

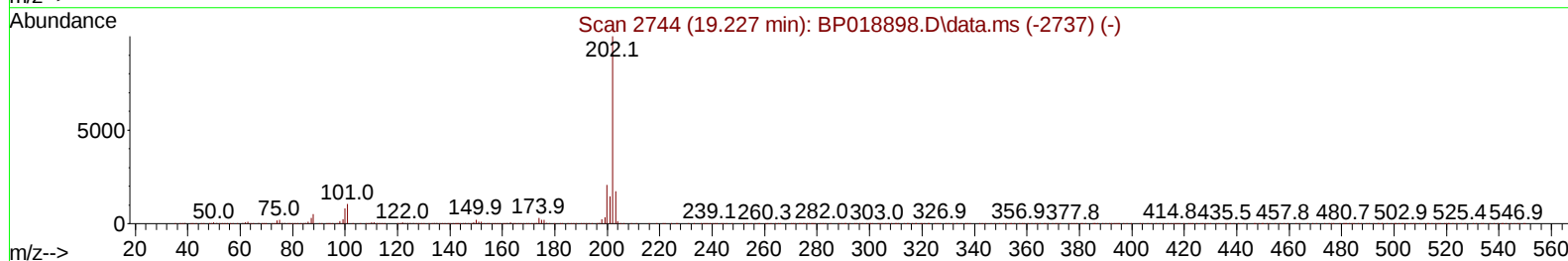
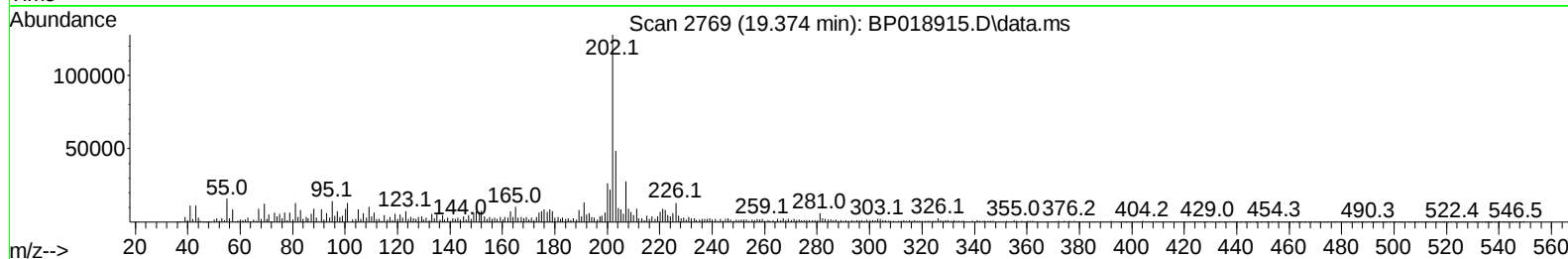
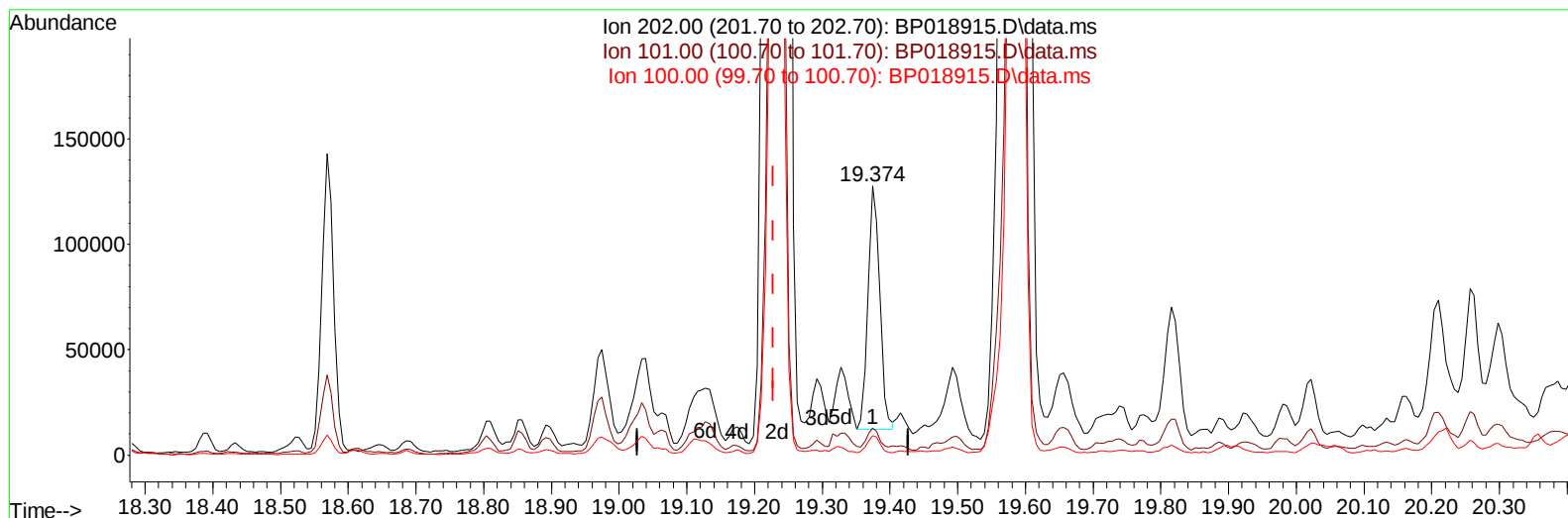
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018915.D
 Acq On : 18 Dec 2023 19:51
 Operator : MA/JU
 Sample : 05818-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRG7

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:43:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018915.D\data.ms

(80) Fluoranthene

19.374min (+ 0.147) 1.49 ng/u1

response 140423

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	10.07
100.00	8.90	7.29
0.00	0.00	0.00

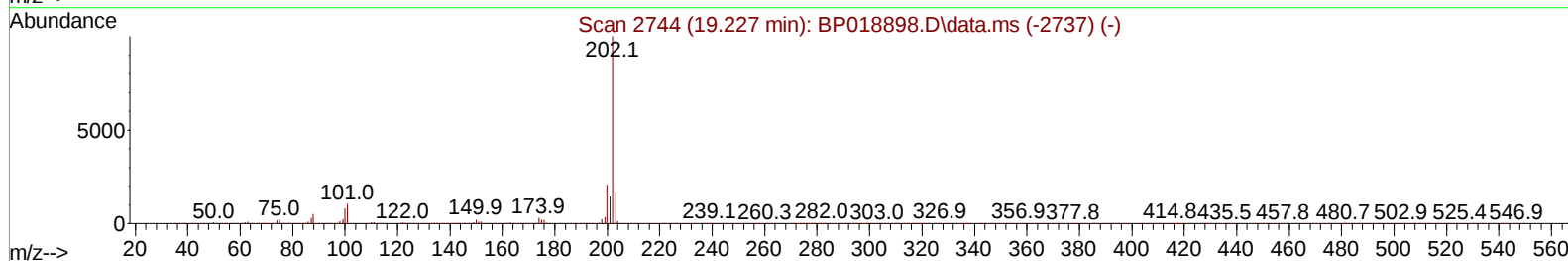
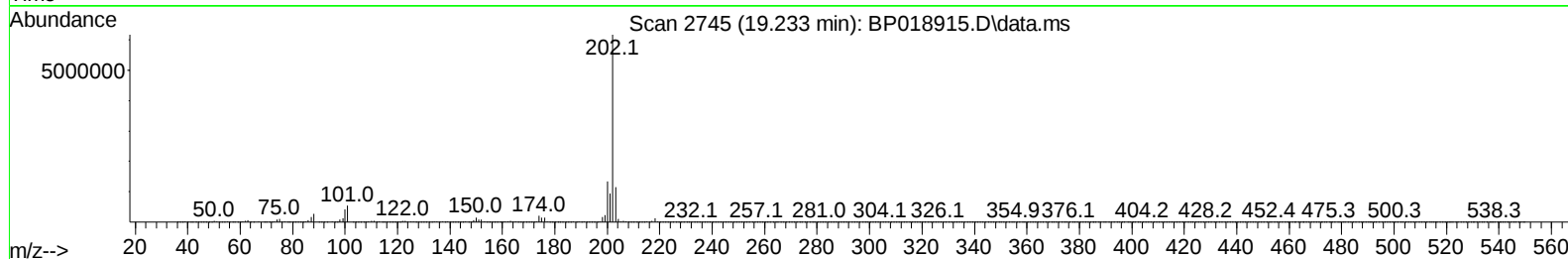
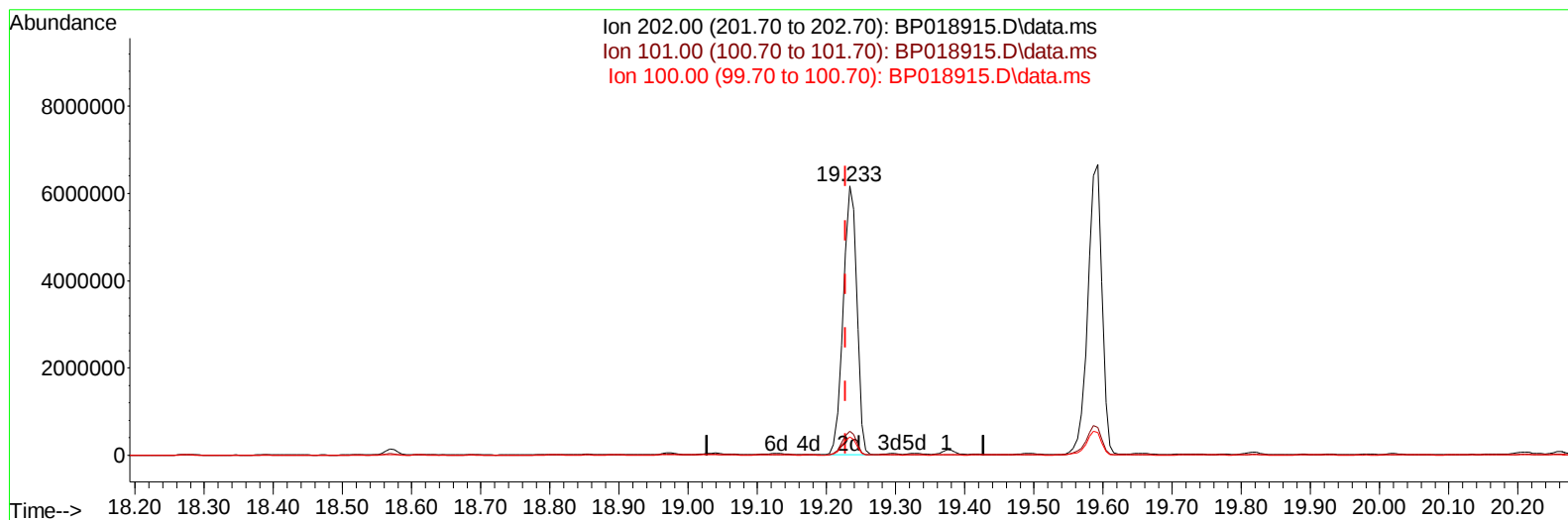
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TIC: BP018915.D\data.ms

(80) Fluoranthene

19.233min (+ 0.006) 89.69 ng/ul m

response 8452412

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	8.76#
100.00	8.90	6.78#
0.00	0.00	0.00

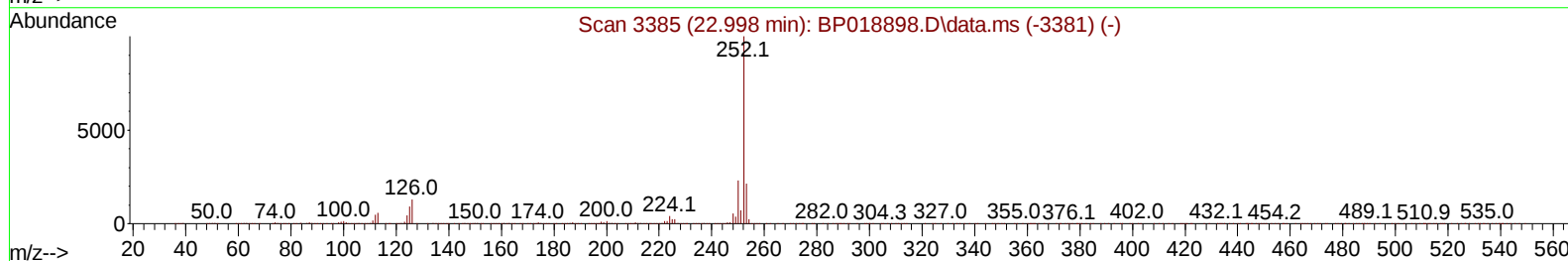
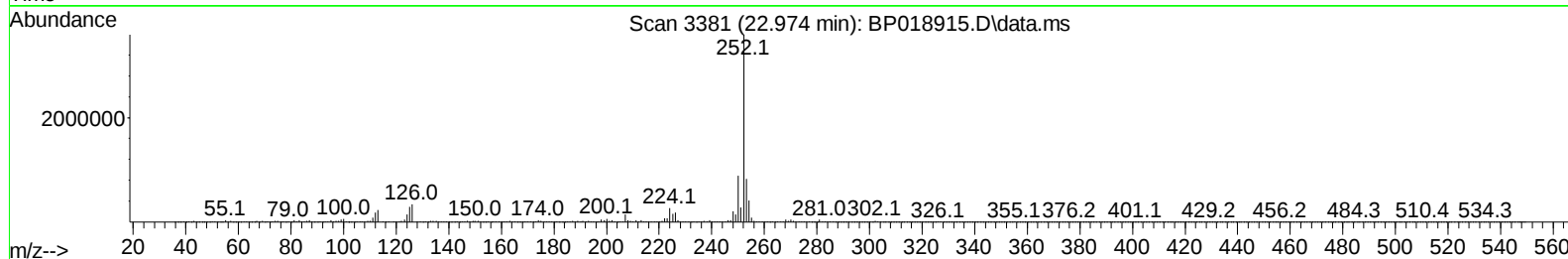
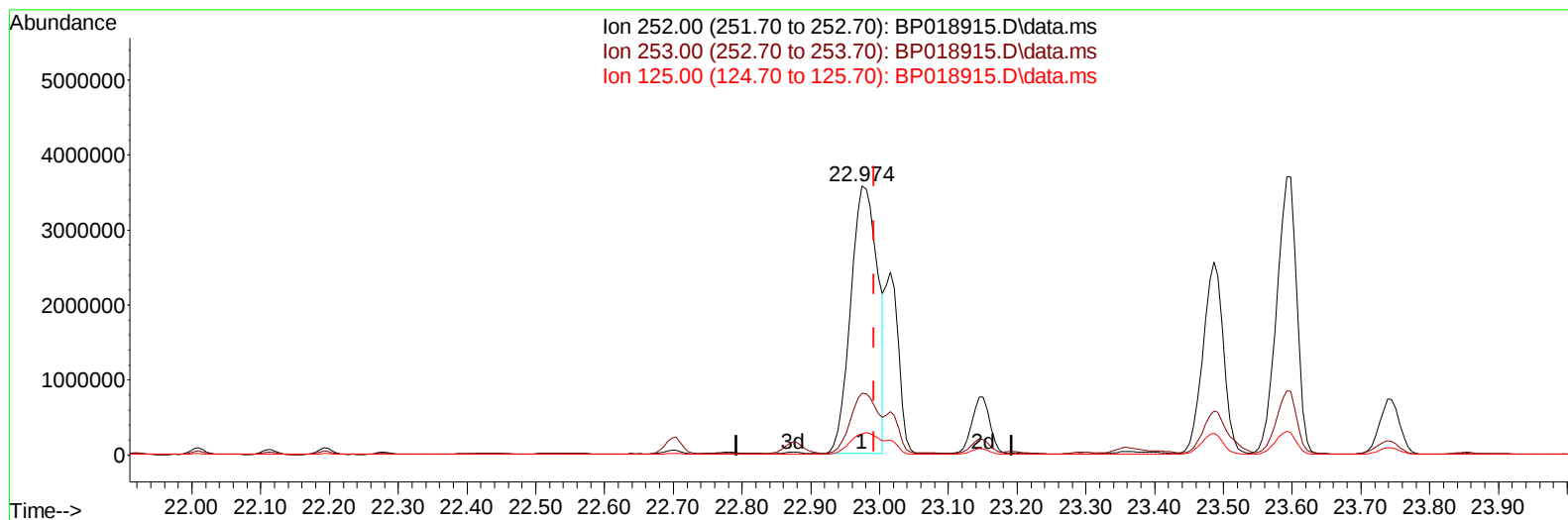
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TIC: BP018915.D\data.ms

(91) Benzo(k)fluoranthene

22.974min (-0.018) 102.25 ng/u1

response 9742532

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.98
125.00	10.00	8.02
0.00	0.00	0.00

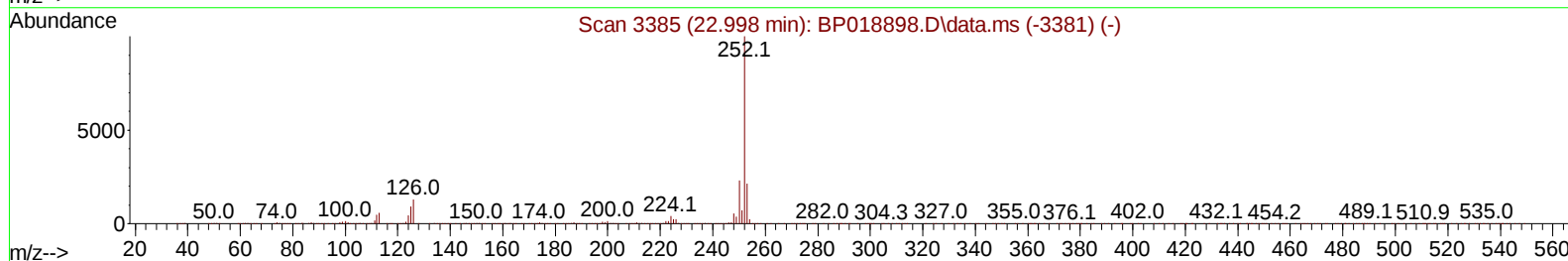
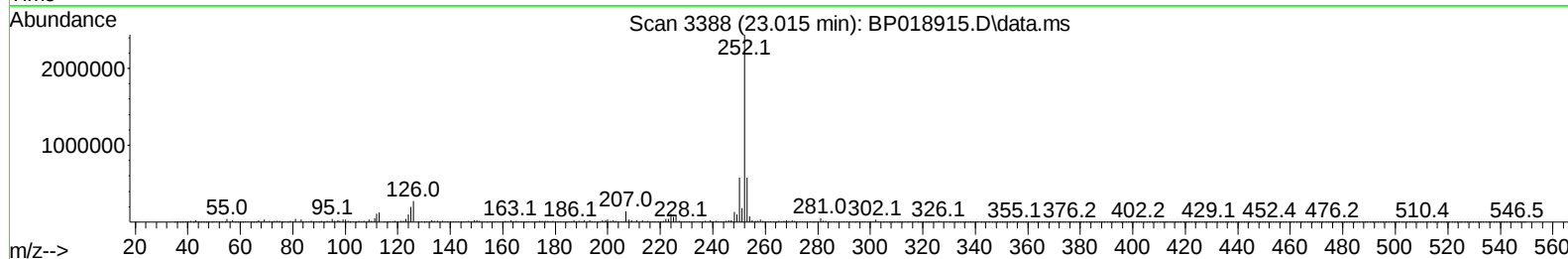
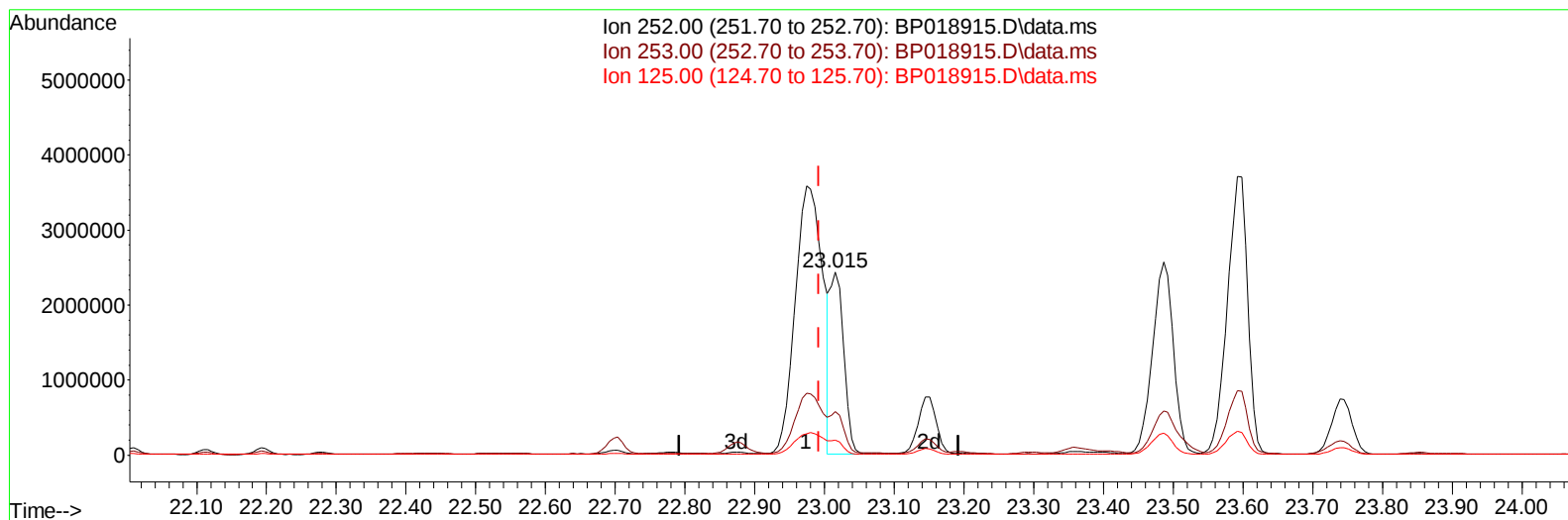
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TIC: BP018915.D\data.ms

(91) Benzo(k)fluoranthene

23.015min (+ 0.023) 34.34 ng/ul m

response 3271869

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.65
125.00	10.00	8.23
0.00	0.00	0.00

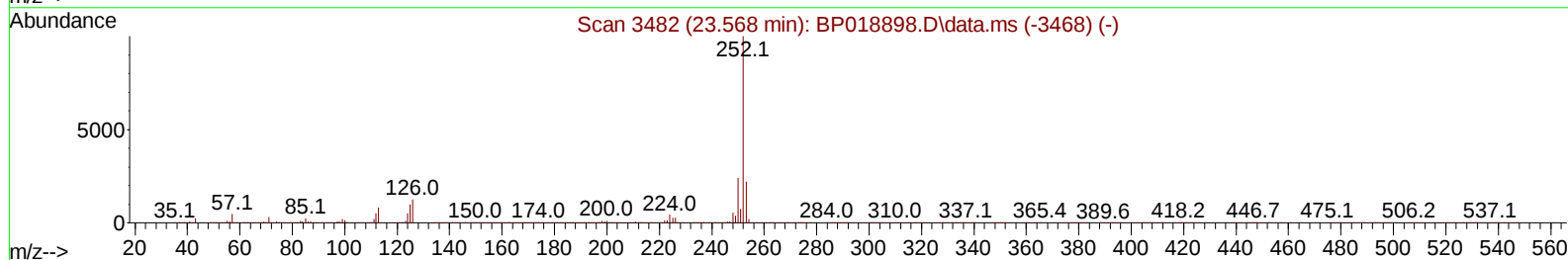
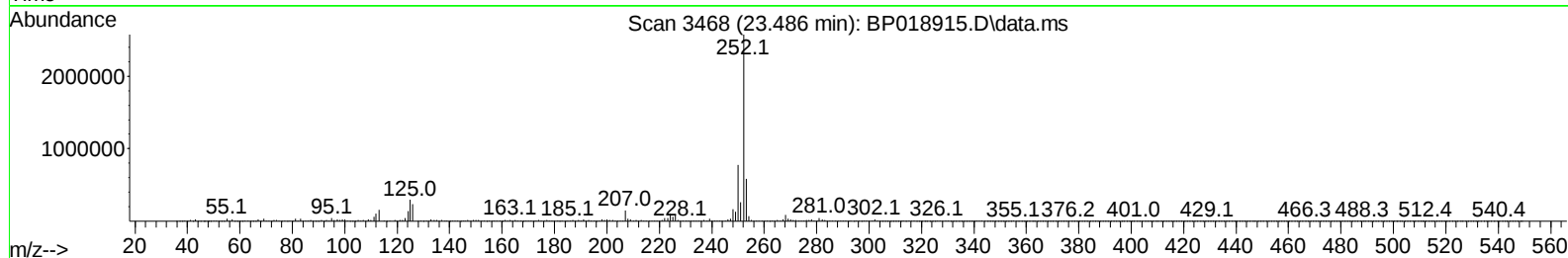
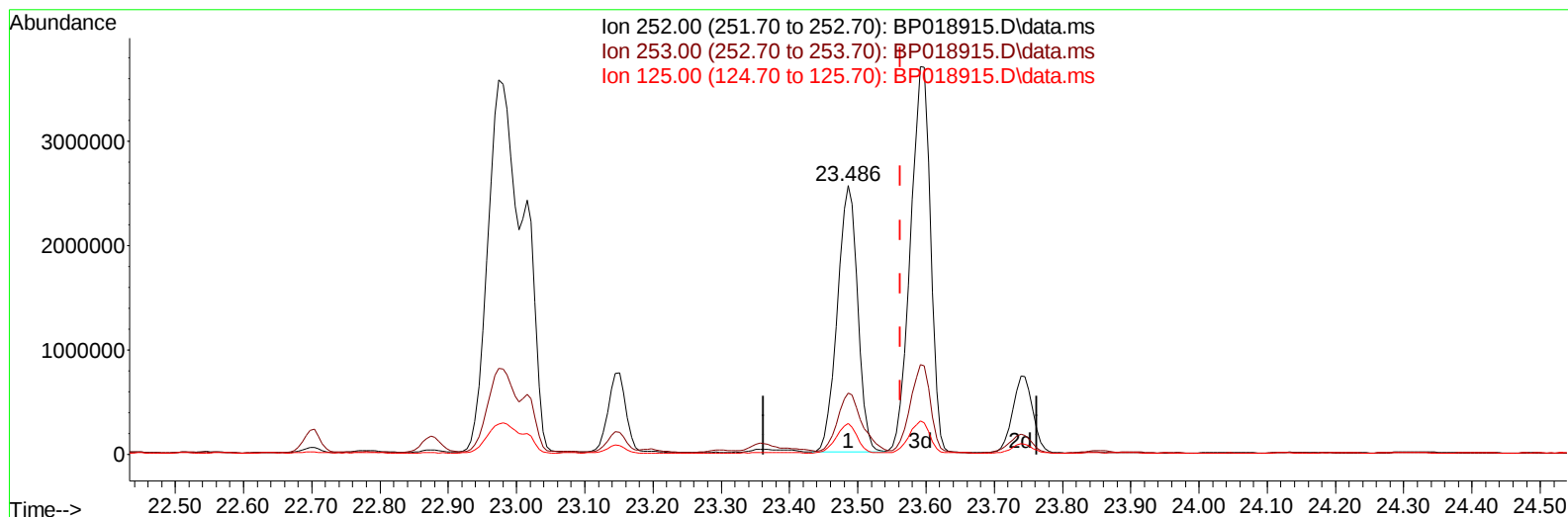
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 Sample : 05818-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Reviewed By :Yogesh Patel 12/19/2023
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TIC: BP018915.D\data.ms

(93) Benzo(a)pyrene (C)

23.486min (-0.077) 58.67 ng/u1

response 5279523

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.81
125.00	11.50	11.45
0.00	0.00	0.00

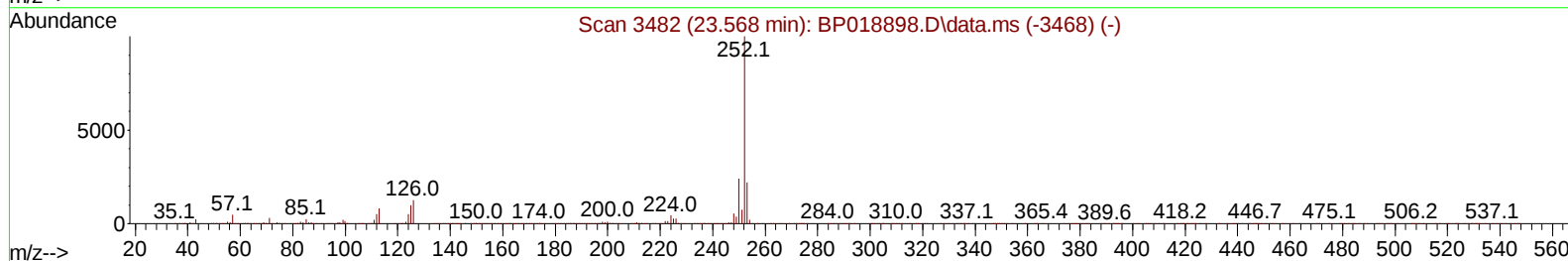
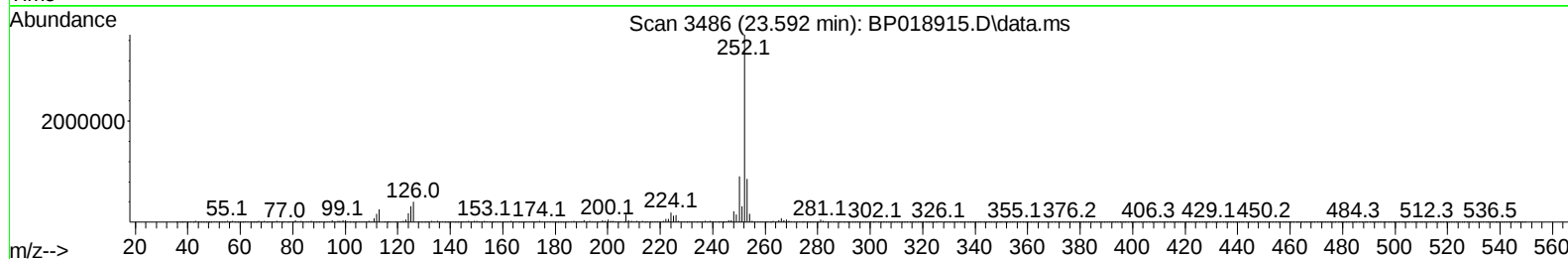
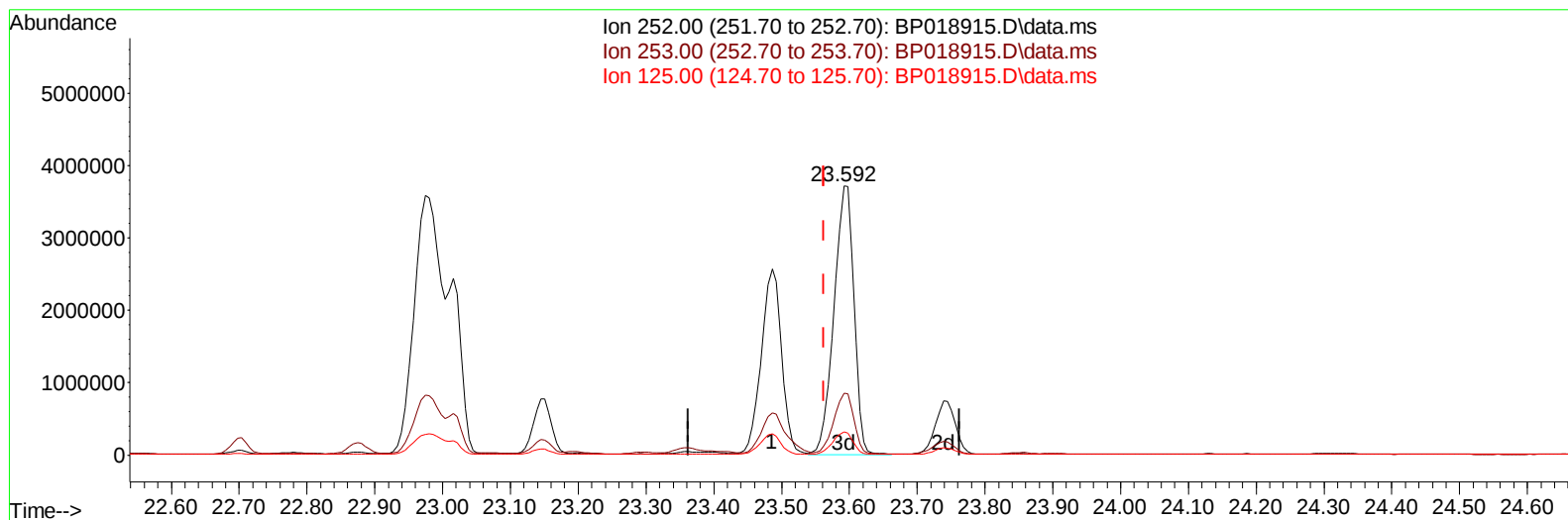
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Instrument :
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TIC: BP018915.D\data.ms

(93) Benzo(a)pyrene (C)

23.592min (+ 0.029) 84.89 ng/ul m

response 7638837

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.12
125.00	11.50	8.65#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	207109	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	763494	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	485620	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1128822	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1024157	20.000	ng/ul	# 0.01
88) Perylene-d12	23.686	264	1335639	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	18249	3.003	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.005	99	301698	14.516	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	171742	13.942	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	245600	15.144	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	226581	13.471	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	114571	16.860	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	122266	17.355	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	245308	17.028	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	193688	10.288	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	714047	16.475	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	858105	17.980	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	58744	8.257	ng/ul	0.01
60) Fluorene-d10	15.457	176	673312	18.507	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	17675	2.611	ng/ul	0.00
73) Anthracene-d10	17.316	188	1106528	18.646	ng/ul	0.00
81) Pyrene-d10	19.557	212	1276580	16.013	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	1347352	17.301	ng/ul	0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.975	77	11764	1.096	ng/ul	93
8) Phenol	7.034	94	38575	1.893	ng/ul	95
16) Acetophenone	8.657	105	210773	8.408	ng/ul	98
30) Naphthalene	10.675	128	60386	1.304	ng/ul	98
50) Acenaphthylene	14.187	152	345110	6.432	ng/ul	99
52) Acenaphthene	14.528	153	66546	1.876	ng/ul	99
56) Dibenzofuran	14.863	168	85006	1.724	ng/ul	99
61) Fluorene	15.510	166	88825	2.277	ng/ul	95
72) Phenanthrene	17.257	178	3049866	44.735	ng/ul	100
74) Anthracene	17.351	178	947752	13.869	ng/ul	99
77) Carbazole	17.622	167	281661	5.171	ng/ul	98
80) Fluoranthene	19.233	202	8452412m	89.695	ng/ul	
82) Pyrene	19.592	202	9492142	99.848	ng/ul#	90
85) Benzo(a)anthracene	21.298	228	6882472	82.792	ng/ul	96
87) Chrysene	21.351	228	6895626	90.077	ng/ul	96
90) Benzo(b)fluoranthene	22.974	252	9742532	98.931	ng/ul	97
91) Benzo(k)fluoranthene	23.015	252	3271869m	34.338	ng/ul	
93) Benzo(a)pyrene	23.592	252	7638837m	84.893	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.174	276	5708533	53.098	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.180	278	1687906	18.873	ng/ul#	80
96) Benzo(g,h,i)perylene	26.927	276	2035484	23.526	ng/ul#	94

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

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

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