Quantitation Report (Qedit)

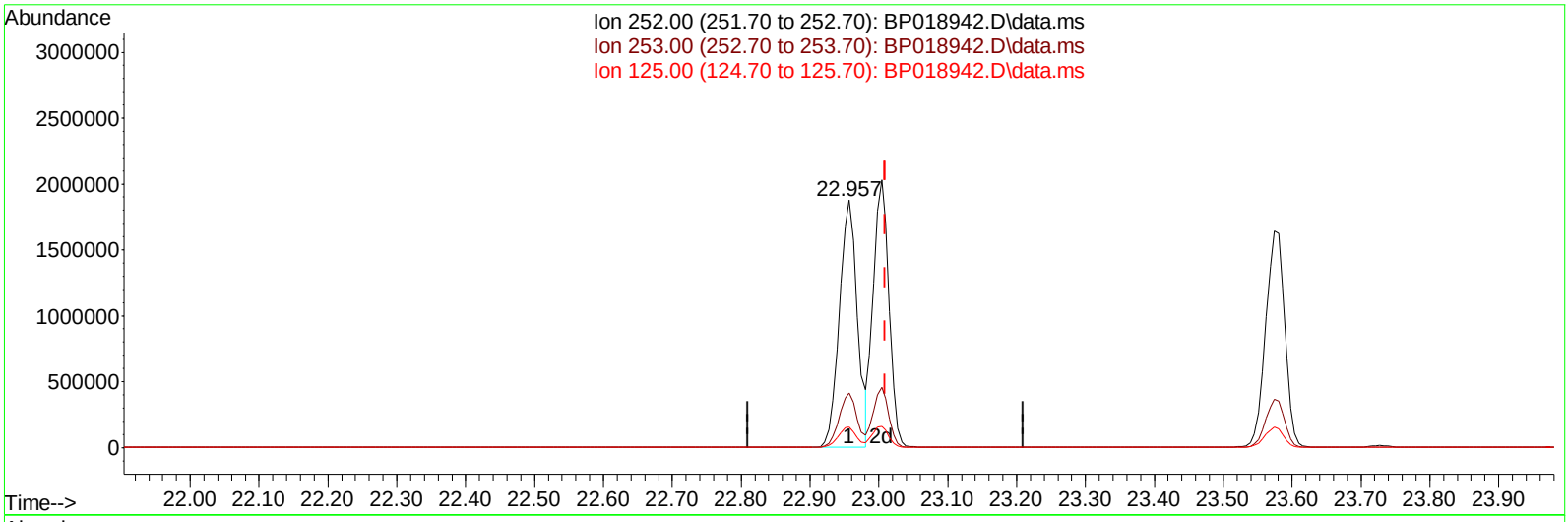
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018942.D
Acq On : 19 Dec 2023 11:43
Operator : MA/JU
Sample : 05773-05MSD 10X
Misc :
ALS Vial : 46 Sample Multiplier: 1

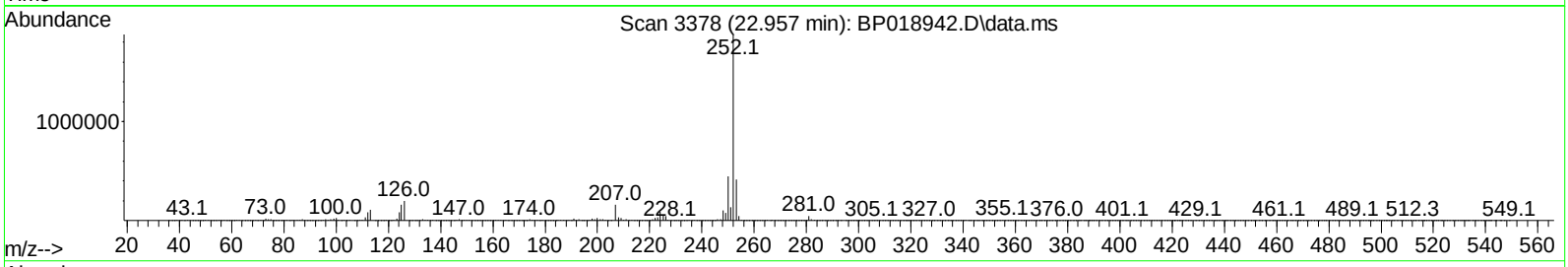
Quant Time: Dec 19 21:40:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

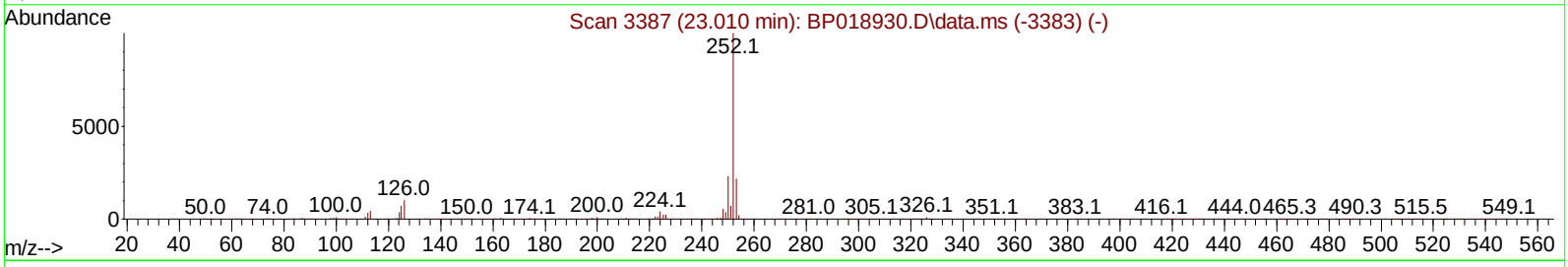
Instrument :
BNA_P
ClientSampleId :
E0Y94MSD

Manual IntegrationsAPPROVED

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







TIC: BP018942.D\data.ms

(91) Benzo(k)fluoranthene

22.957min (-0.053) 34.85 ng/ul

response 3398356

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.94
125.00	10.00	8.40
0.00	0.00	0.00

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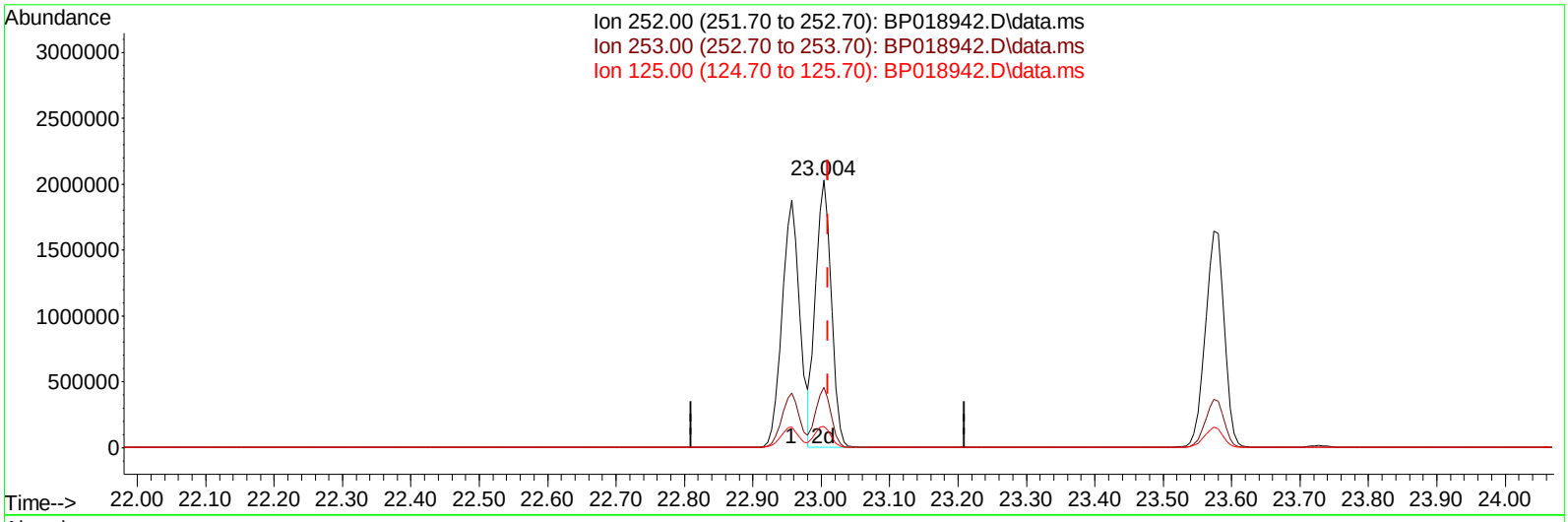

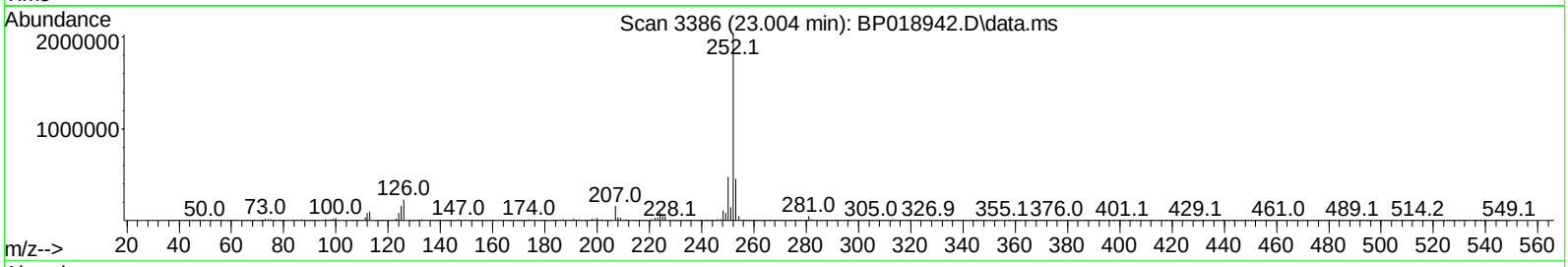

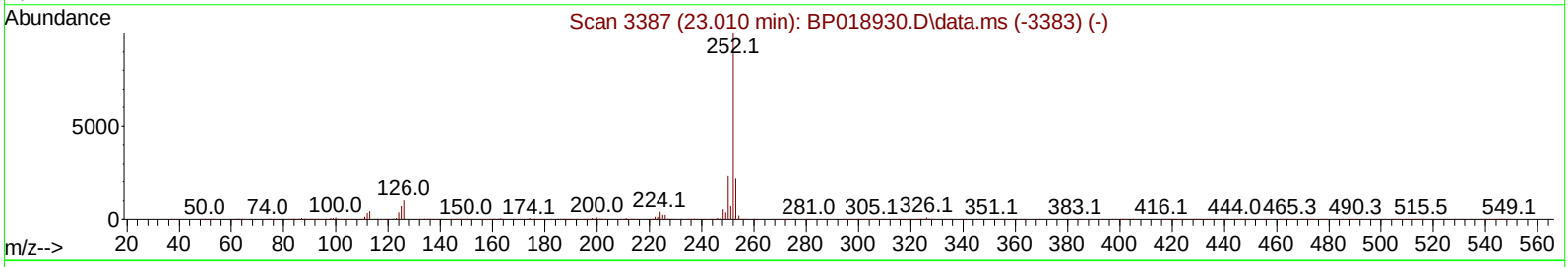

TIC: BP018942.D\data.ms

(91) Benzo(k)fluoranthene

23.004min (-0.006) 33.18 ng/ul m

response 3235553

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.48
125.00	10.00	7.92#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	199829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	778333	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	495820	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1139466	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1138810	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1366726	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	12004	2.047	ng/uL	0.00
4) Pyridine-d5	3.681	84	155207	9.881	ng/ul	0.00
7) Phenol-d5	7.011	99	107756	5.373	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	281718	23.703	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	293440	18.753	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	193401	11.917	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	202350	29.210	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	200627	27.934	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	374004	25.467	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	493954	25.736	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1396537	31.558	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	1582715	32.481	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	52261	7.195	ng/ul	0.00
60) Fluorene-d10	15.457	176	1254346	33.769	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	176275	25.800	ng/ul	0.00
73) Anthracene-d10	17.316	188	2066538	34.498	ng/ul	0.00
81) Pyrene-d10	19.557	212	2543629	28.694	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	2693793	33.803	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	25399	3.950	ng/uL	99
5) Pyridine	3.699	79	200040	12.611	ng/ul	95
6) Benzaldehyde	6.975	77	278734	26.921	ng/ul	95
8) Phenol	7.034	94	121015	6.154	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.263	93	414174	25.644	ng/ul	98
12) 2-Chlorophenol	7.393	128	310763	19.623	ng/ul	99
13) 2-Methylphenol	8.281	108	230947	15.339	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.358	45	469743	22.922	ng/ul	97
16) Acetophenone	8.658	105	655968	27.121	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	303199	22.787	ng/ul	96
18) 4-Methylphenol	8.610	108	217524	13.231	ng/ul	99
19) Hexachloroethane	8.905	117	170775	26.304	ng/ul	85
22) Nitrobenzene	9.034	77	487736	28.958	ng/ul	97
23) Isophorone	9.563	82	912535	26.573	ng/ul	98
25) 2-Nitrophenol	9.746	139	216793	28.192	ng/ul	96
26) 2,4-Dimethylphenol	9.810	107	319247	21.227	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	548650	25.306	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	369690	26.134	ng/ul	97
30) Naphthalene	10.675	128	1391693	29.475	ng/ul	99
32) 4-Chloroaniline	10.793	127	470703	25.732	ng/ul	100
33) Hexachlorobutadiene	10.957	225	318811	33.652	ng/ul	100
34) Caprolactam	11.581	113	25692	5.923	ng/ul	80
35) 4-Chloro-3-methylphenol	11.922	107	377171	23.801	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.287	142	960899	28.726	ng/ul	100
37) 1-Methylnaphthalene	12.504	142	947960	28.062	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.657	216	613237	34.089	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	132981	12.472	ng/ul	100
41) 2,4,6-Trichlorophenol	12.898	196	328649	28.400	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	382705	30.505	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	1325039	30.900	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	1084532	32.022	ng/ul	98
45) 2-Nitroaniline	13.551	65	314647	34.270	ng/ul	95
47) Dimethylphthalate	13.928	163	1452217	33.338	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	311688	37.873	ng/ul	92
50) Acenaphthylene	14.187	152	1815096	33.131	ng/ul	100
51) 3-Nitroaniline	14.381	138	284431	34.622	ng/ul	97
52) Acenaphthene	14.528	153	1192526	32.921	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	96221	22.060	ng/ul	93
55) 4-Nitrophenol	14.698	109	43136	7.860	ng/ul	99
56) Dibenzofuran	14.863	168	1724085	34.245	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	456995	39.476	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.092	232	297363	28.257	ng/ul	92
59) Diethylphthalate	15.292	149	1430834	33.567	ng/ul	98
61) Fluorene	15.516	166	1428860	35.868	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	754279	36.102	ng/ul	94
63) 4-Nitroaniline	15.545	138	327610	41.859	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.604	198	192777	26.391	ng/ul#	90
67) N-Nitrosodiphenylamine	15.728	169	1232589	32.644	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	515229	35.816	ng/ul	94
69) Hexachlorobenzene	16.516	284	618871	38.532	ng/ul	96
70) Atrazine	16.681	200	38050	3.390	ng/ul	98
71) Pentachlorophenol	16.869	266	239517	25.075	ng/ul	99
72) Phenanthrene	17.257	178	2478484	36.015	ng/ul	100
74) Anthracene	17.351	178	2489909	36.095	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.263	216	626498	31.798	ng/uL	99
76) Pentachlorobenzene	14.781	250	684756	35.381	ng/uL	99
77) Carbazole	17.628	167	2241717	40.775	ng/ul	99
78) Di-n-butylphthalate	18.175	149	2490534	34.021	ng/ul	100
80) Fluoranthene	19.228	202	3077549	29.370	ng/ul	96
82) Pyrene	19.586	202	3182020	30.102	ng/ul#	93
83) Butylbenzylphthalate	20.457	149	1210797	31.287	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	946679	34.208	ng/ul	98
85) Benzo(a)anthracene	21.292	228	3284360	35.531	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1669056	31.379	ng/ul	99
87) Chrysene	21.345	228	3014005	35.408	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	2947161	29.534	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	3398356	33.724	ng/ul	98
91) Benzo(k)fluoranthene	23.004	252	3235553m	33.185	ng/ul	
93) Benzo(a)pyrene	23.574	252	3166048	34.385	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.151	276	4000628	36.365	ng/ul	97
95) Dibenzo(a,h)anthracene	26.162	278	3319651	36.274	ng/ul	96
96) Benzo(g,h,i)perylene	26.904	276	3218825	36.356	ng/ul#	95

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

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