Quantitation Report (Qedit)

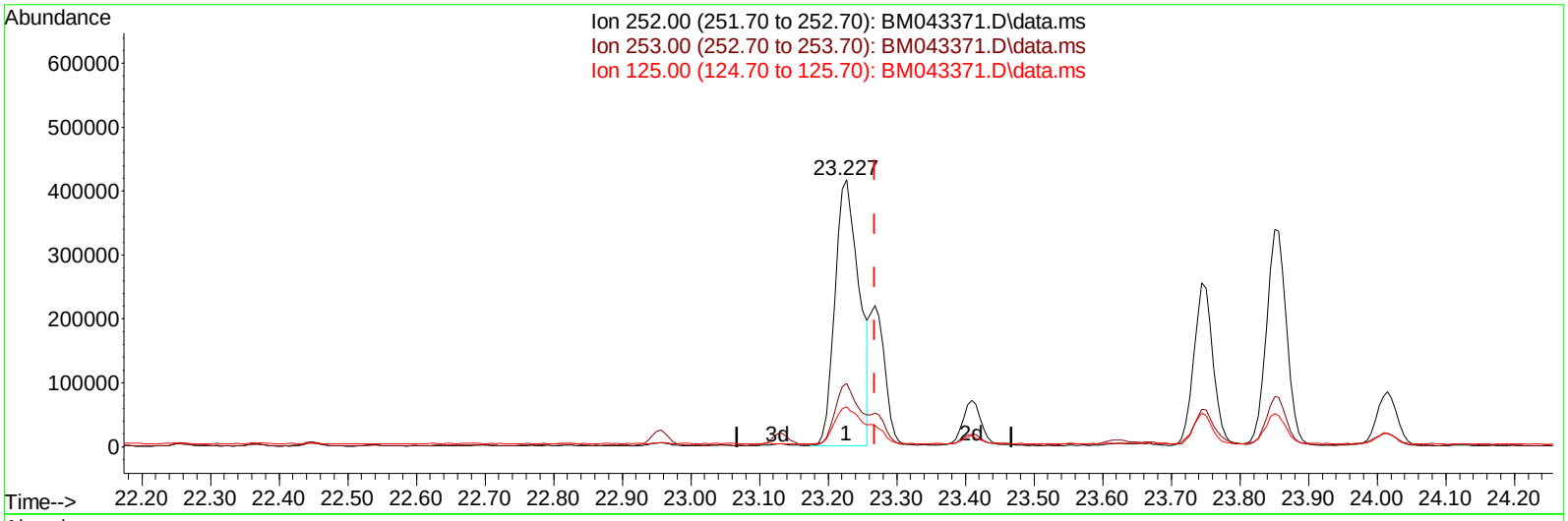
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043371.D
Acq On : 15 Dec 2023 23:13
Operator : MA/JU
Sample : 05794-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

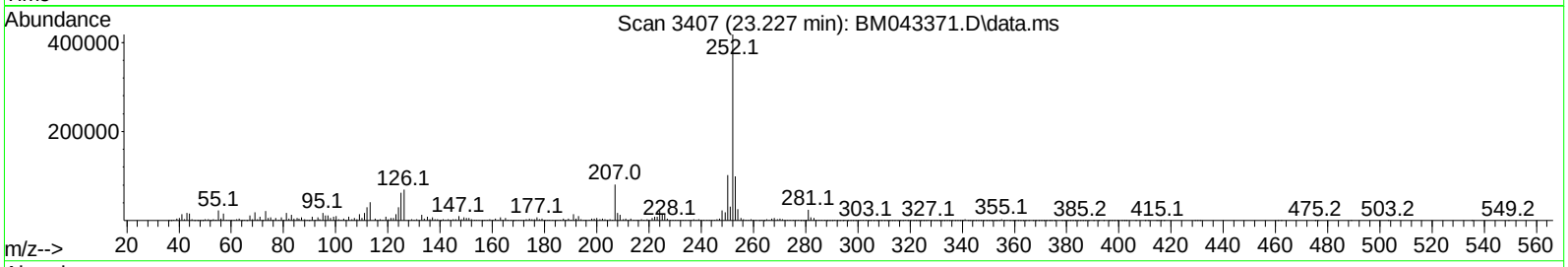
Quant Time: Dec 15 23:45:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

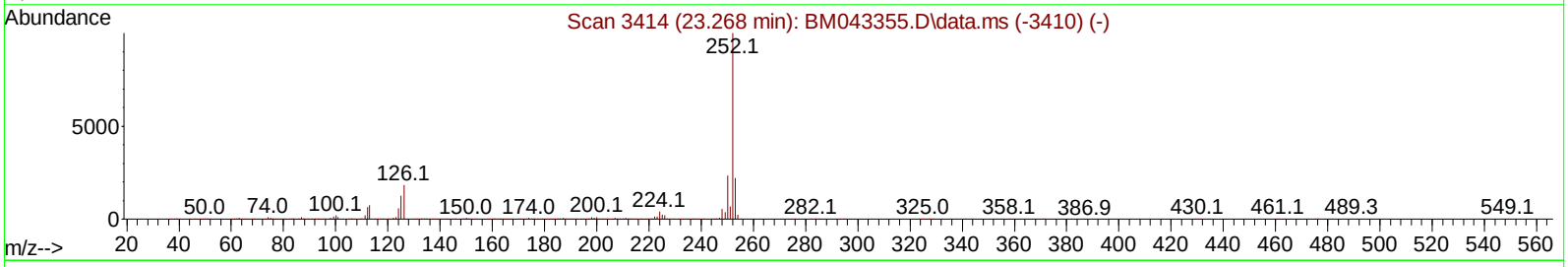
Instrument :
BNA_M
ClientSampleId :
BH3Q7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023







TIC: BM043371.D\data.ms

(91) Benzo(k)fluoranthene

23.227min (-0.041) 9.78 ng/ul

response 1021435

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.78
125.00	12.80	15.10
0.00	0.00	0.00

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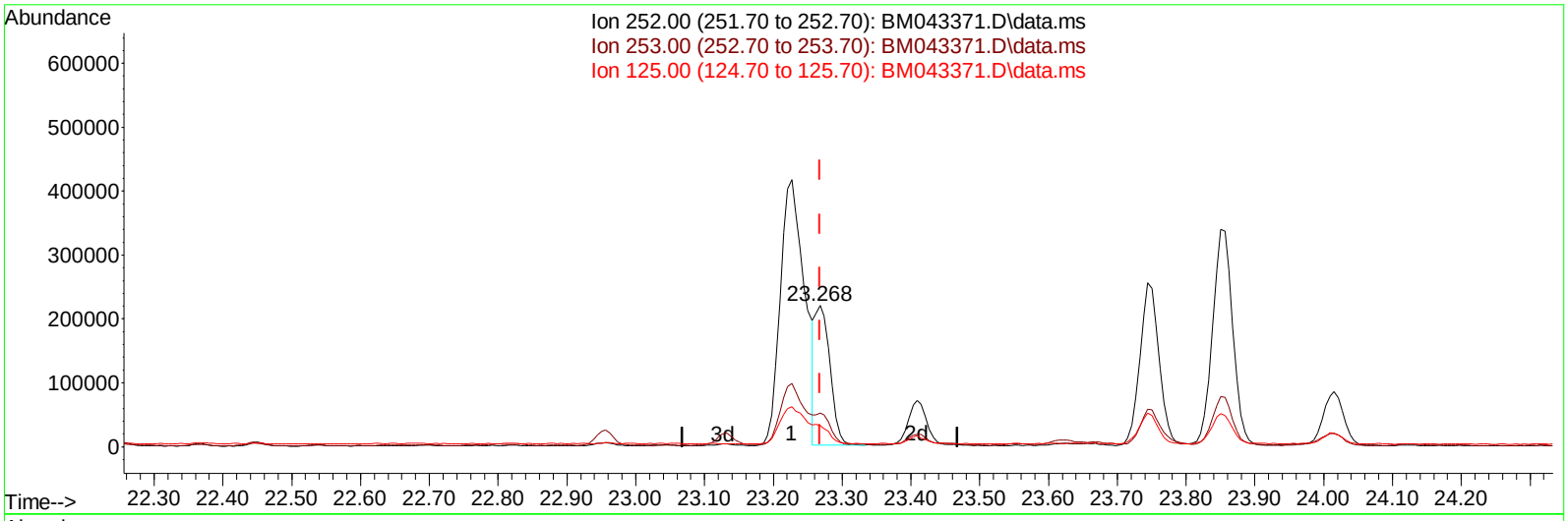

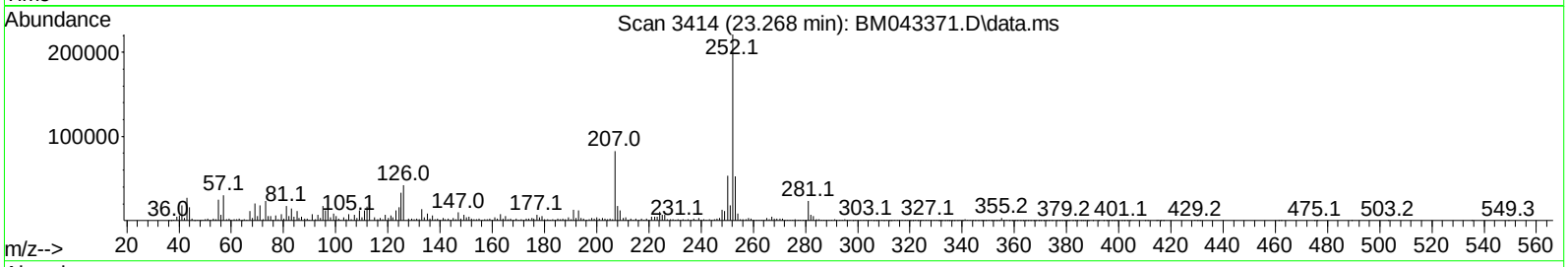

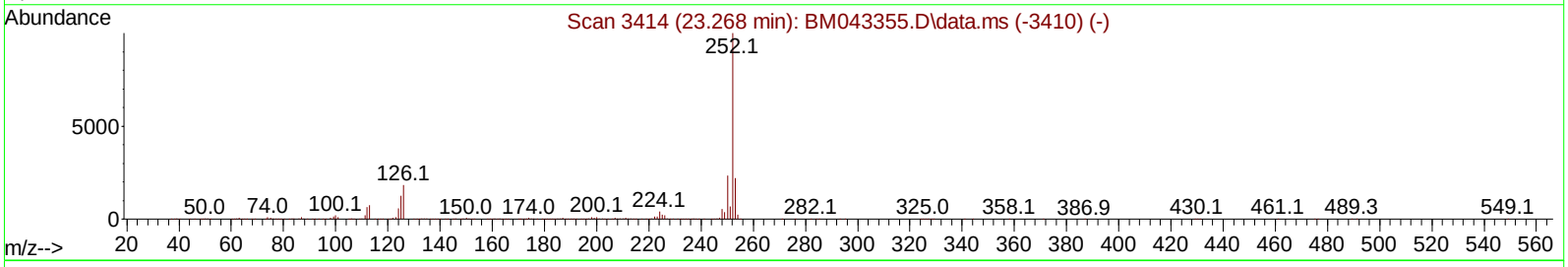

TIC: BM043371.D\data.ms

(91) Benzo(k)fluoranthene

23.268min (+ 0.000) 3.20 ng/ul m

response 333752

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.79
125.00	12.80	14.92
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM043371.D
Acq On : 15 Dec 2023 23:13
Operator : MA/JU
Sample : 05794-12
Misc :
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Quant Time: Dec 15 23:46:38 2023
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	490613	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2182078	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1213419	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2100534	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1265527	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1397575	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	18203	1.206	ng/uL	0.00
4) Pyridine-d5	3.822	84	38799	0.893	ng/ul	0.02
7) Phenol-d5	7.151	99	385974	6.916	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	263888	7.466	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	303345	7.119	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	204388	4.719	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	153463	7.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	156802	7.188	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	292077	7.585	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	228084	4.026	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	869987	7.965	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1046890	8.079	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	76618	3.706	ng/ul	0.00
60) Fluorene-d10	15.615	176	753262	8.339	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	49829	3.587	ng/ul	0.00
73) Anthracene-d10	17.462	188	998527	8.476	ng/ul	0.00
81) Pyrene-d10	19.750	212	894403	8.952	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	726760	8.427	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.828	105	230288	3.473	ng/ul	99
72) Phenanthrene	17.409	178	1502699	10.555	ng/ul	100
74) Anthracene	17.498	178	255277	1.777	ng/ul	99
77) Carbazole	17.774	167	124175	1.013	ng/ul	99
80) Fluoranthene	19.415	202	2083762	16.841	ng/ul	99
82) Pyrene	19.780	202	1732563	13.621	ng/ul	100
85) Benzo(a)anthracene	21.521	228	810290	7.657	ng/ul	98
87) Chrysene	21.580	228	740596	7.779	ng/ul	98
90) Benzo(b)fluoranthene	23.227	252	1021435	9.537	ng/ul	95
91) Benzo(k)fluoranthene	23.268	252	333752m	3.195	ng/ul	
93) Benzo(a)pyrene	23.850	252	687660	7.038	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.479	276	539901	4.627	ng/ul	98
95) Dibenzo(a,h)anthracene	26.497	278	138987	1.439	ng/ul#	94
96) Benzo(g,h,i)perylene	27.250	276	282663	3.091	ng/ul	99

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

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