

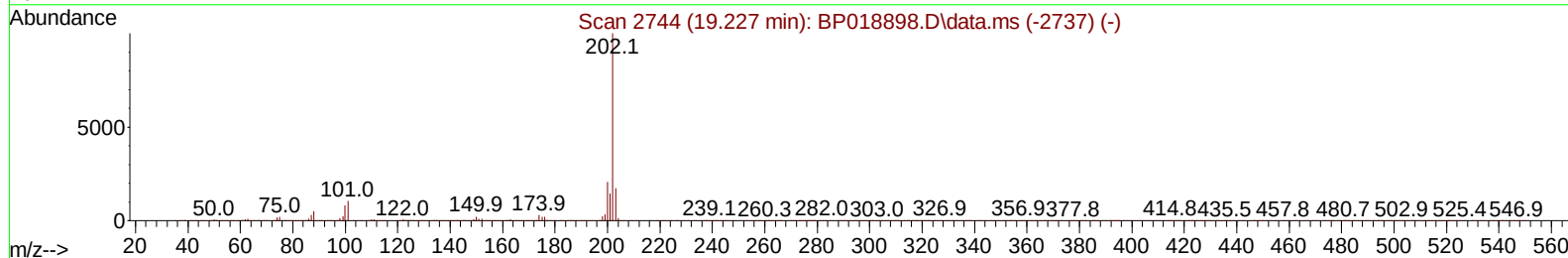
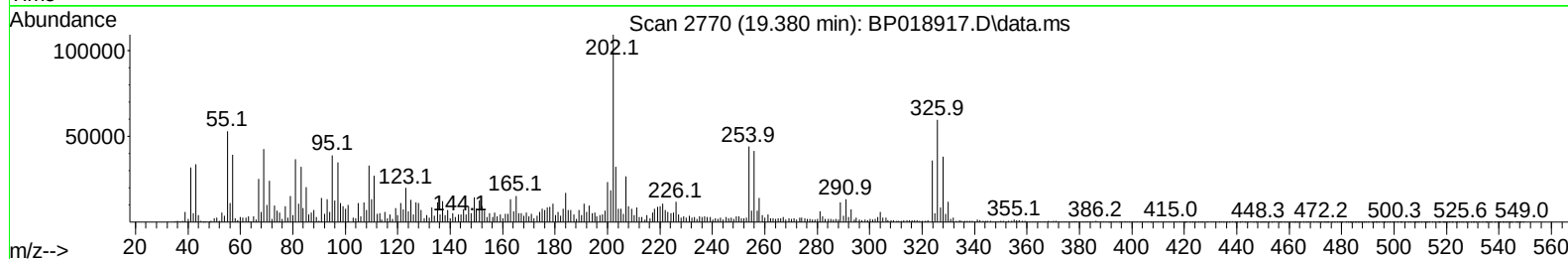
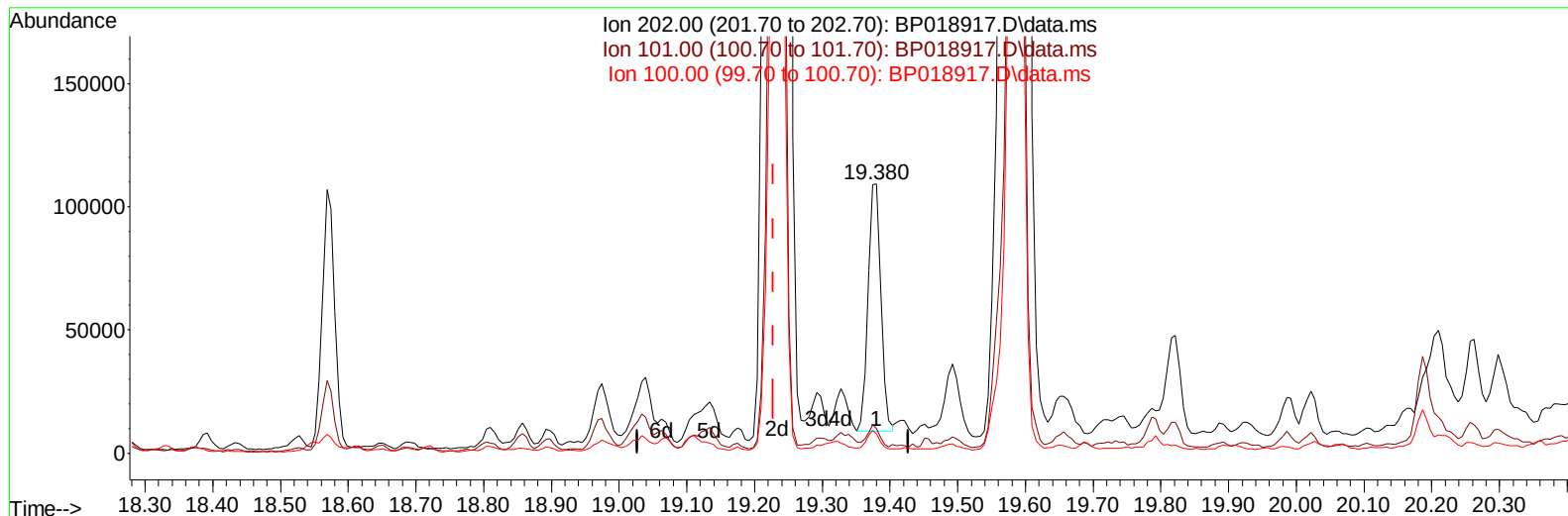
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018917.D
Acq On : 18 Dec 2023 21:00
Operator : MA/JU
Sample : 05794-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG0

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:43:45 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: BP018917.D\data.ms

(80) Fluoranthene

19.380min (+ 0.153) 1.43 ng/u1

response 132277

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	9.15
100.00	8.90	7.20
0.00	0.00	0.00

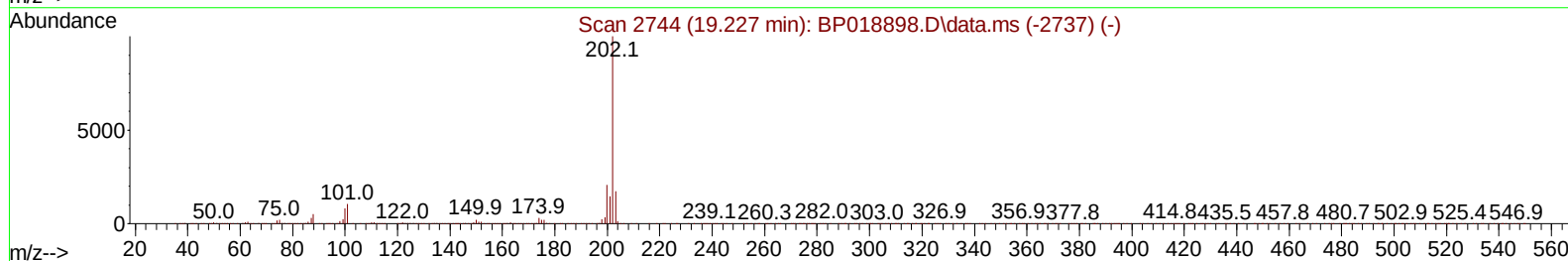
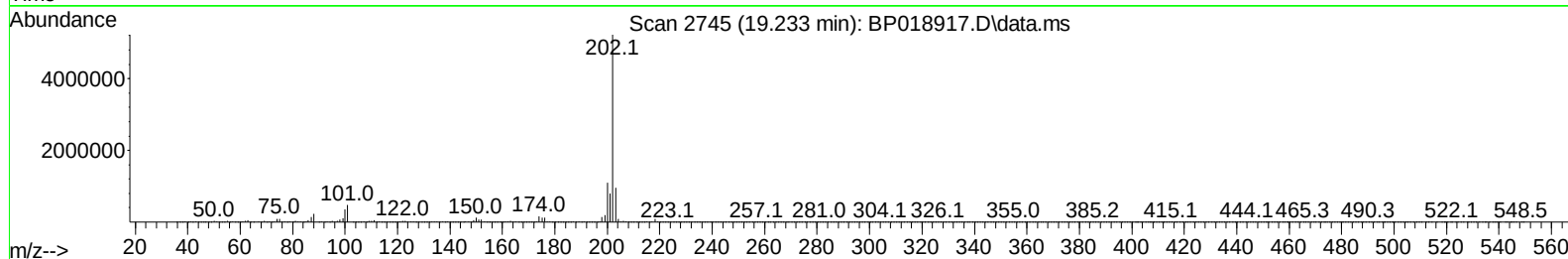
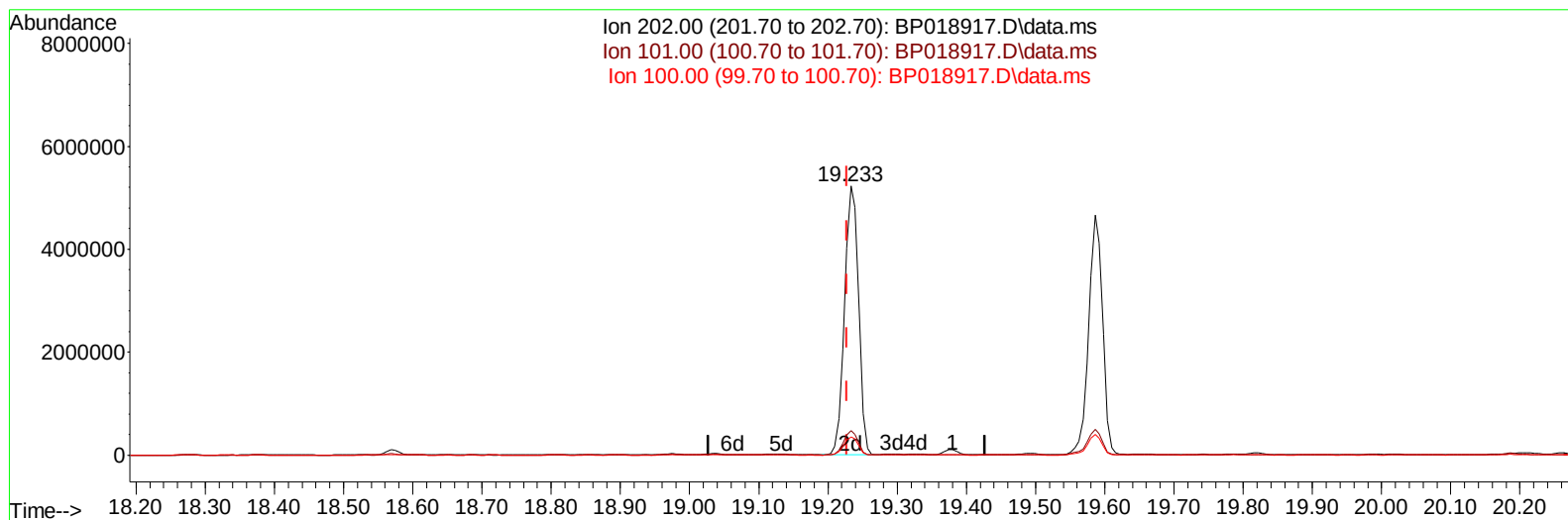
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TIC: BP018917.D\data.ms

(80) Fluoranthene

19.233min (+ 0.006) 78.82 ng/ul m

response 7309002

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	9.03#
100.00	8.90	6.82#
0.00	0.00	0.00

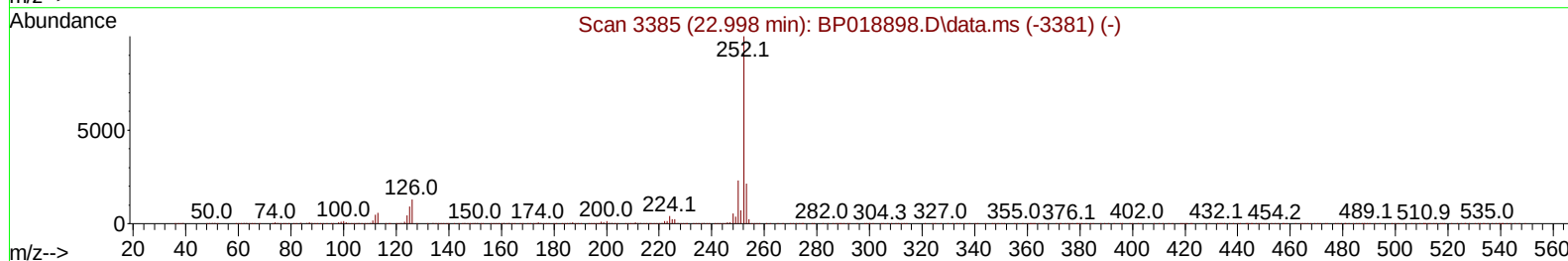
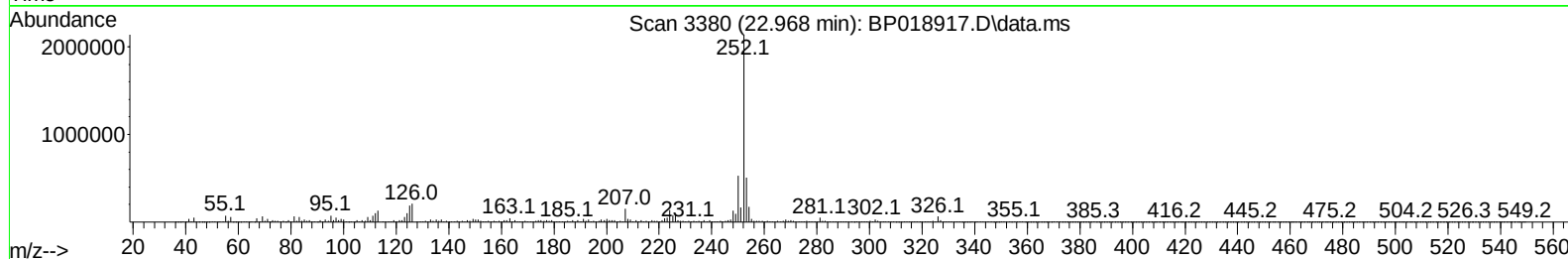
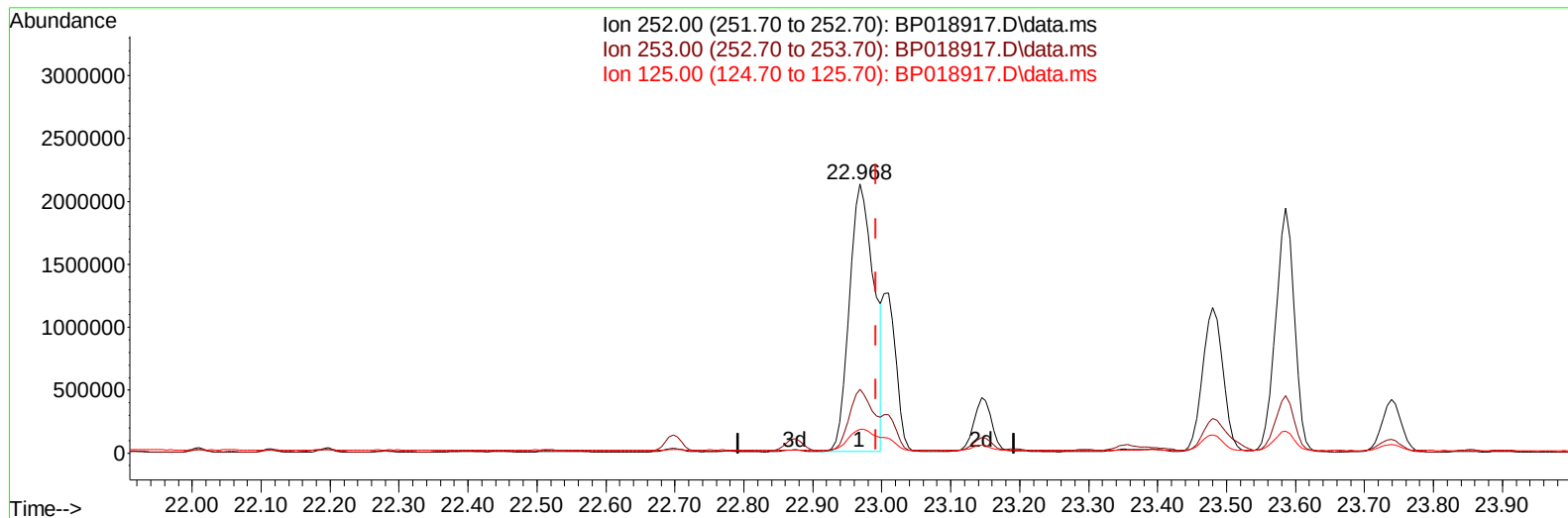
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TIC: BP018917.D\data.ms

(91) Benzo(k)fluoranthene

22.968min (-0.024) 57.43 ng/u1

response 5304150

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.60
125.00	10.00	8.87
0.00	0.00	0.00

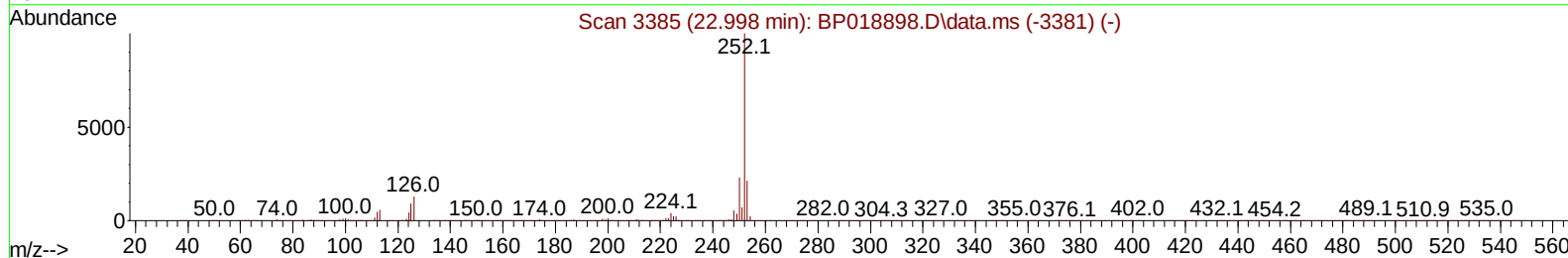
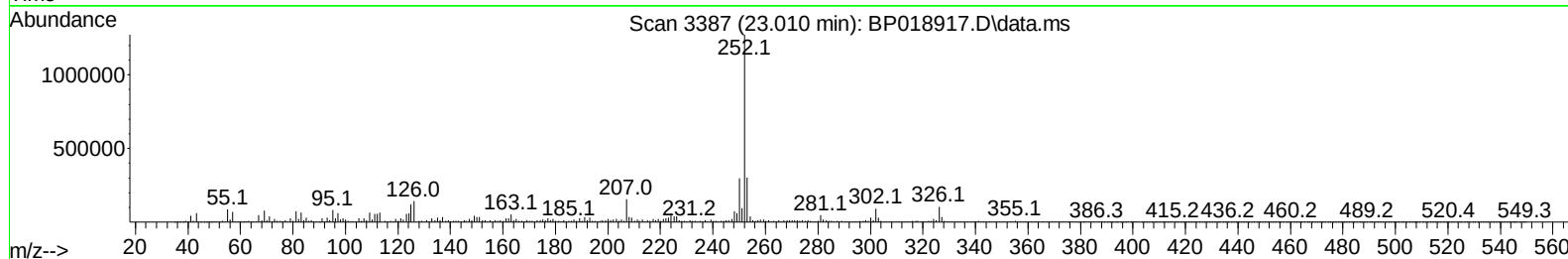
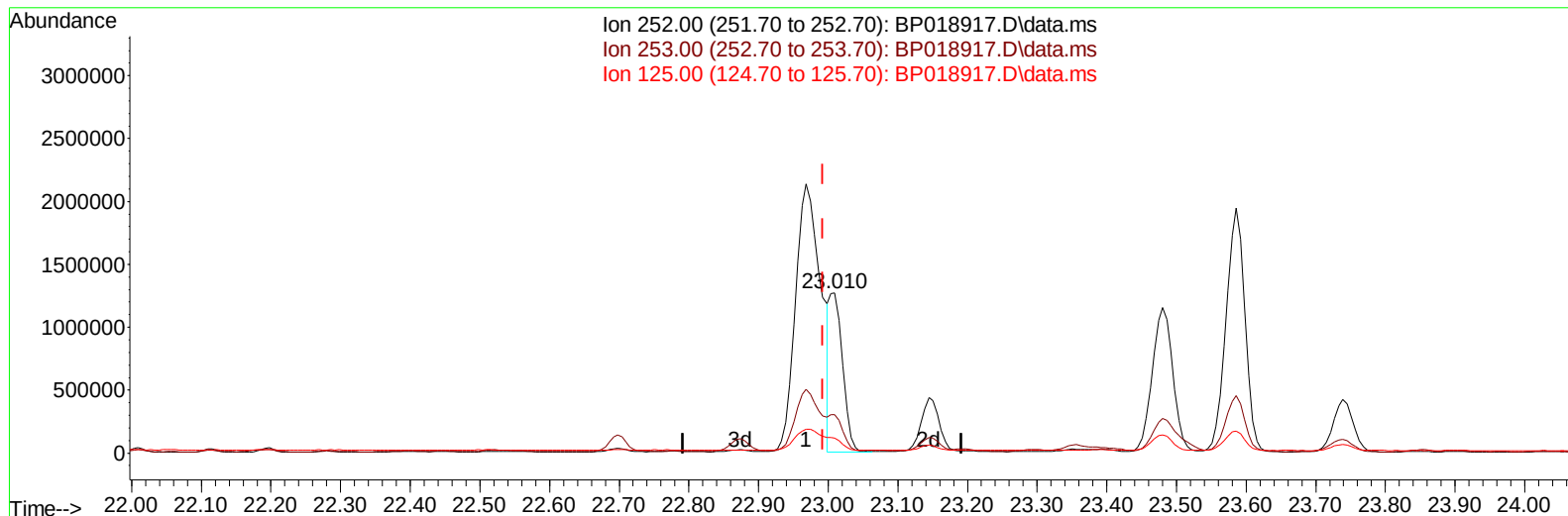
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TIC: BP018917.D\data.ms

(91) Benzo(k)fluoranthene

23.010min (+ 0.018) 18.30 ng/ul m

response 1690700

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.88
125.00	10.00	9.41
0.00	0.00	0.00

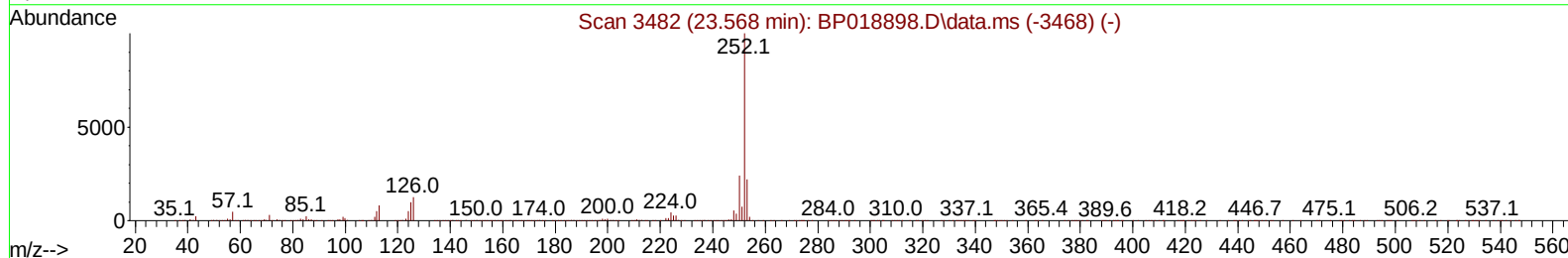
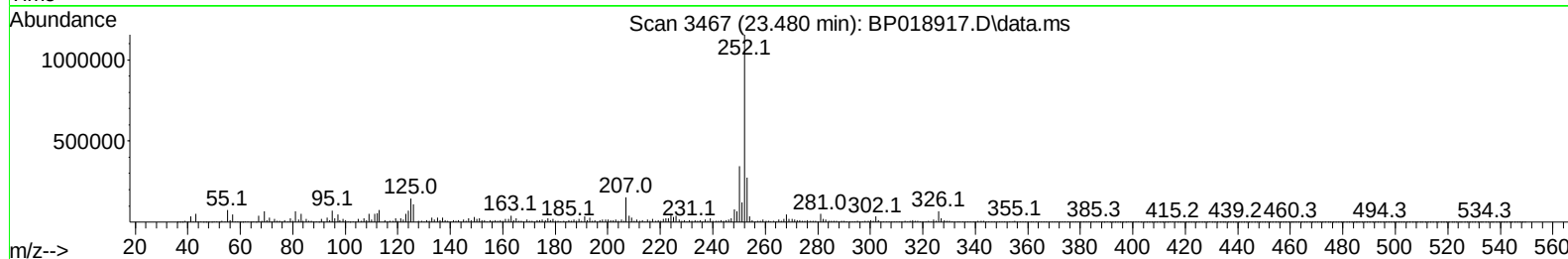
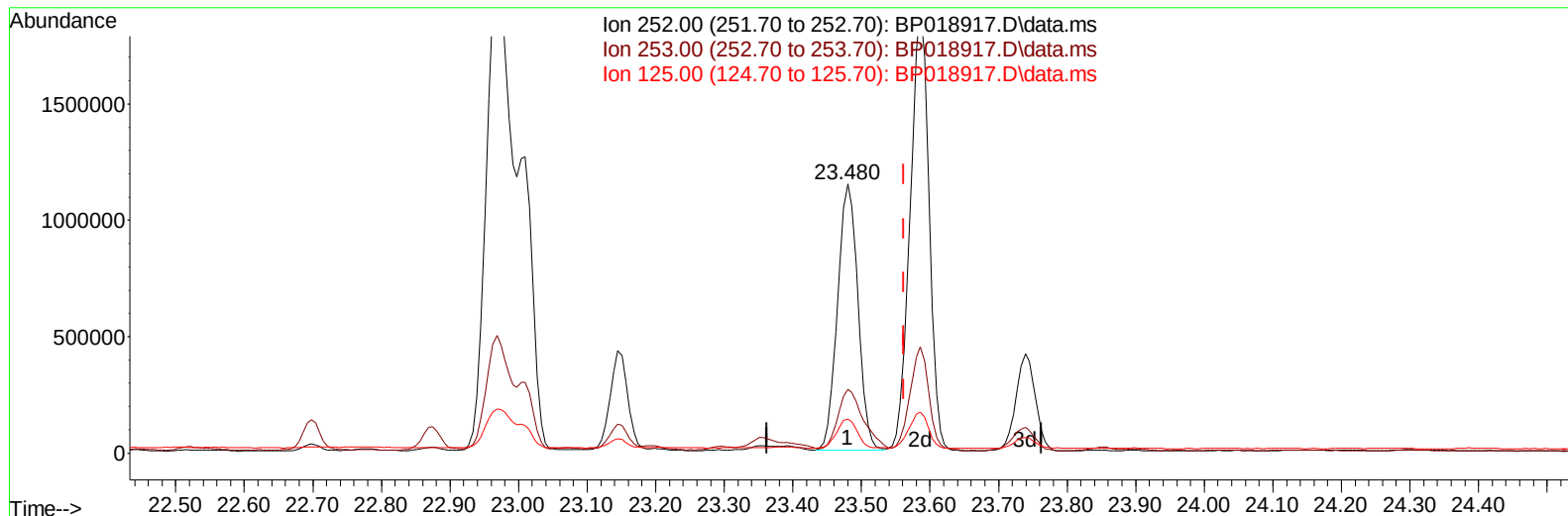
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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TIC: BP018917.D\data.ms

(93) Benzo(a)pyrene (C)

23.480min (-0.082) 26.94 ng/u1

response 2349566

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.64
125.00	11.50	12.59
0.00	0.00	0.00

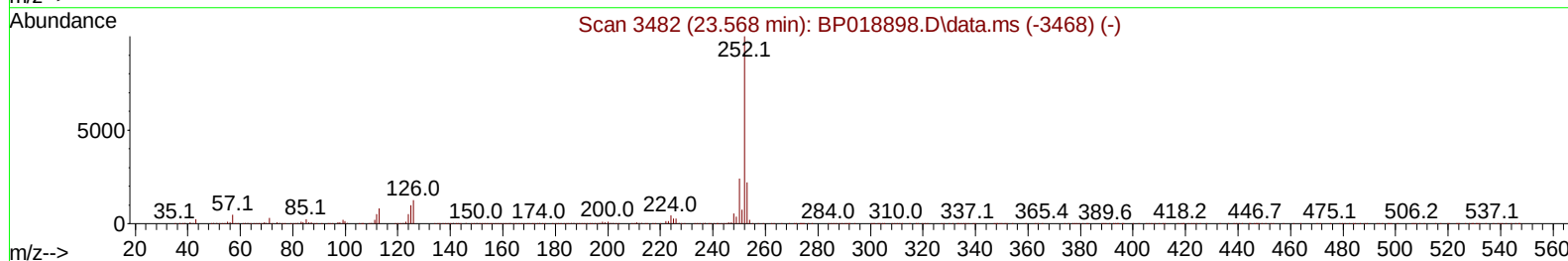
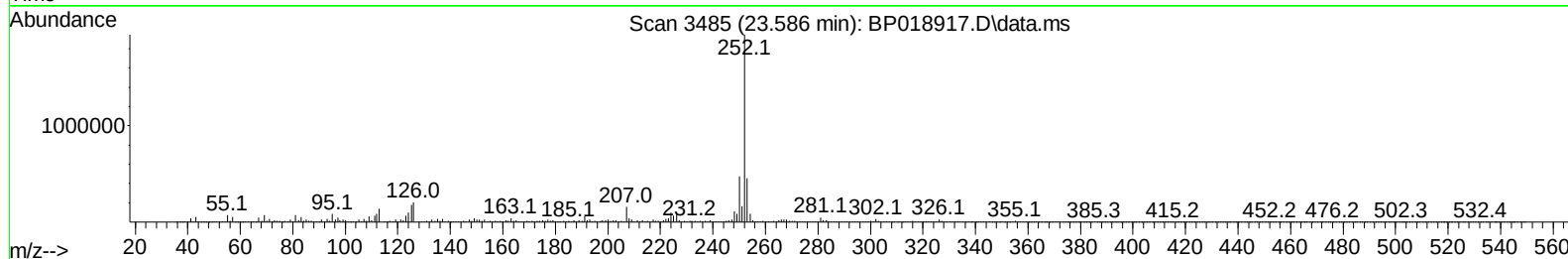
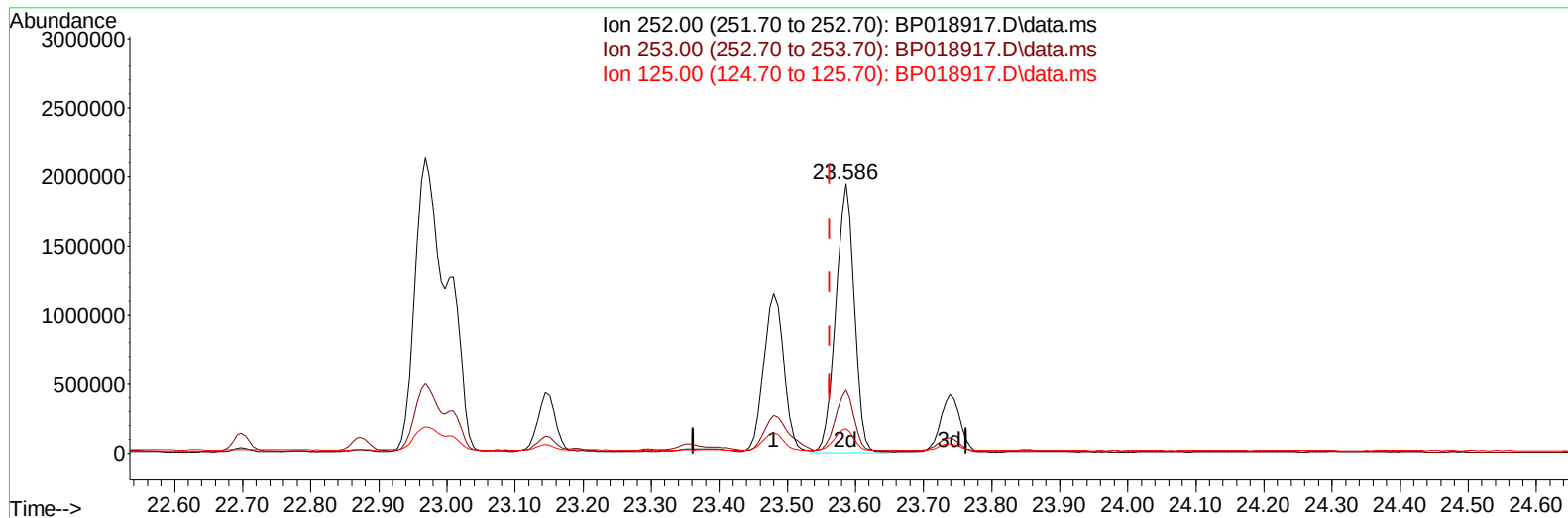
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 ALS Vial : 20 Sample Multiplier: 1

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TIC: BP018917.D\data.ms

(93) Benzo(a)pyrene (C)

23.586min (+ 0.023) 42.39 ng/ul m

response 3697166

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.46
125.00	11.50	9.05#
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	7.828	152	192388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	688256	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	416971	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	997260	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1007764	20.000	ng/ul	0.01
88) Perylene-d12	23.686	264	1294744	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	12068	2.138	ng/uL	0.00
4) Pyridine-d5	3.681	84	35922	2.375	ng/ul	0.00
7) Phenol-d5	7.004	99	198633	10.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	116837	10.210	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	163690	10.866	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	146212	9.358	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	74430	12.150	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	78939	12.430	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	158763	12.225	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	119598	7.047	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	471835	12.679	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	586273	14.307	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	41250	6.753	ng/ul	0.01
60) Fluorene-d10	15.457	176	463368	14.833	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	16715	2.795	ng/ul	0.00
73) Anthracene-d10	17.316	188	788397	15.038	ng/ul	0.00
81) Pyrene-d10	19.557	212	991086	12.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	1100411	14.576	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.034	94	33548	1.772	ng/ul	93
16) Acetophenone	8.657	105	170548	7.324	ng/ul	99
30) Naphthalene	10.675	128	102646	2.458	ng/ul	97
36) 2-Methylnaphthalene	12.287	142	53038	1.793	ng/ul	97
37) 1-Methylnaphthalene	12.504	142	50884	1.703	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.657	216	39431	2.606	ng/ul	99
50) Acenaphthylene	14.186	152	276604	6.004	ng/ul	99
52) Acenaphthene	14.528	153	133983	4.398	ng/ul	99
56) Dibenzofuran	14.863	168	188171	4.444	ng/ul	96
61) Fluorene	15.510	166	245482	7.327	ng/ul	99
69) Hexachlorobenzene	16.516	284	215276	15.315	ng/ul	97
72) Phenanthrene	17.257	178	4454322	73.955	ng/ul	100
74) Anthracene	17.351	178	1085200	17.975	ng/ul	100
77) Carbazole	17.622	167	411775	8.558	ng/ul	98
80) Fluoranthene	19.233	202	7309002m	78.823	ng/ul	
82) Pyrene	19.586	202	6485060	69.326	ng/ul#	92
85) Benzo(a)anthracene	21.298	228	3766363	46.044	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.221	149	97349	2.068	ng/ul#	88
87) Chrysene	21.351	228	3804459	50.506	ng/ul	97
90) Benzo(b)fluoranthene	22.968	252	5304150	55.563	ng/ul	96
91) Benzo(k)fluoranthene	23.010	252	1690700m	18.304	ng/ul	
93) Benzo(a)pyrene	23.586	252	3697166m	42.386	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.162	276	2718233	26.082	ng/ul#	93

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	26.168	278		744098	8.583	ng/ul	93
96) Benzo(g,h,i)perylene	26.915	276		971130	11.579	ng/ul	95

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

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