Quantitation Report (Qedit)

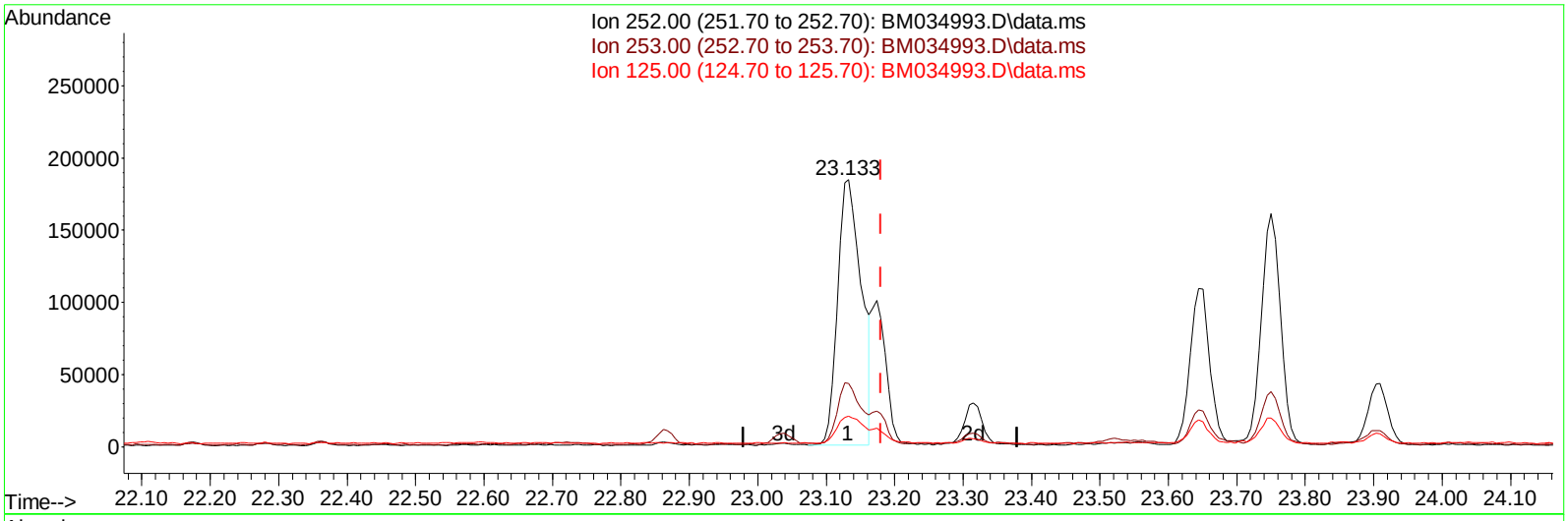
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034993.D
Acq On : 11 May 2022 19:56
Operator : CG/JU
Sample : N2603-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

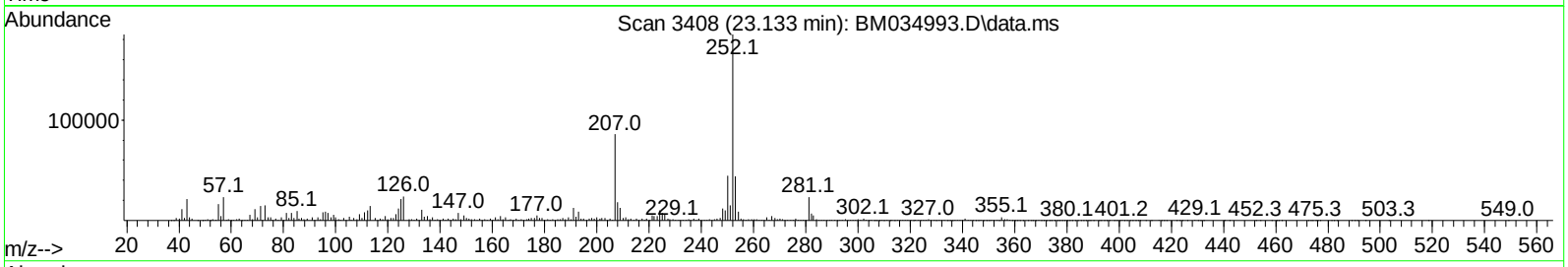
Quant Time: May 12 03:30:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration

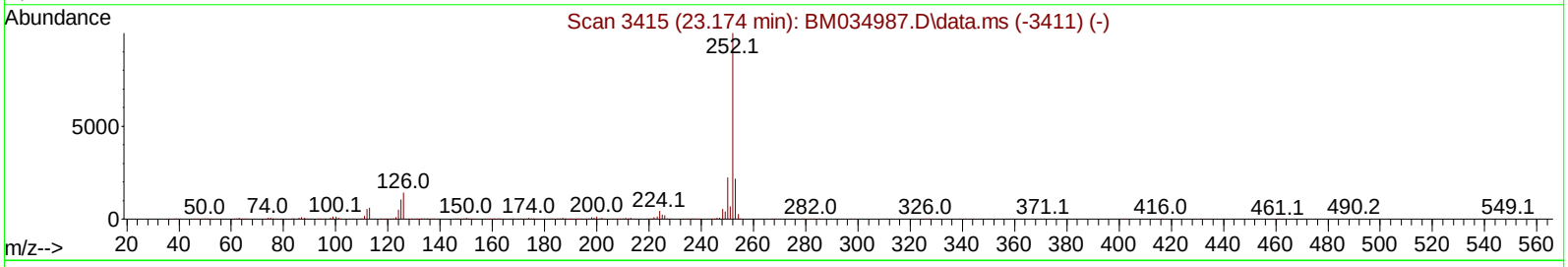
Instrument :
BNA_M
ClientSampleId :
EW493

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022







TIC: BM034993.D\data.ms

(91) Benzo(k)fluoranthene

23.133min (-0.047) 7.86 ng/ul

response 442946

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.75
125.00	9.70	11.54
0.00	0.00	0.00

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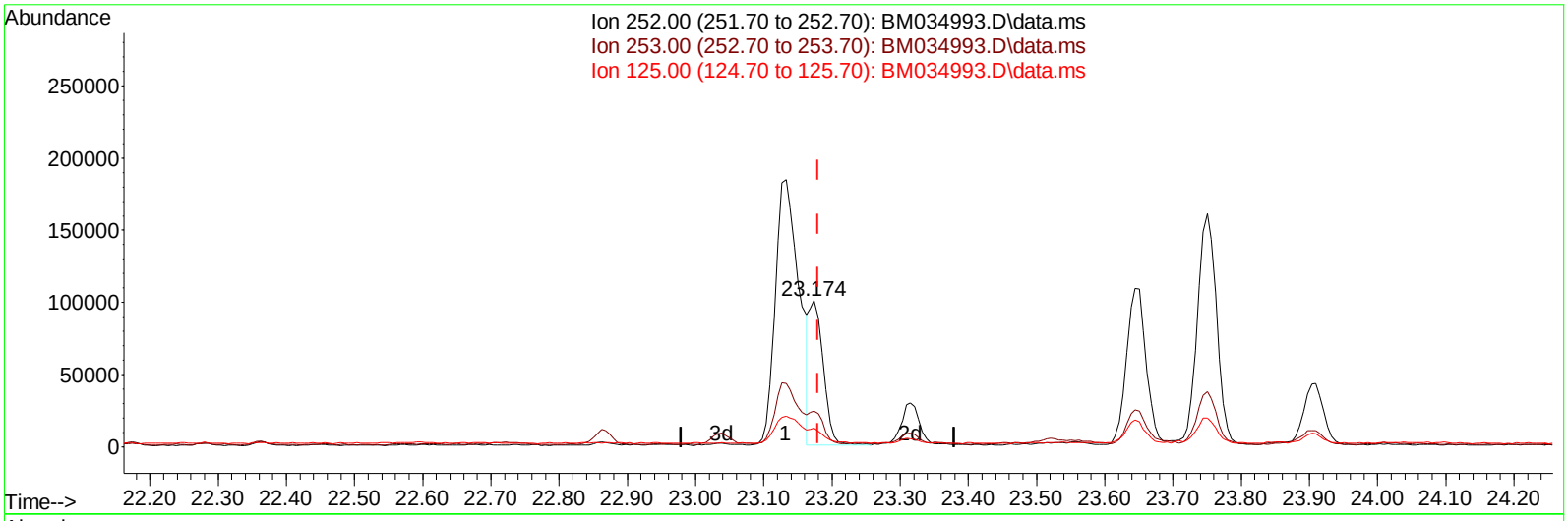

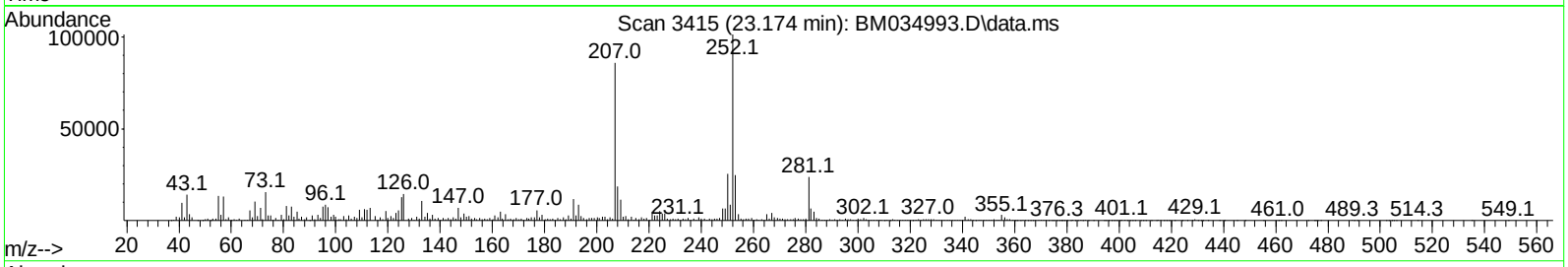

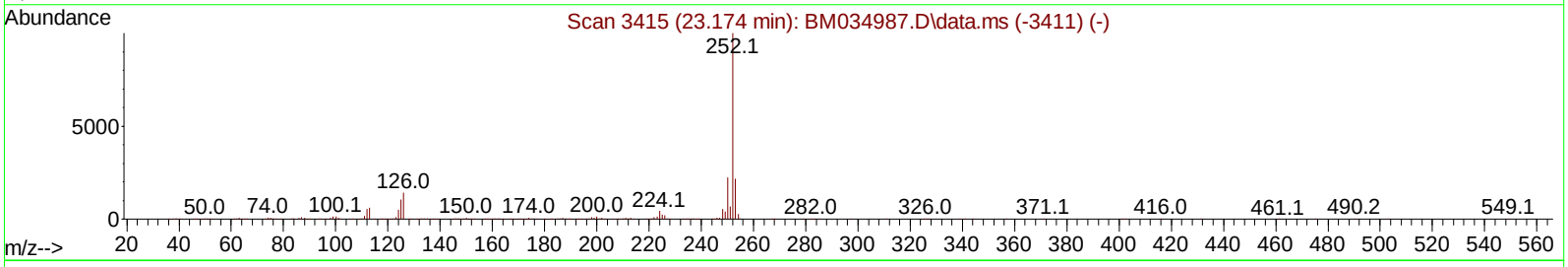

TIC: BM034993.D\data.ms

(91) Benzo(k)fluoranthene

23.174min (-0.006) 2.61 ng/ul m

response 146892

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.54
125.00	9.70	12.69#
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	7.922	152	254882	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1063039	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	588207	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	997173	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	797123	20.000	ng/ul	0.00
88) Perylene-d12	23.856	264	880771	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	24516	4.024	ng/uL	0.00
4) Pyridine-d5	3.781	84	108111	6.438	ng/ul	0.00
7) Phenol-d5	7.081	99	464317	21.058	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	319958	23.118	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	418119	24.131	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	295573	16.441	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	204213	25.064	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	225767	25.691	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	372741	22.664	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	279899	11.953	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1131726	25.512	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1366460	24.276	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	125734	16.588	ng/ul	0.00
60) Fluorene-d10	15.545	176	927764	24.790	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	103941	16.541	ng/ul	0.00
73) Anthracene-d10	17.392	188	1190635	24.541	ng/ul	0.00
81) Pyrene-d10	19.680	212	1247104	25.055	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.703	264	1237012	26.873	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.333	178	486460	8.673	ng/ul	99
74) Anthracene	17.427	178	109298	1.927	ng/ul	99
80) Fluoranthene	19.345	202	808311	13.509	ng/ul#	95
82) Pyrene	19.709	202	685415	11.217	ng/ul	98
85) Benzo(a)anthracene	21.456	228	320402	6.187	ng/ul	97
87) Chrysene	21.503	228	315861	6.263	ng/ul	97
90) Benzo(b)fluoranthene	23.133	252	442946	7.487	ng/ul#	95
91) Benzo(k)fluoranthene	23.174	252	146892m	2.607	ng/ul	
93) Benzo(a)pyrene	23.750	252	313385	5.556	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.315	276	227033	3.519	ng/ul	96
96) Benzo(g,h,i)perylene	27.079	276	175827	3.281	ng/ul#	92

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

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