Quantitation Report (Qedit)

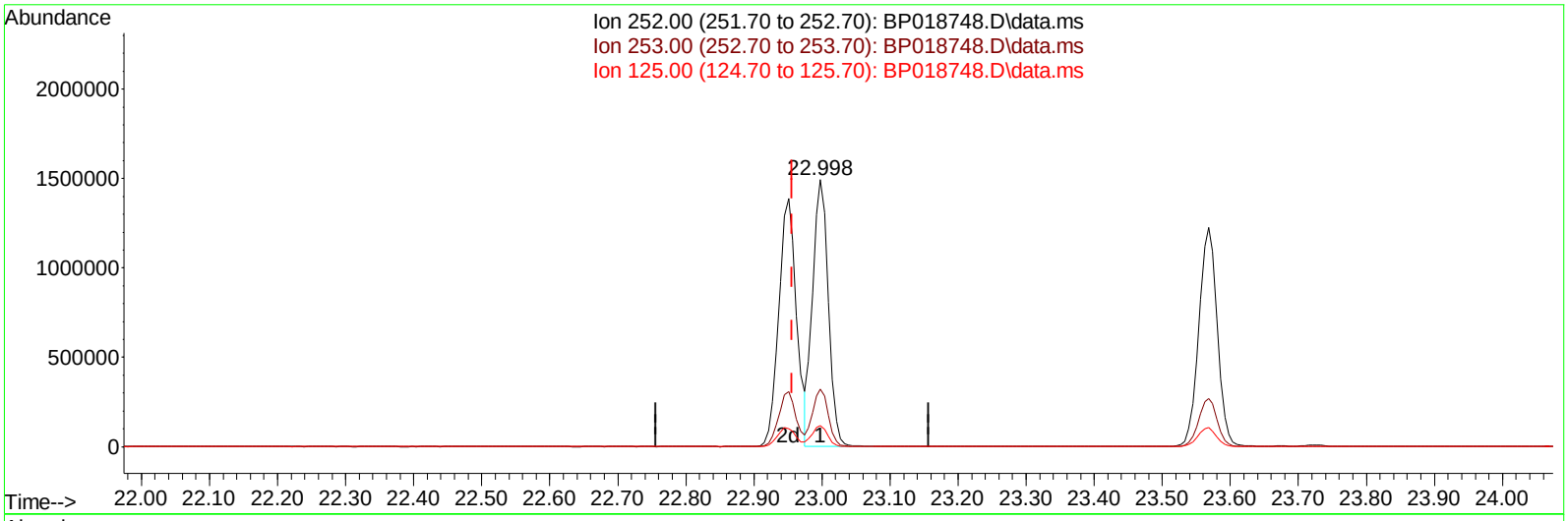
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018748.D
Acq On : 12 Dec 2023 03:20
Operator : MA/JU
Sample : PB157560BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

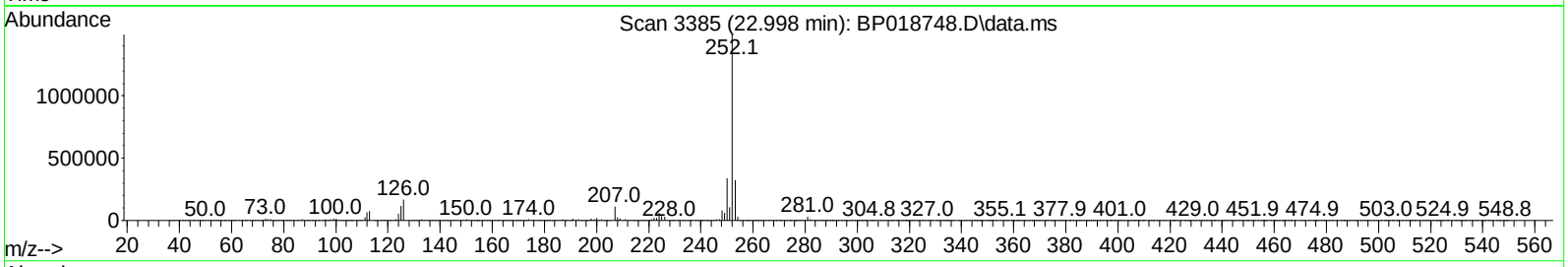
Quant Time: Dec 12 03:47:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

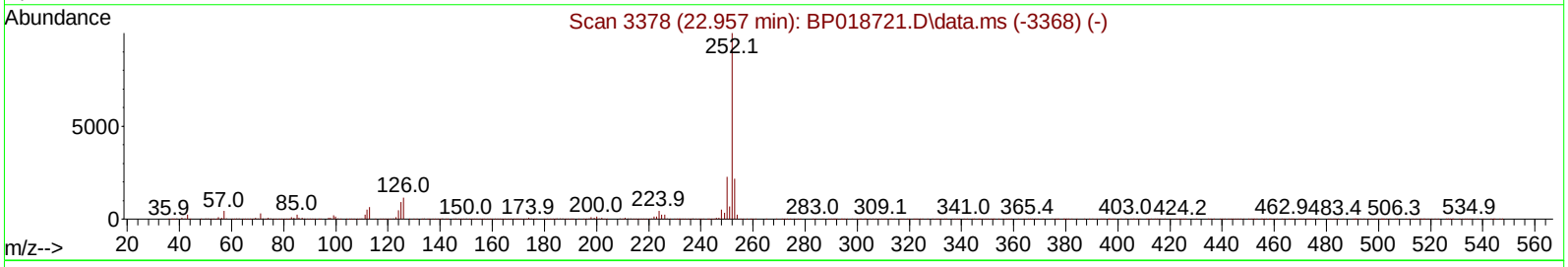
Instrument :
BNA_P
ClientSampleId :
SLCS560

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :mohammad ahmed 12/14/2023







TIC: BP018748.D\data.ms

(90) Benzo(b)fluoranthene

22.998min (+ 0.041) 28.59 ng/ul

response 2413117

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.67
125.00	9.70	7.95
0.00	0.00	0.00

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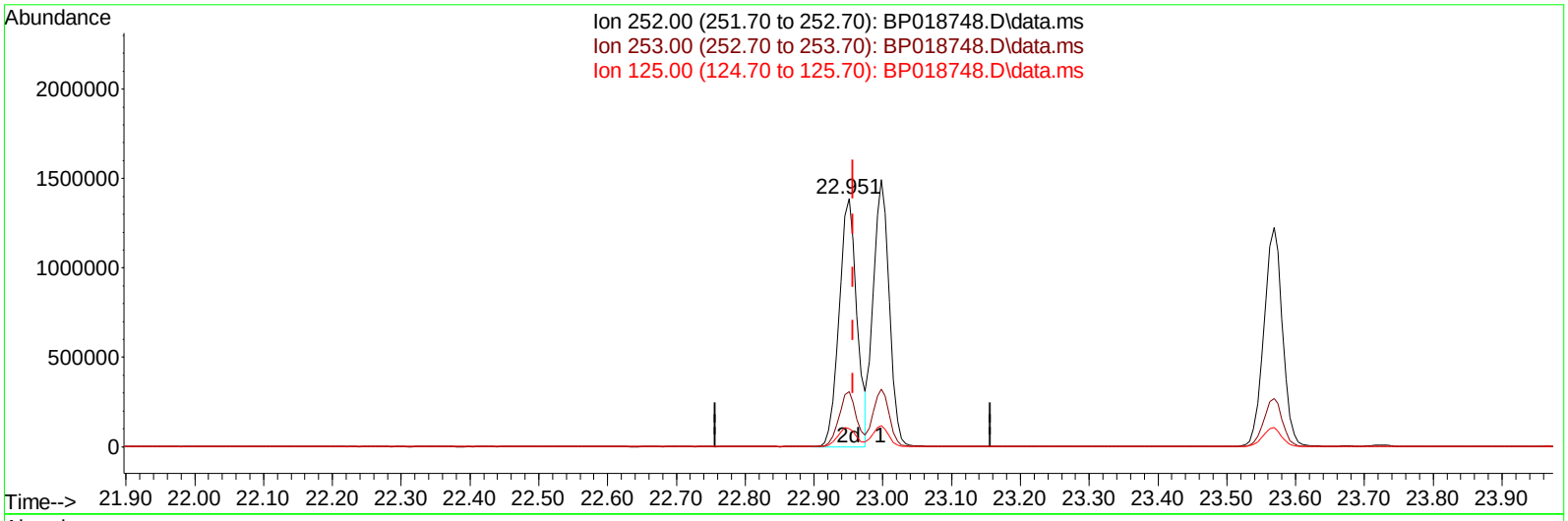

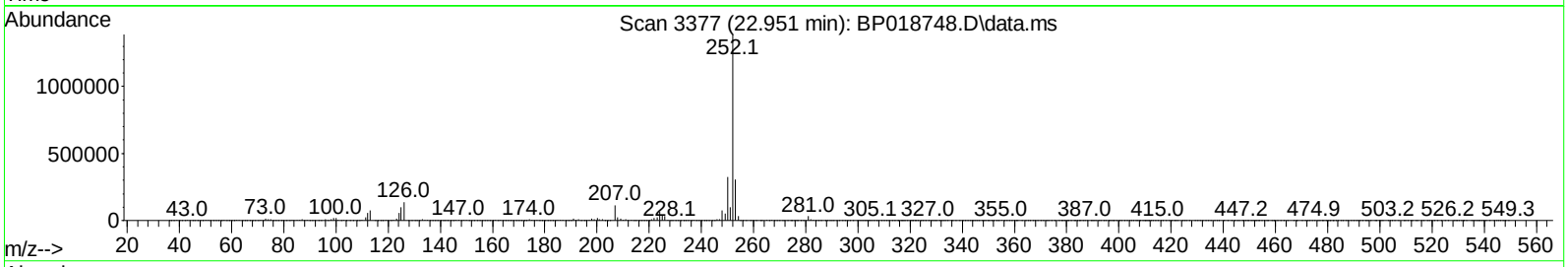

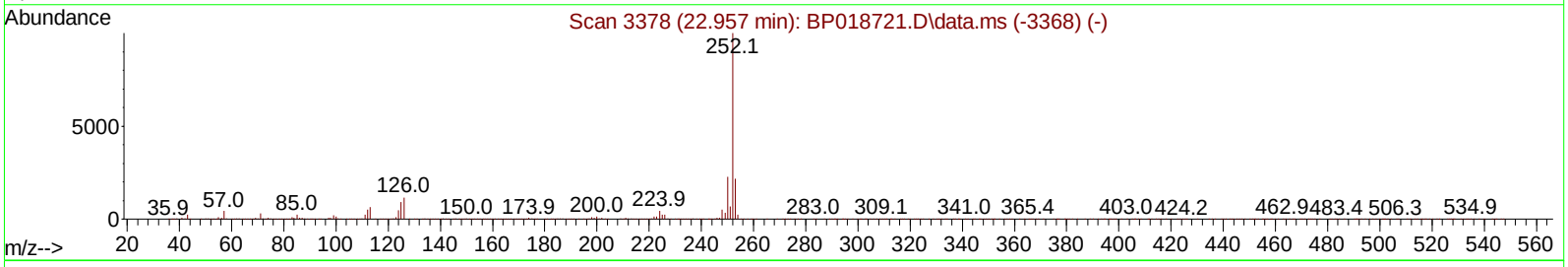

TIC: BP018748.D\data.ms

(90) Benzo(b)fluoranthene

22.951min (-0.006) 29.68 ng/ul m

response 2505143

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.18
125.00	9.70	7.30#
0.00	0.00	0.00

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Misc :
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Quant Time: Dec 12 03:48:40 2023
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Quant Title : SVOA CALIBRATION
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Instrument :
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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	7.840	152	162724	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	618969	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	404497	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	951889	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1016147	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1144666	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24621	5.156	ng/uL	0.00
4) Pyridine-d5	3.681	84	333668	26.087	ng/ul	0.00
7) Phenol-d5	7.010	99	408493	25.015	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	241390	24.941	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	330529	25.940	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	323456	24.475	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	155090	28.152	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	166883	29.218	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	345084	29.548	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	415424	27.218	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1064970	29.499	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1121634	28.215	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	191733	32.355	ng/ul	0.00
60) Fluorene-d10	15.463	176	878502	28.990	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	179206	31.398	ng/ul	0.00
73) Anthracene-d10	17.316	188	1424535	28.466	ng/ul	0.00
81) Pyrene-d10	19.551	212	1871333	23.658	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	2055550	30.798	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	51460	9.827	ng/uL	98
5) Pyridine	3.699	79	335370	25.964	ng/ul	99
6) Benzaldehyde	6.981	77	210058	24.914	ng/ul	99
8) Phenol	7.040	94	412243	25.742	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.269	93	332479	25.280	ng/ul	99
12) 2-Chlorophenol	7.404	128	327464	25.393	ng/ul	98
13) 2-Methylphenol	8.287	108	300049	24.474	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.375	45	391374	23.453	ng/ul	98
16) Acetophenone	8.669	105	493100	25.036	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.657	70	240447	22.192	ng/ul	99
18) 4-Methylphenol	8.616	108	329819	24.636	ng/ul	98
19) Hexachloroethane	8.916	117	142443	26.943	ng/ul	86
22) Nitrobenzene	9.046	77	372134	27.783	ng/ul	98
23) Isophorone	9.569	82	693814	25.406	ng/ul	98
25) 2-Nitrophenol	9.751	139	178815	29.240	ng/ul	96
26) 2,4-Dimethylphenol	9.816	107	279576	23.375	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.057	93	432035	25.058	ng/ul	100
29) 2,4-Dichlorophenol	10.287	162	328515	29.203	ng/ul	97
30) Naphthalene	10.687	128	1015127	27.035	ng/ul	100
32) 4-Chloroaniline	10.798	127	338099	23.242	ng/ul	100
33) Hexachlorobutadiene	10.969	225	257734	34.210	ng/ul	98
34) Caprolactam	11.581	113	105876	30.694	ng/ul	89
35) 4-Chloro-3-methylphenol	11.928	107	347537	27.578	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.298	142	708455	26.632	ng/ul	100
37) 1-Methylnaphthalene	12.516	142	699861	26.052	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.663	216	457984	31.207	ng/ul	97
40) Hexachlorocyclopentadiene	12.640	237	220979	25.404	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	275412	29.173	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	308509	30.142	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	956685	27.347	ng/ul	99
44) 2-Chloronaphthalene	13.345	162	772067	27.943	ng/ul	99
45) 2-Nitroaniline	13.557	65	214680	28.661	ng/ul	97
47) Dimethylphthalate	13.934	163	1030959	29.011	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	208085	30.993	ng/ul	98
50) Acenaphthylene	14.192	152	1244143	27.836	ng/ul	100
51) 3-Nitroaniline	14.381	138	200188	29.869	ng/ul	99
52) Acenaphthene	14.534	153	821932	27.813	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	108902	30.605	ng/ul	94
55) 4-Nitrophenol	14.686	109	166377	37.162	ng/ul	84
56) Dibenzofuran	14.869	168	1174848	28.604	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	309363	32.757	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.098	232	271075	31.574	ng/ul	92
59) Diethylphthalate	15.298	149	1033310	29.715	ng/ul	99
61) Fluorene	15.522	166	954114	29.358	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	520540	30.539	ng/ul	98
63) 4-Nitroaniline	15.545	138	214544	33.602	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.598	198	189706	31.088	ng/ul	96
67) N-Nitrosodiphenylamine	15.733	169	844807	26.783	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	359182	29.889	ng/ul	96
69) Hexachlorobenzene	16.522	284	429760	32.031	ng/ul	96
70) Atrazine	16.686	200	229429	24.465	ng/ul	98
71) Pentachlorophenol	16.869	266	250750	31.424	ng/ul	99
72) Phenanthrene	17.263	178	1650191	28.704	ng/ul	100
74) Anthracene	17.351	178	1624253	28.186	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	462207	28.082	ng/uL	99
76) Pentachlorobenzene	14.786	250	474586	29.354	ng/uL	100
77) Carbazole	17.627	167	1515625	33.000	ng/ul	100
78) Di-n-butylphthalate	18.180	149	1828219	29.895	ng/ul	99
80) Fluoranthene	19.227	202	2144880	22.940	ng/ul	95
82) Pyrene	19.580	202	2204071	23.367	ng/ul#	93
83) Butylbenzylphthalate	20.463	149	854413	24.744	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.227	252	761371	30.833	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2375725	28.804	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	1286639	27.109	ng/ul#	100
87) Chrysene	21.345	228	2207220	29.060	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2241608	26.822	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2505143m	29.683	ng/ul	
91) Benzo(k)fluoranthene	22.998	252	2413117	29.551	ng/ul#	98
93) Benzo(a)pyrene	23.568	252	2306269	29.906	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	2924962	31.745	ng/ul	95
95) Dibenzo(a,h)anthracene	26.151	278	2436181	31.785	ng/ul#	97
96) Benzo(g,h,i)perylene	26.892	276	2334069	31.478	ng/ul#	94

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

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