

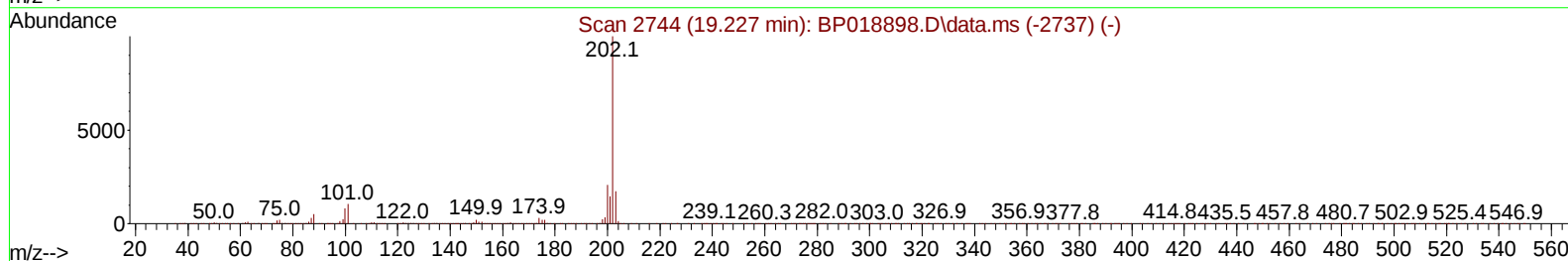
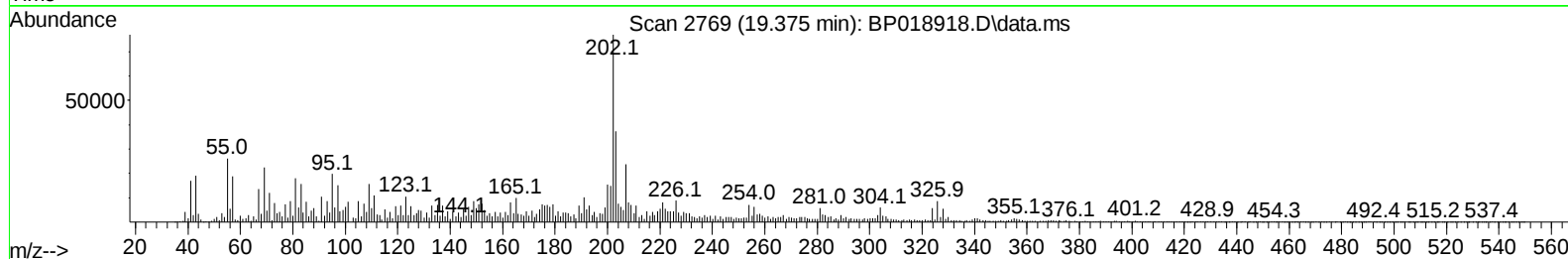
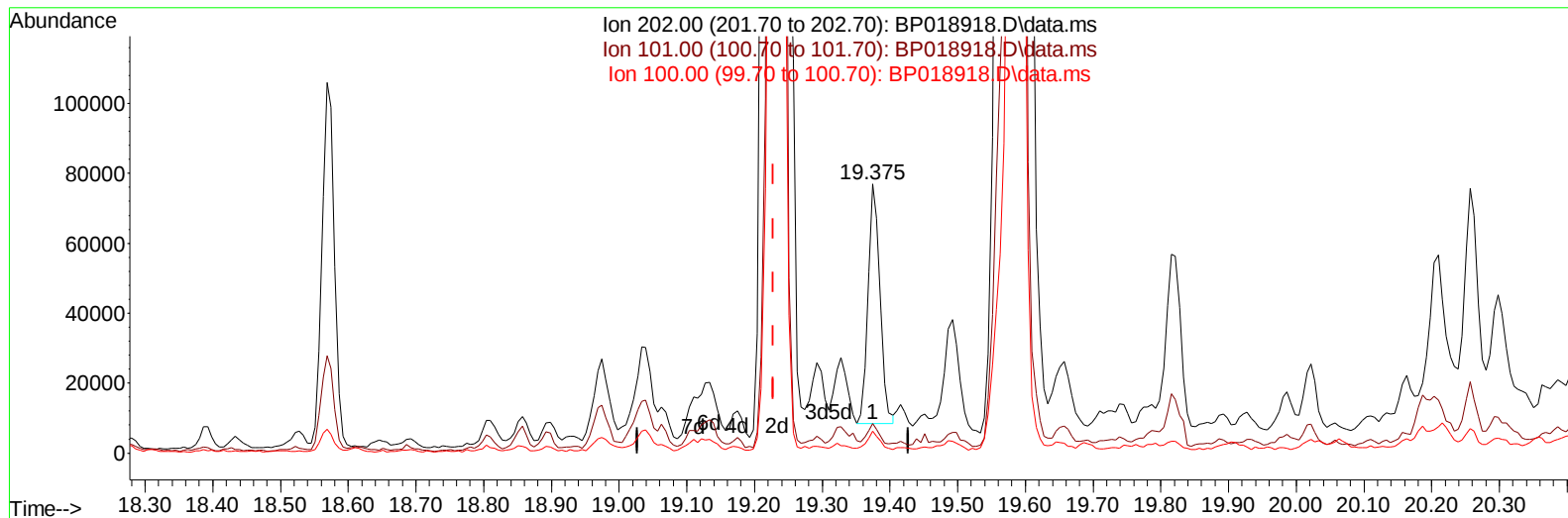
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018918.D
 Acq On : 18 Dec 2023 21:34
 Operator : MA/JU
 Sample : 05794-23
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRG4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 23:51:38 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: BP018918.D\data.ms

(80) Fluoranthene

19.375min (+ 0.147) 1.09 ng/u1

response 84032

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	10.90
100.00	8.90	8.27
0.00	0.00	0.00

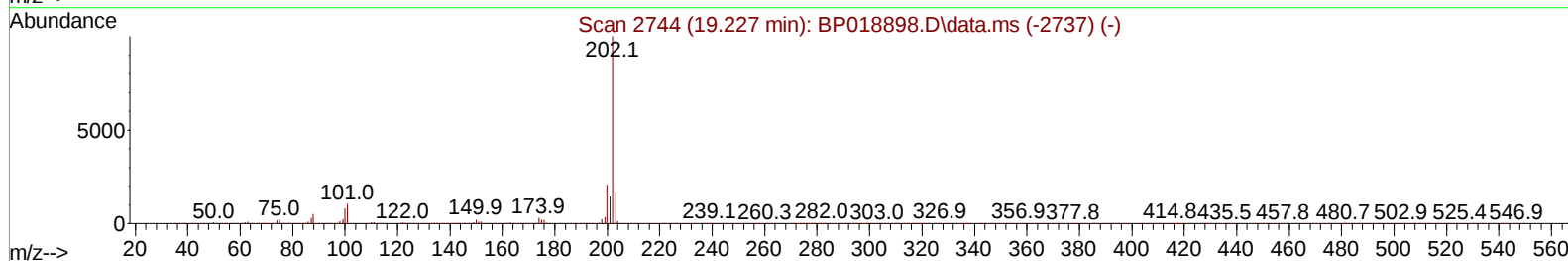
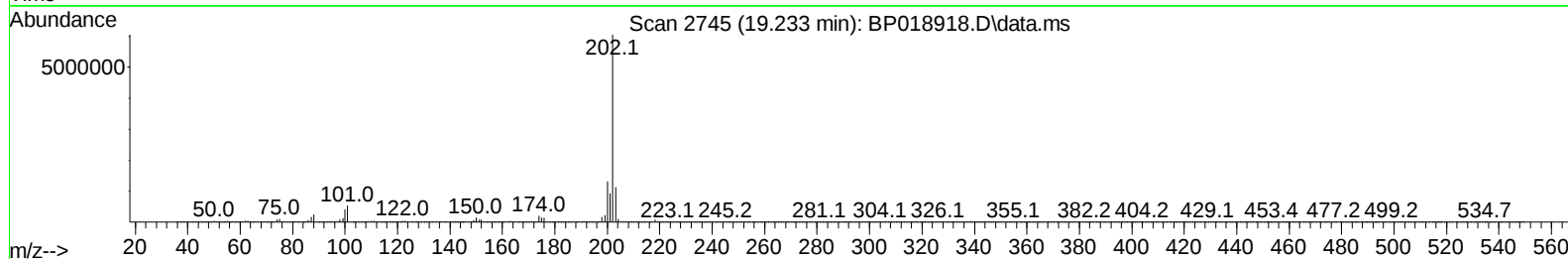
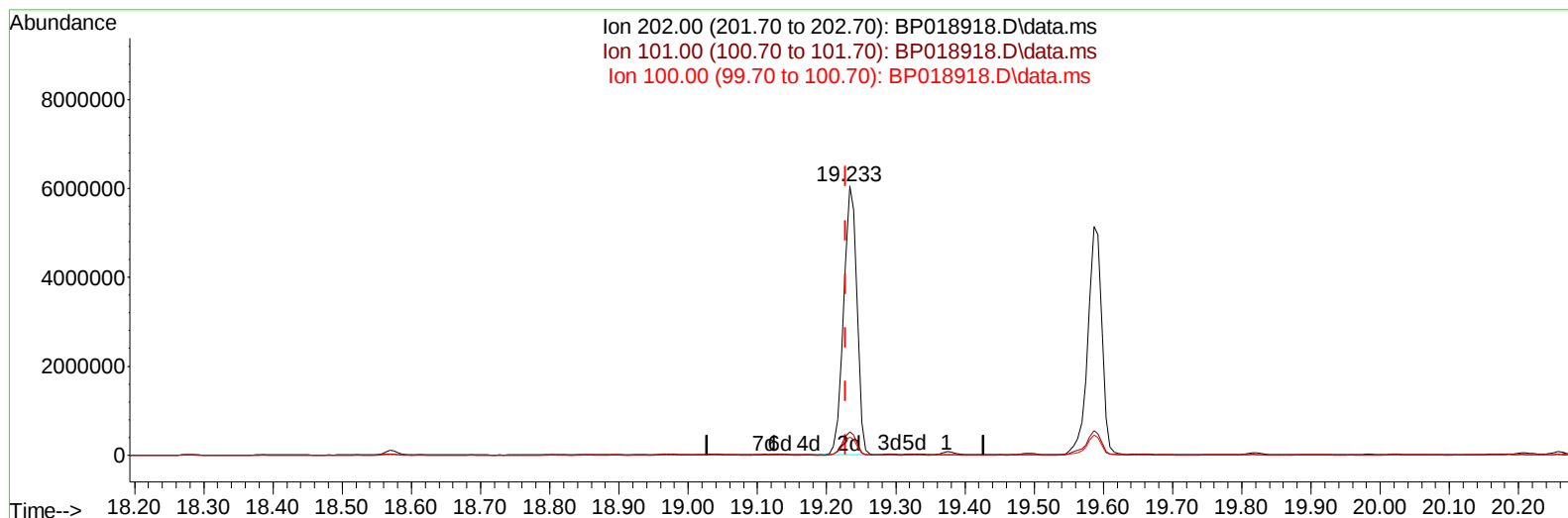
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TIC: BP018918.D\data.ms

(80) Fluoranthene

19.233min (+ 0.006) 105.19 ng/u1 m

response 8079077

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	8.73#
100.00	8.90	6.67#
0.00	0.00	0.00

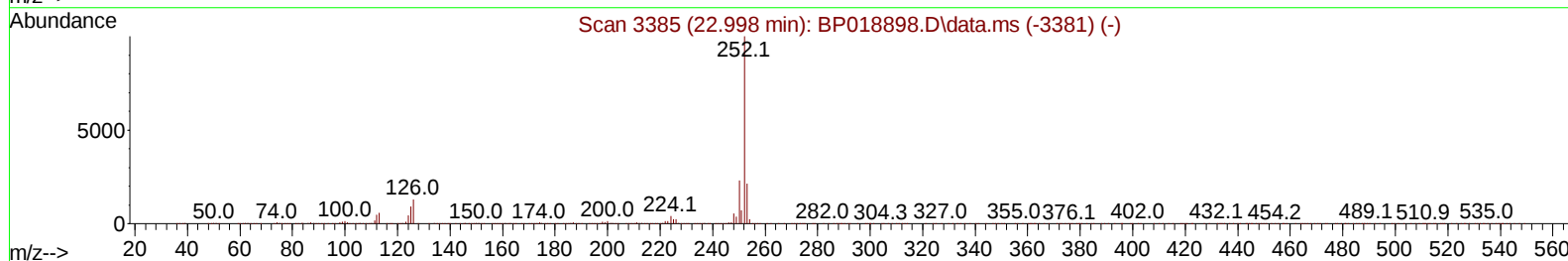
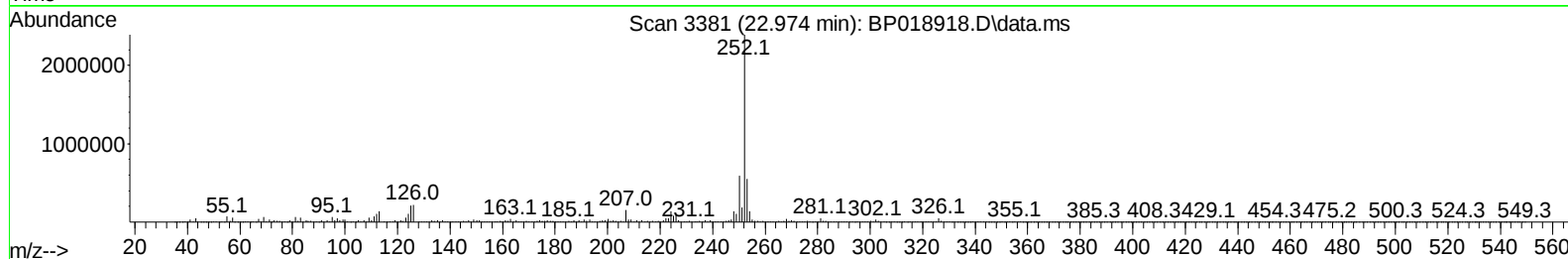
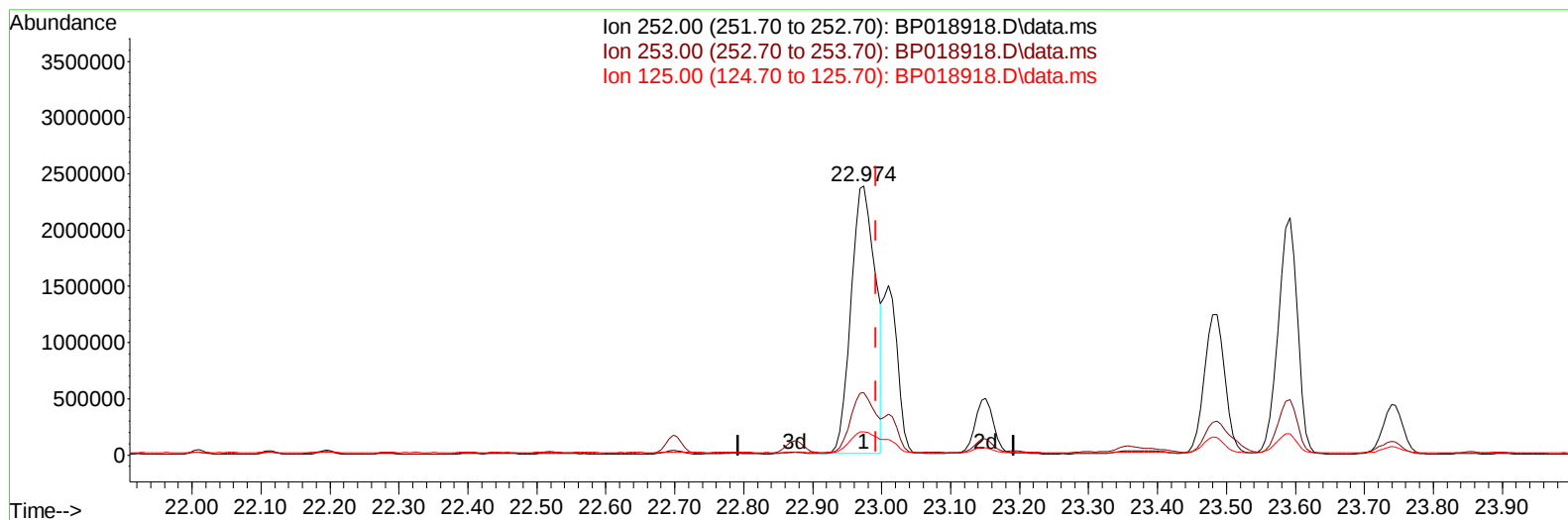
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TIC: BP018918.D\data.ms

(91) Benzo(k)fluoranthene

22.974min (-0.018) 78.45 ng/u1

response 5880259

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.14
125.00	10.00	8.73
0.00	0.00	0.00

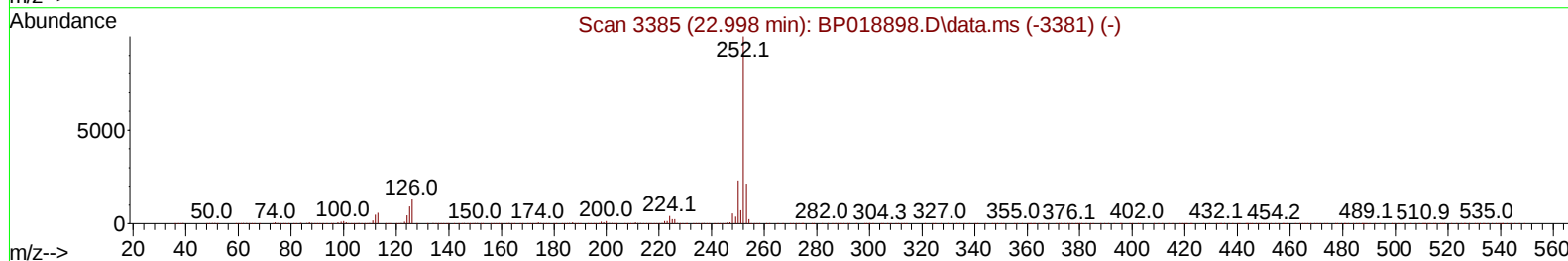
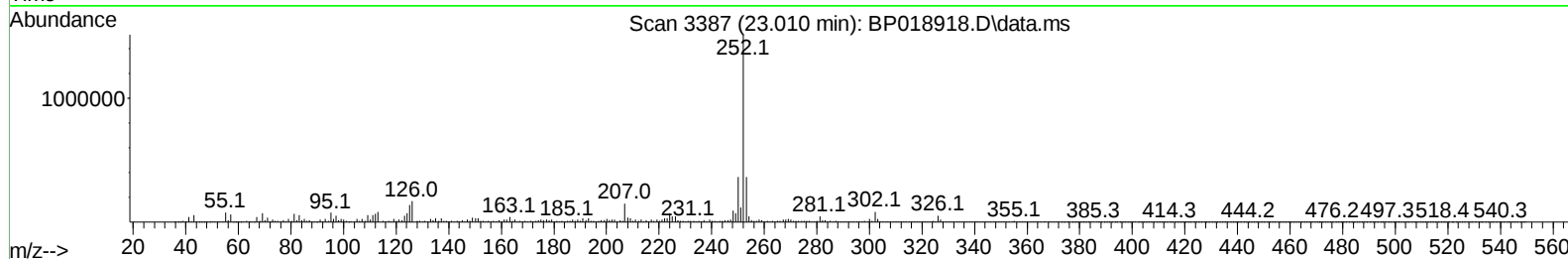
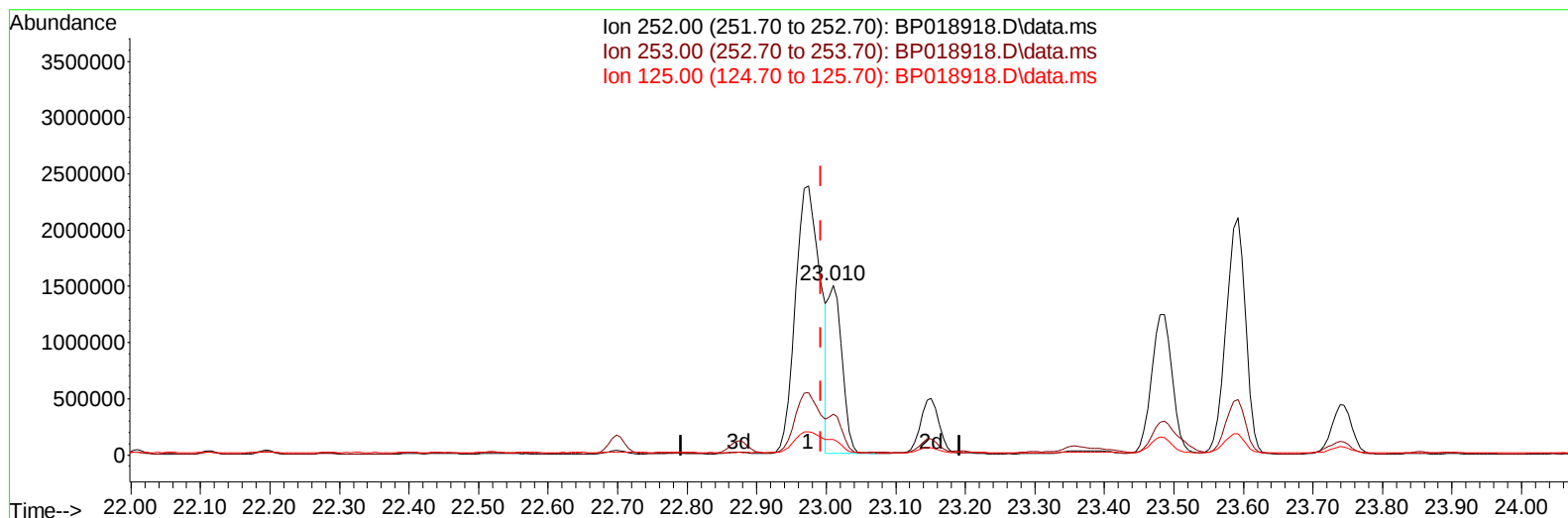
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TIC: BP018918.D\data.ms

(91) Benzo(k)fluoranthene

23.010min (+ 0.018) 28.39 ng/ul m

response 2128205

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.19
125.00	10.00	9.12
0.00	0.00	0.00

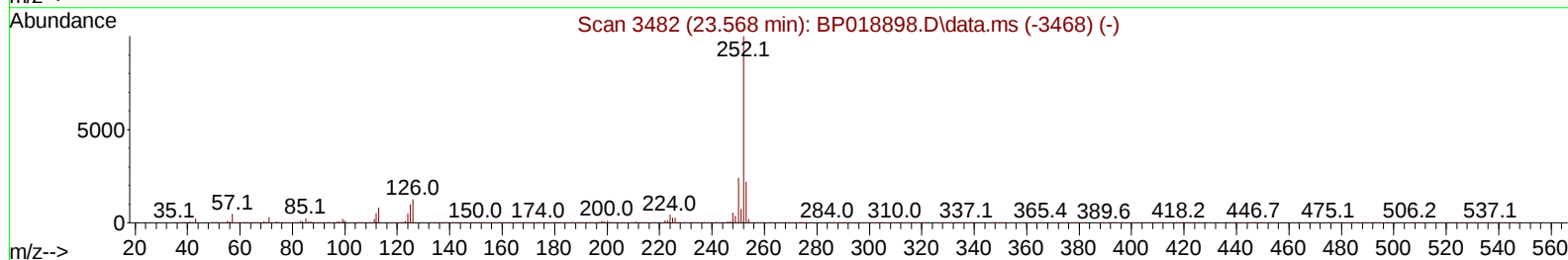
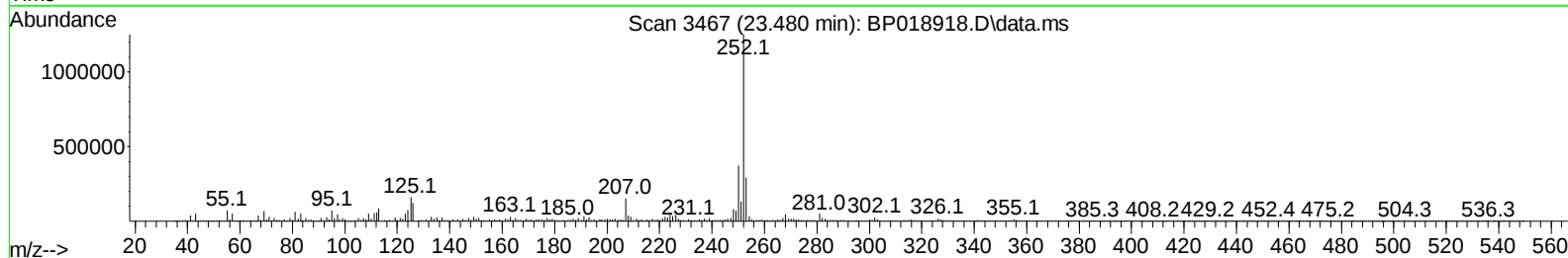
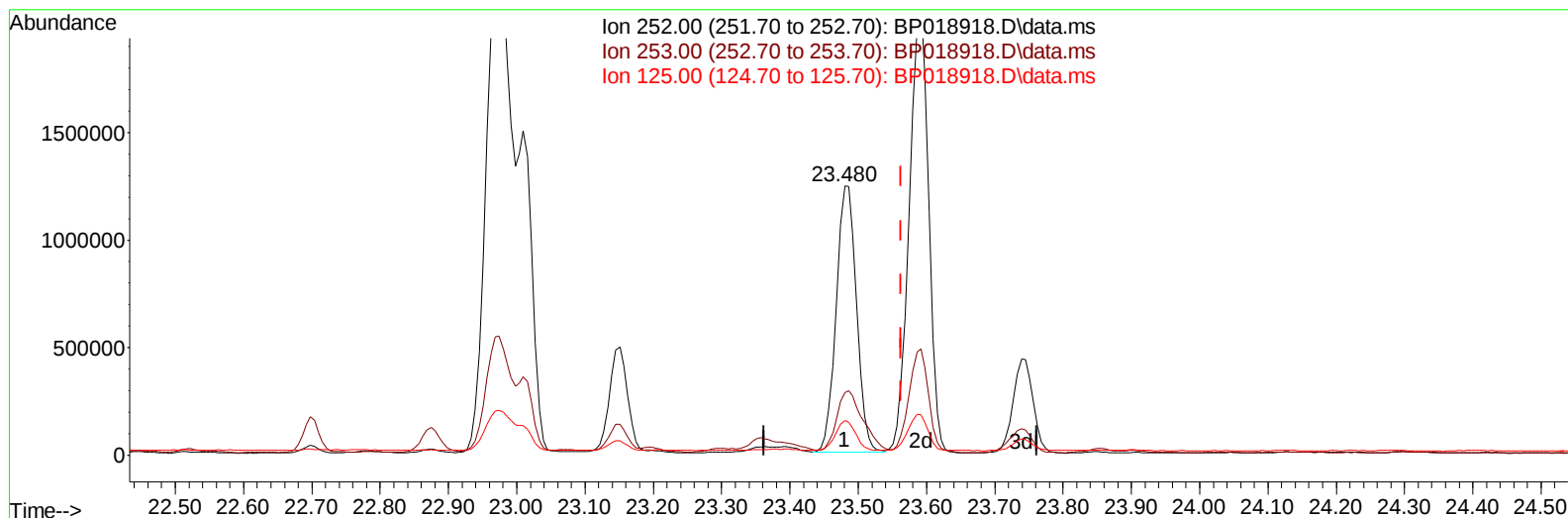
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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TIC: BP018918.D\data.ms

(93) Benzo(a)pyrene (C)

23.480min (-0.082) 36.15 ng/u1

response 2558787

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.36
125.00	11.50	12.87
0.00	0.00	0.00

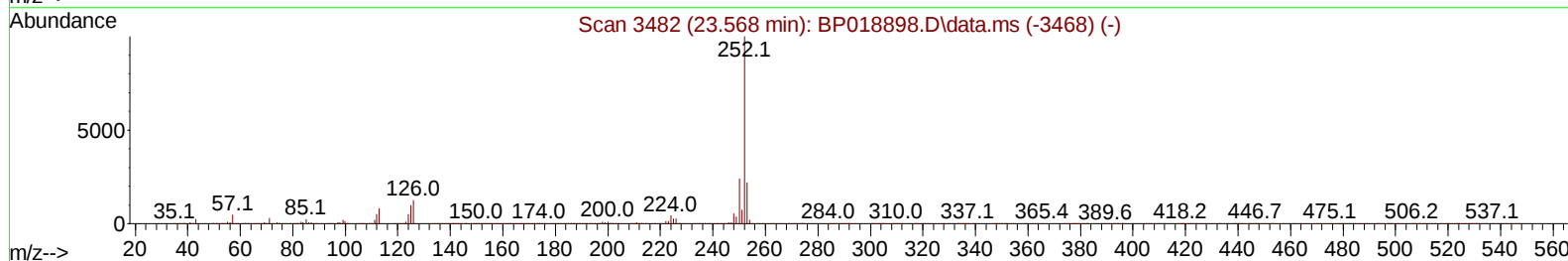
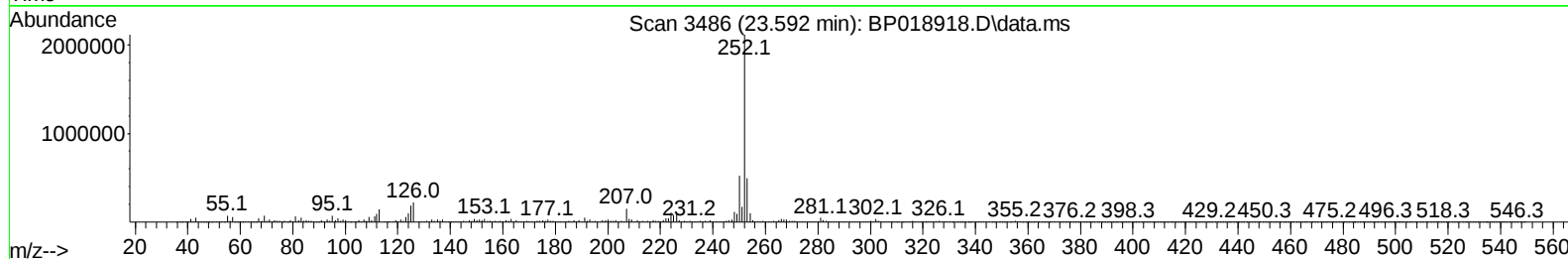
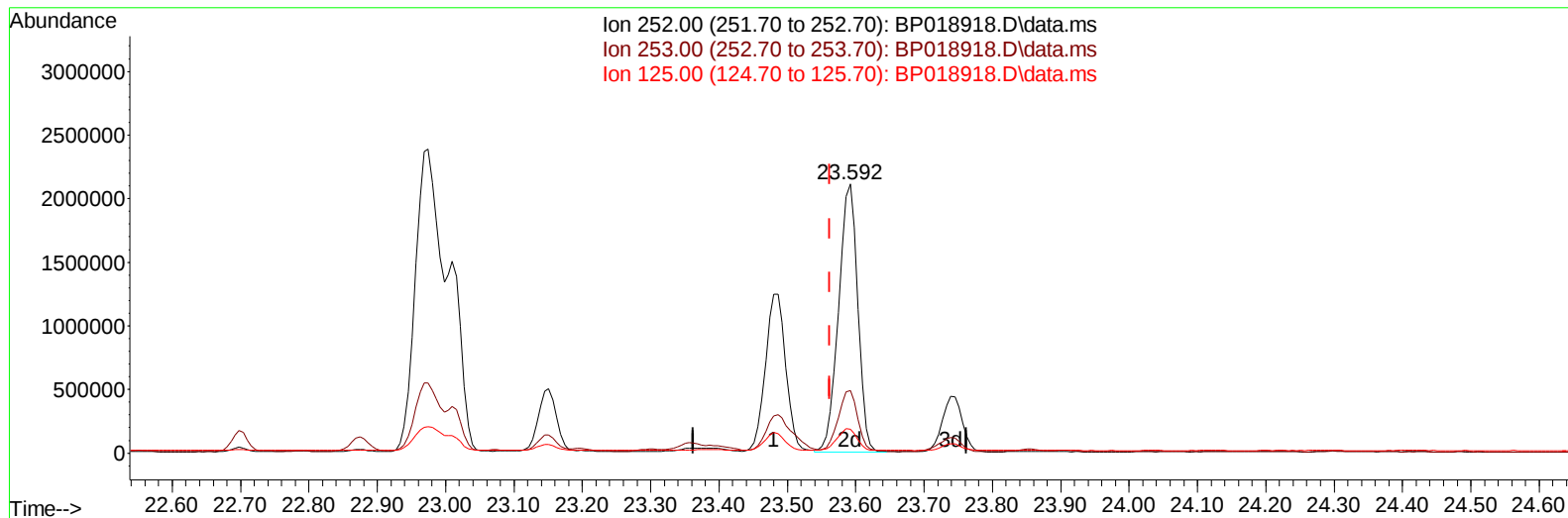
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TIC: BP018918.D\data.ms

(93) Benzo(a)pyrene (C)

23.592min (+ 0.029) 57.93 ng/ul m

response 4100249

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.33
125.00	11.50	8.83#
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	166246	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	583523	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	366604	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	876013	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	834678	20.000	ng/ul	0.01
88) Perylene-d12	23.692	264	1050682	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	14461	2.964	ng/uL	0.00
4) Pyridine-d5	3.687	84	24366	1.865	ng/ul	0.01
7) Phenol-d5	7.005	99	252489	15.134	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	139494	14.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	202198	15.532	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	194668	14.418	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	92283	17.769	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	100809	18.722	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	204918	18.612	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	167098	11.613	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	600684	18.358	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	737103	20.459	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	61179	11.391	ng/ul	0.01
60) Fluorene-d10	15.457	176	592084	21.558	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	12171	2.317	ng/ul	0.00
73) Anthracene-d10	17.316	188	1015694	22.055	ng/ul	0.00
81) Pyrene-d10	19.557	212	1207487	18.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	1266012	20.665	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.034	94	27389	1.674	ng/ul	99
16) Acetophenone	8.657	105	144198	7.166	ng/ul	99
30) Naphthalene	10.675	128	84302	2.382	ng/ul	98
36) 2-Methylnaphthalene	12.287	142	40358	1.609	ng/ul	99
37) 1-Methylnaphthalene	12.504	142	35484	1.401	ng/ul	98
50) Acenaphthylene	14.187	152	153861	3.798	ng/ul	98
52) Acenaphthene	14.528	153	312561	11.670	ng/ul	98
56) Dibenzofuran	14.863	168	155497	4.177	ng/ul	96
61) Fluorene	15.510	166	278459	9.454	ng/ul	98
69) Hexachlorobenzene	16.516	284	14371	1.164	ng/ul	96
72) Phenanthrene	17.263	178	4190294	79.201	ng/ul	100
74) Anthracene	17.351	178	1319471	24.880	ng/ul	100
77) Carbazole	17.622	167	454150	10.745	ng/ul	99
78) Di-n-butylphthalate	18.175	149	58166	1.034	ng/ul	96
80) Fluoranthene	19.233	202	8079077m	105.195	ng/ul	
82) Pyrene	19.586	202	7231295	93.333	ng/ul#	93
85) Benzo(a)anthracene	21.298	228	4644352	68.552	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	157466	4.039	ng/ul#	95
87) Chrysene	21.351	228	4137861	66.323	ng/ul	96
90) Benzo(b)fluoranthene	22.974	252	5880259	75.906	ng/ul	97
91) Benzo(k)fluoranthene	23.010	252	2128205m	28.393	ng/ul	
93) Benzo(a)pyrene	23.592	252	4100249m	57.926	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.168	276	3009061	35.579	ng/ul	96

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	26.174	278		847057	12.040	ng/ul#	93
96) Benzo(g,h,i)perylene	26.921	276		892984	13.120	ng/ul#	94

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

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