Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
Data File : BM035993.D
Acq On : 29 Jul 2022 15:26
Operator : CG/JU
Sample : PB146474BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 30 00:23:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 00:20:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS474

Manual IntegrationsAPPROVED

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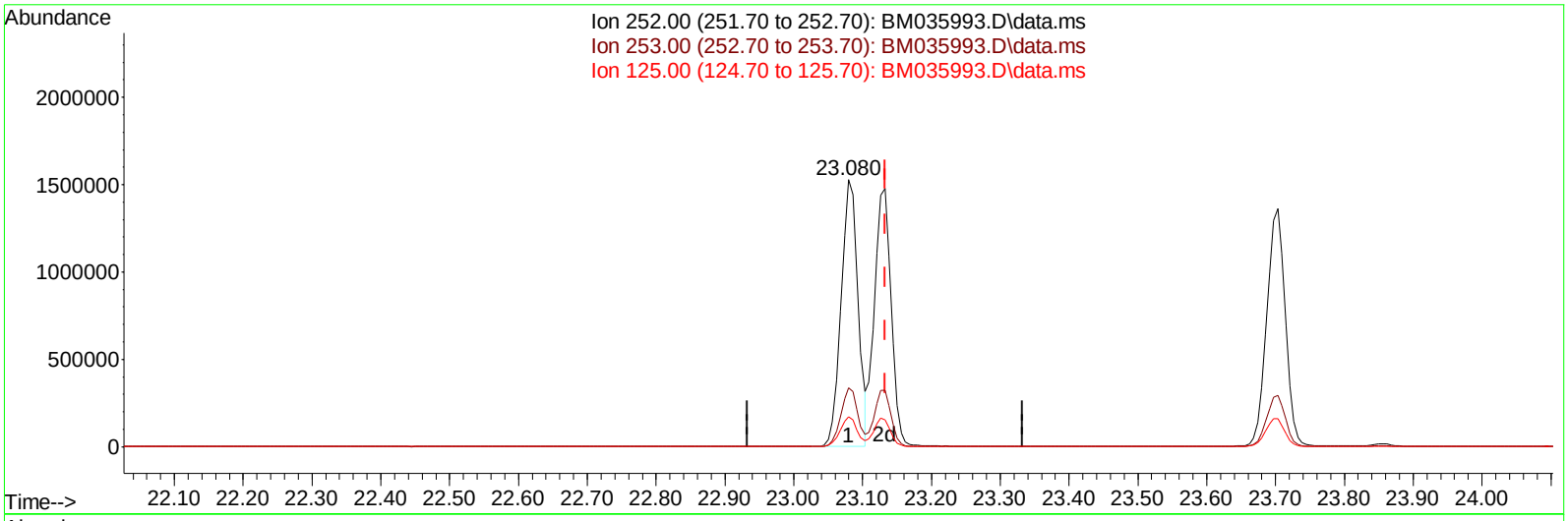
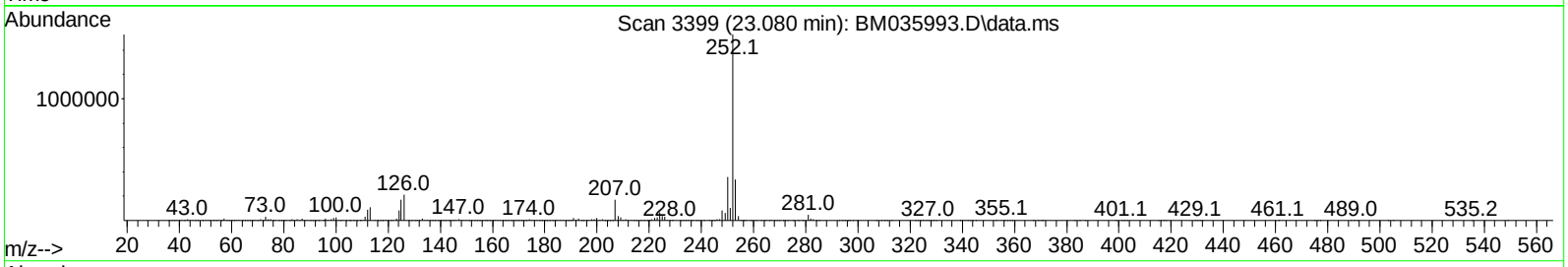
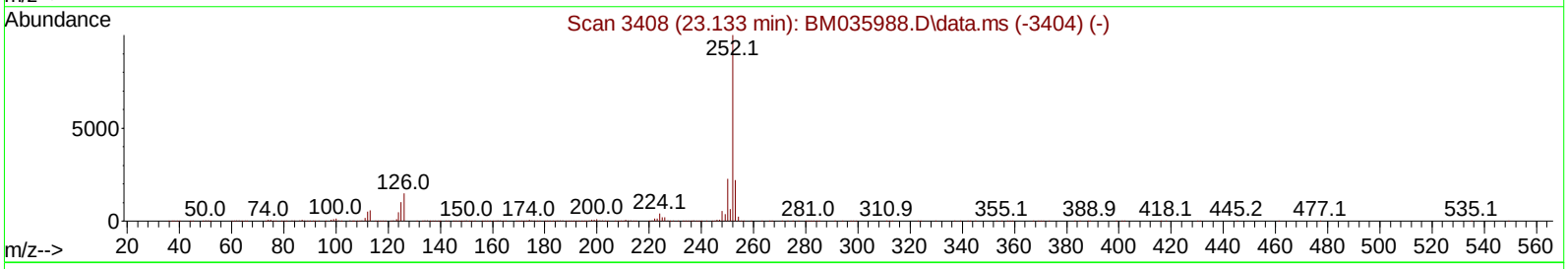
Supervised By :mohammad ahmed 08/01/2022







TIC: BM035993.D\data.ms

(91) Benzo(k)fluoranthene

23.080min (-0.053) 35.40 ng/ul

response 2602769

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.12
125.00	13.20	11.27
0.00	0.00	0.00

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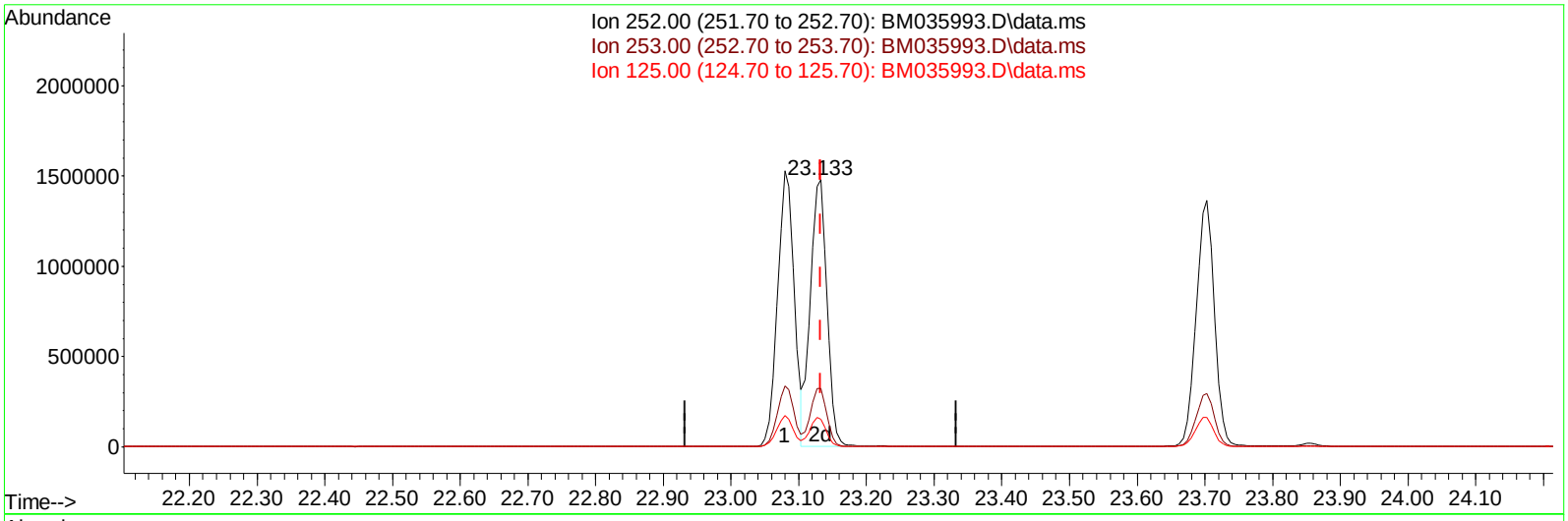

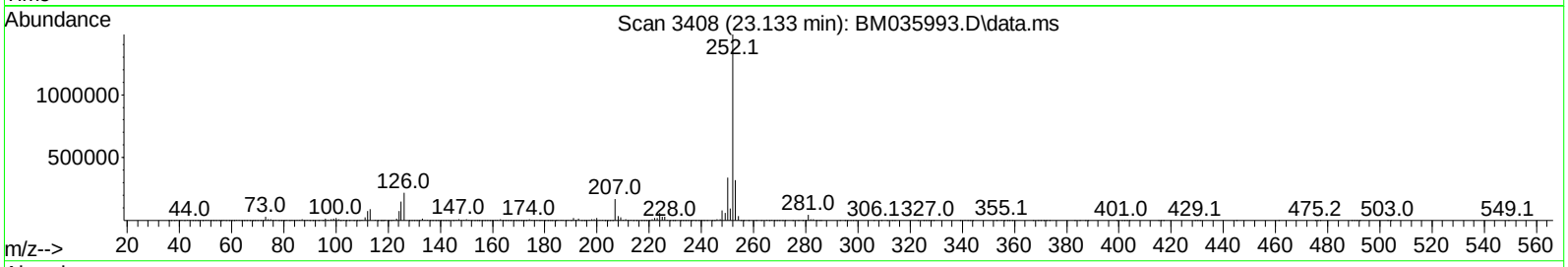

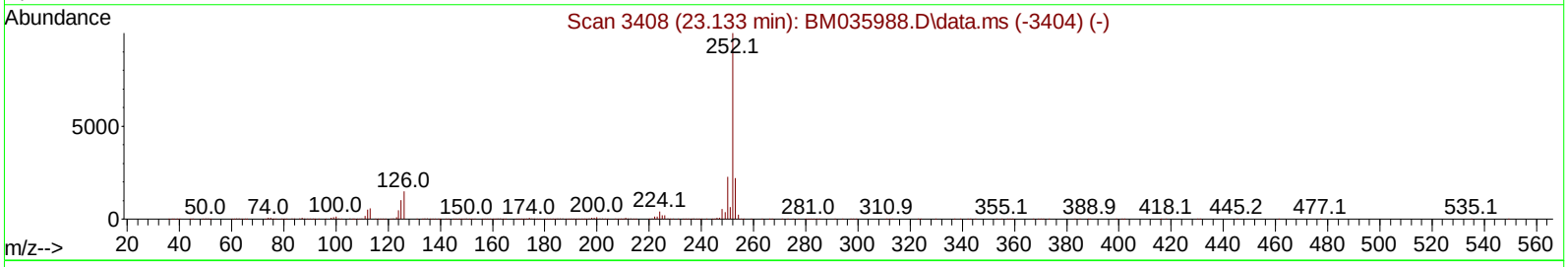

TIC: BM035993.D\data.ms

(91) Benzo(k)fluoranthene

23.133min (-0.000) 34.11 ng/ul m

response 2507783

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.84
125.00	13.20	10.31#
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	302906	20.000	ng/ul	0.00
20) Naphthalene-d8	10.686	136	1257304	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.515	164	707704	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.256	188	1324520	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1158099	20.000	ng/ul	0.00
88) Perylene-d12	23.803	264	1160922	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	51810	6.436	ng/uL	0.00
4) Pyridine-d5	3.693	84	701601	31.815	ng/ul	0.00
7) Phenol-d5	7.045	99	850685	33.490	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	542715	32.049	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	738857	35.043	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	666176	32.373	ng/ul	0.00
21) Nitrobenzene-d5	9.045	128	353455	35.477	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	366353	37.742	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	643303	36.643	ng/ul	0.00
31) 4-Chloroaniline-d4	10.827	131	902644	30.372	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	1708236	35.435	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	2225959	36.190	ng/ul	0.00
54) 4-Nitrophenol-d4	14.715	143	306049	30.916	ng/ul	0.00
60) Fluorene-d10	15.504	176	1484846	34.086	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	234110	32.882	ng/ul	0.00
73) Anthracene-d10	17.351	188	2108153	35.205	ng/ul	0.00
81) Pyrene-d10	19.645	212	2287775	35.644	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	2119849	35.967	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	105275	12.620	ng/uL	97
5) Pyridine	3.710	79	742377	32.079	ng/ul	89
6) Benzaldehyde	7.016	77	567584	53.238	ng/ul	94
8) Phenol	7.075	94	894228	32.169	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.304	93	719215	32.182	ng/ul	96
12) 2-Chlorophenol	7.439	128	733152	33.896	ng/ul	99
13) 2-Methylphenol	8.328	108	663164	31.934	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.416	45	940163	31.871	ng/ul	97
16) Acetophenone	8.710	105	1034674	31.317	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.698	70	525165	31.874	ng/ul	94
18) 4-Methylphenol	8.657	108	704102	31.605	ng/ul	99
19) Hexachloroethane	8.957	117	304554	34.127	ng/ul	93
22) Nitrobenzene	9.086	77	767107	33.647	ng/ul	99
23) Isophorone	9.616	82	1428756	33.198	ng/ul	97
25) 2-Nitrophenol	9.798	139	383405	35.603	ng/ul	97
26) 2,4-Dimethylphenol	9.863	107	705054	32.041	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.104	93	905555	33.362	ng/ul	100
29) 2,4-Dichlorophenol	10.333	162	636940	34.956	ng/ul	98
30) Naphthalene	10.733	128	2246278	33.848	ng/ul	99
32) 4-Chloroaniline	10.851	127	892193	30.220	ng/ul	98
33) Hexachlorobutadiene	11.016	225	403254	35.848	ng/ul	98
34) Caprolactam	11.633	113	181904	30.206	ng/ul	87
35) 4-Chloro-3-methylphenol	11.974	107	633929	33.458	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.345	142	1448328	33.357	ng/ul	99
37) 1-Methylnaphthalene	12.563	142	1459165	33.341	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	714834	35.484	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	378752	28.229	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	466677	36.199	ng/ul	99
42) 2,4,5-Trichlorophenol	13.021	196	492499	35.803	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1867141	34.277	ng/ul	100
44) 2-Chloronaphthalene	13.392	162	1438626	34.413	ng/ul	99
45) 2-Nitroaniline	13.604	65	387299	33.605	ng/ul	97
47) Dimethylphthalate	13.980	163	1670212	34.444	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	338348	35.145	ng/ul	95
50) Acenaphthylene	14.239	152	2314346	34.014	ng/ul	100
51) 3-Nitroaniline	14.427	138	374760	35.223	ng/ul	95
52) Acenaphthene	14.580	153	1485887	33.662	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	155931	28.527	ng/ul	96
55) 4-Nitrophenol	14.733	109	222876	29.437	ng/ul	88
56) Dibenzofuran	14.915	168	2062417	33.768	ng/ul	100
57) 2,4-Dinitrotoluene	14.880	165	462664	34.093	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.139	232	380749	35.229	ng/ul	98
59) Diethylphthalate	15.339	149	1674098	34.132	ng/ul	99
61) Fluorene	15.562	166	1654021	33.152	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	801871	33.545	ng/ul	97
63) 4-Nitroaniline	15.586	138	374981	38.283	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.639	198	227518	31.936	ng/ul	93
67) N-Nitrosodiphenylamine	15.768	169	1354981	34.797	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	470990	36.272	ng/ul	98
69) Hexachlorobenzene	16.557	284	556558	35.178	ng/ul	97
70) Atrazine	16.721	200	462361	34.234	ng/ul	99
71) Pentachlorophenol	16.904	266	322042	33.319	ng/ul	98
72) Phenanthrene	17.298	178	2429061	34.217	ng/ul	98
74) Anthracene	17.386	178	2421645	33.995	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	707052	34.327	ng/uL	98
76) Pentachlorobenzene	14.827	250	684745	36.674	ng/uL	99
77) Carbazole	17.662	167	2198986	33.423	ng/ul	99
78) Di-n-butylphthalate	18.227	149	2795397	37.658	ng/ul	100
80) Fluoranthene	19.309	202	2684224	35.003	ng/ul	99
82) Pyrene	19.674	202	2739482	34.658	ng/ul	96
83) Butylbenzylphthalate	20.574	149	1114114	38.755	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.356	252	863794	40.419	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2538365	34.823	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.350	149	1681234	40.474	ng/ul	99
87) Chrysene	21.474	228	2469368	34.720	ng/ul	100
89) Di-n-octyl phthalate	22.268	149	2712756	36.185	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	2602769	33.594	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	2507783m	34.110	ng/ul	
93) Benzo(a)pyrene	23.703	252	2560816	34.701	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.268	276	3000625	38.147	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.285	278	2564098	37.995	ng/ul	97
96) Benzo(g,h,i)perylene	27.026	276	2537552	38.929	ng/ul	96

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

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