Quantitation Report (Qedit)

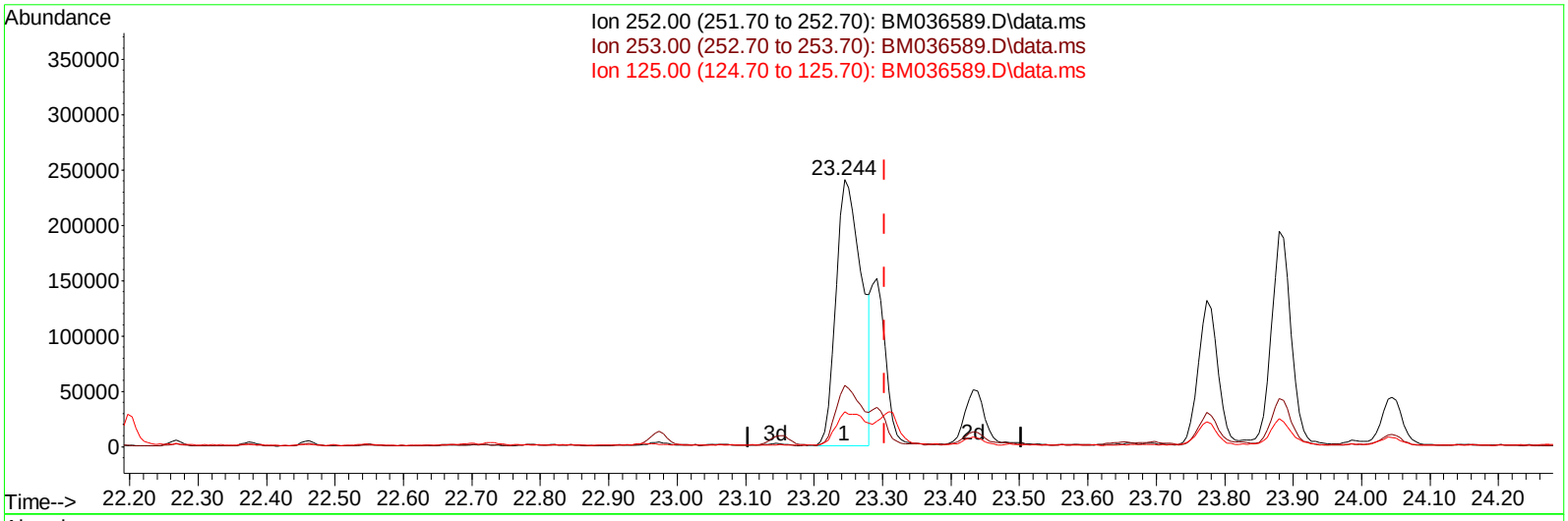
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036589.D
Acq On : 19 Sep 2022 20:35
Operator : CG/JU
Sample : N4604-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

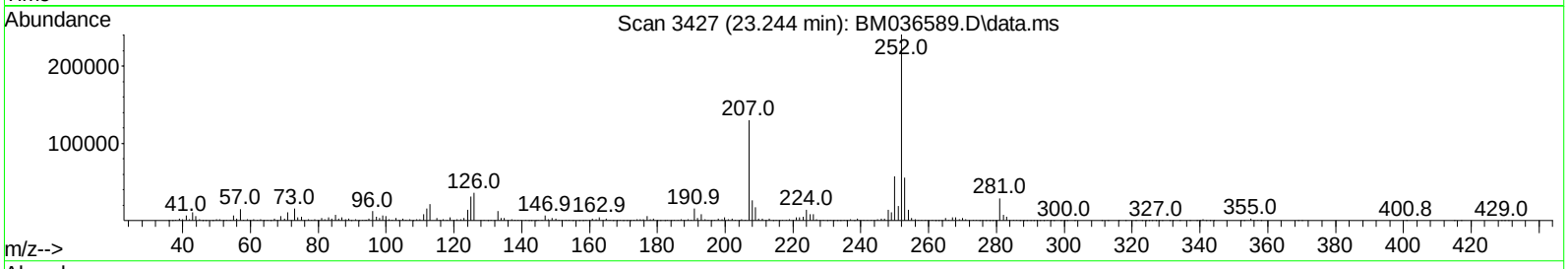
Quant Time: Sep 19 22:35:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

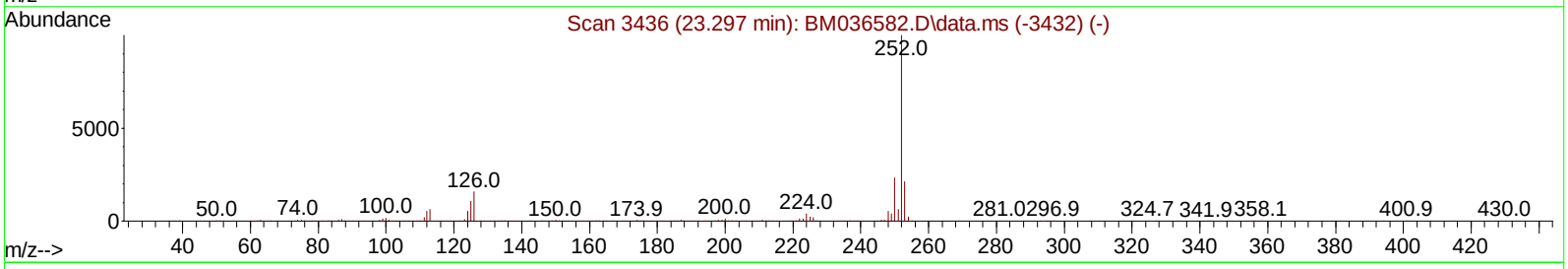
Instrument :
BNA_M
ClientSampleId :
A5777

Manual IntegrationsAPPROVED

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







TIC: BM036589.D\data.ms

(91) Benzo(k)fluoranthene

23.244min (-0.059) 4.78 ng/ul

response 629135

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.12
125.00	10.30	13.06#
0.00	0.00	0.00

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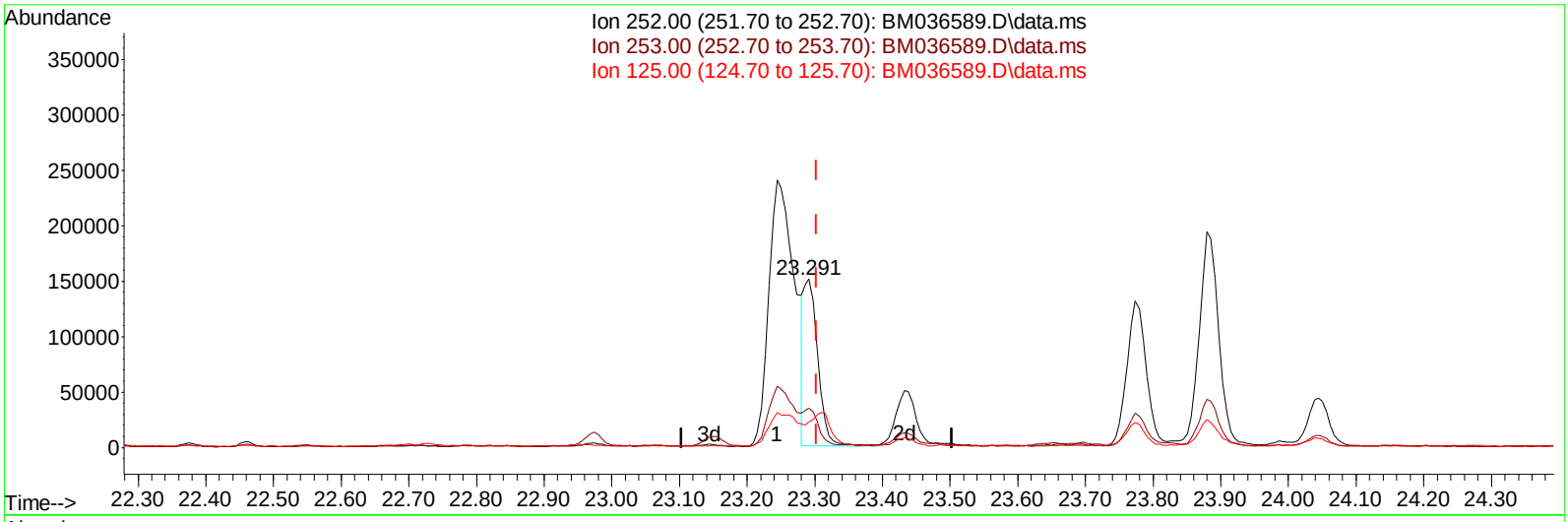

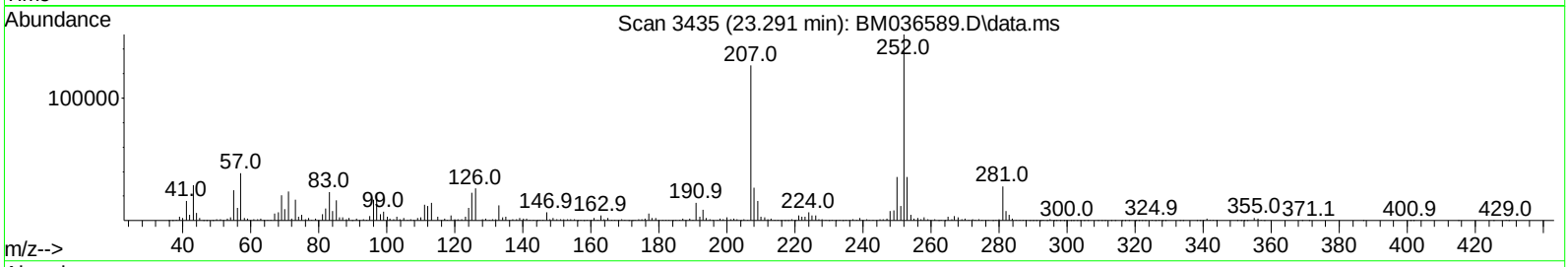

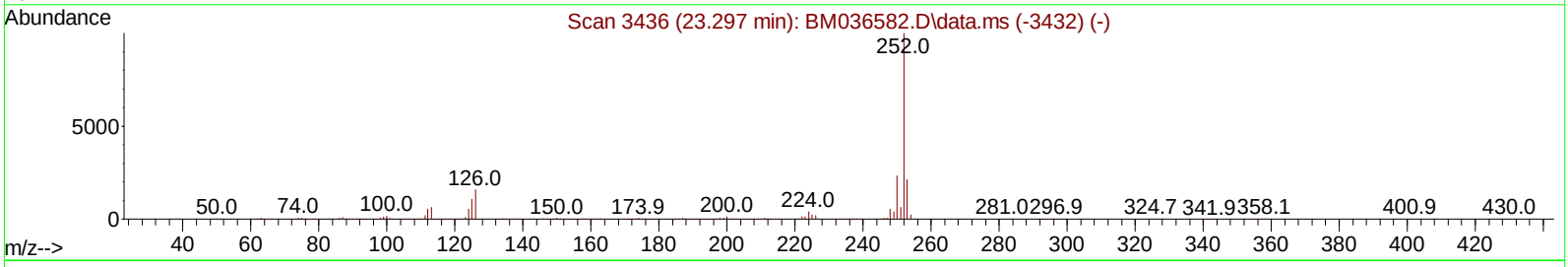

TIC: BM036589.D\data.ms

(91) Benzo(k)fluoranthene

23.291min (-0.012) 1.66 ng/ul m

response 218126

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.62
125.00	10.30	15.06#
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	424286	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1917203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1259040	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2544259	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	2381764	20.000	ng/ul	0.00
88) Perylene-d12	23.991	264	2076939	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	43318	3.827	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.175	99	848352	22.374	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	515933	22.406	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	656504	24.050	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	671765	23.978	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	321907	24.807	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	299888	25.800	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	625031	23.203	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	399689	8.924	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1995569	23.501	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2378784	23.617	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	313909	19.059	ng/ul	0.00
60) Fluorene-d10	15.639	176	1817130	23.879	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	203146	20.181	ng/ul	0.00
73) Anthracene-d10	17.486	188	2645766	22.744	ng/ul	0.00
81) Pyrene-d10	19.762	212	3214252	27.432	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2559388	25.223	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.427	178	265390	1.894	ng/ul	98
80) Fluoranthene	19.433	202	794229	5.531	ng/ul	99
82) Pyrene	19.792	202	720043	4.737	ng/ul	99
85) Benzo(a)anthracene	21.533	228	551558	3.696	ng/ul	96
87) Chrysene	21.586	228	467926	3.303	ng/ul	97
90) Benzo(b)fluoranthene	23.244	252	629135	4.777	ng/ul	97
91) Benzo(k)fluoranthene	23.291	252	218126m	1.657	ng/ul	
93) Benzo(a)pyrene	23.880	252	381523	3.295	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.532	276	219434	1.623	ng/ul	100
96) Benzo(g,h,i)perylene	27.309	276	159198	1.358	ng/ul	98

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

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