Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072622\
Data File : BM035944.D
Acq On : 27 Jul 2022 02:46
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 27 03:29:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 27 03:28:49 2022
Response via : Initial Calibration

Instrument :
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LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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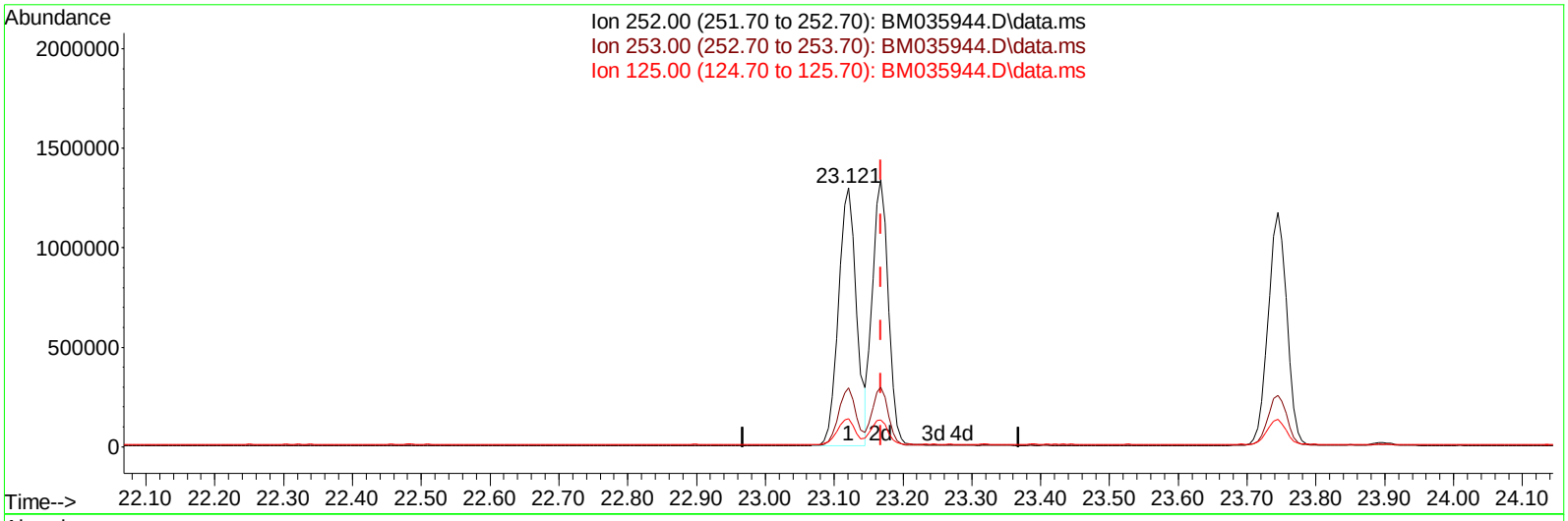
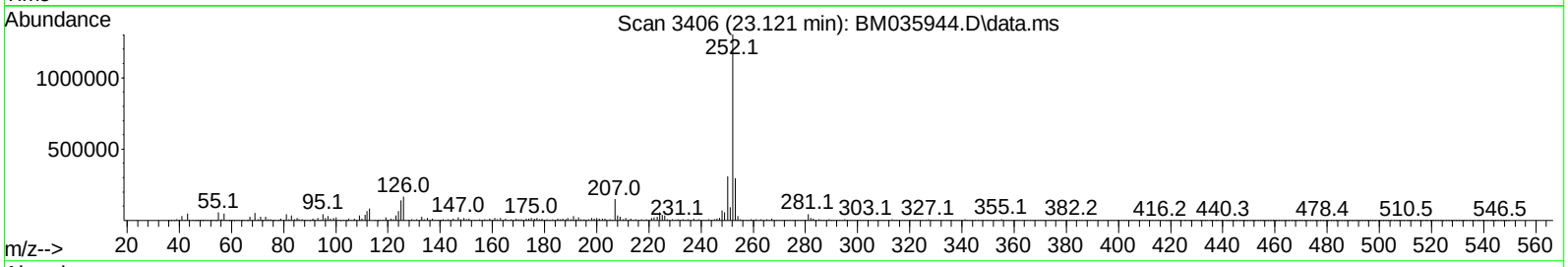
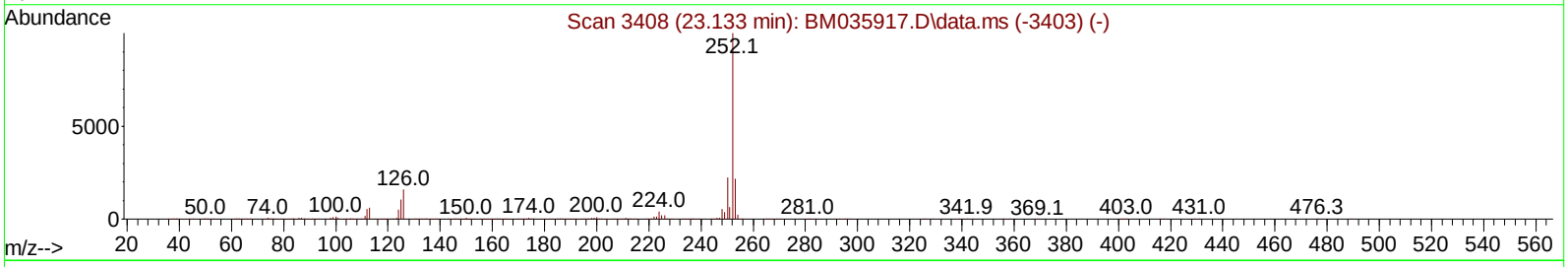
Supervised By :mohammad ahmed 07/27/2022







TIC: BM035944.D\data.ms

(91) Benzo(k)fluoranthene

23.121min (-0.047) 21.33 ng/ul

response 2356143

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.82
125.00	13.20	10.76
0.00	0.00	0.00

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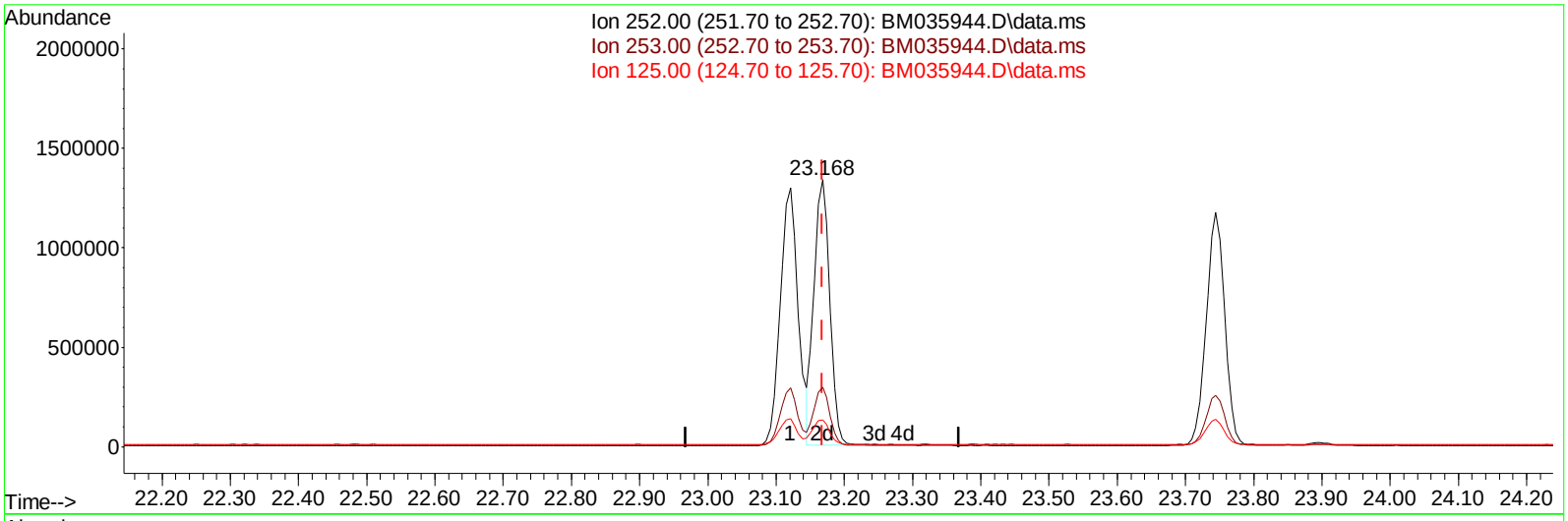

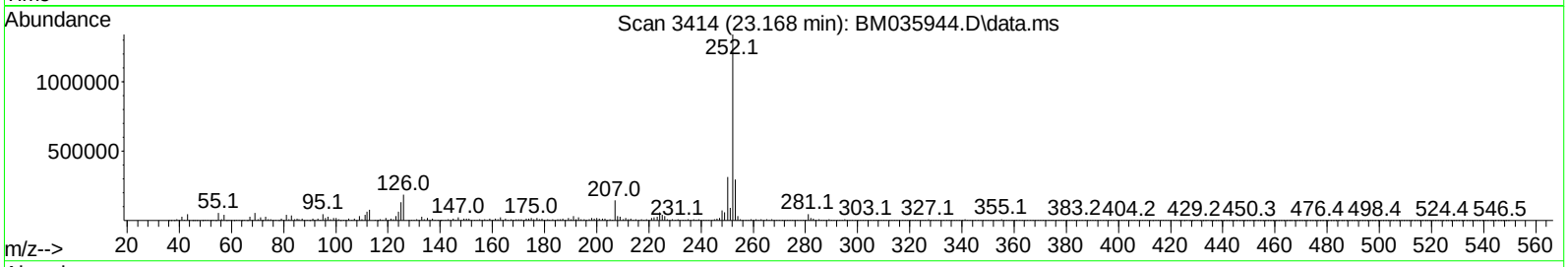

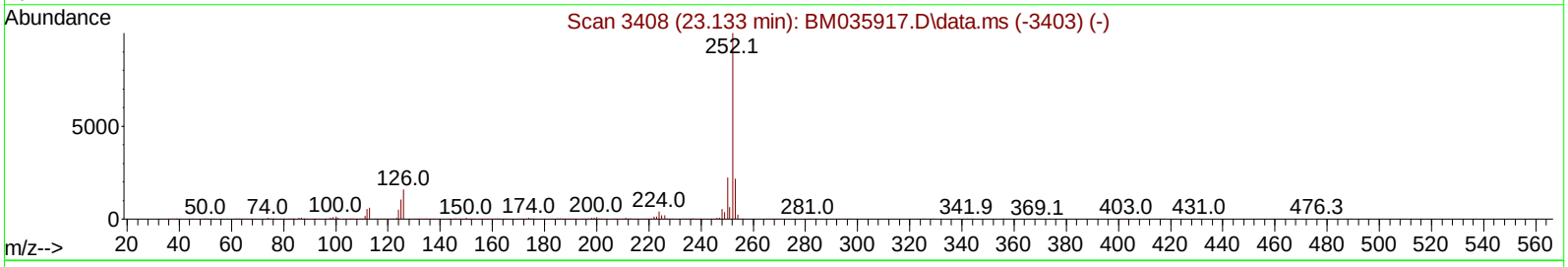

TIC: BM035944.D\data.ms

(91) Benzo(k)fluoranthene

23.168min (0.000) 19.47 ng/ul m

response 2150997

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.19
125.00	13.20	9.98#
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	7.898	152	457480	20.000	ng/ul		0.00
20) Naphthalene-d8	10.710	136	2060222	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.539	164	1266624	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.280	188	2490779	20.000	ng/ul		0.00
79) Chrysene-d12	21.462	240	1830038	20.000	ng/ul	#	0.00
88) Perylene-d12	23.850	264	1744567	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.275	96	82153	6.757	ng/uL		0.00
4) Pyridine-d5	3.705	84	578421	17.367	ng/ul		0.00
7) Phenol-d5	7.069	99	745927	19.443	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	468205	18.307	ng/ul		0.00
11) 2-Chlorophenol-d4	7.428	132	664047	20.853	ng/ul		0.00
15) 4-Methylphenol-d8	8.622	113	631868	20.331	ng/ul		0.00
21) Nitrobenzene-d5	9.069	128	341198	20.900	ng/ul		0.00
24) 2-Nitrophenol-d4	9.792	143	330227	20.762	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.334	165	625799	21.754	ng/ul		0.00
31) 4-Chloroaniline-d4	10.851	131	982062	20.166	ng/ul		0.00
46) Dimethylphthalate-d6	13.951	166	1775887	20.583	ng/ul		0.00
49) Acenaphthylene-d8	14.233	160	2332326	21.187	ng/ul		0.00
54) 4-Nitrophenol-d4	14.751	143	350116	19.761	ng/ul		0.00
60) Fluorene-d10	15.527	176	1609600	20.645	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	107520	8.031	ng/ul		0.00
73) Anthracene-d10	17.380	188	2340078	20.780	ng/ul		0.00
81) Pyrene-d10	19.668	212	2284072	22.520	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.691	264	1811486	20.453	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	84159	6.680	ng/uL		94
5) Pyridine	3.722	79	592048	16.939	ng/ul		89
6) Benzaldehyde	7.040	77	233252	14.486	ng/ul		99
8) Phenol	7.098	94	801306	19.086	ng/ul		99
10) Bis(2-Chloroethyl)ether	7.322	93	642966	19.049	ng/ul		94
12) 2-Chlorophenol	7.463	128	675116	20.667	ng/ul		98
13) 2-Methylphenol	8.351	108	621012	19.800	ng/ul		94
14) 2,2'-oxybis(1-Chloropr...	8.434	45	832969	18.697	ng/ul		96
16) Acetophenone	8.728	105	995994	19.960	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.716	70	492847	19.806	ng/ul		94
18) 4-Methylphenol	8.687	108	664928	19.762	ng/ul		96
19) Hexachloroethane	8.975	117	233499	17.324	ng/ul		92
22) Nitrobenzene	9.110	77	726675	19.451	ng/ul		98
23) Isophorone	9.639	82	1399974	19.852	ng/ul		99
25) 2-Nitrophenol	9.822	139	355956	20.172	ng/ul		95
26) 2,4-Dimethylphenol	9.886	107	729955	20.245	ng/ul		97
27) Bis(2-Chloroethoxy)met...	10.122	93	852210	19.161	ng/ul		99
29) 2,4-Dichlorophenol	10.363	162	632777	21.193	ng/ul		98
30) Naphthalene	10.757	128	2199283	20.224	ng/ul		99
32) 4-Chloroaniline	10.875	127	974645	20.147	ng/ul		99
33) Hexachlorobutadiene	11.033	225	400587	21.733	ng/ul		98
34) Caprolactam	11.669	113	212426	21.527	ng/ul		81
35) 4-Chloro-3-methylphenol	12.004	107	661648	21.311	ng/ul		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	1479089	20.789	ng/ul	100
37) 1-Methylnaphthalene	12.586	142	1493736	20.829	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.739	216	753610	20.902	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	160459	6.682	ng/ul	98
41) 2,4,6-Trichlorophenol	12.980	196	505937	21.927	ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	534209	21.698	ng/ul	99
43) 1,1'-Biphenyl	13.374	154	1944118	19.941	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1522366	20.347	ng/ul	98
45) 2-Nitroaniline	13.627	65	424688	20.589	ng/ul	96
47) Dimethylphthalate	13.998	163	1758305	20.260	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	373001	21.648	ng/ul	99
50) Acenaphthylene	14.263	152	2477341	20.343	ng/ul	100
51) 3-Nitroaniline	14.451	138	445381	23.389	ng/ul	95
52) Acenaphthene	14.604	153	1576505	19.955	ng/ul	100
53) 2,4-Dinitrophenol	14.674	184	69149	7.068	ng/ul	92
55) 4-Nitrophenol	14.769	109	263831	19.470	ng/ul	84
56) Dibenzofuran	14.939	168	2214446	20.258	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	516846	21.280	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.168	232	431077	22.285	ng/ul	99
59) Diethylphthalate	15.357	149	1835789	20.913	ng/ul	100
61) Fluorene	15.586	166	1795731	20.110	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.580	204	873192	20.409	ng/ul	95
63) 4-Nitroaniline	15.610	138	462947	26.408	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.680	198	108234	8.079	ng/ul	96
67) N-Nitrosodiphenylamine	15.792	169	1528863	20.879	ng/ul	100
68) 4-Bromophenyl-phenylether	16.468	248	538938	22.071	ng/ul	99
69) Hexachlorobenzene	16.586	284	635376	21.355	ng/ul	99
70) Atrazine	16.745	200	531177	20.914	ng/ul	100
71) Pentachlorophenol	16.933	266	357007	19.642	ng/ul	99
72) Phenanthrene	17.321	178	2693924	20.179	ng/ul	99
74) Anthracene	17.415	178	2735605	20.421	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.345	216	788174	20.348	ng/uL	97
76) Pentachlorobenzene	14.857	250	753985	21.474	ng/uL	99
77) Carbazole	17.686	167	2461138	19.892	ng/ul	100
78) Di-n-butylphthalate	18.245	149	3122622	22.370	ng/ul	100
80) Fluoranthene	19.339	202	2800254	23.108	ng/ul	96
82) Pyrene	19.698	202	2765064	22.138	ng/ul	96
83) Butylbenzylphthalate	20.592	149	1181801	26.015	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.374	252	397345	11.766	ng/ul	99
85) Benzo(a)anthracene	21.445	228	2389904	20.748	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	1677047	25.549	ng/ul	99
87) Chrysene	21.497	228	2298898	20.455	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2642571	23.456	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2356143	20.237	ng/ul	96
91) Benzo(k)fluoranthene	23.168	252	2150997m	19.469	ng/ul	
93) Benzo(a)pyrene	23.744	252	2230521	20.113	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.344	276	2537375	21.466	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.356	278	2173104	21.428	ng/ul	95
96) Benzo(g,h,i)perylene	27.109	276	2130911	21.754	ng/ul	94

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

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