Quantitation Report (Qedit)

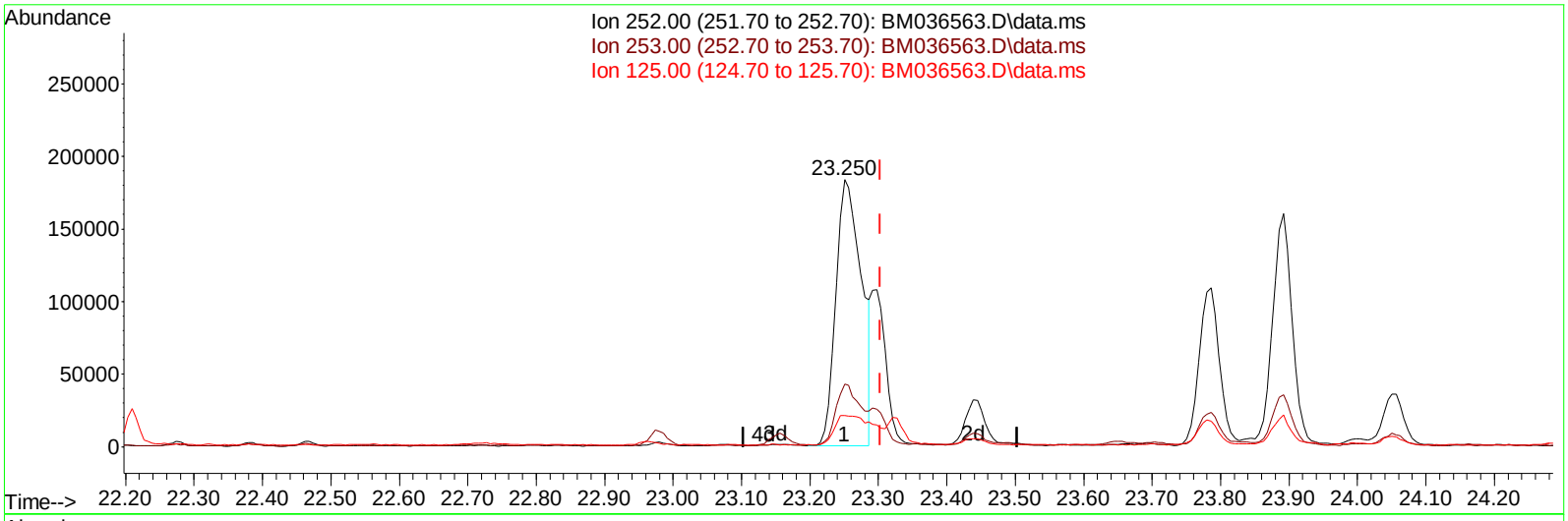
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036563.D
Acq On : 16 Sep 2022 15:22
Operator : CG/JU
Sample : N4601-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

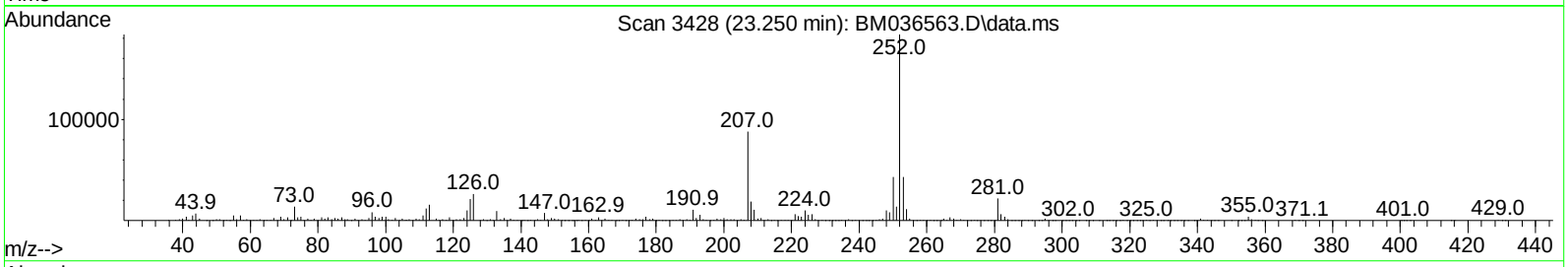
Quant Time: Sep 16 22:59:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

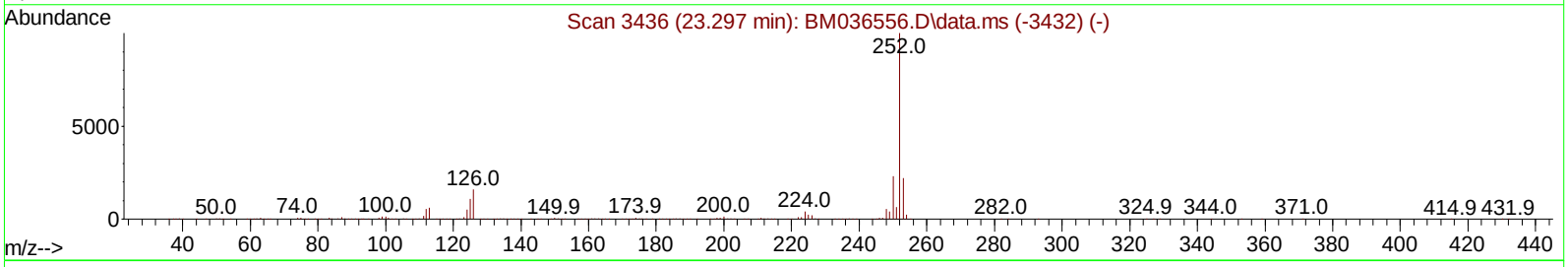
Instrument :
BNA_M
ClientSampleId :
A5743

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022







TIC: BM036563.D\data.ms

(91) Benzo(k)fluoranthene

23.250min (-0.053) 3.09 ng/ul

response 478360

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.47
125.00	10.30	11.63
0.00	0.00	0.00

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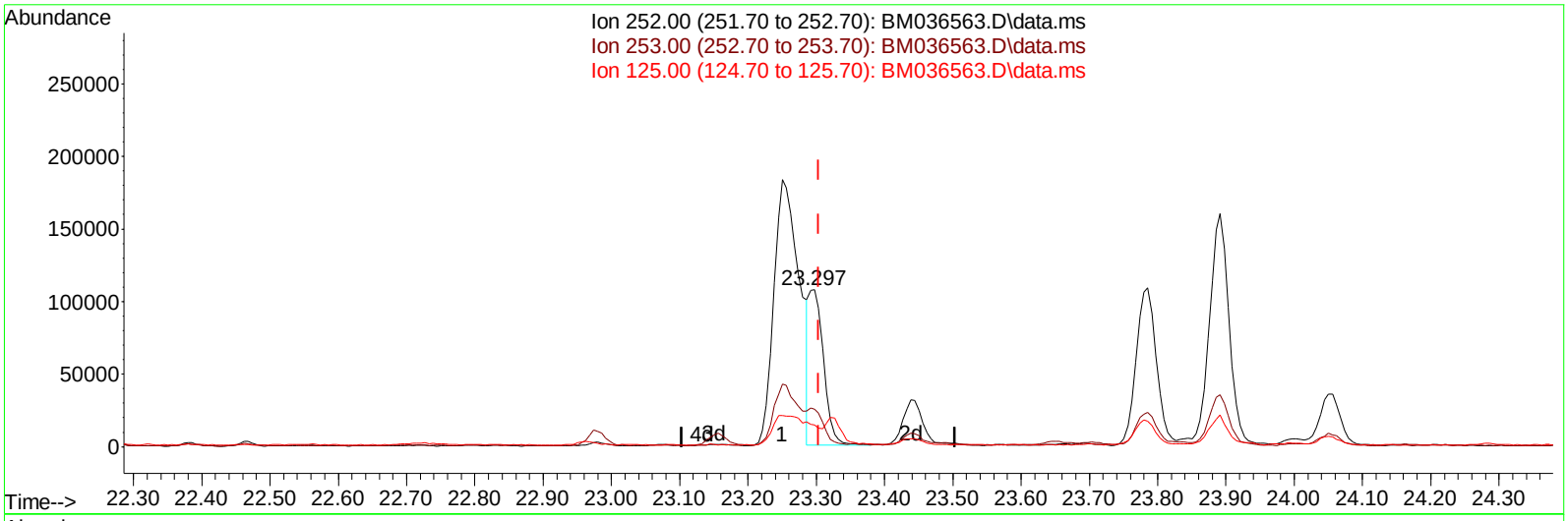

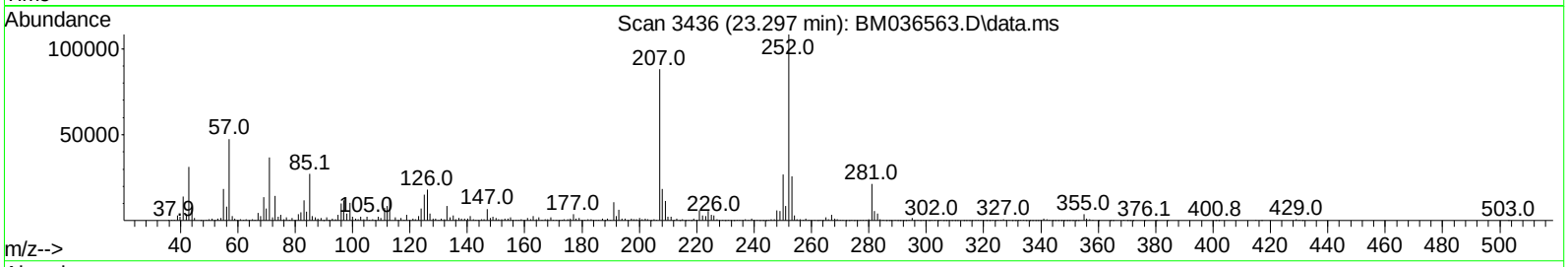

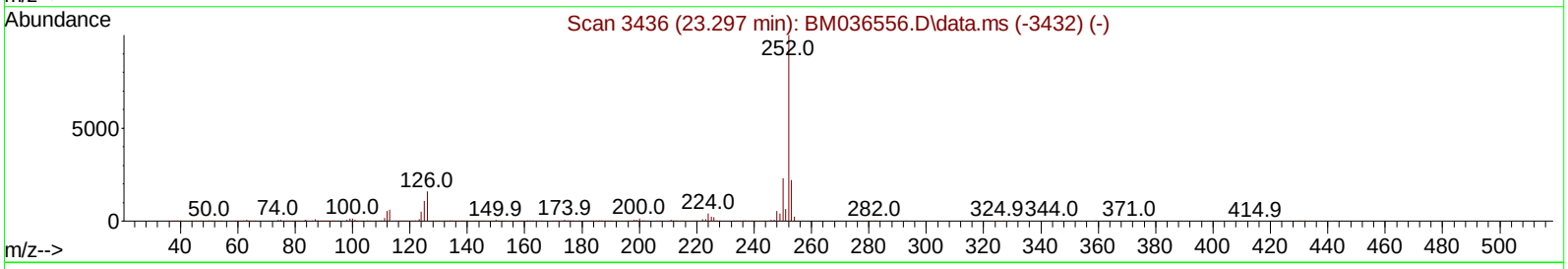

TIC: BM036563.D\data.ms

(91) Benzo(k)fluoranthene

23.297min (-0.006) 1.02 ng/ul m

response 158285

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.75
125.00	10.30	14.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	372162	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1659501	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1081205	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2253549	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	2335378	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	2446412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	29075	2.929	ng/uL	0.00
4) Pyridine-d5	3.828	84	44150	1.525	ng/ul	0.01
7) Phenol-d5	7.169	99	556029	16.719	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	343745	17.019	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	440375	18.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	460120	18.723	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	209252	18.629	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	196898	19.570	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	426112	18.275	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	574518	14.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1431257	19.627	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1660269	19.195	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	210949	14.915	ng/ul	0.00
60) Fluorene-d10	15.639	176	1281481	19.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	120405	13.504	ng/ul	0.00
73) Anthracene-d10	17.486	188	1996591	19.377	ng/ul	0.00
81) Pyrene-d10	19.762	212	2460969	21.420	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2533018	21.193	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.427	178	309299	2.492	ng/ul	100
80) Fluoranthene	19.433	202	667585	4.742	ng/ul	99
82) Pyrene	19.792	202	630157	4.228	ng/ul	100
85) Benzo(a)anthracene	21.539	228	311313	2.128	ng/ul	96
87) Chrysene	21.592	228	340644	2.453	ng/ul	98
90) Benzo(b)fluoranthene	23.250	252	478360	3.083	ng/ul	98
91) Benzo(k)fluoranthene	23.297	252	158285m	1.021	ng/ul	
93) Benzo(a)pyrene	23.892	252	311168	2.282	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.538	276	211950	1.331	ng/ul	97
96) Benzo(g,h,i)perylene	27.321	276	186645	1.352	ng/ul	100

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

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