Quantitation Report (Qedit)

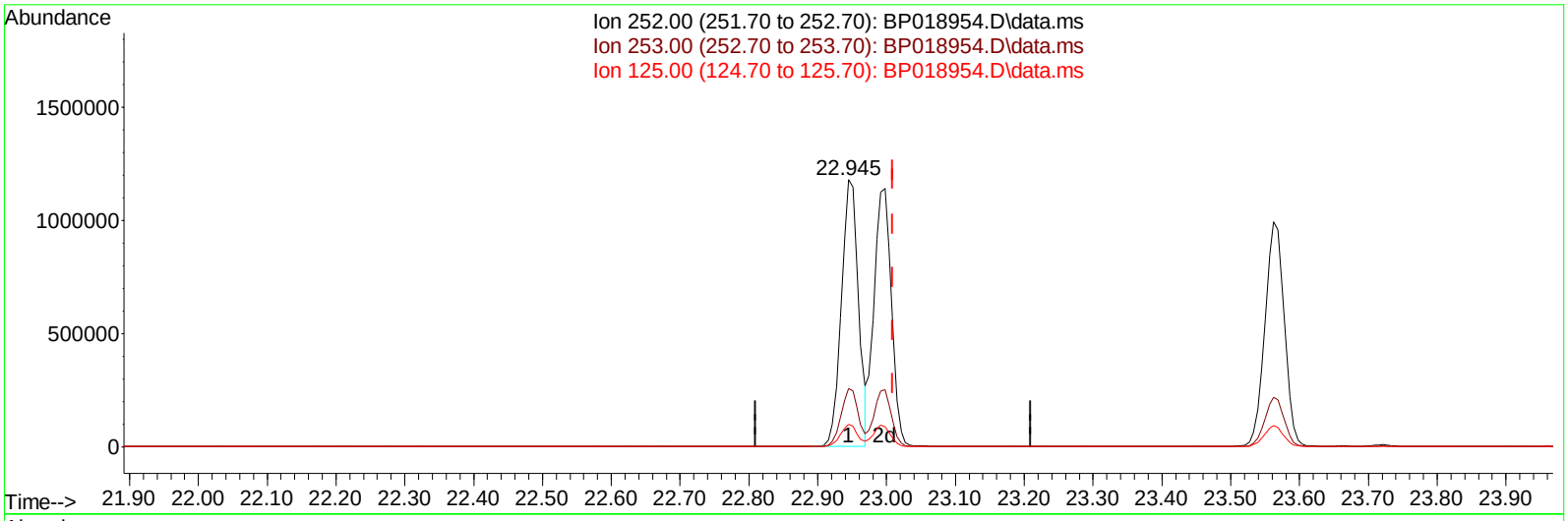
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018954.D
Acq On : 20 Dec 2023 11:10
Operator : MA/JU
Sample : PB157781BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

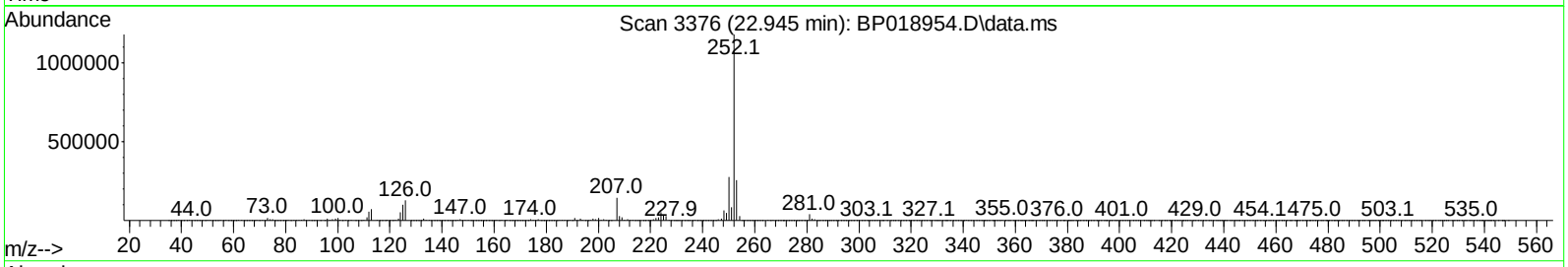
Quant Time: Dec 20 21:46:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

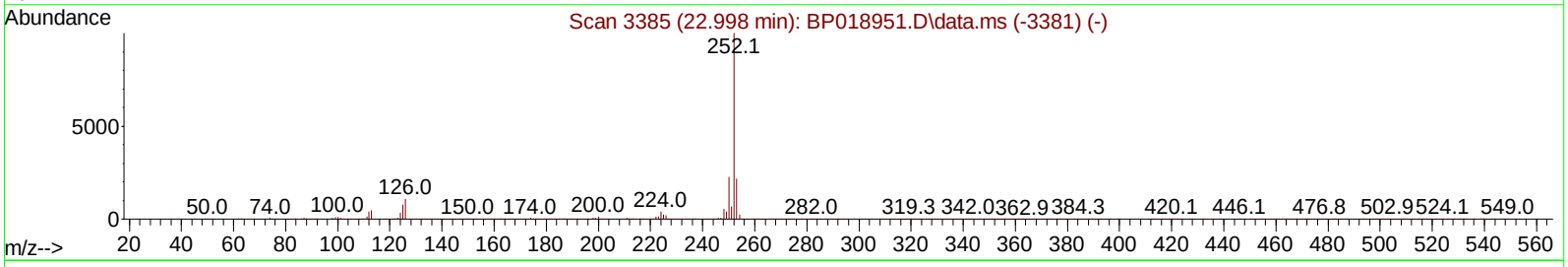
Instrument :
BNA_P
ClientSampleId :
SLCS781

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/22/2023







TIC: BP018954.D\data.ms

(91) Benzo(k)fluoranthene

22.945min (-0.065) 31.34 ng/ul

response 2023288

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.85
125.00	10.00	8.47
0.00	0.00	0.00

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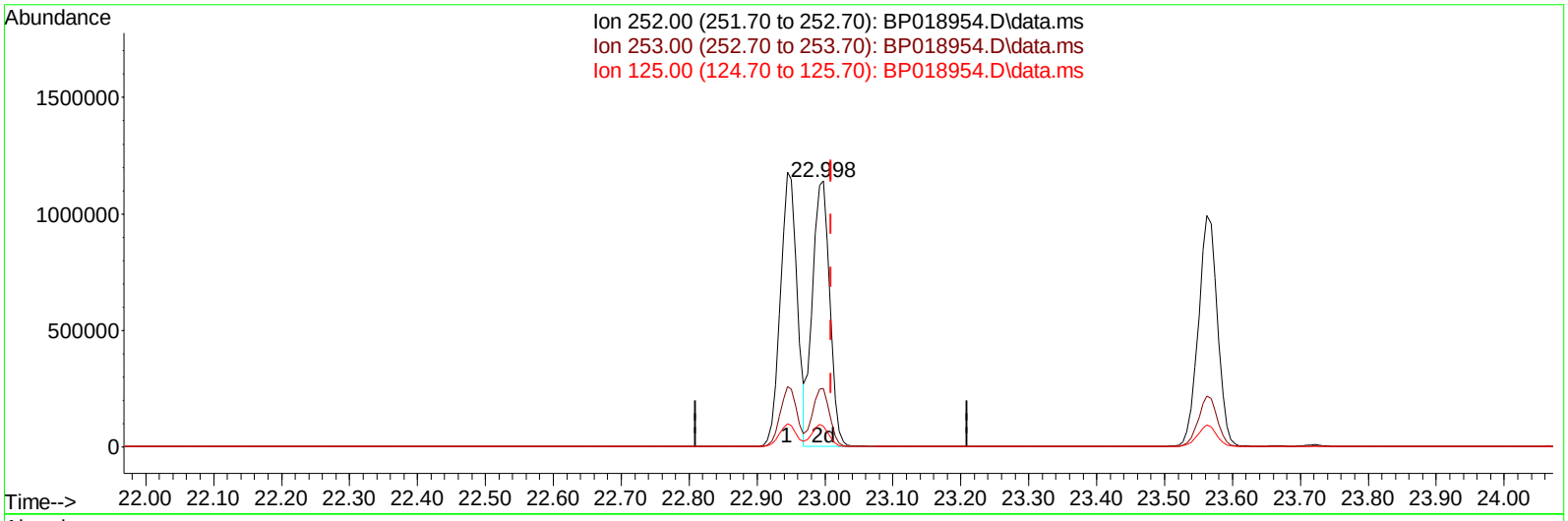

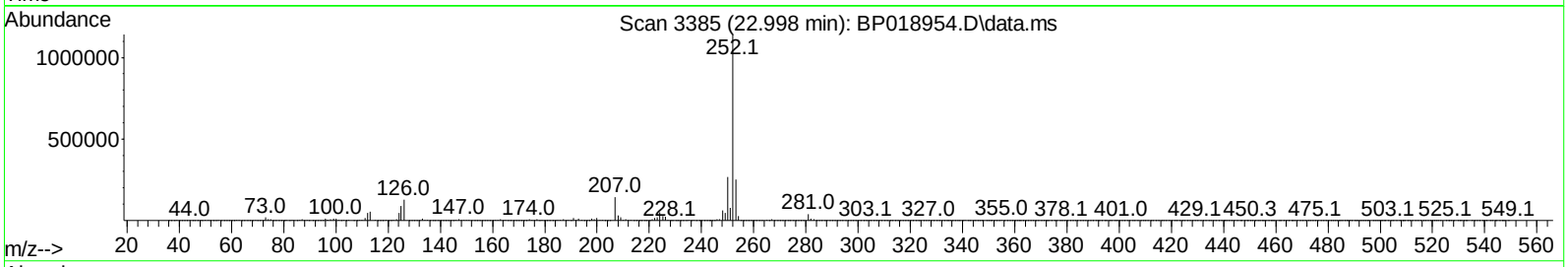

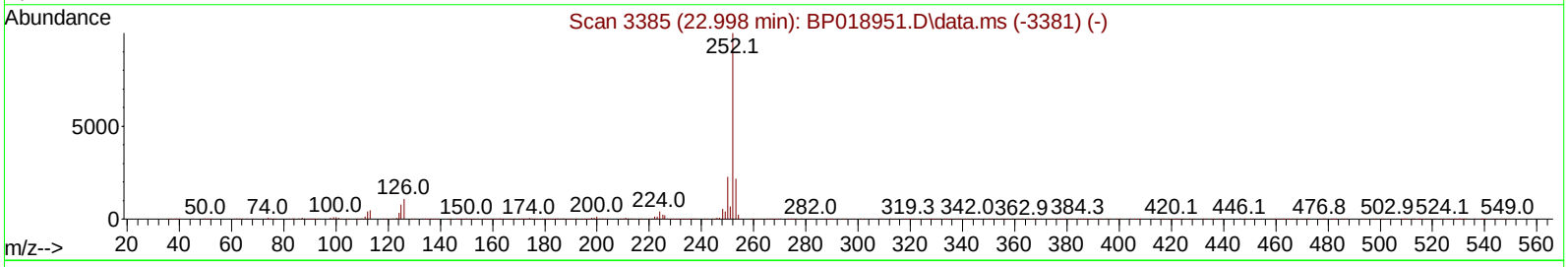

TIC: BP018954.D\data.ms

(91) Benzo(k)fluoranthene

22.998min (-0.012) 31.34 ng/ul m

response 2023327

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.99
125.00	10.00	7.70#
0.00	0.00	0.00

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Acq On : 20 Dec 2023 11:10
Operator : MA/JU
Sample : PB157781BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 22:04:44 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

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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	132981	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	501165	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	310107	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	703406	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	749628	20.000	ng/ul	-0.01
88) Perylene-d12	23.668	264	904943	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	21132	5.415	ng/uL	0.00
4) Pyridine-d5	3.669	84	281044	26.887	ng/ul	-0.01
7) Phenol-d5	7.004	99	352298	26.399	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	197364	24.953	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	277417	26.641	ng/ul	-0.01
15) 4-Methylphenol-d8	8.546	113	266945	24.717	ng/ul	-0.01
21) Nitrobenzene-d5	8.993	128	130357	29.225	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	147799	31.960	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	285496	30.191	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.769	131	348275	28.182	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	785376	28.376	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	915032	30.024	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	144795	31.871	ng/ul	-0.01
60) Fluorene-d10	15.457	176	695677	29.944	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	145243	34.437	ng/ul	-0.01
73) Anthracene-d10	17.310	188	1091934	29.528	ng/ul	0.00
81) Pyrene-d10	19.551	212	1401872	24.024	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	1624641	30.790	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	43233	10.103	ng/uL	95
5) Pyridine	3.687	79	294971	27.944	ng/ul	99
6) Benzaldehyde	6.969	77	175756	25.508	ng/ul	96
8) Phenol	7.028	94	374824	28.641	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.257	93	290856	27.061	ng/ul	99
12) 2-Chlorophenol	7.393	128	298212	28.296	ng/ul	96
13) 2-Methylphenol	8.275	108	270715	27.020	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.363	45	325733	23.885	ng/ul	98
16) Acetophenone	8.651	105	436235	27.103	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.640	70	205165	23.171	ng/ul	96
18) 4-Methylphenol	8.610	108	289052	26.420	ng/ul	97
19) Hexachloroethane	8.898	117	125669	29.086	ng/ul	89
22) Nitrobenzene	9.034	77	320051	29.511	ng/ul	98
23) Isophorone	9.557	82	592025	26.774	ng/ul	98
25) 2-Nitrophenol	9.740	139	161359	32.588	ng/ul	97
26) 2,4-Dimethylphenol	9.804	107	243863	25.182	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.045	93	367211	26.305	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	286743	31.481	ng/ul	98
30) Naphthalene	10.675	128	910977	29.964	ng/ul	100
32) 4-Chloroaniline	10.792	127	284531	24.157	ng/ul	98
33) Hexachlorobutadiene	10.951	225	216949	35.565	ng/ul	99
34) Caprolactam	11.575	113	88479	31.680	ng/ul	93
35) 4-Chloro-3-methylphenol	11.922	107	284658	27.898	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.281	142	616455	28.621 ng/ul	99
37) 1-Methylnaphthalene	12.504	142	604660	27.799 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	385925	34.301 ng/ul	100
40) Hexachlorocyclopentadiene	12.628	237	163867	24.572 ng/ul#	99
41) 2,4,6-Trichlorophenol	12.898	196	231516	31.987 ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	259919	33.125 ng/ul	98
43) 1,1'-Biphenyl	13.298	154	814981	30.387 ng/ul	98
44) 2-Chloronaphthalene	13.339	162	668165	31.543 ng/ul	98
45) 2-Nitroaniline	13.551	65	173493	30.212 ng/ul	94
47) Dimethylphthalate	13.928	163	834447	30.628 ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	169076	32.848 ng/ul	96
50) Acenaphthylene	14.186	152	1071590	31.273 ng/ul	99
51) 3-Nitroaniline	14.375	138	166422	32.389 ng/ul	97
52) Acenaphthene	14.528	153	700196	30.906 ng/ul	96
53) 2,4-Dinitrophenol	14.586	184	94508	34.644 ng/ul	93
55) 4-Nitrophenol	14.692	109	121253	35.326 ng/ul	92
56) Dibenzofuran	14.863	168	996023	31.632 ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	247594	34.196 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	217314	33.017 ng/ul	90
59) Diethylphthalate	15.286	149	810234	30.391 ng/ul	100
61) Fluorene	15.510	166	808924	32.466 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	432582	33.104 ng/ul	96
63) 4-Nitroaniline	15.539	138	181622	37.104 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.598	198	162451	36.026 ng/ul	91
67) N-Nitrosodiphenylamine	15.722	169	691705	29.676 ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	280357	31.571 ng/ul	95
69) Hexachlorobenzene	16.516	284	333424	33.629 ng/ul	95
70) Atrazine	16.680	200	162708	23.480 ng/ul	96
71) Pentachlorophenol	16.863	266	192992	32.729 ng/ul	100
72) Phenanthrene	17.257	178	1353699	31.865 ng/ul	99
74) Anthracene	17.345	178	1338384	31.430 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	386540	31.781 ng/uL	99
76) Pentachlorobenzene	14.780	250	389812	32.628 ng/uL	99
77) Carbazole	17.622	167	1239071	36.509 ng/ul	99
78) Di-n-butylphthalate	18.174	149	1388181	30.718 ng/ul	100
80) Fluoranthene	19.227	202	1698715	24.628 ng/ul	96
82) Pyrene	19.580	202	1790320	25.729 ng/ul#	93
83) Butylbenzylphthalate	20.457	149	670321	26.314 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	651149	35.745 ng/ul	99
85) Benzo(a)anthracene	21.286	228	1927909	31.685 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	963717	27.525 ng/ul#	99
87) Chrysene	21.339	228	1784332	31.845 ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1720392	26.038 ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2023288	30.324 ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	2023327m	31.341 ng/ul	
93) Benzo(a)pyrene	23.562	252	1940372	31.827 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	2503810	34.373 ng/ul	95
95) Dibenzo(a,h)anthracene	26.150	278	2075945	34.259 ng/ul#	96
96) Benzo(g,h,i)perylene	26.886	276	2028392	34.602 ng/ul#	95

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

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