Quantitation Report (Qedit)

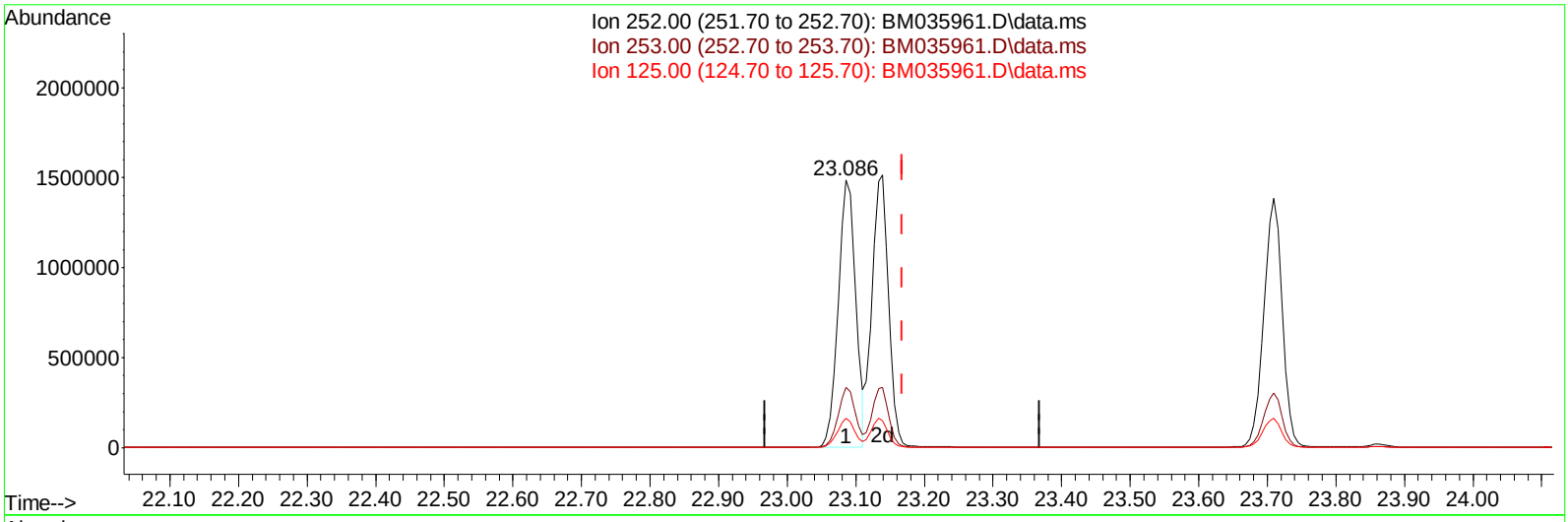
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
Data File : BM035961.D
Acq On : 27 Jul 2022 21:29
Operator : CG/JU
Sample : PB146484BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

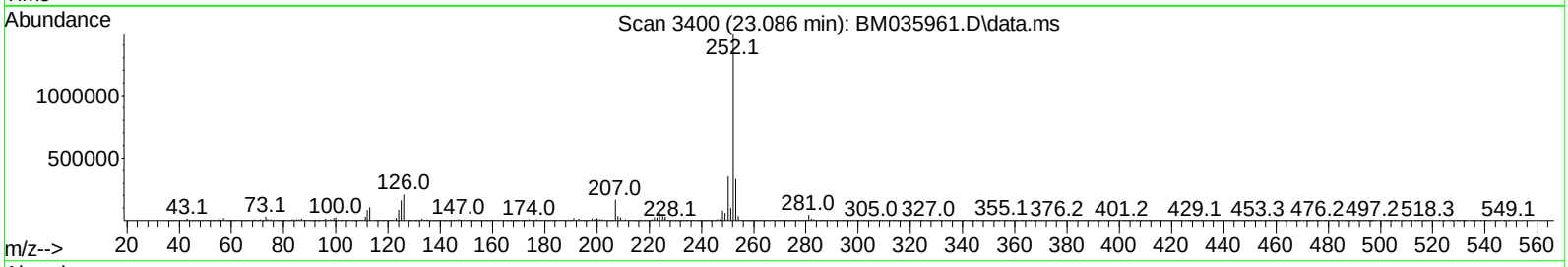
Quant Time: Jul 27 23:15:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 27 03:28:49 2022
Response via : Initial Calibration

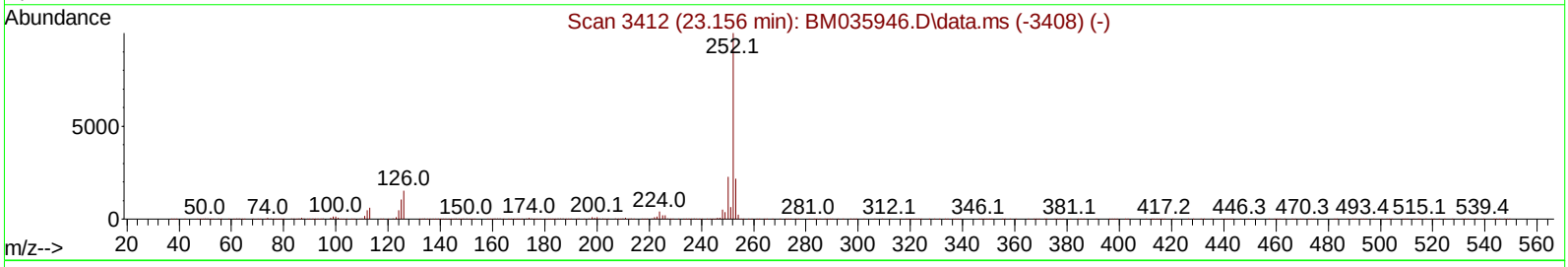
Instrument :
BNA_M
ClientSampleId :
SLCS484

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022







TIC: BM035961.D\data.ms

(91) Benzo(k)fluoranthene

23.086min (-0.082) 34.66 ng/ul

response 2627643

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.52
125.00	13.20	11.03
0.00	0.00	0.00

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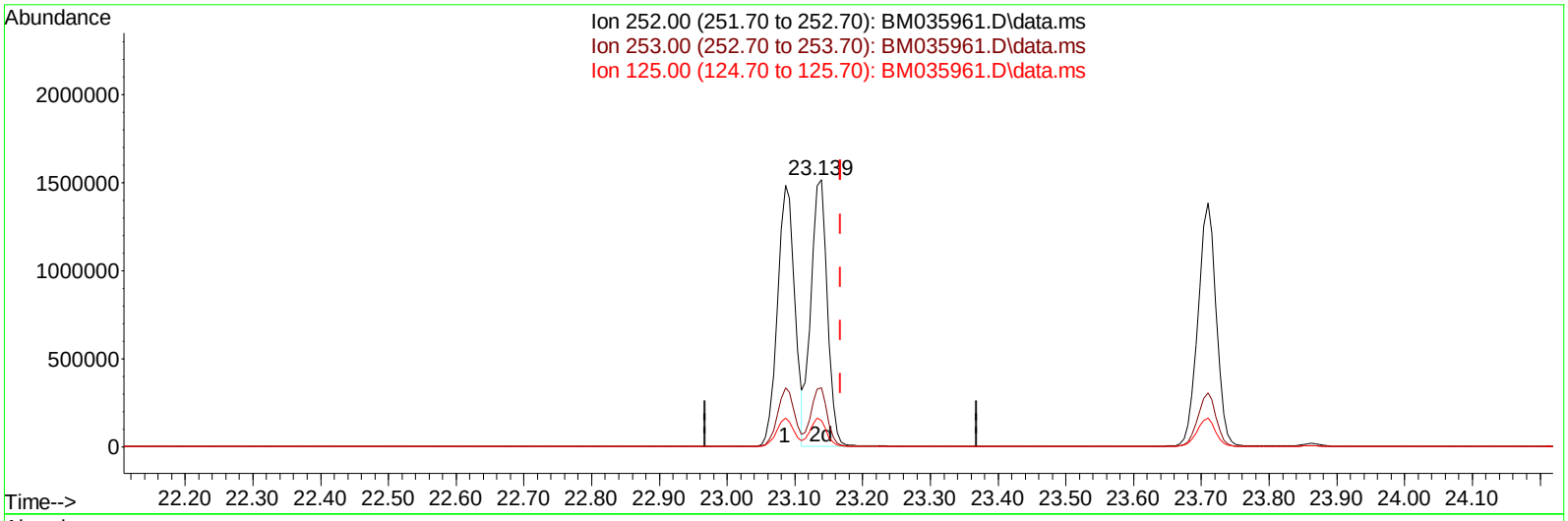

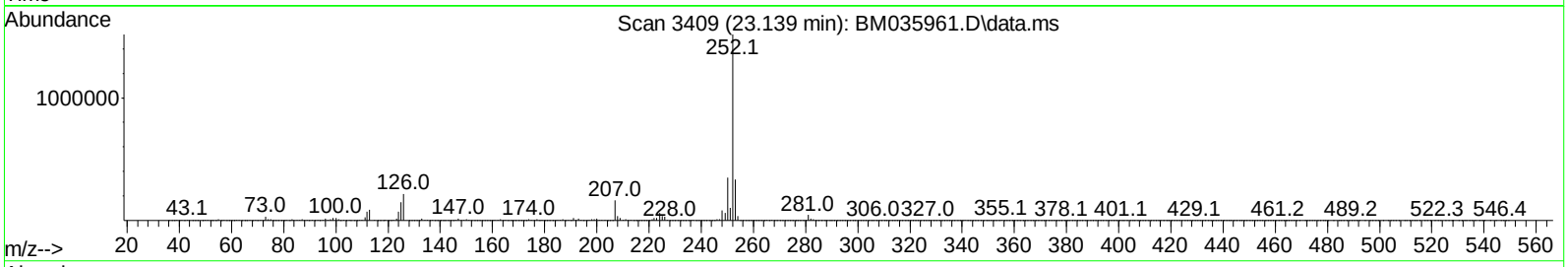

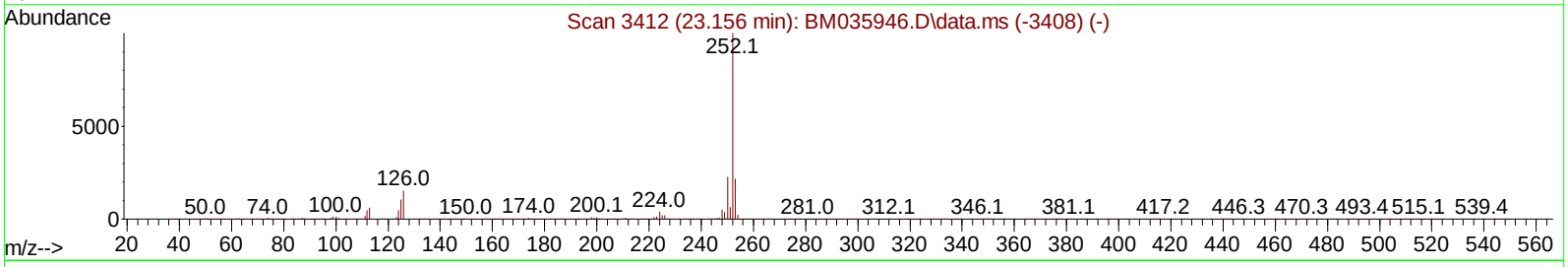

TIC: BM035961.D\data.ms

(91) Benzo(k)fluoranthene

23.139min (-0.029) 33.68 ng/ul m

response 2553727

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.07
125.00	13.20	9.88#
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	7.887	152	269243	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.693	136	1100256	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.522	164	622617	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.263	188	1243628	20.000	ng/ul	-0.02
79) Chrysene-d12	21.439	240	1147417	20.000	ng/ul	-0.02
88) Perylene-d12	23.809	264	1197152	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	42587	5.952	ng/uL	0.00
4) Pyridine-d5	3.699	84	564370	28.792	ng/ul	0.00
7) Phenol-d5	7.052	99	695473	30.802	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.216	67	426607	28.343	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.416	132	607317	32.405	ng/ul	-0.01
15) 4-Methylphenol-d8	8.605	113	545186	29.806	ng/ul	-0.02
21) Nitrobenzene-d5	9.052	128	290556	33.326	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.775	143	307664	36.220	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.316	165	522084	33.983	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.834	131	724795	27.869	ng/ul	-0.02
46) Dimethylphthalate-d6	13.940	166	1441716	33.994	ng/ul	-0.01
49) Acenaphthylene-d8	14.216	160	1868950	34.538	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.728	143	287863	33.053	ng/ul	-0.02
60) Fluorene-d10	15.510	176	1266611	33.050	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.639	200	226316	33.855	ng/ul	-0.03
73) Anthracene-d10	17.363	188	1894783	33.700	ng/ul	-0.02
81) Pyrene-d10	19.651	212	2158418	33.942	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.657	264	2090714	34.399	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	89068	12.012	ng/uL	94
5) Pyridine	3.717	79	611993	29.752	ng/ul	88
6) Benzaldehyde	7.022	77	477807	50.421	ng/ul	95
8) Phenol	7.081	94	746648	30.218	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.311	93	592677	29.836	ng/ul	96
12) 2-Chlorophenol	7.446	128	624167	32.466	ng/ul	97
13) 2-Methylphenol	8.334	108	561736	30.432	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.416	45	780002	29.748	ng/ul	98
16) Acetophenone	8.716	105	871226	29.666	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.705	70	442158	30.192	ng/ul	92
18) 4-Methylphenol	8.663	108	598719	30.235	ng/ul	99
19) Hexachloroethane	8.963	117	265901	33.521	ng/ul	91
22) Nitrobenzene	9.099	77	637886	31.972	ng/ul	96
23) Isophorone	9.622	82	1205845	32.018	ng/ul	98
25) 2-Nitrophenol	9.804	139	332023	35.233	ng/ul	98
26) 2,4-Dimethylphenol	9.869	107	620753	32.237	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.110	93	750507	31.597	ng/ul	99
29) 2,4-Dichlorophenol	10.340	162	539149	33.812	ng/ul	98
30) Naphthalene	10.740	128	1897871	32.680	ng/ul	100
32) 4-Chloroaniline	10.857	127	735380	28.464	ng/ul	98
33) Hexachlorobutadiene	11.022	225	346720	35.222	ng/ul	99
34) Caprolactam	11.640	113	178945	33.956	ng/ul	83
35) 4-Chloro-3-methylphenol	11.981	107	551045	33.235	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.351	142	1228246	32.326	ng/ul	99
37) 1-Methylnaphthalene	12.569	142	1227672	32.056	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	606049	34.195	ng/ul	98
40) Hexachlorocyclopentadiene	12.693	237	372846	31.587	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	401486	35.399	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	429684	35.505	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	1592030	33.221	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	1226636	33.352	ng/ul	98
45) 2-Nitroaniline	13.610	65	350883	34.606	ng/ul	97
47) Dimethylphthalate	13.987	163	1472948	34.528	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	309913	36.591	ng/ul	98
50) Acenaphthylene	14.245	152	2002545	33.454	ng/ul	99
51) 3-Nitroaniline	14.434	138	336962	35.999	ng/ul	98
52) Acenaphthene	14.587	153	1276236	32.864	ng/ul	99
53) 2,4-Dinitrophenol	14.639	184	160236	33.321	ng/ul	99
55) 4-Nitrophenol	14.739	109	215523	32.356	ng/ul	86
56) Dibenzofuran	14.922	168	1799990	33.499	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	439303	36.796	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.145	232	346691	36.461	ng/ul#	95
59) Diethylphthalate	15.345	149	1537025	35.620	ng/ul	100
61) Fluorene	15.569	166	1454631	33.140	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	700589	33.313	ng/ul	97
63) 4-Nitroaniline	15.592	138	377065	43.757	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	230008	34.385	ng/ul#	97
67) N-Nitrosodiphenylamine	15.781	169	1230066	33.644	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	428532	35.149	ng/ul	98
69) Hexachlorobenzene	16.569	284	518423	34.899	ng/ul	97
70) Atrazine	16.733	200	451740	35.623	ng/ul	100
71) Pentachlorophenol	16.910	266	306474	33.771	ng/ul	99
72) Phenanthrene	17.304	178	2243542	33.659	ng/ul	98
74) Anthracene	17.398	178	2281198	34.107	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	608927	31.486	ng/uL	98
76) Pentachlorobenzene	14.839	250	591271	33.728	ng/uL	99
77) Carbazole	17.669	167	2139154	34.629	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2741666	39.337	ng/ul	100
80) Fluoranthene	19.316	202	2628967	34.601	ng/ul	99
82) Pyrene	19.680	202	2692166	34.377	ng/ul	96
83) Butylbenzylphthalate	20.580	149	1175594	41.274	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.357	252	921653	43.528	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2555763	35.388	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	1730727	42.053	ng/ul	100
87) Chrysene	21.474	228	2454216	34.828	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2870972	37.136	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	2627643	32.888	ng/ul	97
91) Benzo(k)fluoranthene	23.139	252	2553727m	33.683	ng/ul	
93) Benzo(a)pyrene	23.709	252	2599693	34.162	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.286	276	3099591	38.212	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.303	278	2674063	38.425	ng/ul	96
96) Benzo(g,h,i)perylene	27.050	276	2627418	39.088	ng/ul	95

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

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