

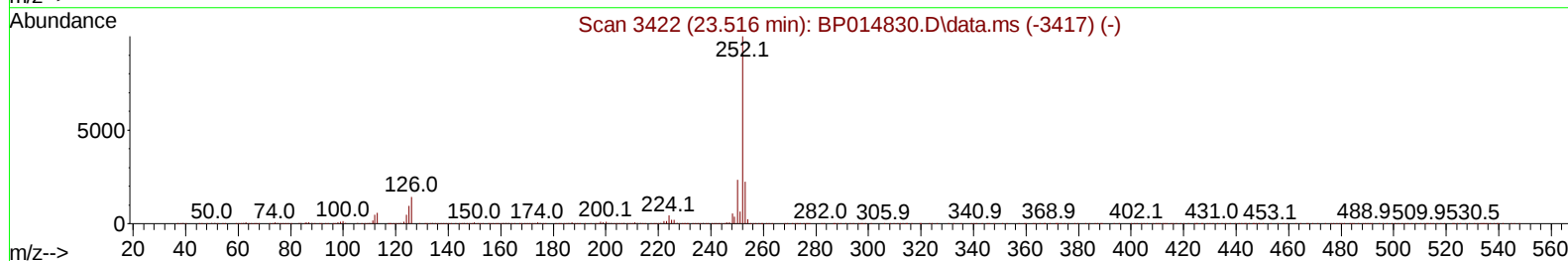
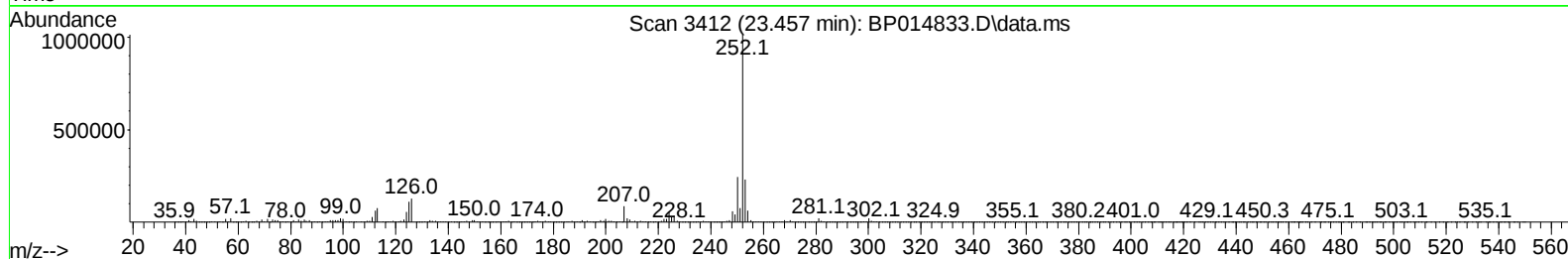
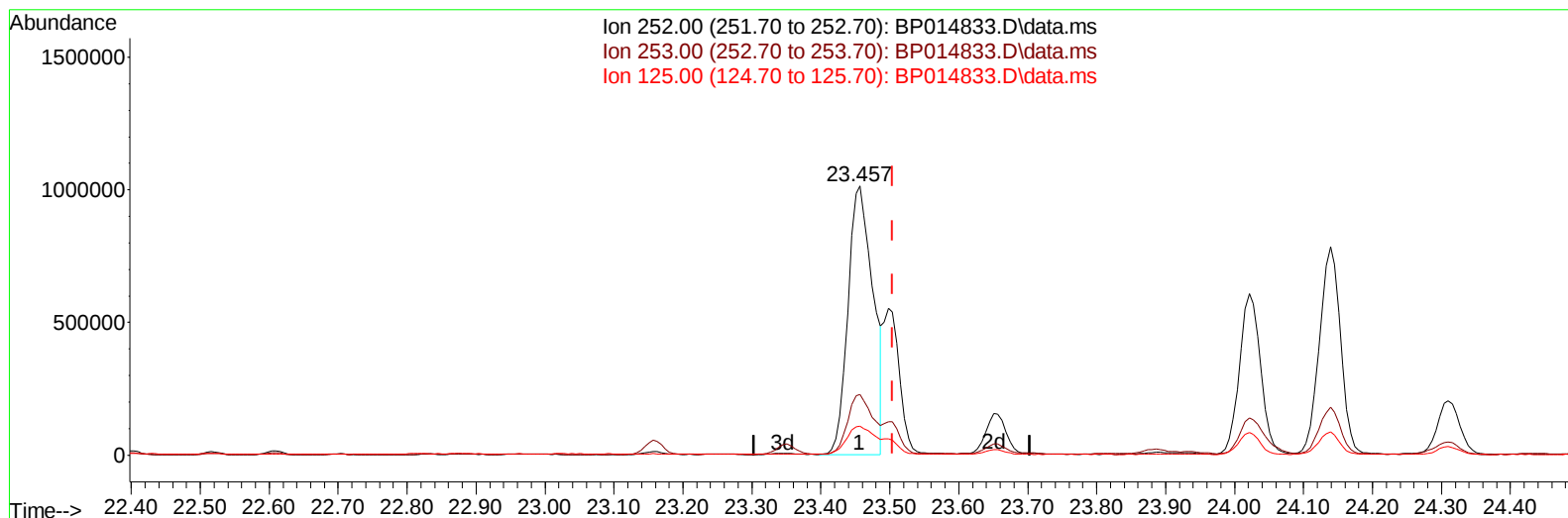
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014833.D
 Acq On : 26 Apr 2023 11:02
 Operator : CG/JU
 Sample : 02418-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z5

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

Quant Time: Apr 26 22:47:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration



TIC: BP014833.D\data.ms

(91) Benzo(k)fluoranthene

23.457min (-0.047) 37.66 ng/u1

response 2549291

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.58
125.00	9.90	10.70
0.00	0.00	0.00

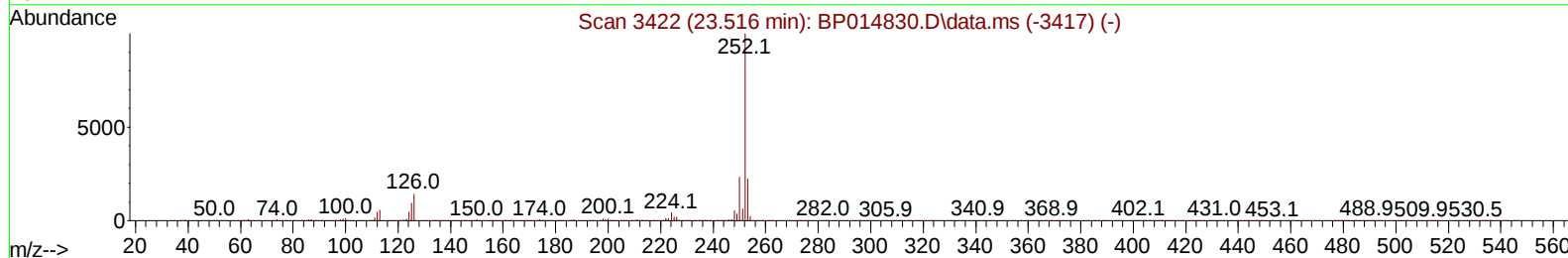
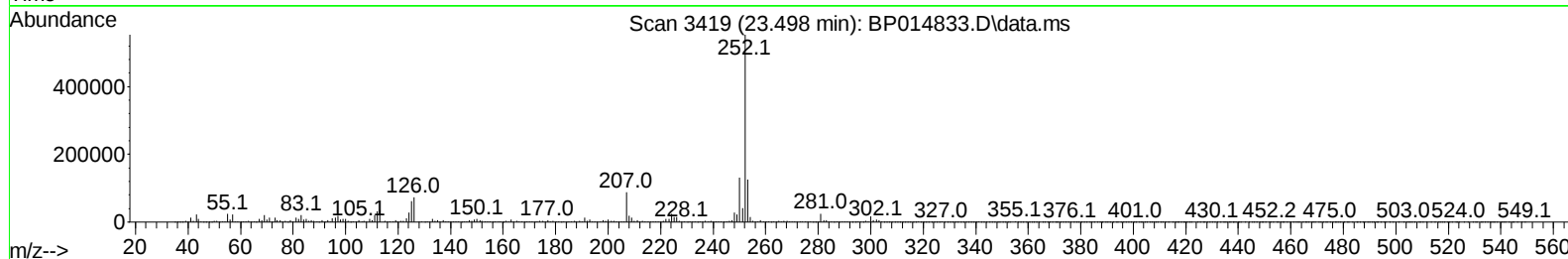
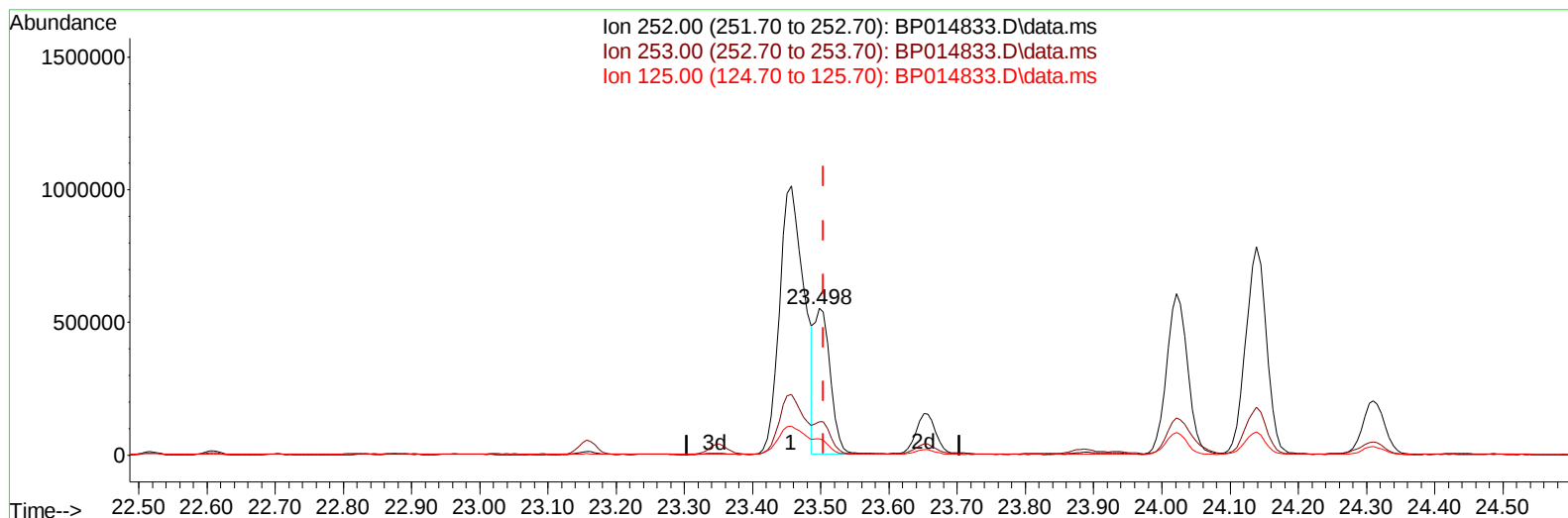
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TIC: BP014833.D\data.ms

(91) Benzo(k)fluoranthene

23.498min (-0.006) 13.06 ng/u1 m

response 884051

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.86
125.00	9.90	11.10
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	8.199	152	287724	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1257840	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	778003	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1632366	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	1077410	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1019196	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	18183	2.485	ng/uL	0.00
4) Pyridine-d5	3.969	84	8737	0.412	ng/ul	0.03
7) Phenol-d5	7.334	99	363788	13.908	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	270051	17.181	ng/ul	0.00
11) 2-Chlorophenol-d4	7.722	132	313415	16.228	ng/ul	0.00
15) 4-Methylphenol-d8	8.899	113	250818	11.939	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	160588	17.055	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	167501	17.308	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.640	165	340174	16.911	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	139914	4.847	ng/ul	0.00
46) Dimethylphthalate-d6	14.228	166	1148241	19.020	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	1327557	19.182	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	104589	9.510	ng/ul	0.00
60) Fluorene-d10	15.816	176	1007853	19.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	82842	9.146	ng/ul	0.00
73) Anthracene-d10	17.675	188	1543351	20.135	ng/ul	0.00
81) Pyrene-d10	19.892	212	1635687	24.971	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	1091678	20.661	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.369	94	34519	1.269	ng/ul	99
16) Acetophenone	9.028	105	221531	6.741	ng/ul	97
30) Naphthalene	11.081	128	97564	1.402	ng/ul	100
36) 2-Methylnaphthalene	12.675	142	51590	1.092	ng/ul	99
37) 1-Methylnaphthalene	12.893	142	53354	1.133	ng/ul	97
50) Acenaphthylene	14.551	152	179628	2.403	ng/ul	98
52) Acenaphthene	14.892	153	159230	3.099	ng/ul	99
56) Dibenzofuran	15.222	168	175947	2.432	ng/ul	99
61) Fluorene	15.875	166	234931	4.116	ng/ul	99
72) Phenanthrene	17.622	178	4406656	49.296	ng/ul	99
74) Anthracene	17.710	178	694150	7.702	ng/ul	98
77) Carbazole	17.969	167	447703	5.836	ng/ul	99
80) Fluoranthene	19.569	202	5822528	75.424	ng/ul	99
82) Pyrene	19.922	202	5146943	64.465	ng/ul	99
83) Butylbenzylphthalate	20.769	149	239689	8.947	ng/ul	96
85) Benzo(a)anthracene	21.633	228	2041601	27.239	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	6241672	156.954	ng/ul#	97
87) Chrysene	21.692	228	2180290	30.685	ng/ul	98
90) Benzo(b)fluoranthene	23.457	252	2549291	36.523	ng/ul	98
91) Benzo(k)fluoranthene	23.498	252	884051m	13.059	ng/ul	
93) Benzo(a)pyrene	24.139	252	1661807	28.109	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.009	276	1212153	18.182	ng/ul	97
95) Dibenzo(a,h)anthracene	27.015	278	302353	5.438	ng/ul#	82

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----	-----
96) Benzo(g,h,i)perylene	27.862	276		1023979	19.387	ng/ul	98
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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