Quantitation Report (Qedit)

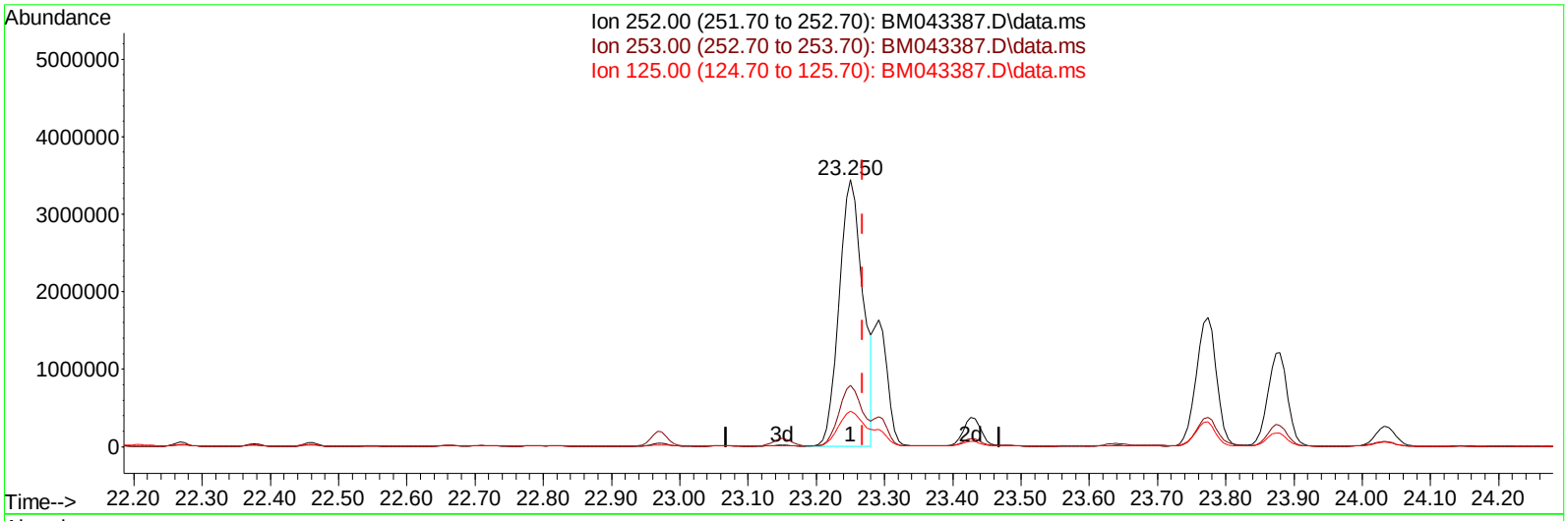
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043387.D
Acq On : 18 Dec 2023 11:26
Operator : MA/JU
Sample : 05626-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

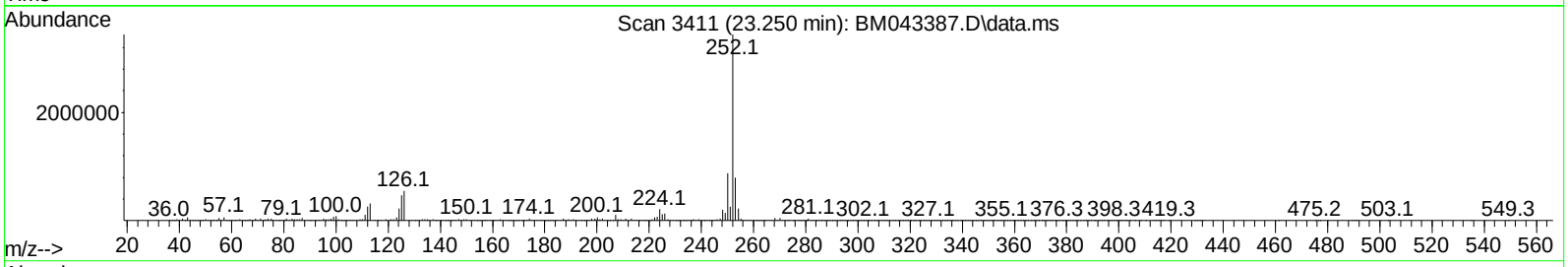
Quant Time: Dec 19 00:26:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

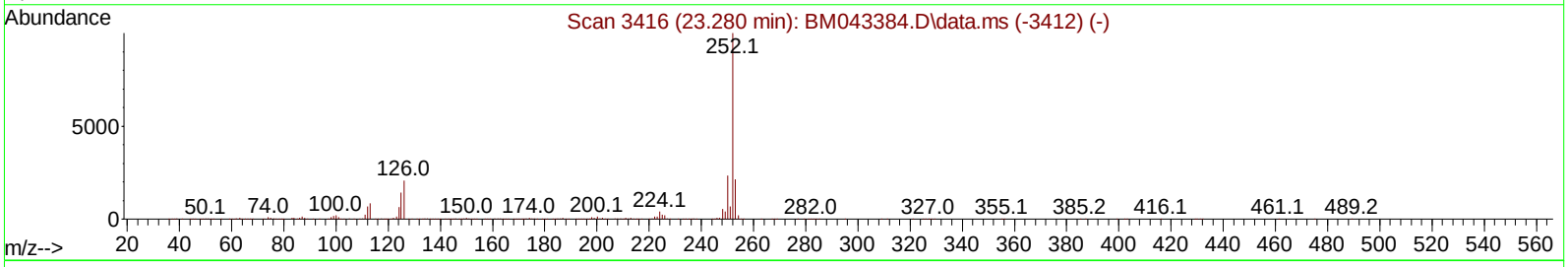
Instrument :
BNA_M
ClientSampleId :
DCLG1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023







TIC: BM043387.D\data.ms

(91) Benzo(k)fluoranthene

23.250min (-0.018) 65.28 ng/ul

response 8339201

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.06
125.00	12.80	13.41
0.00	0.00	0.00

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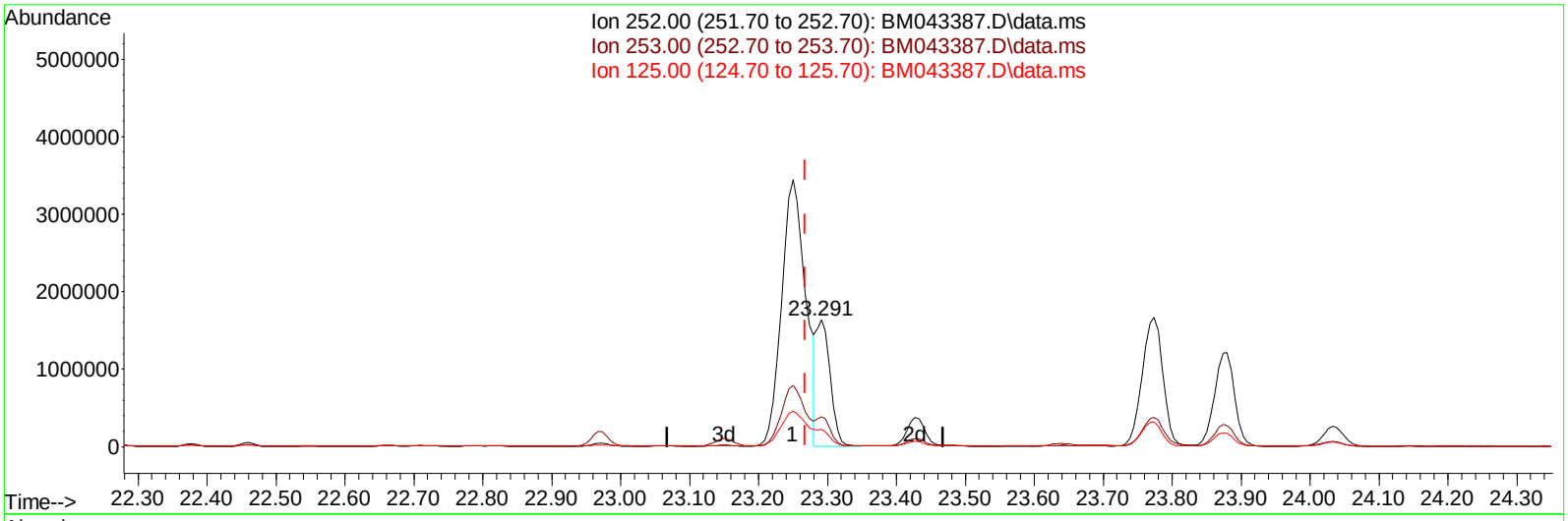

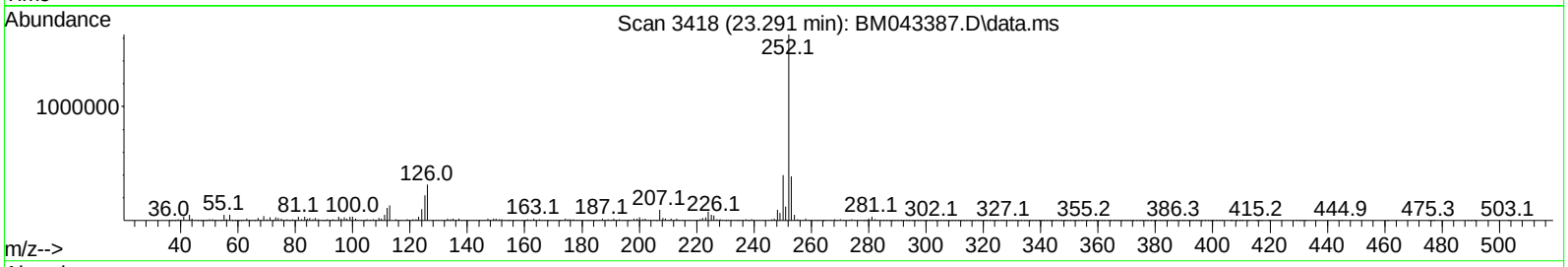

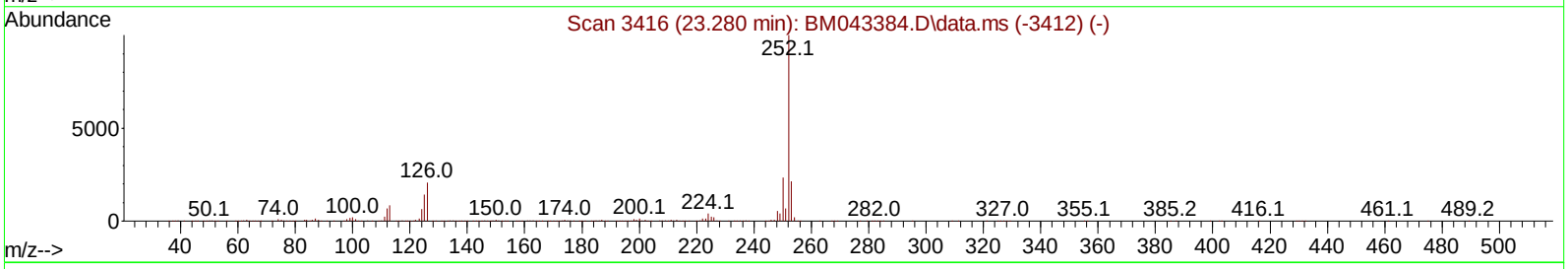

TIC: BM043387.D\data.ms

(91) Benzo(k)fluoranthene

23.291min (+ 0.023) 17.88 ng/ul m

response 2283852

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.70
125.00	12.80	13.67
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	7.992	152	437798	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1840822	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	995752	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1891565	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1558027	20.000	ng/ul	0.01
88) Perylene-d12	23.980	264	1709051	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	35438	2.631	ng/uL	0.00
4) Pyridine-d5	3.816	84	165041	4.257	ng/ul	0.01
7) Phenol-d5	7.151	99	765273	15.366	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	470401	14.914	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	567512	14.924	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	600178	15.530	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	277133	15.560	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	288517	15.678	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	512467	15.775	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	536871	11.234	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	1479204	16.502	ng/ul	0.00
49) Acenaphthylene-d8	14.315	160	1804456	16.970	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	240851	14.196	ng/ul	0.00
60) Fluorene-d10	15.615	176	1293496	17.451	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	168418	13.462	ng/ul	0.00
73) Anthracene-d10	17.468	188	1927756	18.172	ng/ul	0.00
81) Pyrene-d10	19.756	212	2017679	16.403	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	1857206	17.610	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.851	128	615175	5.244	ng/ul	99
36) 2-Methylnaphthalene	12.457	142	128742	1.612	ng/ul	99
37) 1-Methylnaphthalene	12.674	142	87486	1.086	ng/ul#	98
50) Acenaphthylene	14.345	152	436042	3.571	ng/ul	99
52) Acenaphthene	14.686	153	324554	4.033	ng/ul	99
61) Fluorene	15.668	166	427131	4.810	ng/ul	98
71) Pentachlorophenol	17.009	266	32107	2.069	ng/ul	98
72) Phenanthrene	17.409	178	3079699	24.022	ng/ul	99
74) Anthracene	17.503	178	1501385	11.604	ng/ul	100
80) Fluoranthene	19.427	202	11934684	78.350	ng/ul	99
82) Pyrene	19.792	202	10970133	70.054	ng/ul	96
85) Benzo(a)anthracene	21.533	228	3365235	25.830	ng/ul	95
87) Chrysene	21.591	228	6274434	53.534	ng/ul	97
90) Benzo(b)fluoranthene	23.250	252	8339201	63.673	ng/ul	98
91) Benzo(k)fluoranthene	23.291	252	2283852m	17.879	ng/ul	
93) Benzo(a)pyrene	23.880	252	2437937	20.403	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.515	276	1909111	13.381	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	499224	4.226	ng/ul#	89
96) Benzo(g,h,i)perylene	27.291	276	654078	5.848	ng/ul	99

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

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