Quantitation Report (Qedit)

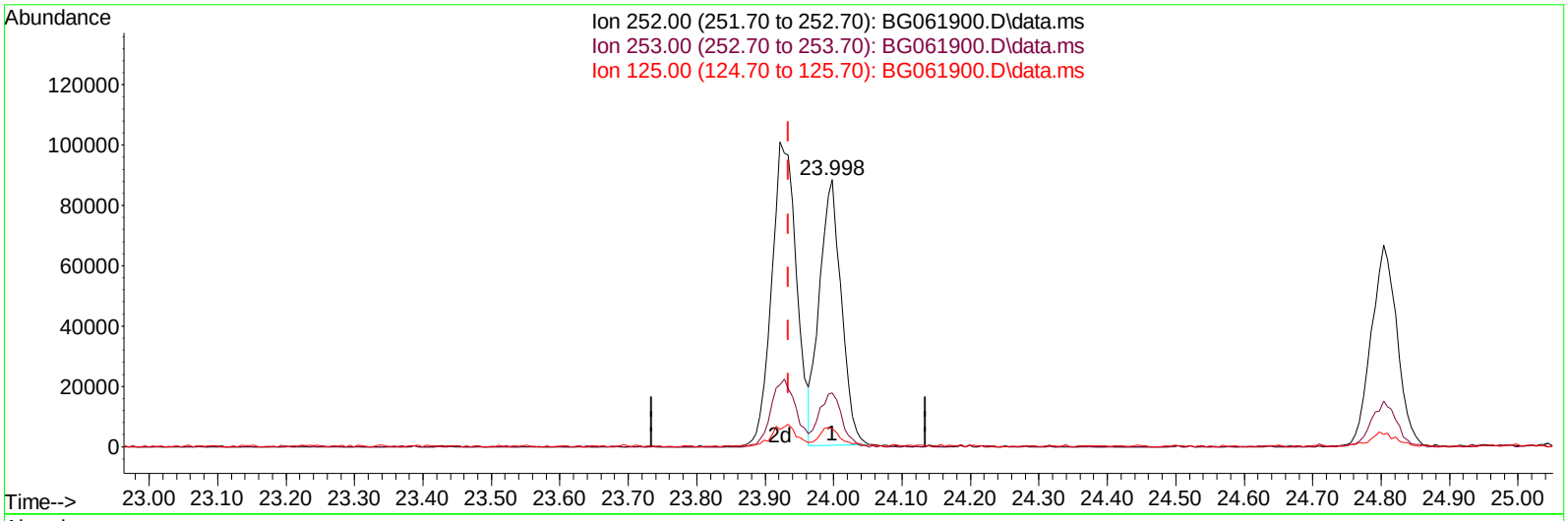
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061900.D
Acq On : 5 Jul 2024 17:43
Operator : MA/JU
Sample : P2982-15DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

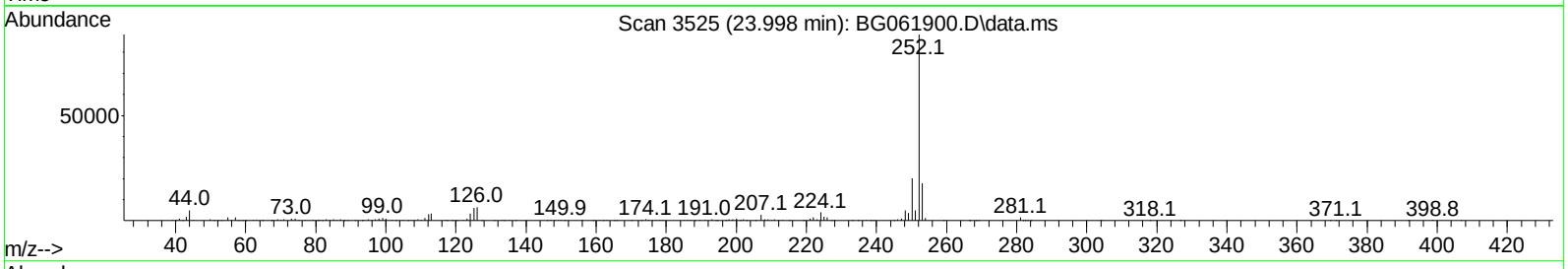
Quant Time: Jul 05 18:17:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

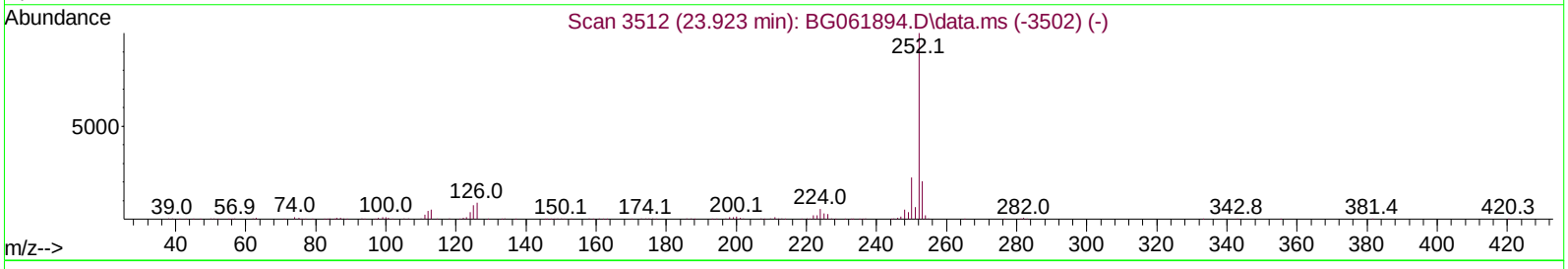
Instrument :
BNA_G
ClientSampleId :
A4DJ1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024







TIC: BG061900.D\data.ms

(90) Benzo(b)fluoranthene

23.998min (+ 0.064) 9.33 ng/ul

response 194810

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	20.22
125.00	7.60	6.78
0.00	0.00	0.00

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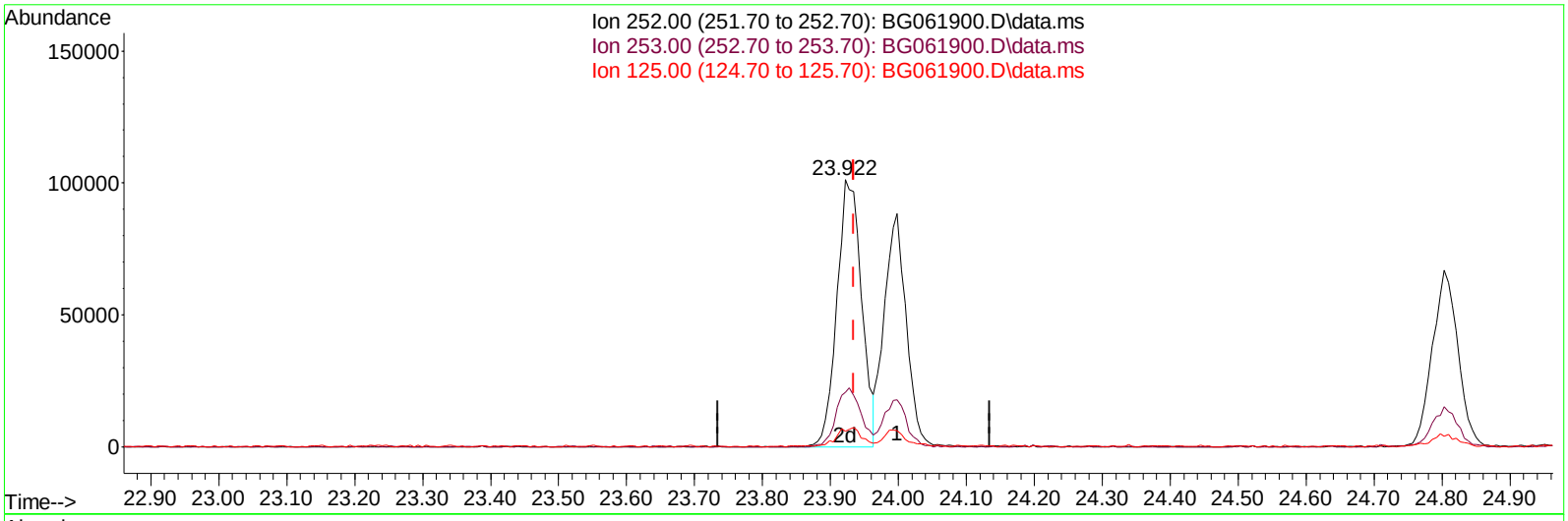

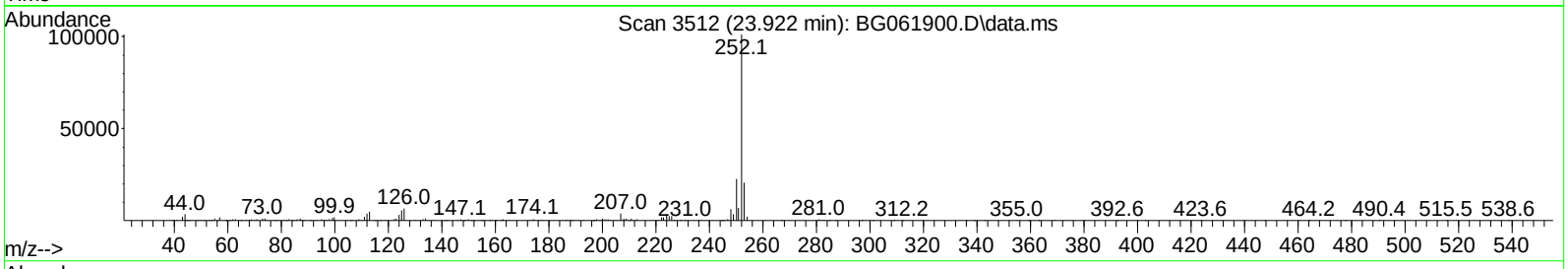

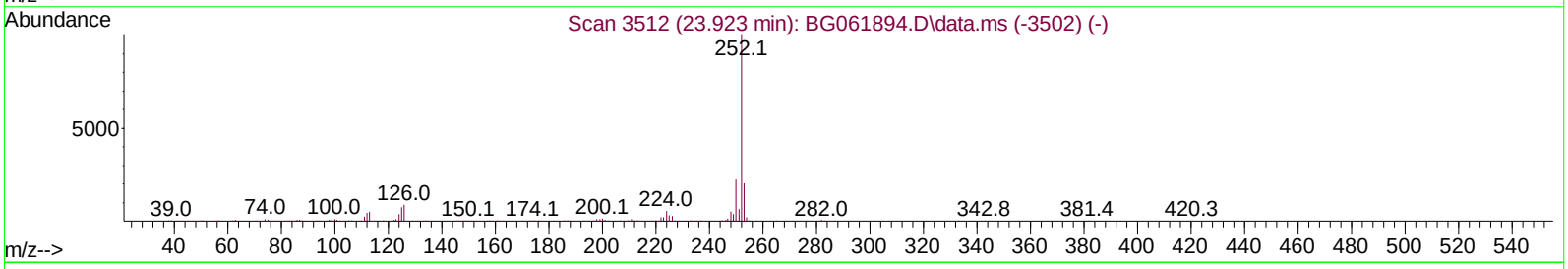

TIC: BG061900.D\data.ms

(90) Benzo(b)fluoranthene

23.922min (-0.012) 12.24 ng/ul m

response 255807

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	20.31
125.00	7.60	5.71#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	30077	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	153801	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	119613	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	310417	20.000	ng/ul	0.00
79) Chrysene-d12	21.719	240	269415	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	331584	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	699	0.873	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.241	99	19308	5.866	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.412	67	12214	5.860	ng/ul	0.00
11) 2-Chlorophenol-d4	7.623	132	12855	5.694	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	15121	5.835	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	7439	6.360	ng/ul	0.00
24) 2-Nitrophenol-d4	9.985	143	8467	6.339	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	24094	9.351	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.043	131	17181	4.593	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	71357	7.256	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	78490	7.633	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	11646	7.416	ng/ul	-0.01
60) Fluorene-d10	15.708	176	66275	8.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	10485	6.431	ng/ul	0.00
73) Anthracene-d10	17.559	188	111969	7.726	ng/ul	0.00
81) Pyrene-d10	19.833	212	130320	8.224	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	137447	8.358	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.271	94	18490	5.487	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.506	93	72420	27.974	ng/ul	97
12) 2-Chlorophenol	7.653	128	52046	22.626	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.892	70	66180	27.614	ng/ul#	88
23) Isophorone	9.821	82	216762	28.897	ng/ul	98
25) 2-Nitrophenol	10.021	139	21845	16.036	ng/ul#	87
29) 2,4-Dichlorophenol	10.543	162	108329	44.760	ng/ul	96
30) Naphthalene	10.961	128	268680	31.803	ng/ul	98
35) 4-Chloro-3-methylphenol	12.171	107	22262	6.906	ng/ul	98
36) 2-Methylnaphthalene	12.553	142	222221	36.307	ng/ul	91
41) 2,4,6-Trichlorophenol	13.152	196	19653	8.237	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.223	196	38069	14.526	ng/ul	88
48) 2,6-Dinitrotoluene	14.292	165	124520	69.395	ng/ul	95
50) Acenaphthylene	14.445	152	267436	23.697	ng/ul	97
52) Acenaphthene	14.780	153	273990	35.159	ng/ul	97
55) 4-Nitrophenol	14.921	109	24354	13.588	ng/ul#	83
56) Dibenzofuran	15.115	168	210514	19.113	ng/ul	97
57) 2,4-Dinitrotoluene	15.073	165	43086	16.373	ng/ul#	82
59) Diethylphthalate	15.526	149	409359	40.162	ng/ul	98
61) Fluorene	15.767	166	229859	24.540	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.755	204	112209	23.850	ng/ul	88
68) 4-Bromophenyl-phenylether	16.648	248	62940	17.873	ng/ul	94
71) Pentachlorophenol	17.106	266	61357	27.566	ng/ul#	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Phenanthrene	17.500	178	195811	11.963	ng/ul	98
74) Anthracene	17.594	178	462841	27.363	ng/ul	98
78) Di-n-butylphthalate	18.411	149	513568	28.100	ng/ul#	98
80) Fluoranthene	19.504	202	405556	21.625	ng/ul	98
83) Butylbenzylphthalate	20.743	149	40445	4.975	ng/ul	92
85) Benzo(a)anthracene	21.701	228	307514	15.765	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.601	149	762607	65.368	ng/ul	99
89) Di-n-octyl phthalate	22.823	149	701844	34.646	ng/ul	100
90) Benzo(b)fluoranthene	23.922	252	255807m	12.245	ng/ul	
91) Benzo(k)fluoranthene	23.998	252	194810	9.351	ng/ul	93
93) Benzo(a)pyrene	24.803	252	174261	8.809	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.716	278	145585	6.973	ng/ul	99
96) Benzo(g,h,i)perylene	29.809	276	355764	17.689	ng/ul	97

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

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