

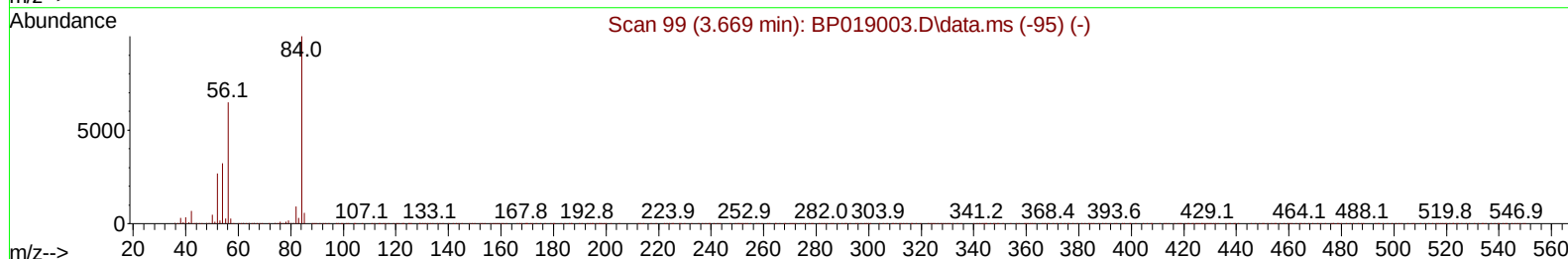
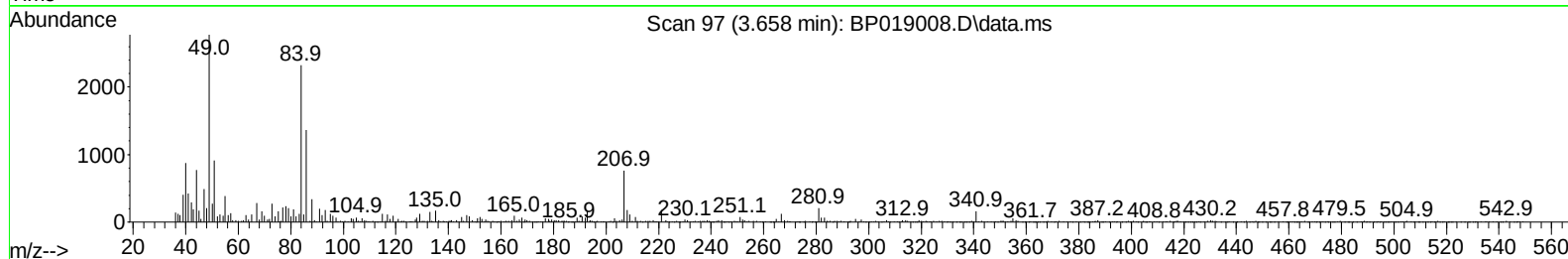
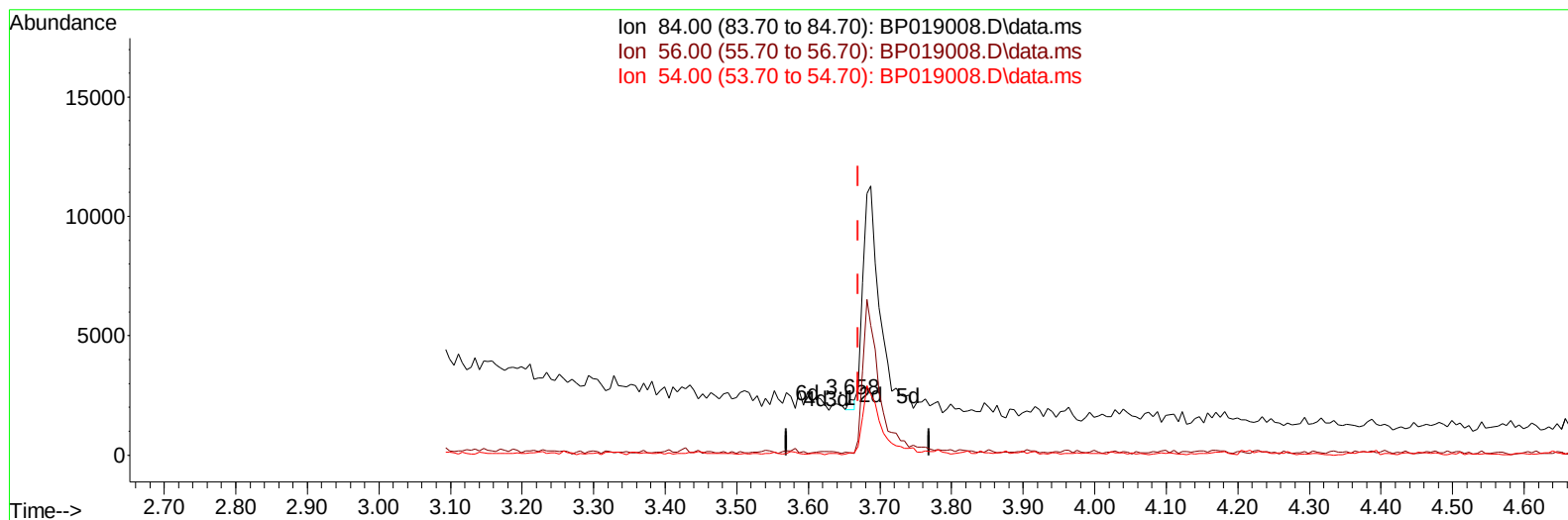
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019008.D
 Acq On : 21 Dec 2023 20:13
 Operator : MA/JU
 Sample : 05626-12ME
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF8ME

Manual IntegrationsAPPROVED

Quant Time: Dec 22 08:48:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/25/2023



TIC: BP019008.D\data.ms

(4) Pyridine-d5 (S)

3.658min (-0.012) 0.02 ng/uI

response	281	
Ion	Exp%	Act%
84.00	100.00	100.00
56.00	63.30	4.60#
54.00	29.80	3.91#
0.00	0.00	0.00

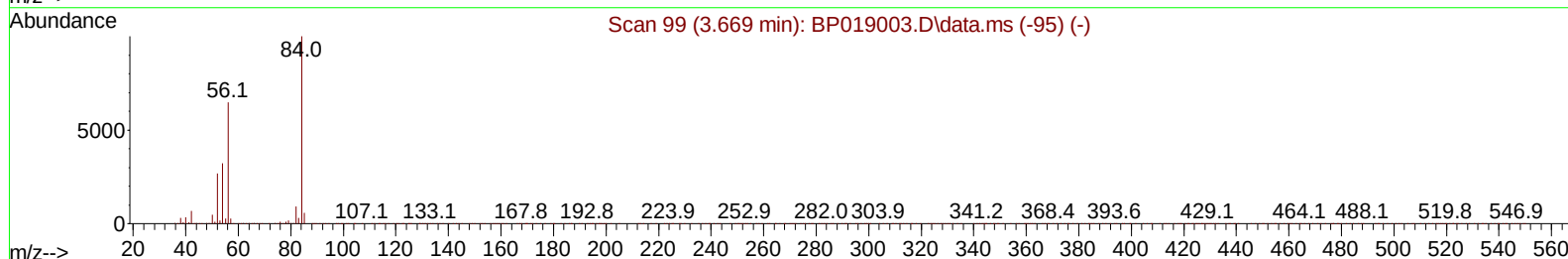
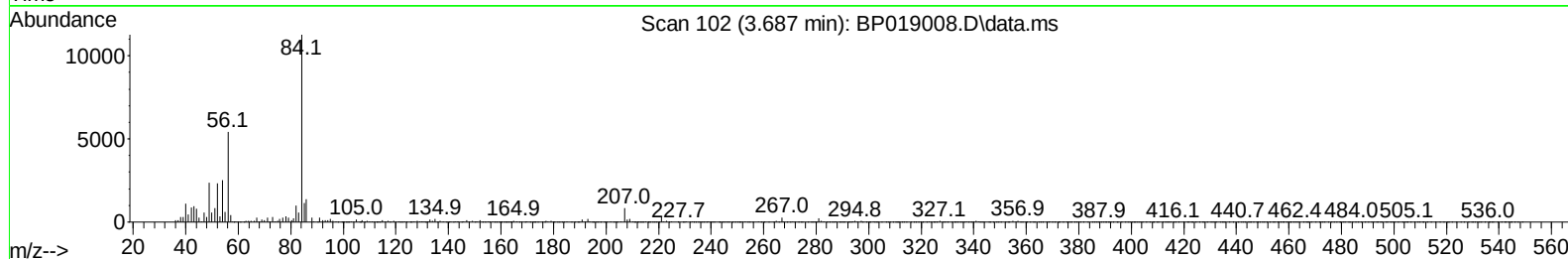
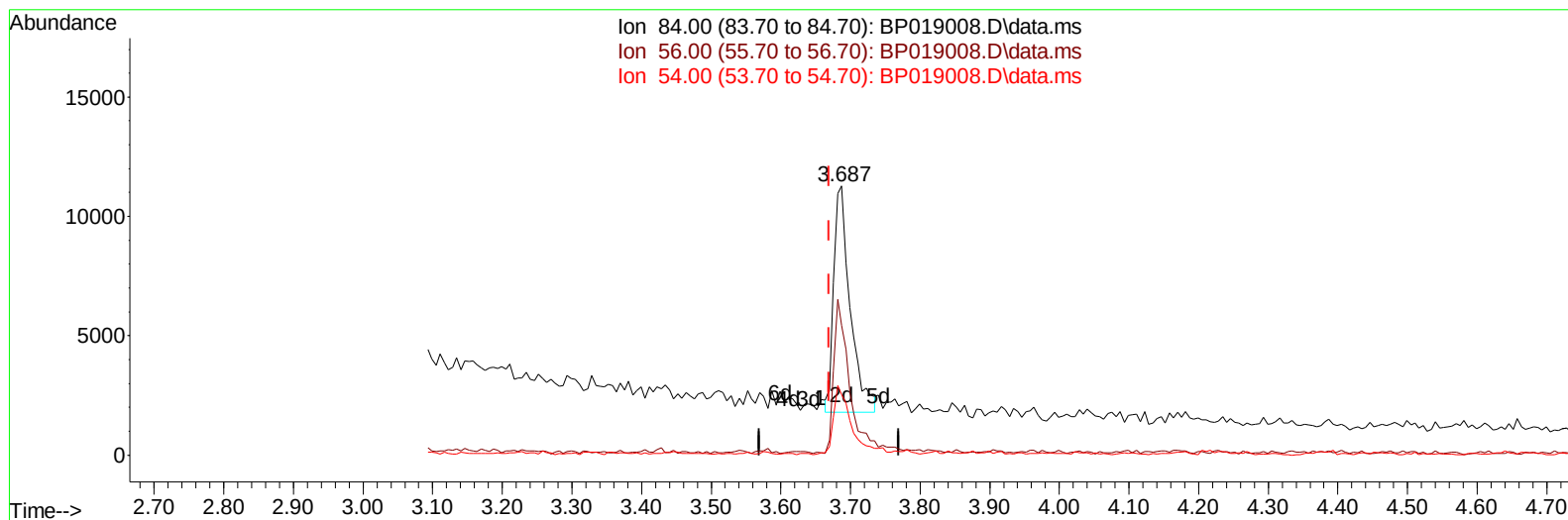
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TIC: BP019008.D\data.ms

(4) Pyridine-d5 (S)

3.687min (+ 0.018) 1.27 ng/ul m

response 15499

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	63.30	48.18#
54.00	29.80	22.42#
0.00	0.00	0.00

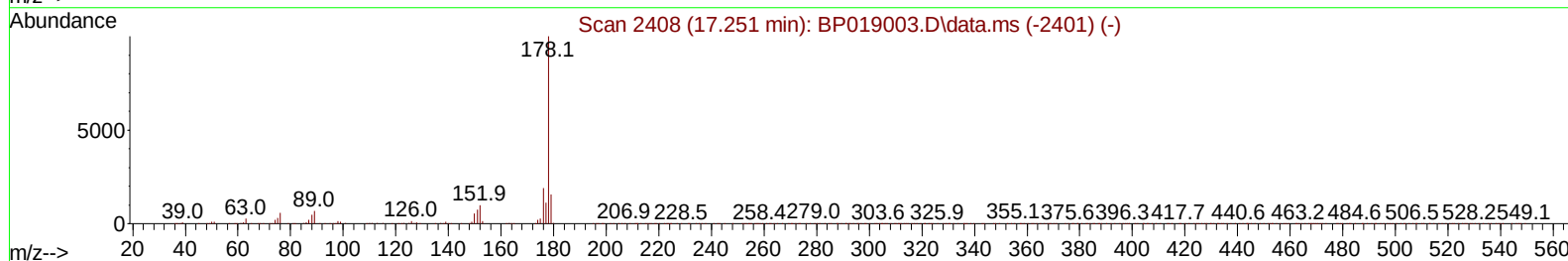
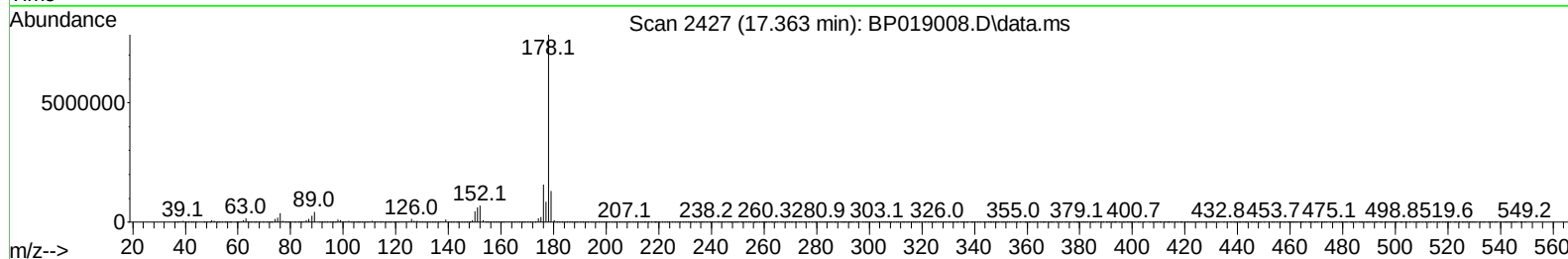
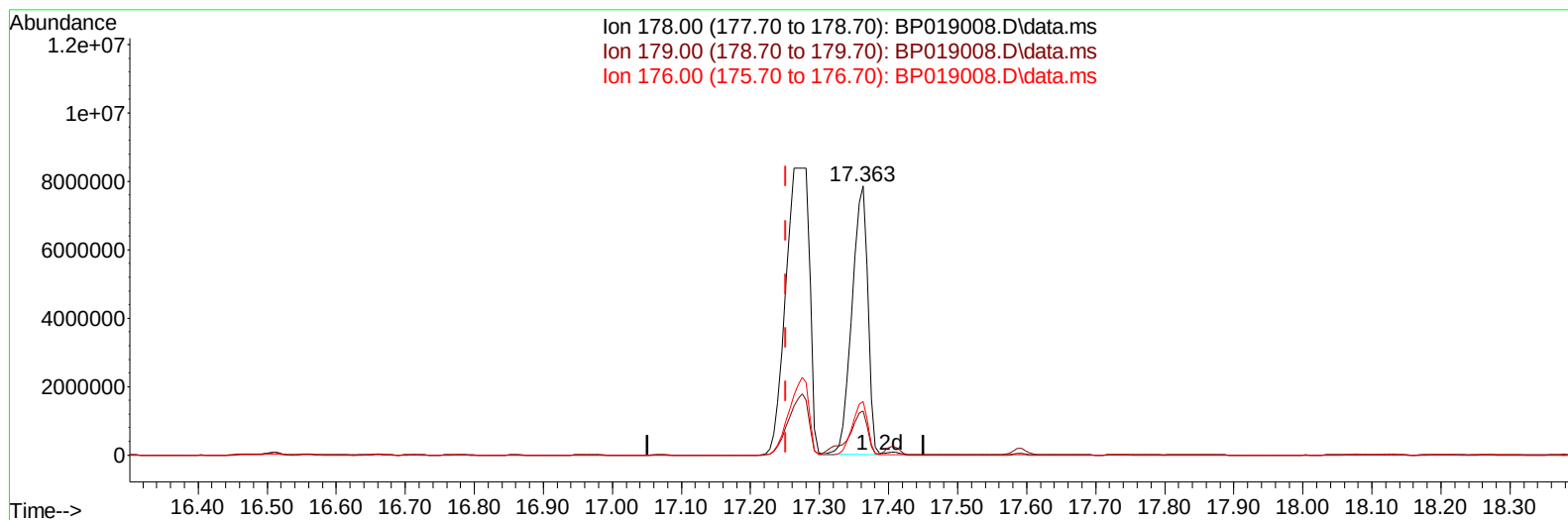
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Instrument :
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TIC: BP019008.D\data.ms

(72) Phenanthrene

17.363min (+ 0.112) 226.56 ng/uL

response 12557536

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	16.50
176.00	19.30	20.01
0.00	0.00	0.00

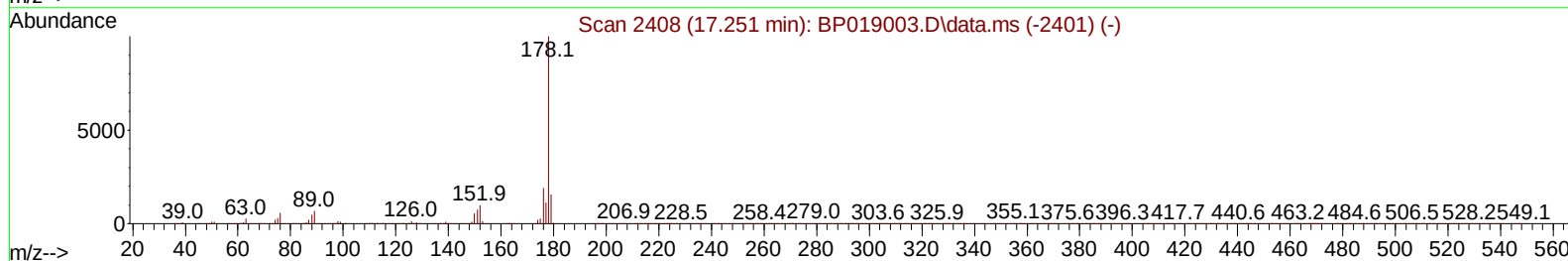
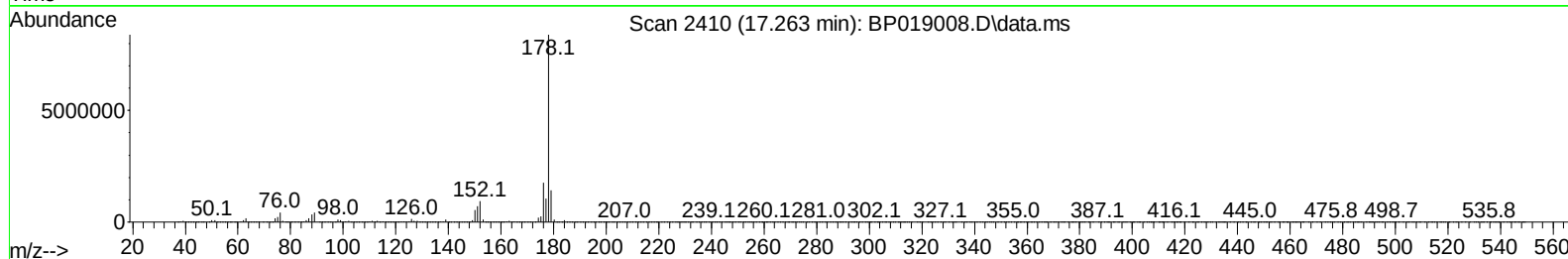
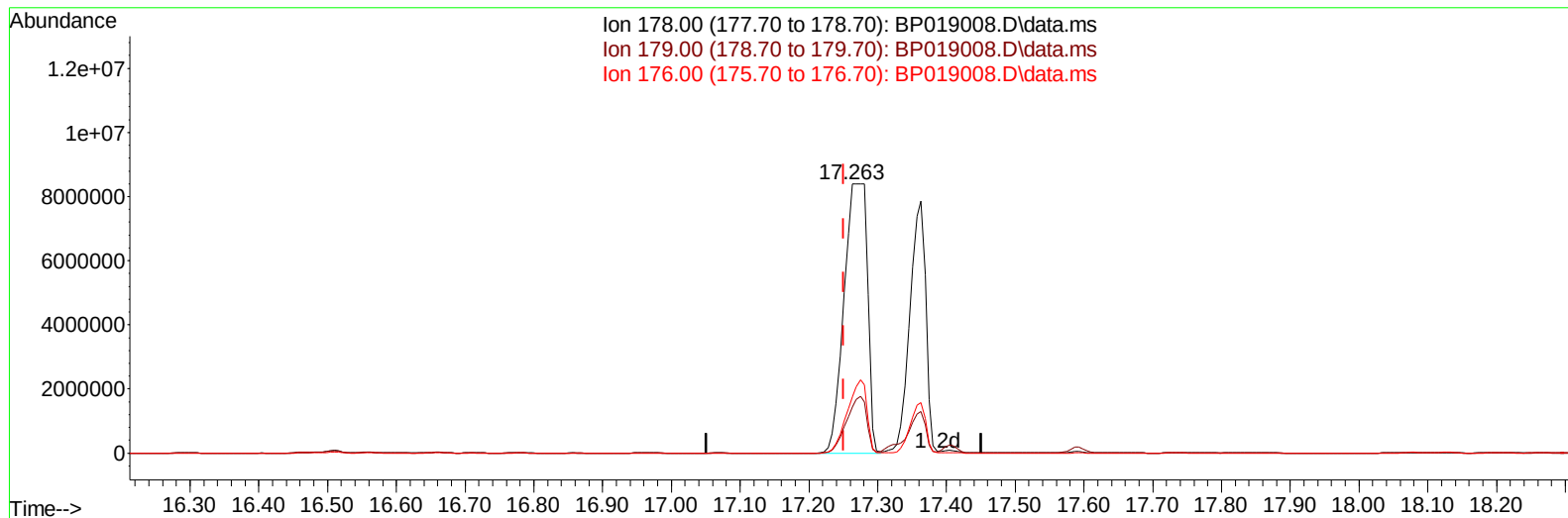
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TIC: BP019008.D\data.ms

(72) Phenanthrene

17.263min (+ 0.012) 360.36 ng/ul m

response 19973488

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	17.07
176.00	19.30	20.98
0.00	0.00	0.00

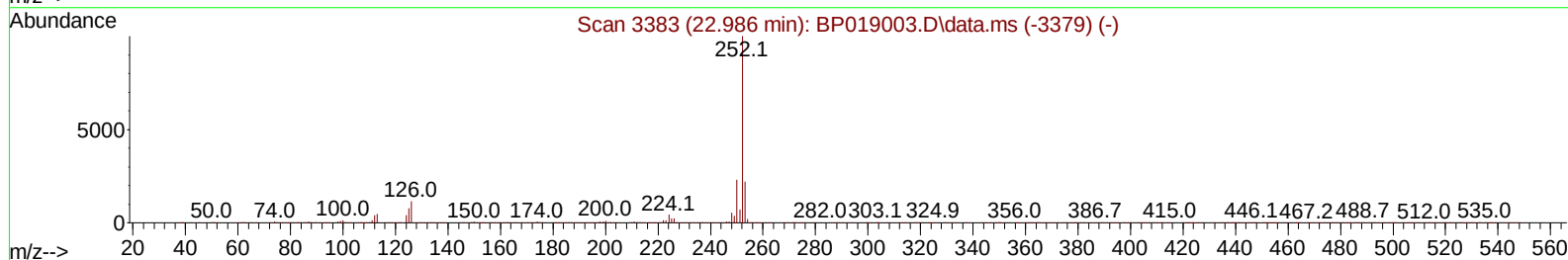
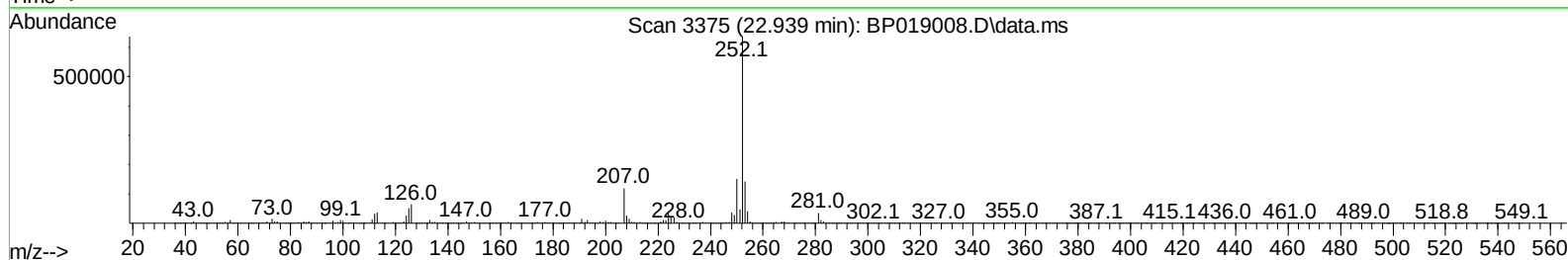
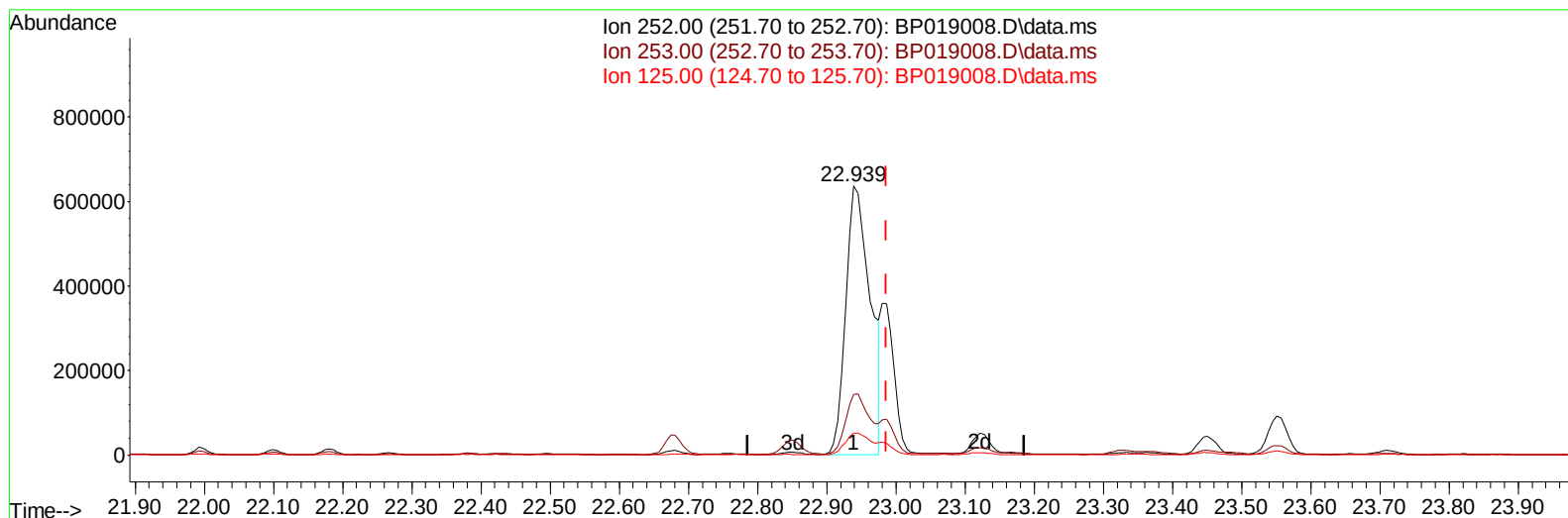
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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TIC: BP019008.D\data.ms

(91) Benzo(k)fluoranthene

22.939min (-0.047) 18.99 ng/u1

response 1559515

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.46
125.00	10.00	8.19
0.00	0.00	0.00

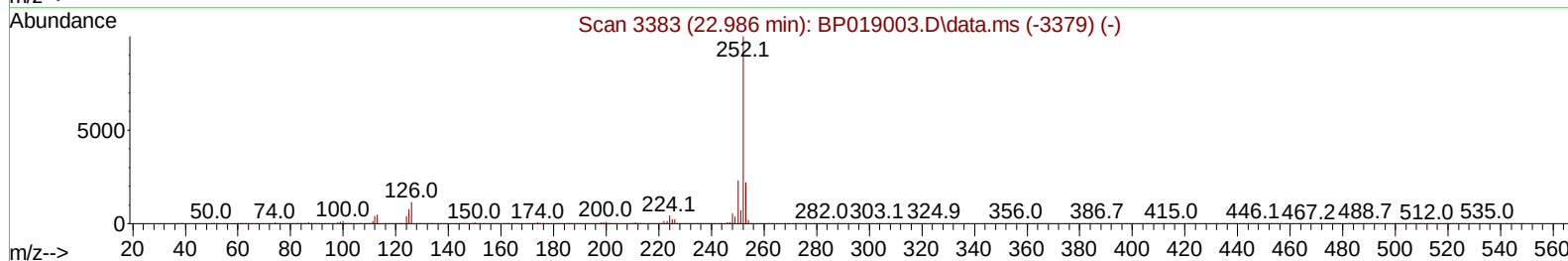
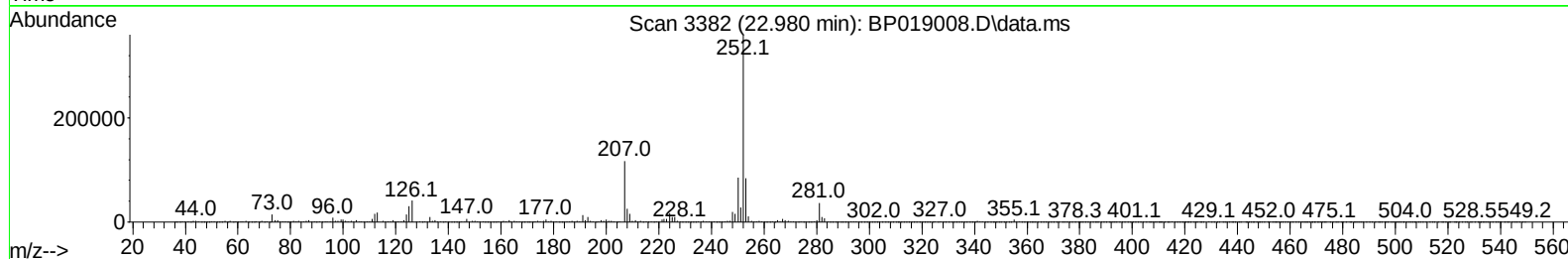
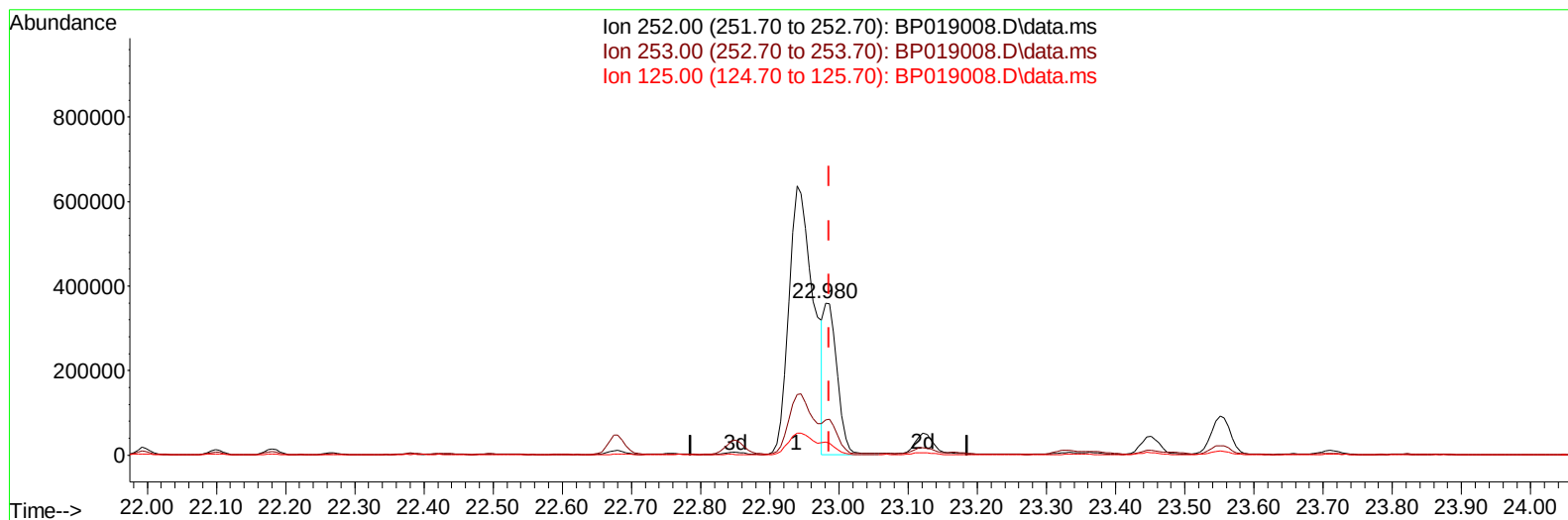
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 Operator : MA/JU
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BP019008.D\data.ms

(91) Benzo(k)fluoranthene

22.980min (-0.006) 5.80 ng/ul m

response 476443

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.33
125.00	10.00	8.43
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	7.822	152		155329	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136		622835	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164		414771	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188		917717	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240		931000	20.000	ng/ul	# 0.00
88) Perylene-d12	23.657	264		1151095	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.258	96		5436	1.193	ng/uL	0.00
4) Pyridine-d5	3.687	84		15499m	1.269	ng/ul	0.02
7) Phenol-d5	6.993	99		103370	6.631	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67		70396	7.620	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132		90137	7.411	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113		53656	4.253	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128		47835	8.629	ng/ul	0.00
24) 2-Nitrophenol-d4	9.705	143		55842	9.716	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165		97330	8.282	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131		85016	5.535	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166		349979	9.454	ng/ul	0.00
49) Acenaphthylene-d8	14.146	160		361600	8.871	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143		41124	6.768	ng/ul	0.01
60) Fluorene-d10	15.451	176		310403	9.989	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200		46182	8.393	ng/ul	0.01
73) Anthracene-d10	17.316	188		453542	9.401	ng/ul	0.01
81) Pyrene-d10	19.545	212		297904	4.111	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264		181811	2.709	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.669	128		4990646	132.085	ng/ul	99
36) 2-Methylnaphthalene	12.281	142		2846628	106.347	ng/ul	98
37) 1-Methylnaphthalene	12.499	142		1398298	51.728	ng/ul	99
50) Acenaphthylene	14.175	152		126516	2.761	ng/ul#	86
52) Acenaphthene	14.528	153		5748726	189.713	ng/ul	99
61) Fluorene	15.516	166		7125458	213.817	ng/ul	99
72) Phenanthrene	17.263	178		19973488m	360.364	ng/ul	
74) Anthracene	17.363	178		12564231	226.149	ng/ul	98
80) Fluoranthene	19.233	202		13915836	162.447	ng/ul#	90
82) Pyrene	19.581	202		4887437	56.555	ng/ul#	90
85) Benzo(a)anthracene	21.286	228		2817198	37.280	ng/ul	99
87) Chrysene	21.339	228		2332794	33.522	ng/ul	97
90) Benzo(b)fluoranthene	22.939	252		1559515	18.375	ng/ul	97
91) Benzo(k)fluoranthene	22.980	252		476443m	5.802	ng/ul	
93) Benzo(a)pyrene	23.551	252		176217	2.272	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.098	276		110707	1.195	ng/ul	95
95) Dibenzo(a,h)anthracene	26.110	278		83685	1.086	ng/ul#	90

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

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