

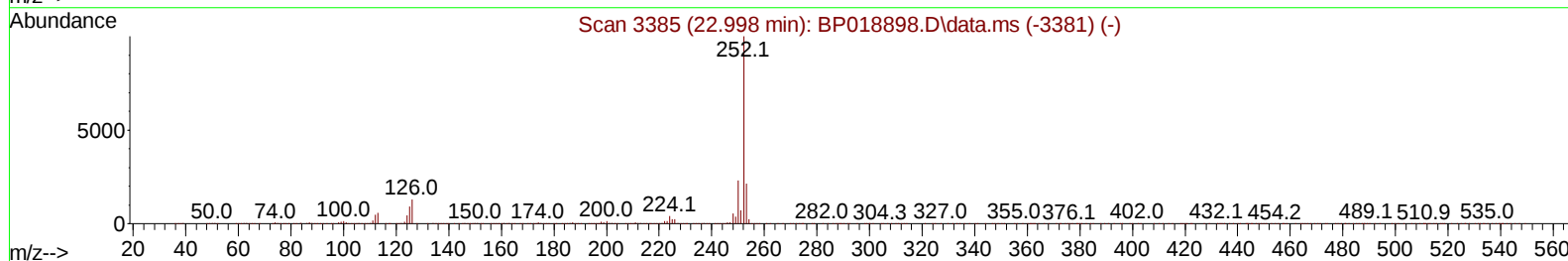
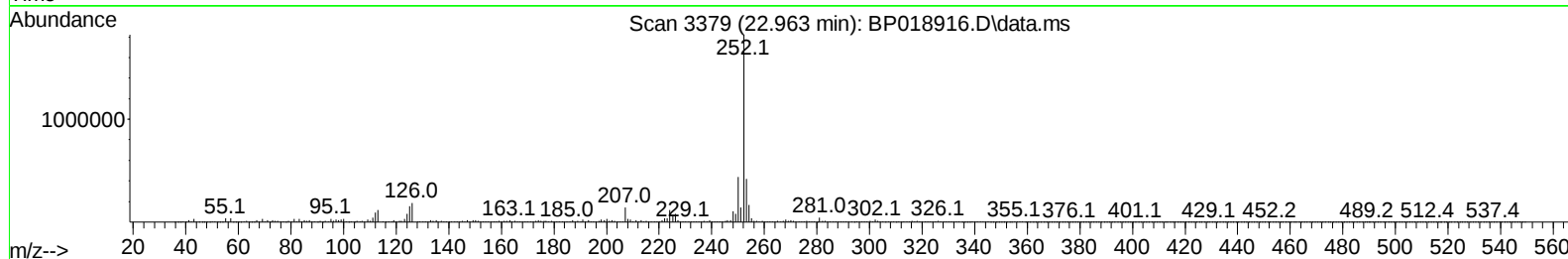
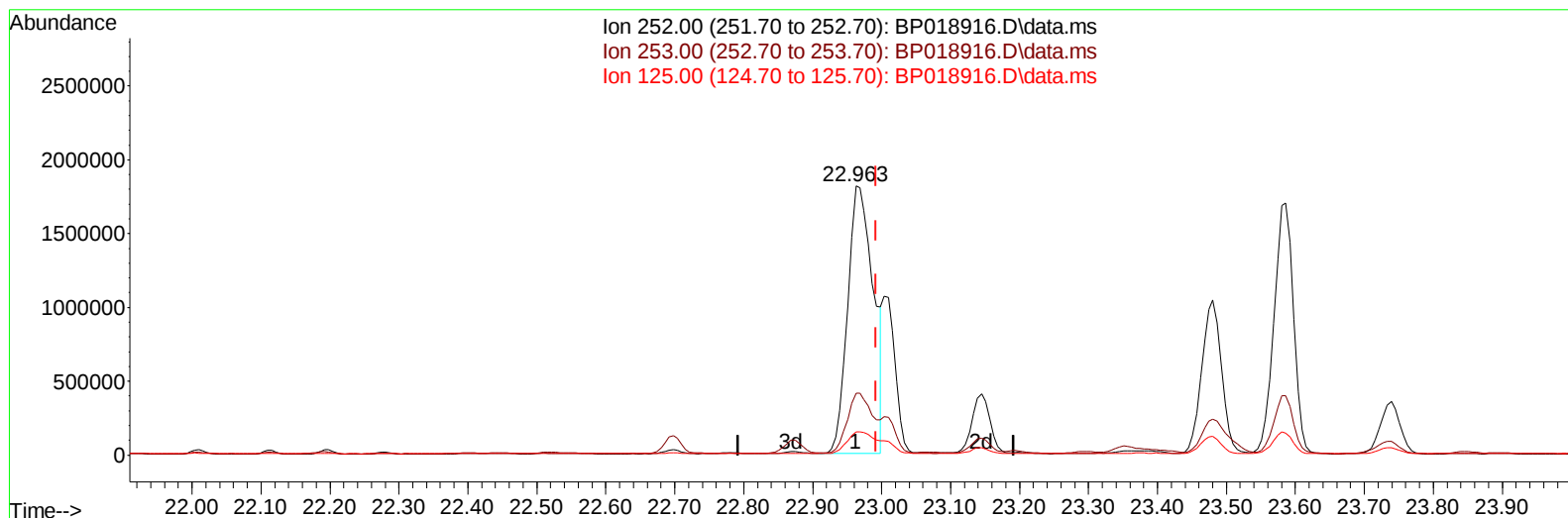
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018916.D
 Acq On : 18 Dec 2023 20:26
 Operator : MA/JU
 Sample : 05794-24
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRG5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:43:24 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: BP018916.D\data.ms

(91) Benzo(k)fluoranthene

22.963min (-0.029) 45.79 ng/u1

response 4703483

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.91
125.00	10.00	8.58
0.00	0.00	0.00

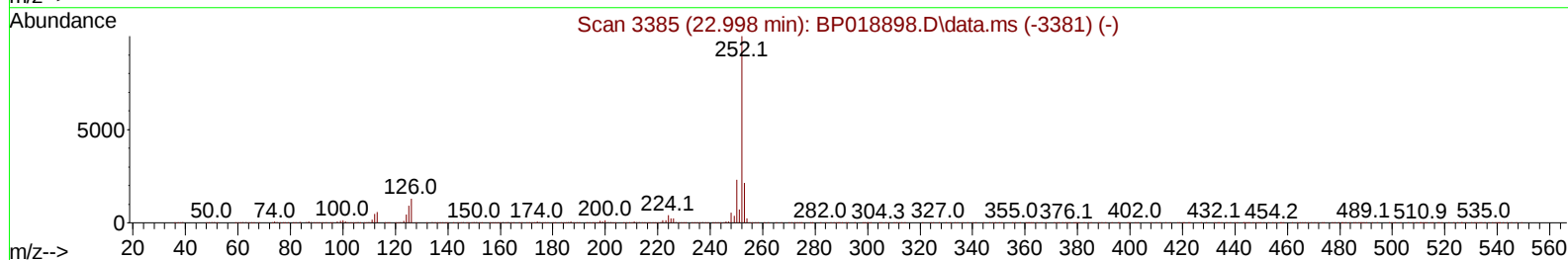
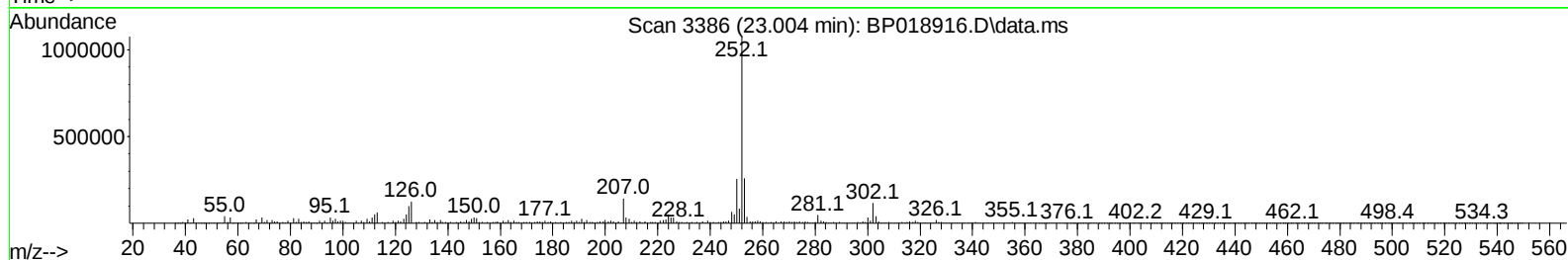
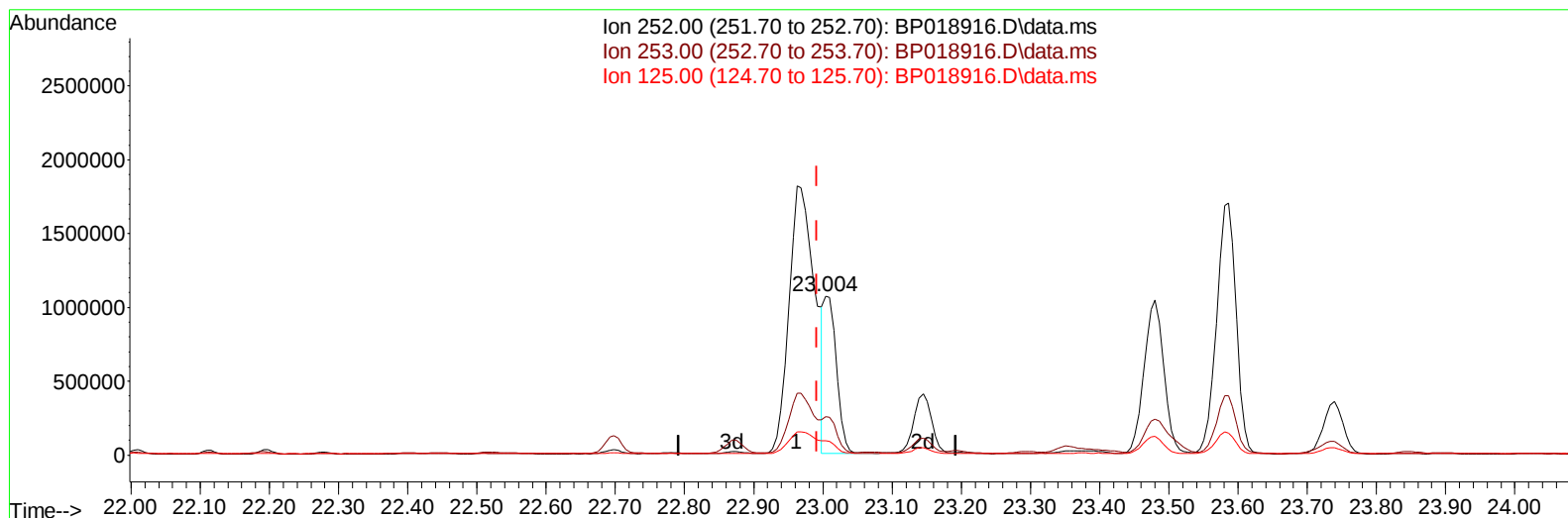
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TIC: BP018916.D\data.ms

(91) Benzo(k)fluoranthene

23.004min (+ 0.012) 12.98 ng/ul m

response 1332848

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.13
125.00	10.00	9.18
0.00	0.00	0.00

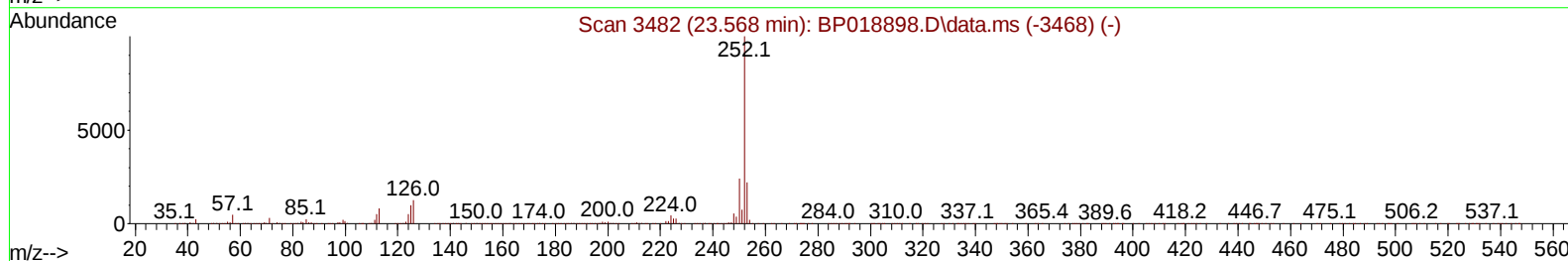
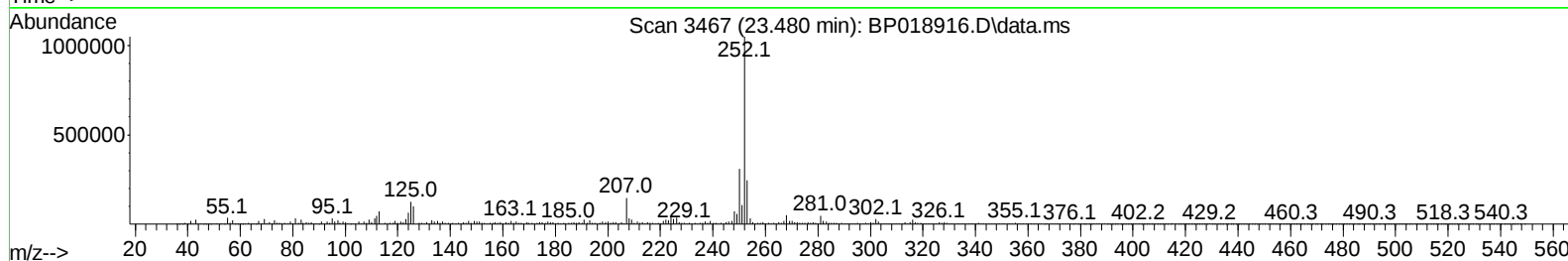
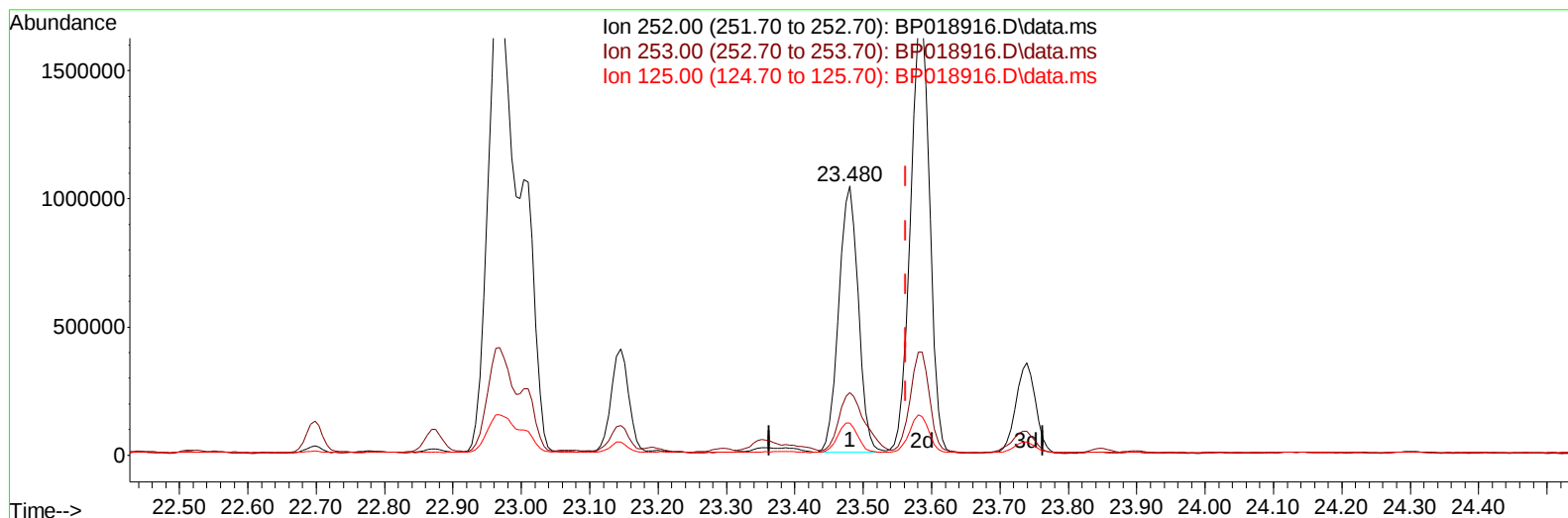
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TIC: BP018916.D\data.ms

(93) Benzo(a)pyrene (C)

23.480min (-0.082) 21.26 ng/u1

response 2062483

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.31
125.00	11.50	12.03
0.00	0.00	0.00

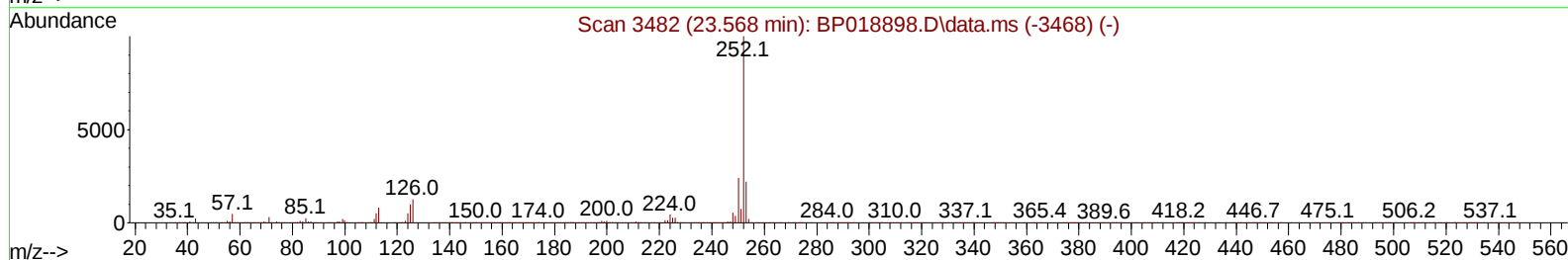
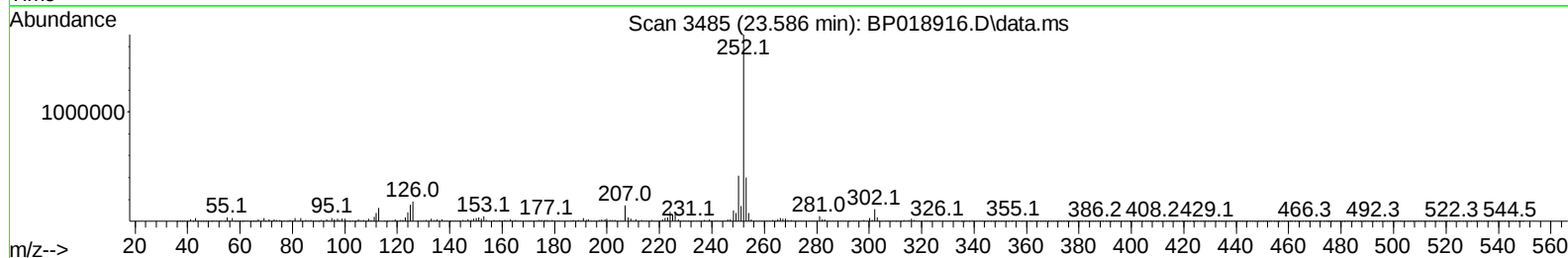
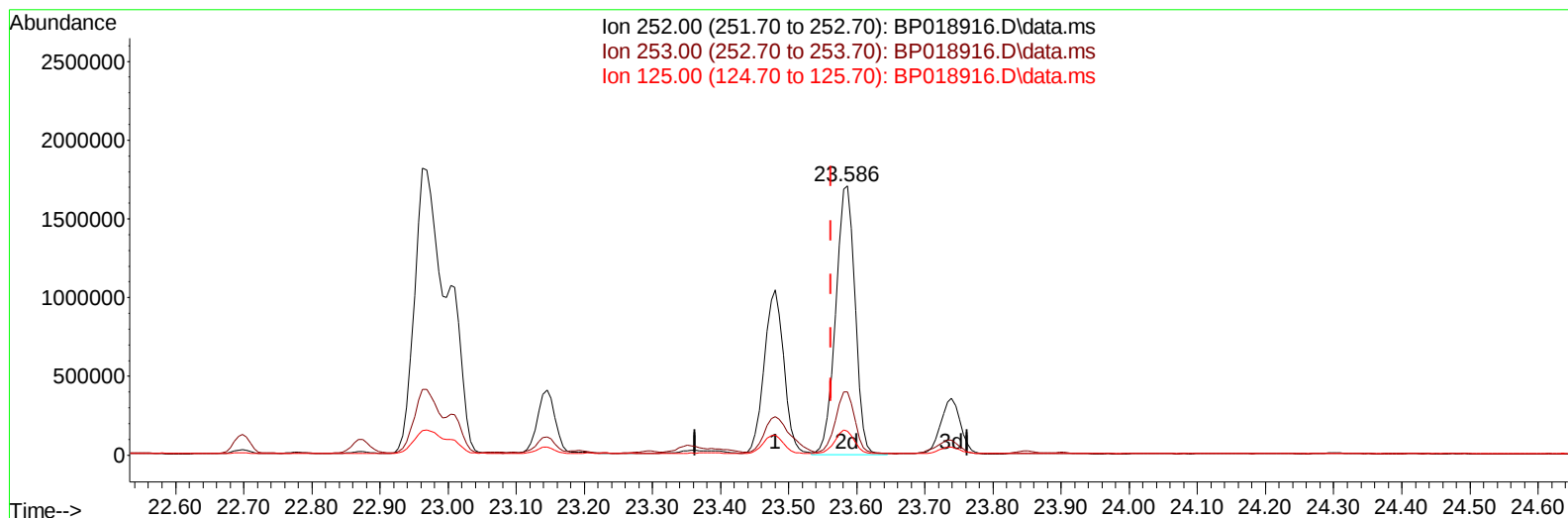
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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TIC: BP018916.D\data.ms

(93) Benzo(a)pyrene (C)

23.586min (+ 0.024) 34.69 ng/ul m

response 3364994

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.50
125.00	11.50	8.79#
0.00	0.00	0.00

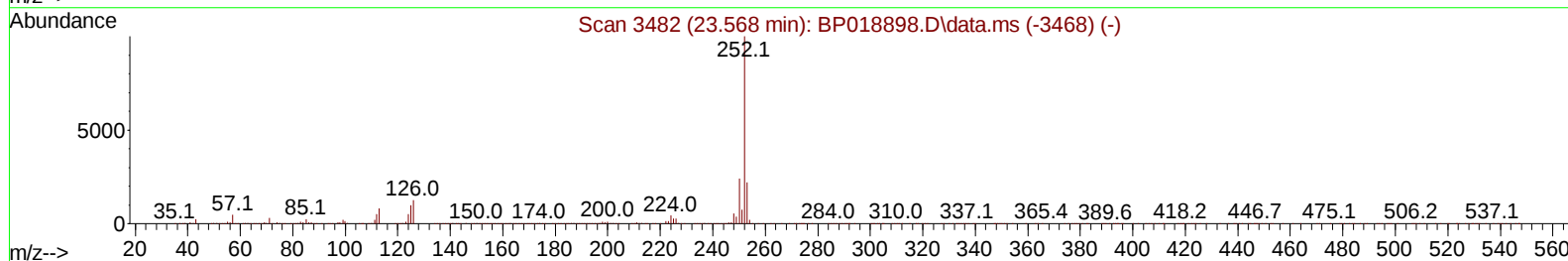
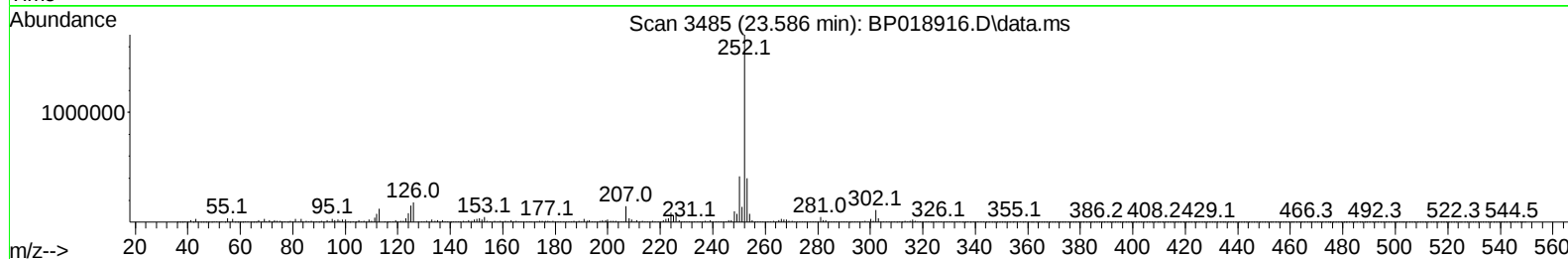
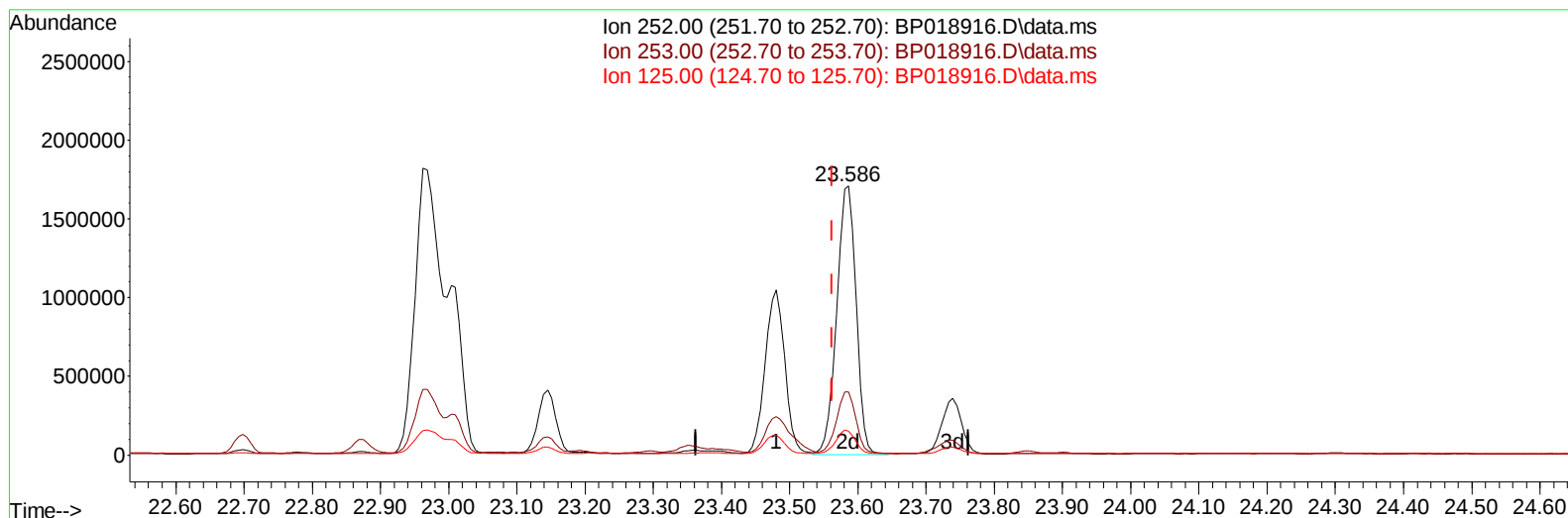
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TIC: BP018916.D\data.ms

(93) Benzo(a)pyrene (C)

23.586min (+ 0.024) 34.69 ng/ul m

response 3364994

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.50
125.00	11.50	8.79#
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	229934	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	886461	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	556846	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1274682	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.310	240	1134465	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1439718	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	13736	2.036	ng/uL	0.00
4) Pyridine-d5	3.687	84	30407	1.682	ng/ul	0.01
7) Phenol-d5	7.005	99	276690	11.991	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	155296	11.355	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	223007	12.386	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	207585	11.116	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	104517	13.247	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	115845	14.162	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	234775	14.036	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	133100	6.089	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	692915	13.942	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	811994	14.838	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	61686	7.561	ng/ul	0.01
60) Fluorene-d10	15.457	176	647525	15.522	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	22552	2.951	ng/ul	0.00
73) Anthracene-d10	17.316	188	1065104	15.894	ng/ul	0.00
81) Pyrene-d10	19.551	212	1230910	13.939	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	1249127	14.880	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.034	94	24362	1.077	ng/ul	97
16) Acetophenone	8.658	105	124347	4.468	ng/ul	99
30) Naphthalene	10.675	128	145883	2.713	ng/ul	99
36) 2-Methylnaphthalene	12.287	142	53416	1.402	ng/ul	100
37) 1-Methylnaphthalene	12.504	142	59524	1.547	ng/ul	100
50) Acenaphthylene	14.187	152	181052	2.943	ng/ul	99
52) Acenaphthene	14.528	153	119268	2.932	ng/ul	95
56) Dibenzofuran	14.863	168	110332	1.951	ng/ul	99
61) Fluorene	15.510	166	169865	3.797	ng/ul	98
72) Phenanthrene	17.257	178	2897480	37.637	ng/ul	99
74) Anthracene	17.345	178	844594	10.945	ng/ul	100
77) Carbazole	17.622	167	239667	3.897	ng/ul	98
78) Di-n-butylphthalate	18.175	149	186684	2.280	ng/ul	97
80) Fluoranthene	19.233	202	5383537	51.574	ng/ul#	94
82) Pyrene	19.586	202	5287691	50.213	ng/ul#	93
85) Benzo(a)anthracene	21.298	228	3182099	34.557	ng/ul	97
87) Chrysene	21.351	228	3047486	35.938	ng/ul	97
90) Benzo(b)fluoranthene	22.963	252	4703483	44.309	ng/ul	97
91) Benzo(k)fluoranthene	23.004	252	1332848m	12.977	ng/ul	
93) Benzo(a)pyrene	23.586	252	3364994m	34.693	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.151	276	2522514	21.767	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.157	278	686584	7.122	ng/ul#	90
96) Benzo(g,h,i)perylene	26.915	276	722302	7.745	ng/ul	93

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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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