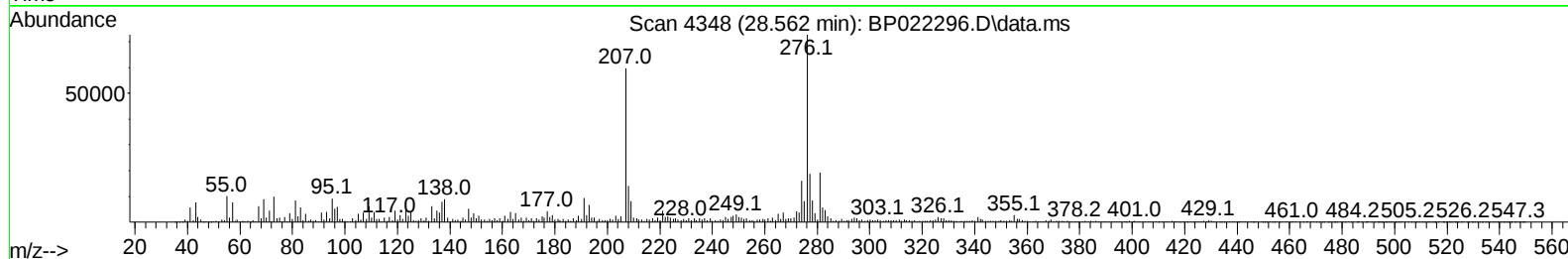
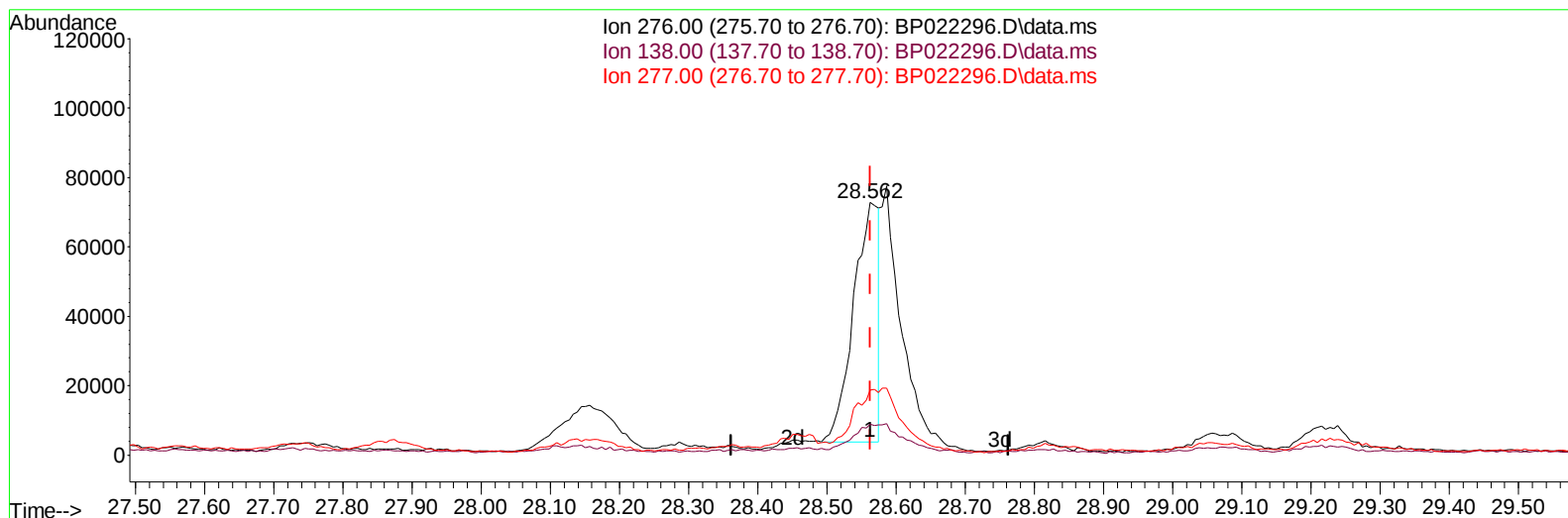
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
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TIC: BP022296.D\data.ms

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

28.562min (+ 0.000) 2.04 ng/u1

response 174188

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	12.09
277.00	23.20	25.68
0.00	0.00	0.00

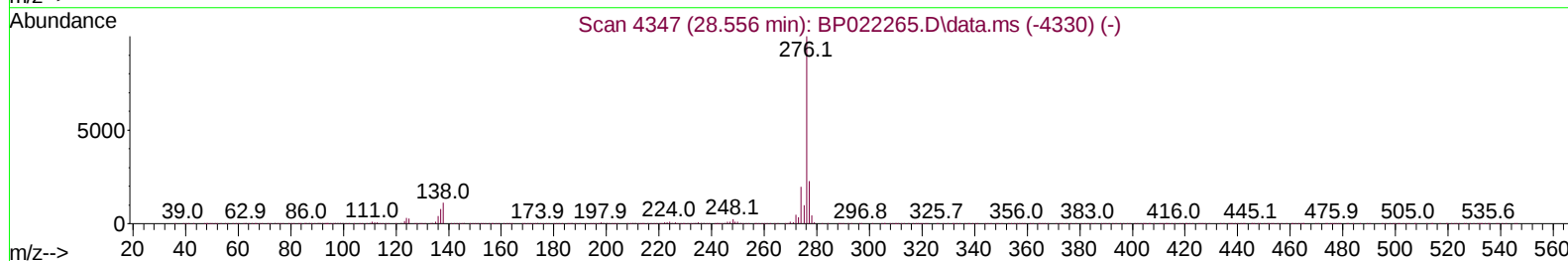
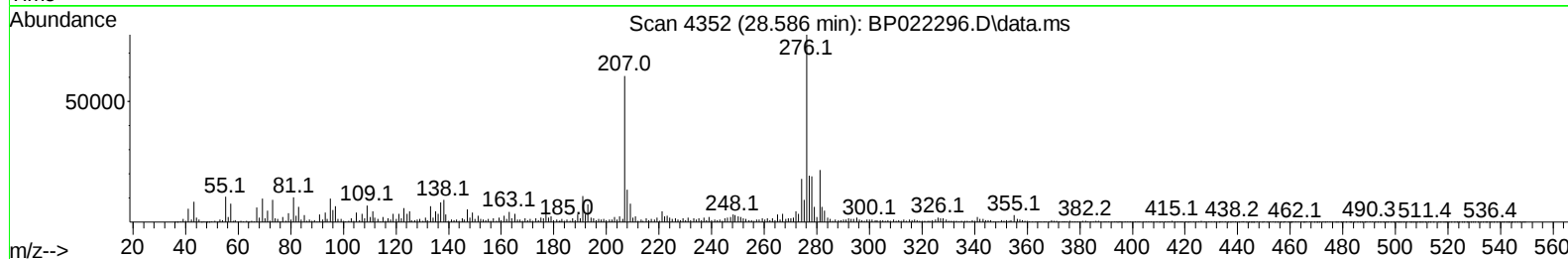
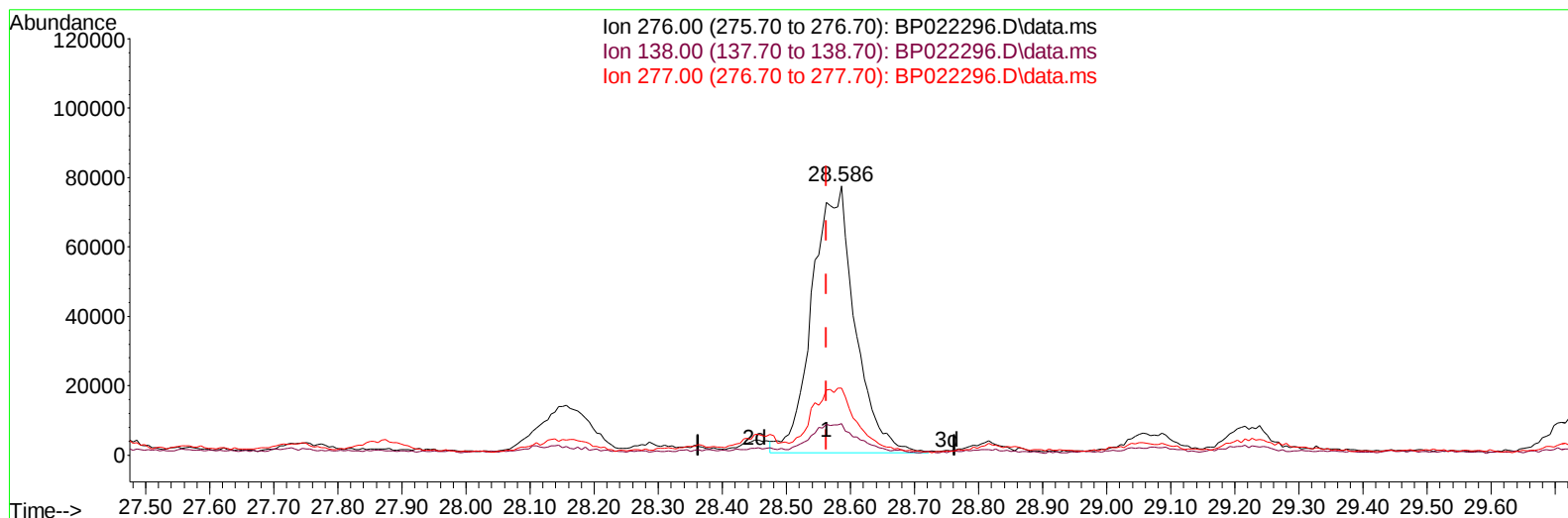
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TIC: BP022296.D\data.ms

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

28.586min (+ 0.024) 4.16 ng/u1 m

response 354863

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	11.77
277.00	23.20	24.93
0.00	0.00	0.00

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152		149682	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136		544858	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164		403274	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188		914994	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240		890253	20.000	ng/ul	0.00
88) Perylene-d12	24.845	264		1102772	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.228	96		4927	1.279	ng/uL	0.00
4) Pyridine-d5	3.658	84		8461m	0.800	ng/ul	0.02
7) Phenol-d5	6.893	99		123401	9.794	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67		74686	10.085	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132		95275	10.657	ng/ul	0.00
15) 4-Methylphenol-d8	8.411	113		78995	7.856	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128		45882	10.952	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143		54753	11.289	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165		108110	10.487	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131		31004	2.545	ng/ul	0.01
46) Dimethylphthalate-d6	13.716	166		337829	10.544	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160		373549	10.977	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143		44187	8.220	ng/ul	0.02
60) Fluorene-d10	15.328	176		309993	11.154	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.451	200		34830	5.788	ng/ul	0.00
73) Anthracene-d10	17.210	188		489751	11.378	ng/ul	0.00
81) Pyrene-d10	19.598	212		470963	10.004	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.616	264		367654	6.243	ng/ul	0.02
Target Compounds							
						Qvalue	
16) Acetophenone	8.516	105		21113	1.272	ng/ul#	90
50) Acenaphthylene	14.034	152		45166	1.279	ng/ul	94
52) Acenaphthene	14.381	153		27510	1.101	ng/ul	98
61) Fluorene	15.381	166		47016	1.538	ng/ul	99
72) Phenanthrene	17.151	178		882911	18.036	ng/ul	100
74) Anthracene	17.251	178		169300	3.466	ng/ul	99
77) Carbazole	17.528	167		57280	1.325	ng/ul	97
80) Fluoranthene	19.251	202		1617593	29.888	ng/ul	99
82) Pyrene	19.628	202		1033508	17.817	ng/ul	98
85) Benzo(a)anthracene	21.527	228		731332	11.718	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.463	149		187521	6.469	ng/ul	99
87) Chrysene	21.598	228		748889	12.941	ng/ul	97
90) Benzo(b)fluoranthene	23.810	252		1050810	15.138	ng/ul	99
91) Benzo(k)fluoranthene	23.863	252		378505m	5.569	ng/ul	
93) Benzo(a)pyrene	24.680	252		341012	5.338	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.586	276		354863m	4.162	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278		141390	2.048	ng/ul#	90

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

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