Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
Data File : BM036011.D
Acq On : 30 Jul 2022 02:24
Operator : CG/JU
Sample : PB146498BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 30 03:04:26 2022
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 00:20:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS498

Manual IntegrationsAPPROVED

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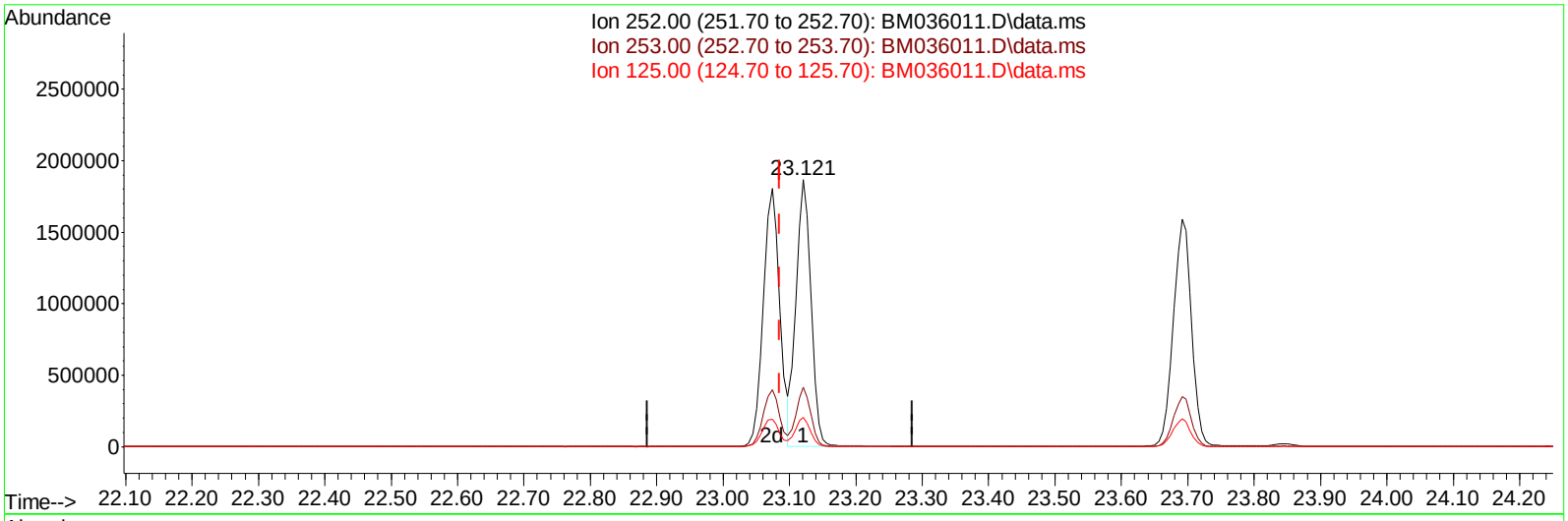
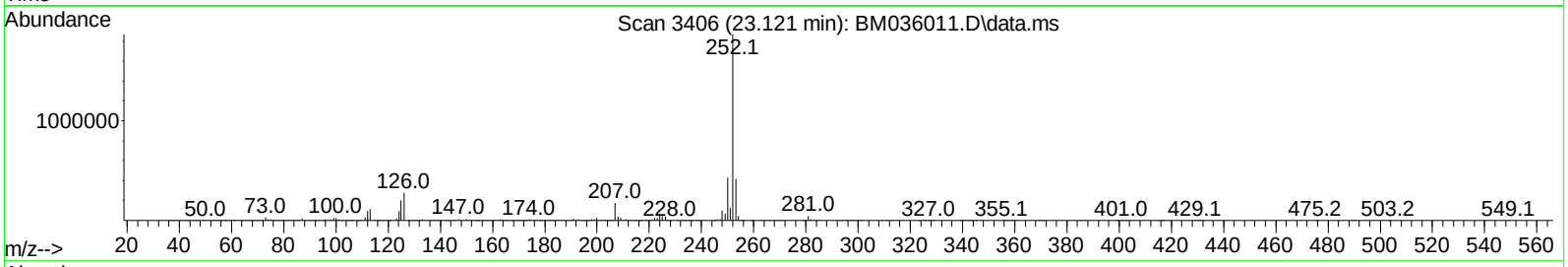
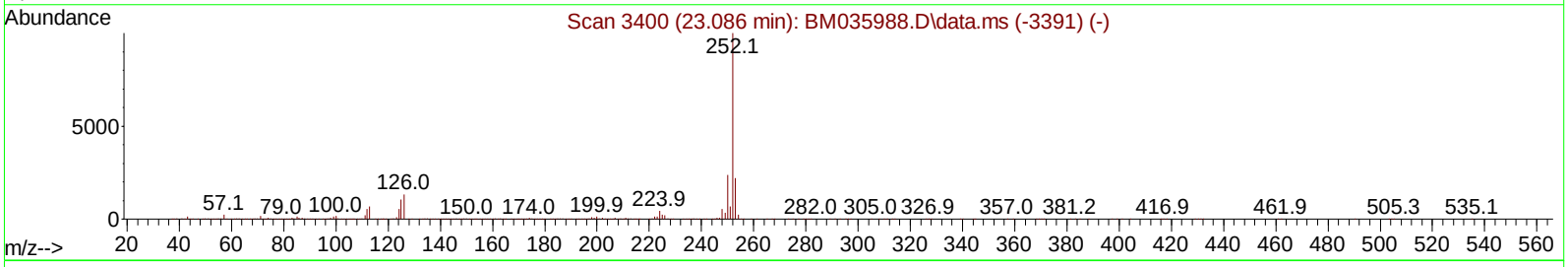
Supervised By :mohammad ahmed 08/01/2022







TIC: BM036011.D\data.ms

(90) Benzo(b)fluoranthene

23.121min (+ 0.035) 27.86 ng/ul

response 2925920

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.31
125.00	13.40	10.91
0.00	0.00	0.00

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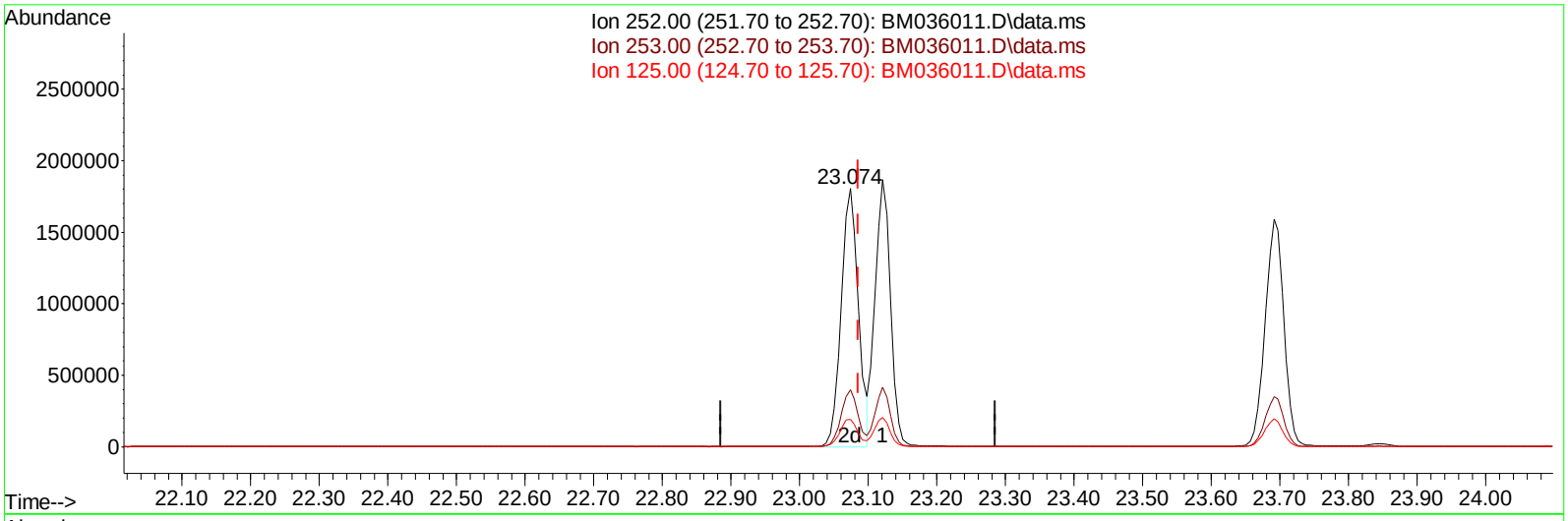

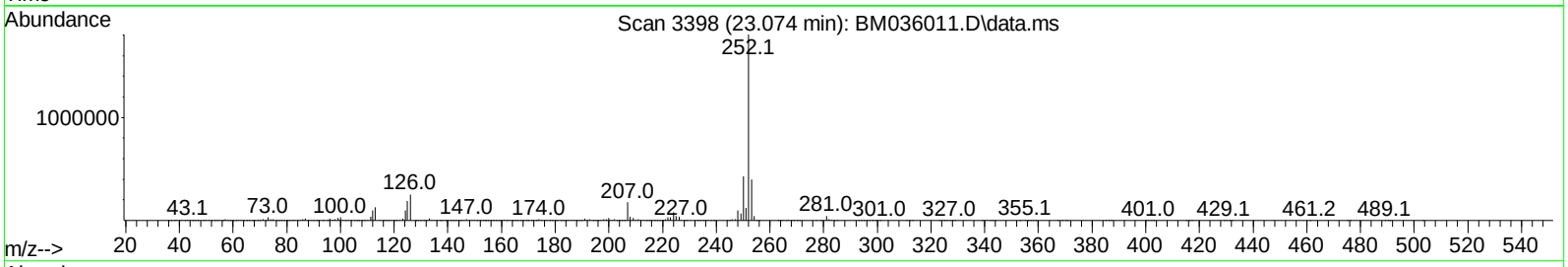

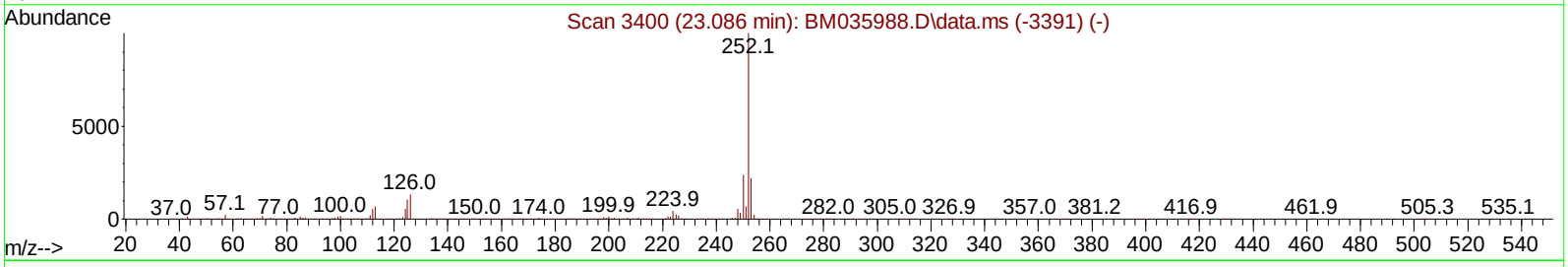

TIC: BM036011.D\data.ms

(90) Benzo(b)fluoranthene

23.074min (-0.012) 29.76 ng/ul m

response 3125432

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	21.98
125.00	13.40	10.56#
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	7.875	152	367151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1531953	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	870817	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1694935	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1585421	20.000	ng/ul	0.00
88) Perylene-d12	23.797	264	1573873	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	51463	5.274	ng/uL	0.00
4) Pyridine-d5	3.687	84	699687	26.176	ng/ul	-0.01
7) Phenol-d5	7.040	99	874113	28.390	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	554098	26.996	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	739327	28.929	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	656535	26.322	ng/ul	0.00
21) Nitrobenzene-d5	9.045	128	352217	29.014	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	360148	30.451	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	641845	30.006	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	914121	25.244	ng/ul	0.00
46) Dimethylphthalate-d6	13.927	166	1745985	29.434	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	2248427	29.708	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	330497	27.132	ng/ul	0.00
60) Fluorene-d10	15.504	176	1552298	28.959	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	249942	27.434	ng/ul	0.00
73) Anthracene-d10	17.351	188	2275327	29.693	ng/ul	0.00
81) Pyrene-d10	19.639	212	2583598	29.403	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.644	264	2459183	30.777	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	105319	10.416	ng/uL	93
5) Pyridine	3.710	79	746025	26.596	ng/ul	87
6) Benzaldehyde	7.016	77	577754	44.710	ng/ul	96
8) Phenol	7.069	94	905231	26.866	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.304	93	743095	27.432	ng/ul	96
12) 2-Chlorophenol	7.440	128	751560	28.667	ng/ul	98
13) 2-Methylphenol	8.322	108	673972	26.776	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.410	45	981263	27.444	ng/ul	97
16) Acetophenone	8.704	105	1061198	26.499	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.698	70	534831	26.781	ng/ul	94
18) 4-Methylphenol	8.657	108	715948	26.514	ng/ul	98
19) Hexachloroethane	8.957	117	320104	29.593	ng/ul	94
22) Nitrobenzene	9.087	77	795617	28.641	ng/ul	98
23) Isophorone	9.616	82	1442817	27.514	ng/ul	99
25) 2-Nitrophenol	9.798	139	393266	29.972	ng/ul	97
26) 2,4-Dimethylphenol	9.857	107	715305	26.679	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.098	93	932541	28.197	ng/ul	100
29) 2,4-Dichlorophenol	10.328	162	644704	29.038	ng/ul	99
30) Naphthalene	10.733	128	2301301	28.460	ng/ul	99
32) 4-Chloroaniline	10.845	127	916662	25.483	ng/ul	99
33) Hexachlorobutadiene	11.010	225	419327	30.594	ng/ul	99
34) Caprolactam	11.633	113	188938	25.750	ng/ul	87
35) 4-Chloro-3-methylphenol	11.969	107	650023	28.157	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.339	142	1498847	28.332	ng/ul	99
37) 1-Methylnaphthalene	12.563	142	1502038	28.168	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.704	216	731922	29.527	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	402063	24.354	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	479689	30.239	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	514768	30.412	ng/ul	98
43) 1,1'-Biphenyl	13.351	154	1948972	29.078	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	1500238	29.165	ng/ul	98
45) 2-Nitroaniline	13.598	65	413965	29.191	ng/ul	98
47) Dimethylphthalate	13.980	163	1757399	29.454	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	355351	29.998	ng/ul	95
50) Acenaphthylene	14.233	152	2412777	28.819	ng/ul	100
51) 3-Nitroaniline	14.427	138	406511	31.051	ng/ul	95
52) Acenaphthene	14.574	153	1548747	28.514	ng/ul	98
53) 2,4-Dinitrophenol	14.627	184	169412	25.188	ng/ul	98
55) 4-Nitrophenol	14.733	109	249908	26.825	ng/ul	84
56) Dibenzofuran	14.910	168	2170756	28.885	ng/ul	98
57) 2,4-Dinitrotoluene	14.880	165	502662	30.103	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.133	232	406962	30.601	ng/ul	94
59) Diethylphthalate	15.339	149	1816847	30.104	ng/ul	99
61) Fluorene	15.557	166	1758908	28.651	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	857884	29.166	ng/ul	97
63) 4-Nitroaniline	15.586	138	417427	34.634	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.639	198	249747	27.395	ng/ul#	96
67) N-Nitrosodiphenylamine	15.768	169	1463332	29.367	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	510790	30.740	ng/ul	98
69) Hexachlorobenzene	16.557	284	604133	29.840	ng/ul	99
70) Atrazine	16.721	200	508049	29.396	ng/ul	99
71) Pentachlorophenol	16.898	266	361508	29.228	ng/ul	99
72) Phenanthrene	17.298	178	2687649	29.585	ng/ul	99
74) Anthracene	17.386	178	2700442	29.624	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	735910	27.920	ng/uL	97
76) Pentachlorobenzene	14.827	250	722159	30.225	ng/uL	99
77) Carbazole	17.657	167	2473191	29.376	ng/ul	99
78) Di-n-butylphthalate	18.227	149	3148263	33.143	ng/ul	100
80) Fluoranthene	19.309	202	3087903	29.414	ng/ul	98
82) Pyrene	19.668	202	3167102	29.269	ng/ul	98
83) Butylbenzylphthalate	20.568	149	1317316	33.472	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.350	252	1034051	35.345	ng/ul#	99
85) Benzo(a)anthracene	21.415	228	3035710	30.421	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	2008226	35.315	ng/ul	99
87) Chrysene	21.462	228	2947819	30.276	ng/ul	99
89) Di-n-octyl phthalate	22.262	149	3350864	32.969	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	3125432m	29.755	ng/ul	
91) Benzo(k)fluoranthene	23.121	252	2925920	29.355	ng/ul	97
93) Benzo(a)pyrene	23.691	252	3035813	30.344	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.262	276	3479635	32.630	ng/ul	94
95) Dibenzo(a,h)anthracene	26.274	278	2994402	32.729	ng/ul	96
96) Benzo(g,h,i)perylene	27.015	276	2970844	33.618	ng/ul	96

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

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