Quantitation Report (Qedit)

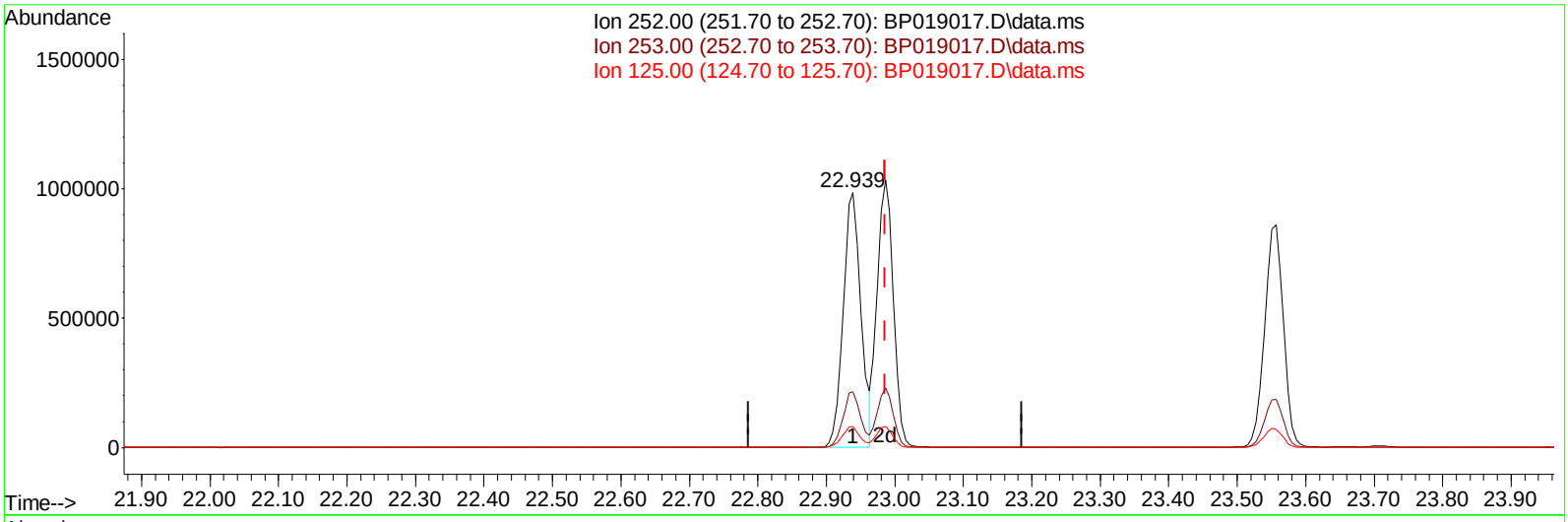
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019017.D
Acq On : 22 Dec 2023 01:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

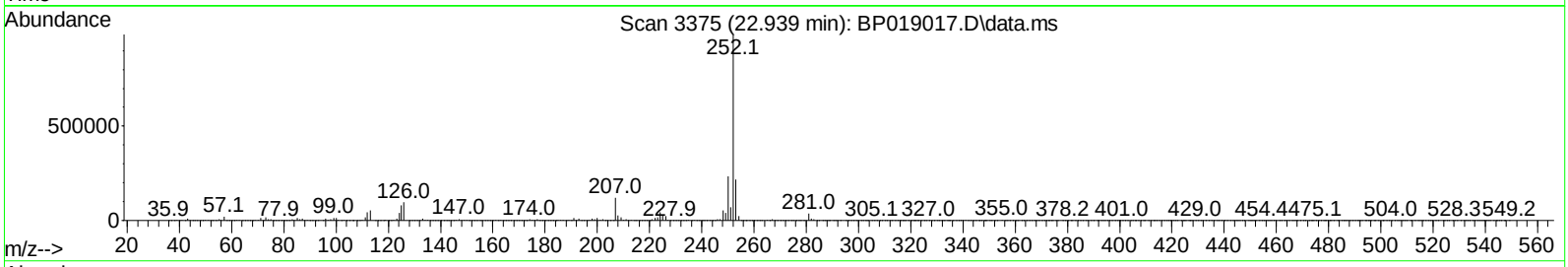
Quant Time: Dec 22 08:51:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

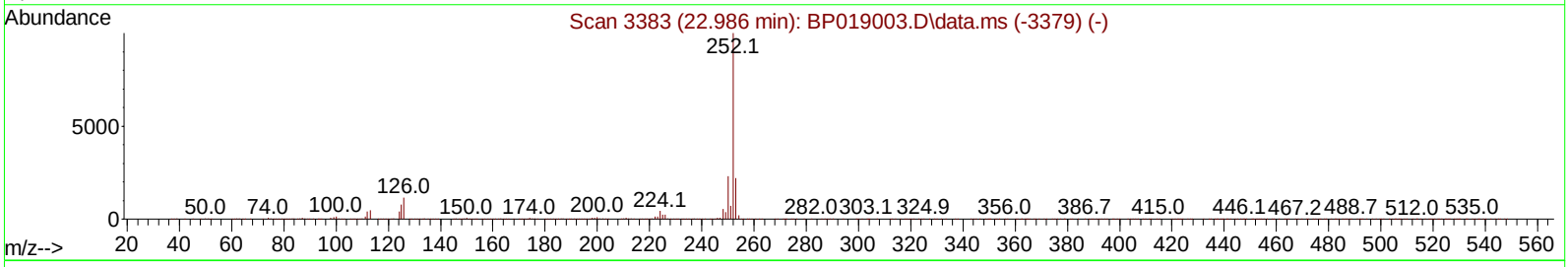
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023







TIC: BP019017.D\data.ms

(91) Benzo(k)fluoranthene

22.939min (-0.047) 20.48 ng/ul

response 1770418

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.00
125.00	10.00	8.19
0.00	0.00	0.00

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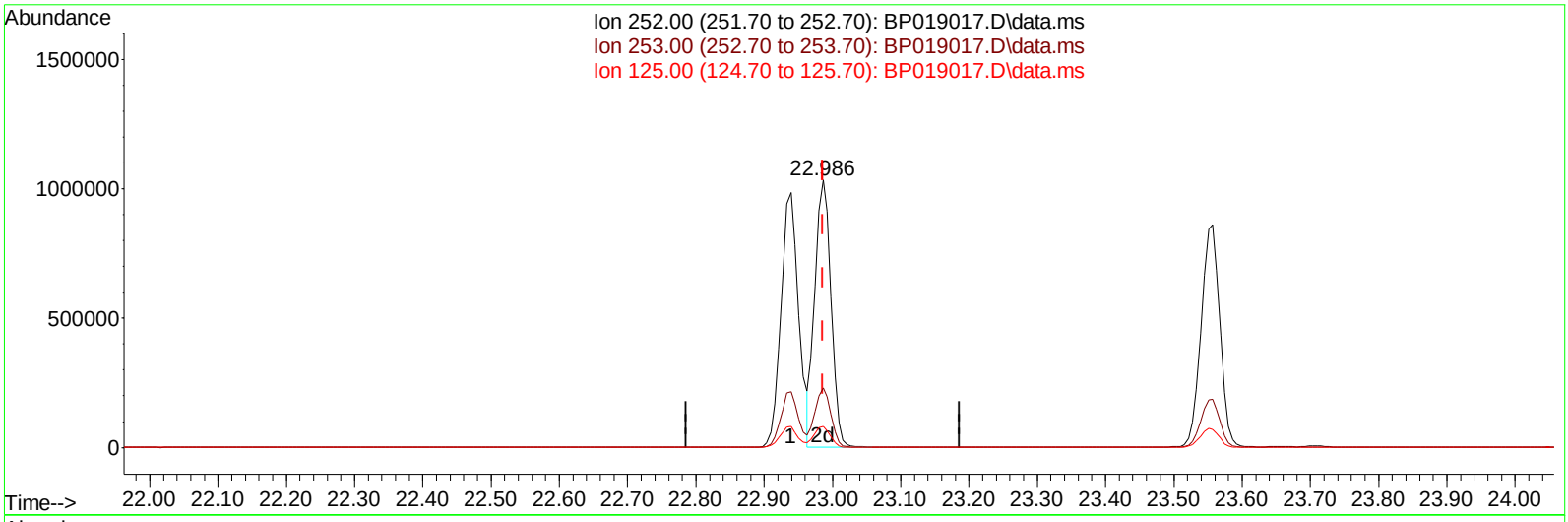

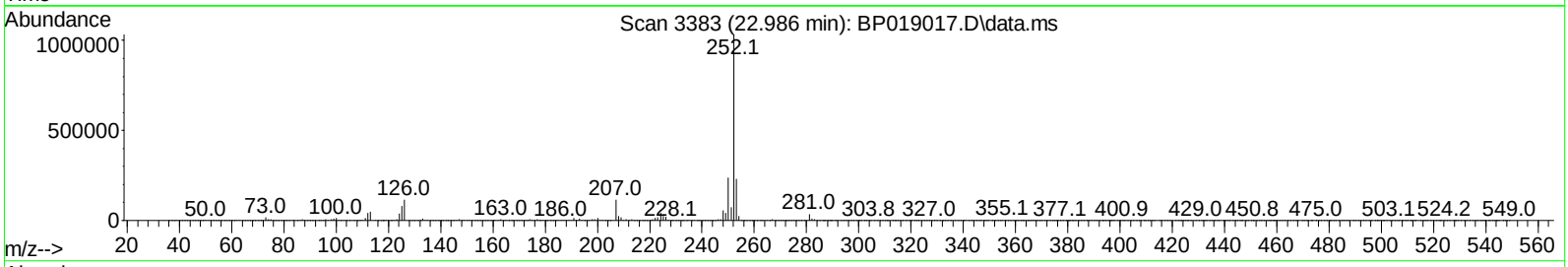

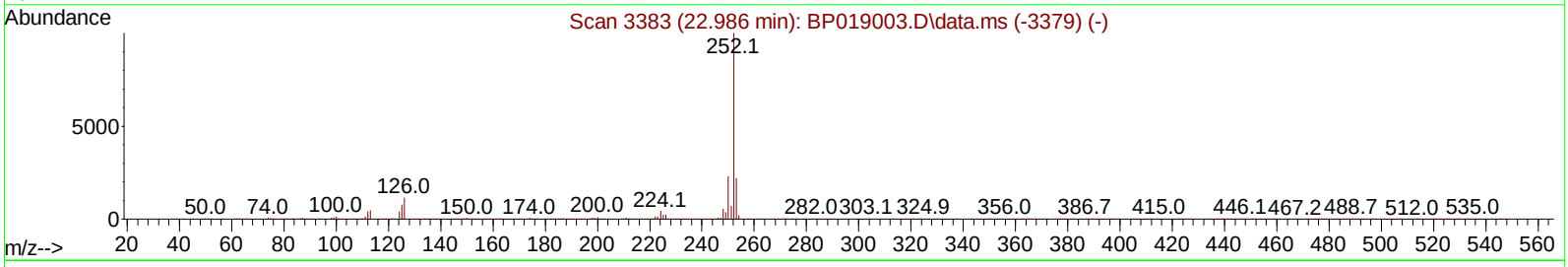

TIC: BP019017.D\data.ms

(91) Benzo(k)fluoranthene

22.986min (+ 0.000) 19.70 ng/ul m

response 1703152

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.34
125.00	10.00	7.89#
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	148541	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	575378	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	389481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	936168	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1022957	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	1211873	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	33797	7.753	ng/uL	0.00
4) Pyridine-d5	3.670	84	232161	19.884	ng/ul	0.00
7) Phenol-d5	6.993	99	291237	19.537	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	161125	18.237	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	227749	19.580	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	228352	18.929	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	108710	21.228	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	123992	23.354	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	245358	22.600	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	294290	20.742	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	734513	21.130	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	801473	20.939	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	134577	23.585	ng/ul	0.00
60) Fluorene-d10	15.445	176	632041	21.661	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	136063	24.239	ng/ul	0.00
73) Anthracene-d10	17.304	188	1038806	21.107	ng/ul	0.00
81) Pyrene-d10	19.545	212	1322355	16.606	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	1444430	20.442	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	35492	7.425	ng/uL	94
5) Pyridine	3.687	79	233833	19.832	ng/ul	97
6) Benzaldehyde	6.963	77	156328	20.312	ng/ul	98
8) Phenol	7.022	94	286941	19.629	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.252	93	224258	18.679	ng/ul	100
12) 2-Chlorophenol	7.381	128	228834	19.439	ng/ul	98
13) 2-Methylphenol	8.269	108	213394	19.067	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	259233	17.018	ng/ul	97
16) Acetophenone	8.646	105	339451	18.881	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.634	70	164404	16.622	ng/ul	99
18) 4-Methylphenol	8.599	108	230908	18.895	ng/ul	100
19) Hexachloroethane	8.893	117	95536	19.796	ng/ul	85
22) Nitrobenzene	9.022	77	255645	20.532	ng/ul	97
23) Isophorone	9.552	82	474728	18.700	ng/ul	97
25) 2-Nitrophenol	9.734	139	129221	22.731	ng/ul	97
26) 2,4-Dimethylphenol	9.799	107	222847	20.044	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.034	93	298476	18.623	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	236404	22.607	ng/ul	98
30) Naphthalene	10.663	128	714902	20.482	ng/ul	100
32) 4-Chloroaniline	10.781	127	282690	20.905	ng/ul	99
33) Hexachlorobutadiene	10.946	225	173655	24.796	ng/ul	98
34) Caprolactam	11.569	113	78128	24.366	ng/ul	90
35) 4-Chloro-3-methylphenol	11.916	107	239189	20.418	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.275	142	503055	20.344	ng/ul	99
37) 1-Methylnaphthalene	12.493	142	506176	20.270	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.646	216	329106	23.290	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	182723	21.816	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	204140	22.457	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	227601	23.095	ng/ul	99
43) 1,1'-Biphenyl	13.287	154	687220	20.402	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	556452	20.916	ng/ul	98
45) 2-Nitroaniline	13.545	65	147731	20.483	ng/ul	95
47) Dimethylphthalate	13.916	163	721427	21.083	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	145410	22.493	ng/ul	95
50) Acenaphthylene	14.175	152	895299	20.804	ng/ul	100
51) 3-Nitroaniline	14.369	138	144160	22.339	ng/ul	99
52) Acenaphthene	14.516	153	595011	20.911	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	92136	26.891	ng/ul	95
55) 4-Nitrophenol	14.681	109	107636	24.968	ng/ul	90
56) Dibenzofuran	14.857	168	852958	21.568	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	218415	24.018	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.081	232	203329	24.597	ng/ul	94
59) Diethylphthalate	15.281	149	708283	21.153	ng/ul	99
61) Fluorene	15.504	166	691583	22.100	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	380107	23.160	ng/ul	97
63) 4-Nitroaniline	15.534	138	147258	23.953	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.592	198	144638	24.101	ng/ul	91
67) N-Nitrosodiphenylamine	15.716	169	596740	19.236	ng/ul	100
68) 4-Bromophenyl-phenylether	16.398	248	250739	21.215	ng/ul	92
69) Hexachlorobenzene	16.504	284	306359	23.217	ng/ul	97
70) Atrazine	16.675	200	173803	18.845	ng/ul	96
71) Pentachlorophenol	16.857	266	189920	24.200	ng/ul	99
72) Phenanthrene	17.245	178	1175766	20.795	ng/ul	100
74) Anthracene	17.339	178	1188239	20.966	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	326269	20.156	ng/uL	97
76) Pentachlorobenzene	14.769	250	341394	21.471	ng/uL	99
77) Carbazole	17.616	167	1065845	23.597	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1274257	21.186	ng/ul	100
80) Fluoranthene	19.222	202	1507856	16.020	ng/ul#	94
82) Pyrene	19.575	202	1576269	16.600	ng/ul#	93
83) Butylbenzylphthalate	20.451	149	603419	17.359	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.222	252	577796	23.243	ng/ul	100
85) Benzo(a)anthracene	21.280	228	1691678	20.374	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	903694	18.914	ng/ul	100
87) Chrysene	21.333	228	1586751	20.752	ng/ul	100
89) Di-n-octyl phthalate	22.121	149	1571620	17.762	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1770418	19.814	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	1703152m	19.700	ng/ul	
93) Benzo(a)pyrene	23.557	252	1647915	20.184	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.109	276	2091558	21.441	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.127	278	1735716	21.390	ng/ul#	96
96) Benzo(g,h,i)perylene	26.862	276	1676696	21.358	ng/ul#	95

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

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