Quantitation Report (Qedit)

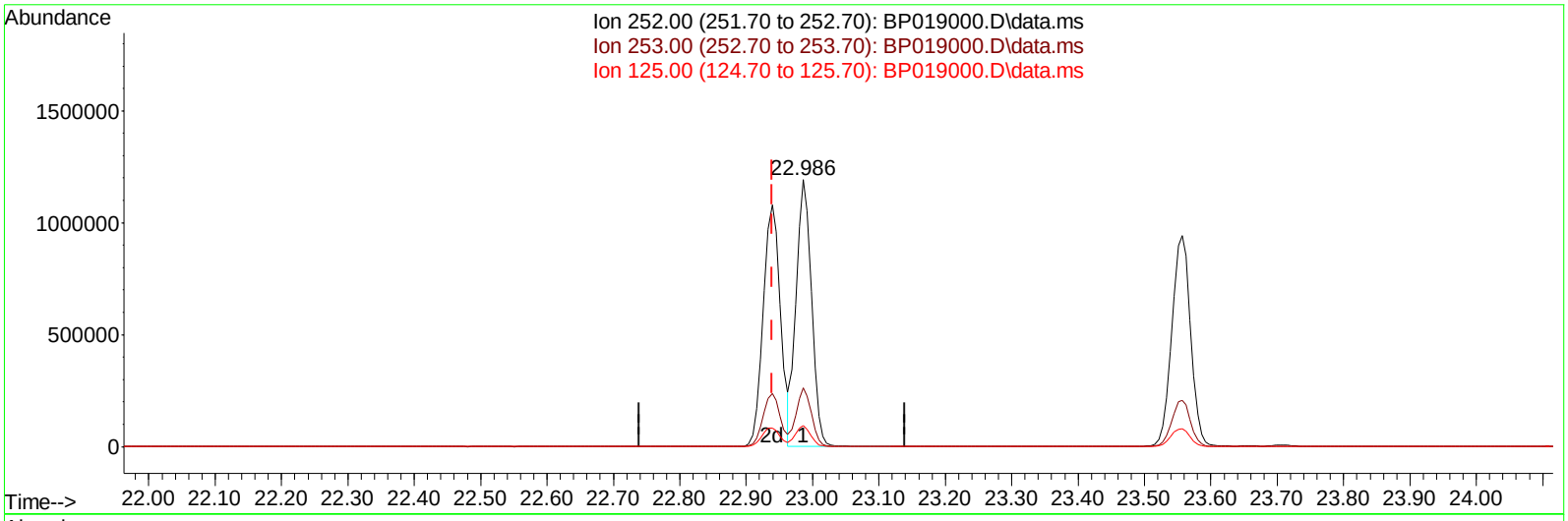
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP019000.D
Acq On : 21 Dec 2023 14:05
Operator : MA/JU
Sample : PB157885BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

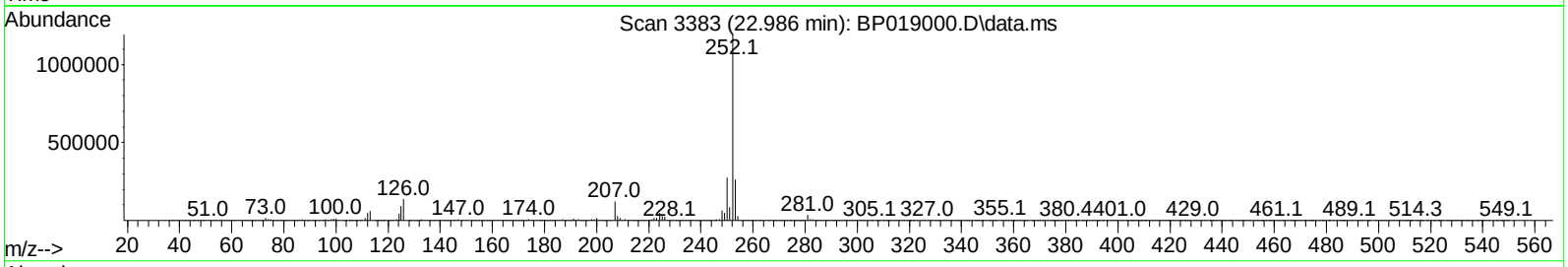
Quant Time: Dec 22 01:07:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

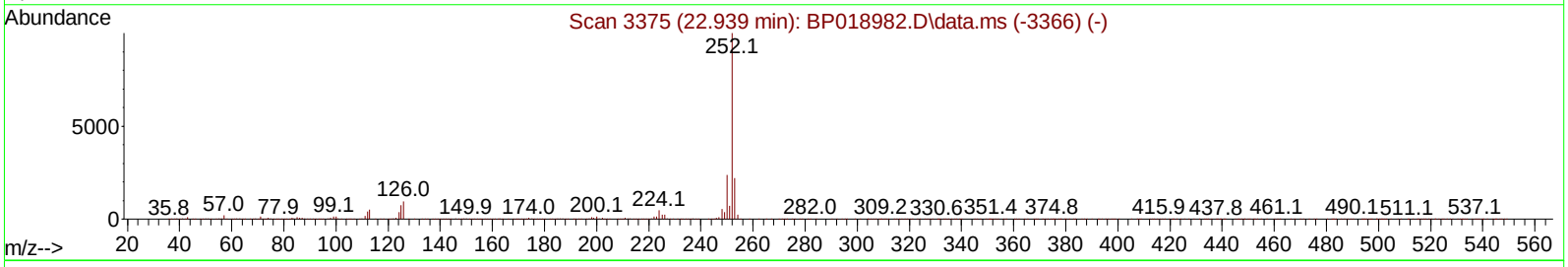
Instrument :
BNA_P
ClientSampleId :
SLCS885

Manual IntegrationsAPPROVED

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







TIC: BP019000.D\data.ms

(90) Benzo(b)fluoranthene

22.986min (+ 0.047) 28.71 ng/ul

response 1932390

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.10
125.00	9.70	7.89
0.00	0.00	0.00

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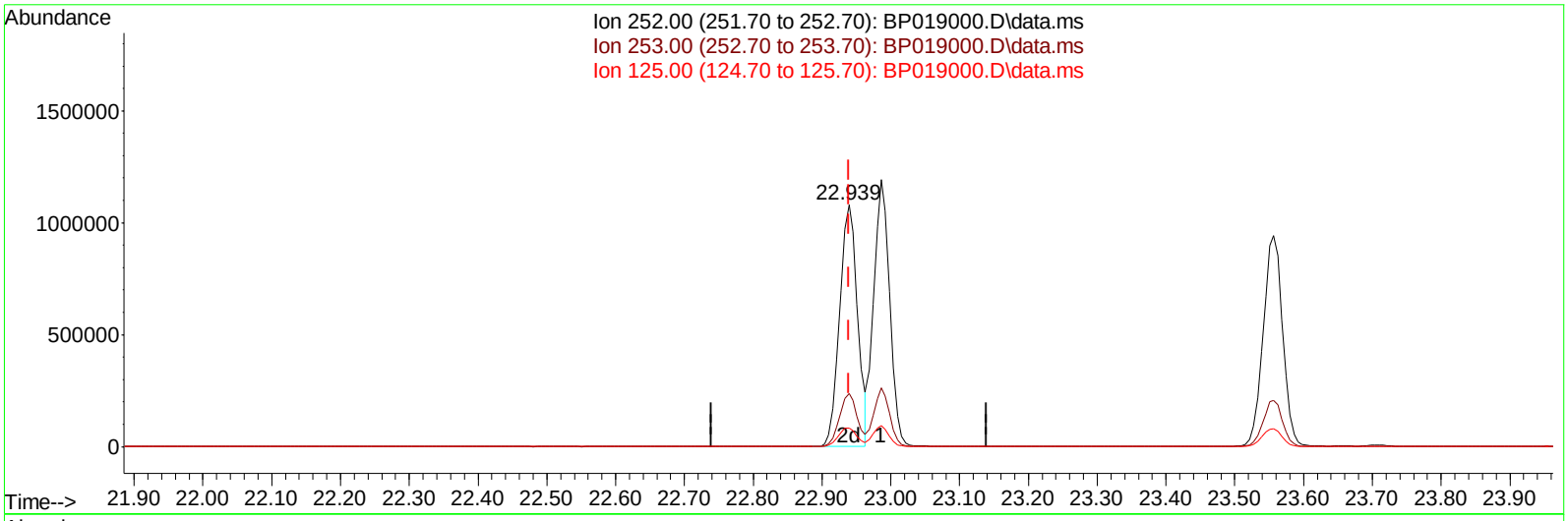

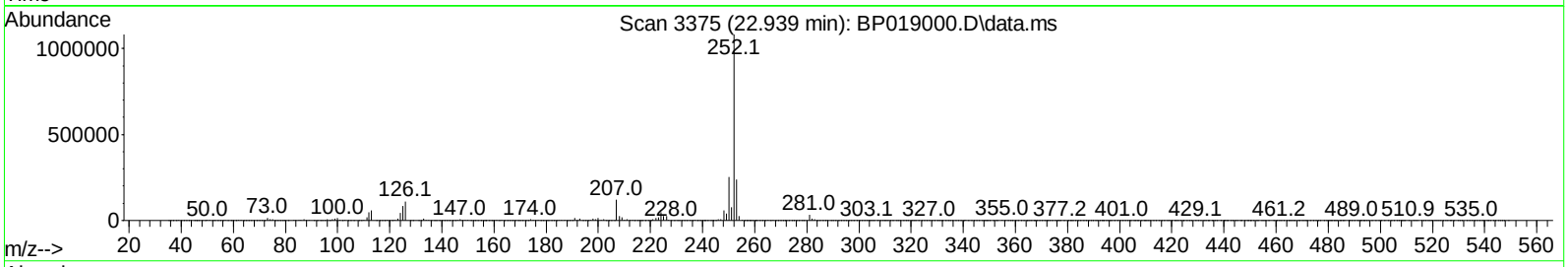

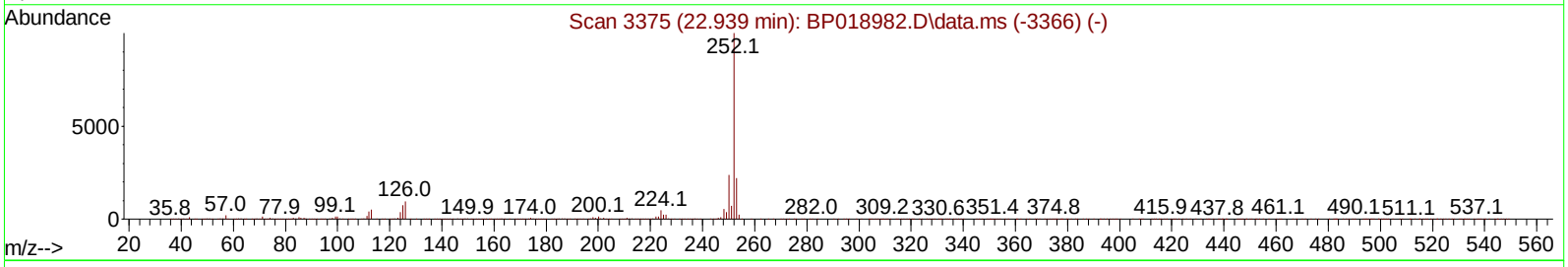

TIC: BP019000.D\data.ms

(90) Benzo(b)fluoranthene

22.939min (+ 0.000) 29.17 ng/ul m

response 1963267

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.11
125.00	9.70	7.73#
0.00	0.00	0.00

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Sample : PB157885BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Dec 22 01:08:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	181670	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	704225	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	448197	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	994994	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	817912	20.000	ng/ul	# 0.00
88) Perylene-d12	23.657	264	912963	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	28259	5.301	ng/uL	0.00
4) Pyridine-d5	3.670	84	371464	26.013	ng/ul	0.00
7) Phenol-d5	6.999	99	466187	25.571	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	271515	25.128	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	371504	26.115	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	372627	25.256	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	179776	28.682	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	204737	31.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	395609	29.773	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	457349	26.337	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1155252	28.880	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1269631	28.824	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	181991	27.716	ng/ul	0.00
60) Fluorene-d10	15.451	176	964832	28.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	201074	33.703	ng/ul	0.00
73) Anthracene-d10	17.304	188	1471709	28.135	ng/ul	0.00
81) Pyrene-d10	19.545	212	1656974	26.025	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	1535346	28.842	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	59366	10.155	ng/uL	96
5) Pyridine	3.687	79	398511	27.635	ng/ul	95
6) Benzaldehyde	6.963	77	230622	24.501	ng/ul	95
8) Phenol	7.028	94	497108	27.804	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.252	93	398489	27.139	ng/ul	100
12) 2-Chlorophenol	7.387	128	398853	27.703	ng/ul	98
13) 2-Methylphenol	8.275	108	367299	26.834	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.346	45	471504	25.308	ng/ul	98
16) Acetophenone	8.652	105	595604	27.087	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.640	70	291702	24.115	ng/ul	98
18) 4-Methylphenol	8.605	108	399097	26.702	ng/ul	99
19) Hexachloroethane	8.893	117	170746	28.928	ng/ul	88
22) Nitrobenzene	9.028	77	452093	29.667	ng/ul	98
23) Isophorone	9.557	82	848151	27.297	ng/ul	97
25) 2-Nitrophenol	9.734	139	226849	32.604	ng/ul	97
26) 2,4-Dimethylphenol	9.799	107	371368	27.291	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.040	93	531685	27.105	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	404568	31.610	ng/ul	99
30) Naphthalene	10.669	128	1246481	29.177	ng/ul	99
32) 4-Chloroaniline	10.787	127	375579	22.692	ng/ul	100
33) Hexachlorobutadiene	10.946	225	313621	36.588	ng/ul	99
34) Caprolactam	11.575	113	119311	30.402	ng/ul	92
35) 4-Chloro-3-methylphenol	11.916	107	409590	28.567	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.275	142	858692	28.372	ng/ul	99
37) 1-Methylnaphthalene	12.498	142	849490	27.793	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.645	216	560536	34.471	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	289564	30.043	ng/ul	97
41) 2,4,6-Trichlorophenol	12.893	196	332262	31.763	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	370437	32.664	ng/ul	99
43) 1,1'-Biphenyl	13.293	154	1167561	30.121	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	941342	30.748	ng/ul	100
45) 2-Nitroaniline	13.545	65	248995	30.001	ng/ul	98
47) Dimethylphthalate	13.922	163	1213490	30.818	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	249381	33.522	ng/ul	94
50) Acenaphthylene	14.181	152	1485248	29.991	ng/ul	99
51) 3-Nitroaniline	14.375	138	217075	29.231	ng/ul	96
52) Acenaphthene	14.522	153	980044	29.930	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	132861	33.697	ng/ul	94
55) 4-Nitrophenol	14.687	109	160291	32.312	ng/ul	86
56) Dibenzofuran	14.857	168	1387762	30.494	ng/ul	100
57) 2,4-Dinitrotoluene	14.834	165	350913	33.533	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.087	232	308652	32.446	ng/ul#	90
59) Diethylphthalate	15.287	149	1187920	30.830	ng/ul	99
61) Fluorene	15.504	166	1119440	31.086	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	626302	33.162	ng/ul	95
63) 4-Nitroaniline	15.534	138	223886	31.646	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.592	198	224235	35.155	ng/ul	92
67) N-Nitrosodiphenylamine	15.722	169	960758	29.139	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	411227	32.737	ng/ul	95
69) Hexachlorobenzene	16.510	284	491237	35.027	ng/ul	94
70) Atrazine	16.675	200	208900	21.311	ng/ul	98
71) Pentachlorophenol	16.857	266	264399	31.699	ng/ul	100
72) Phenanthrene	17.251	178	1793011	29.837	ng/ul	100
74) Anthracene	17.339	178	1785074	29.635	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	560156	32.559	ng/uL	99
76) Pentachlorobenzene	14.775	250	569438	33.695	ng/uL	99
77) Carbazole	17.616	167	1529845	31.867	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1968971	30.802	ng/ul	100
80) Fluoranthene	19.222	202	2081231	27.654	ng/ul#	94
82) Pyrene	19.575	202	2103252	27.703	ng/ul#	92
83) Butylbenzylphthalate	20.451	149	814502	29.305	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.222	252	630112	31.702	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1970216	29.677	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.210	149	1200229	31.418	ng/ul	99
87) Chrysene	21.339	228	1822055	29.803	ng/ul	100
89) Di-n-octyl phthalate	22.121	149	1922983	28.849	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1963267m	29.166	ng/ul	
91) Benzo(k)fluoranthene	22.986	252	1932390	29.670	ng/ul#	98
93) Benzo(a)pyrene	23.557	252	1859208	30.228	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.115	276	2412694	32.831	ng/ul	95
95) Dibenzo(a,h)anthracene	26.133	278	2021496	33.068	ng/ul	97
96) Benzo(g,h,i)perylene	26.868	276	1942825	32.851	ng/ul#	94

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

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