Quantitation Report (Qedit)

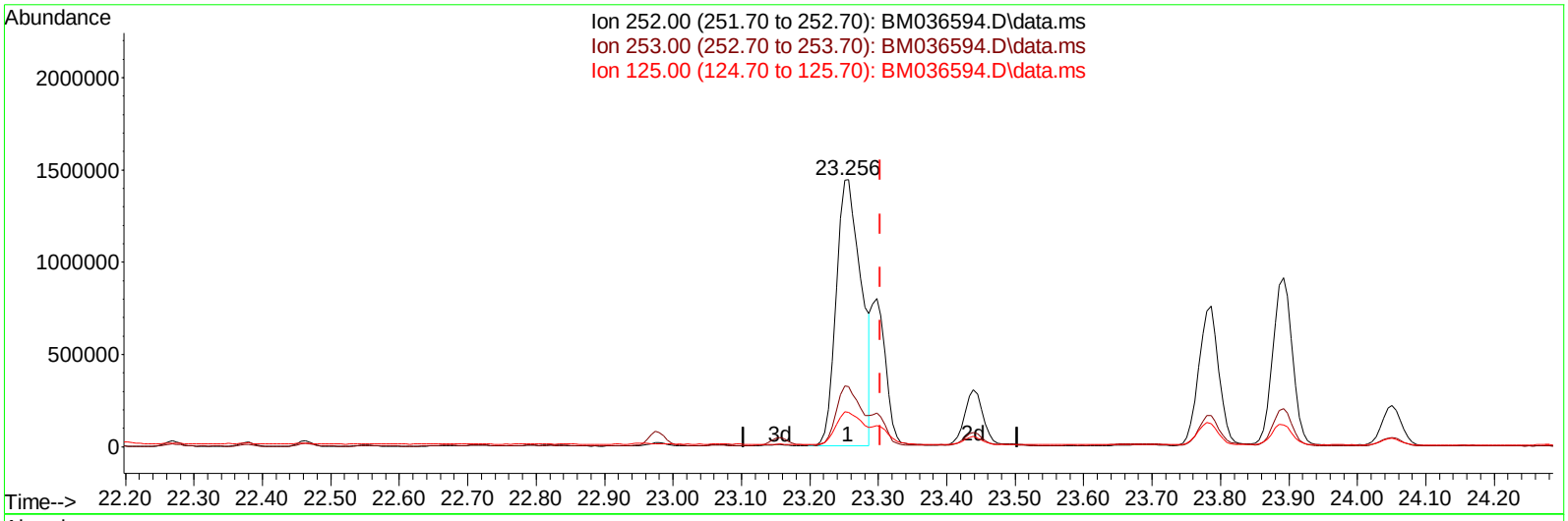
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036594.D
Acq On : 19 Sep 2022 23:36
Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

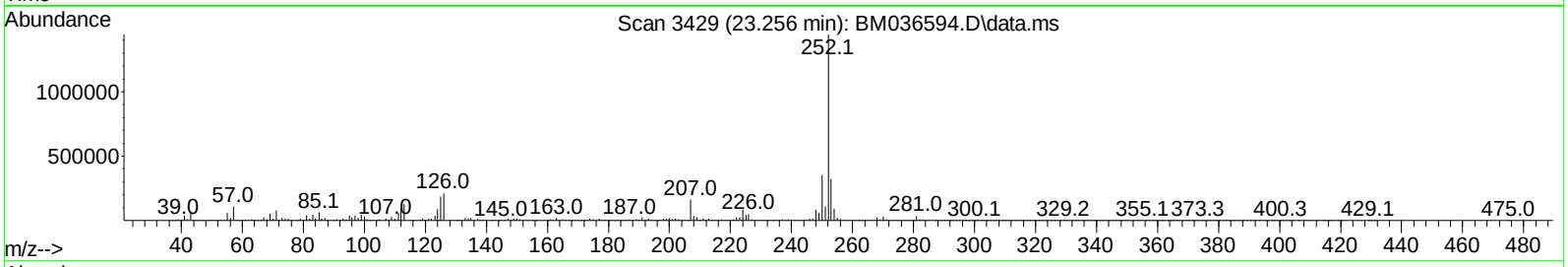
Quant Time: Sep 20 00:10:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

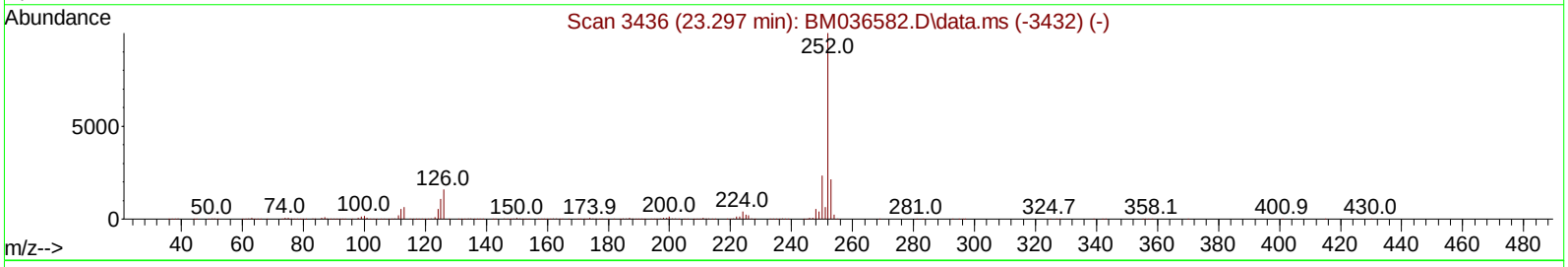
Instrument :
BNA_M
ClientSampleId :
A5780

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036594.D\data.ms

(91) Benzo(k)fluoranthene

23.256min (-0.047) 25.42 ng/ul

response 3683607

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.48
125.00	10.30	12.90#
0.00	0.00	0.00

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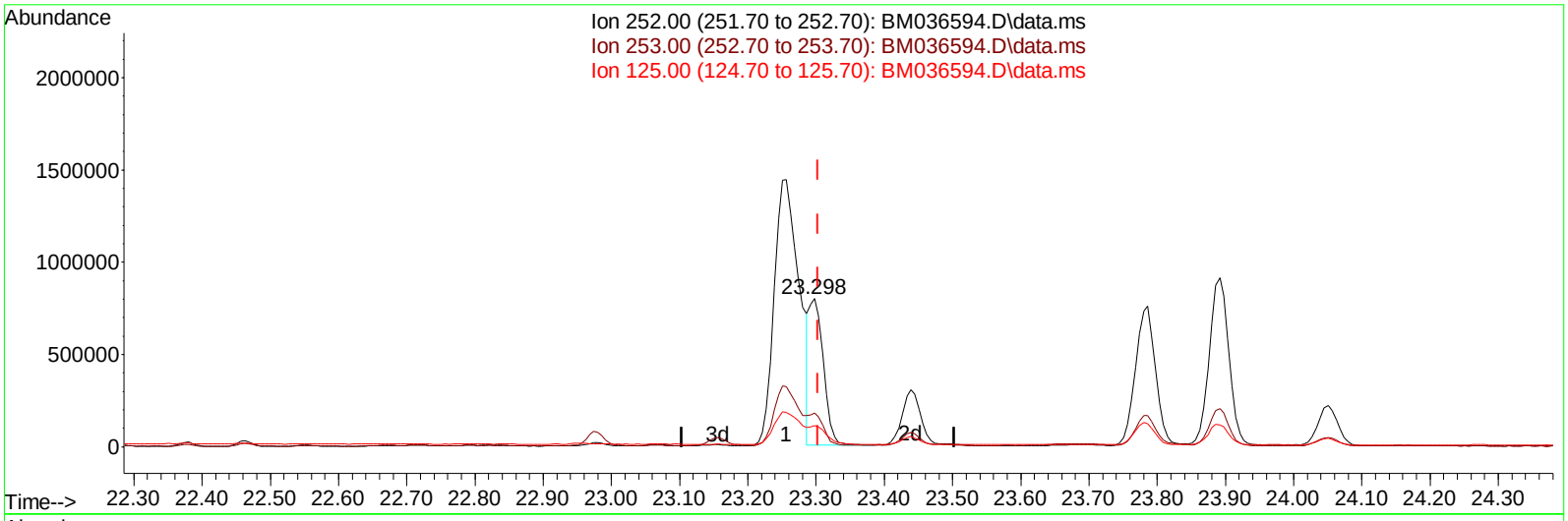

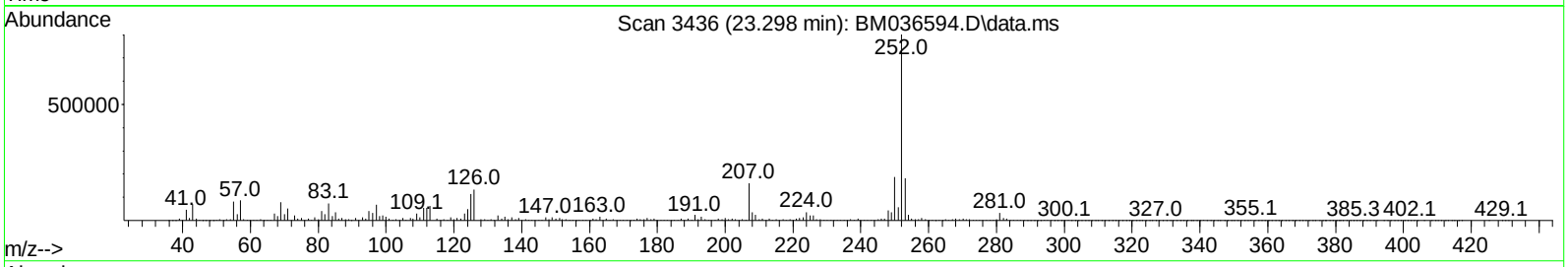

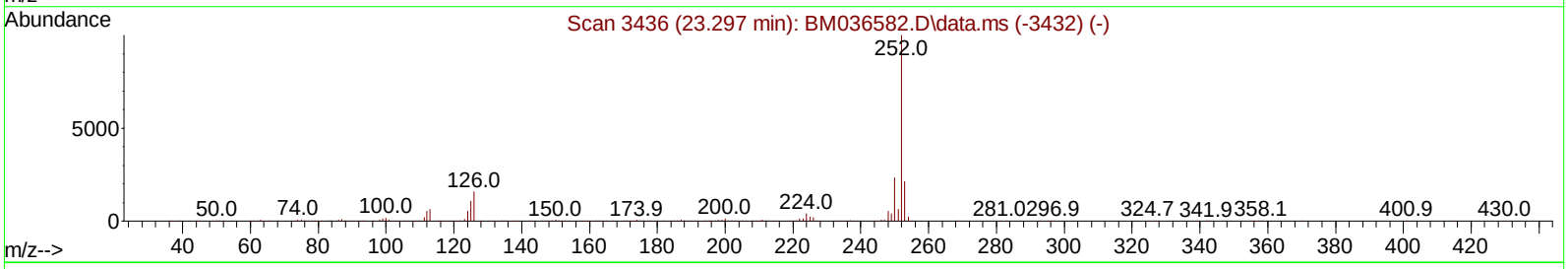

TIC: BM036594.D\data.ms

(91) Benzo(k)fluoranthene

23.298min (-0.006) 7.91 ng/ul m

response 1146554

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.85
125.00	10.30	14.12#
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	8.028	152	474477	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	2117622	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1346453	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2795694	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	2669659	20.000	ng/ul	0.00
88) Perylene-d12	23.998	264	2286748	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	39441	3.116	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.175	99	786972	18.560	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	550953	21.396	ng/ul	0.00
11) 2-Chlorophenol-d4	7.552	132	649440	21.274	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	557571	17.796	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	354575	24.738	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	315702	24.590	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	644246	21.653	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	228563	4.620	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2242093	24.690	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2817439	26.156	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	220239	12.504	ng/ul	0.00
60) Fluorene-d10	15.639	176	2141560	26.315	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	230250	20.816	ng/ul	0.00
73) Anthracene-d10	17.486	188	3340520	26.133	ng/ul	0.00
81) Pyrene-d10	19.768	212	3994090	30.411	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	3099847	27.746	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.887	128	167842	1.455	ng/ul	100
36) 2-Methylnaphthalene	12.492	142	128354	1.670	ng/ul	98
37) 1-Methylnaphthalene	12.710	142	111803	1.447	ng/ul	96
50) Acenaphthylene	14.375	152	426165	3.460	ng/ul	99
72) Phenanthrene	17.427	178	1142176	7.417	ng/ul	99
74) Anthracene	17.516	178	440133	2.812	ng/ul	99
80) Fluoranthene	19.433	202	5577189	34.654	ng/ul	99
82) Pyrene	19.798	202	5218481	30.632	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2928096	17.505	ng/ul	94
87) Chrysene	21.592	228	3008774	18.951	ng/ul	98
90) Benzo(b)fluoranthene	23.256	252	3683607	25.402	ng/ul	98
91) Benzo(k)fluoranthene	23.298	252	1146554m	7.913	ng/ul	
93) Benzo(a)pyrene	23.892	252	1815466	14.241	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.544	276	1178091	7.914	ng/ul	99
95) Dibenzo(a,h)anthracene	26.550	278	339744	2.516	ng/ul#	93
96) Benzo(g,h,i)perylene	27.321	276	900600	6.978	ng/ul	97

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

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