Quantitation Report (Qedit)

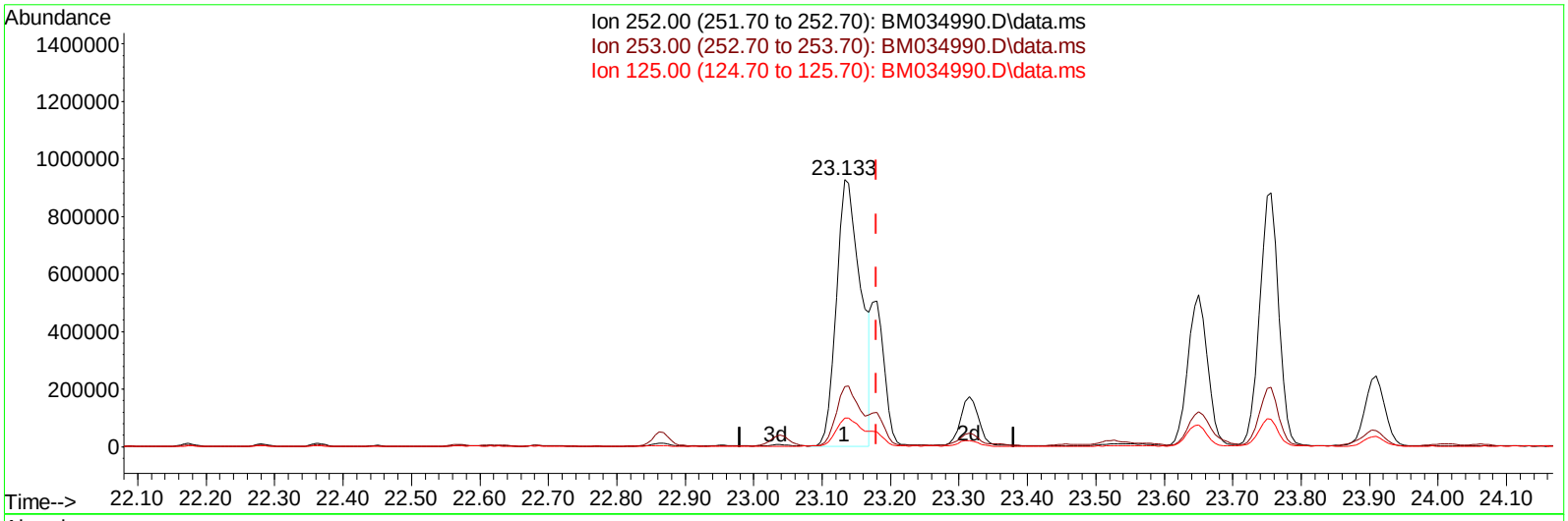
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034990.D
Acq On : 11 May 2022 18:07
Operator : CG/JU
Sample : N2603-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

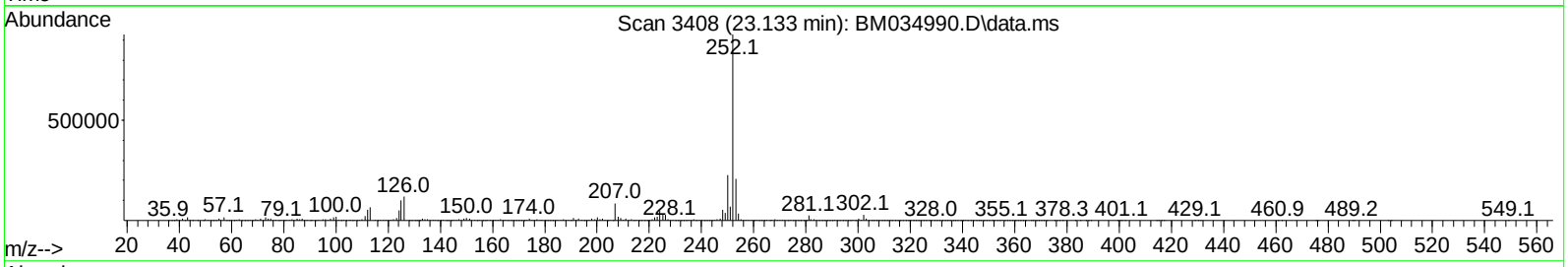
Quant Time: May 12 03:29:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration

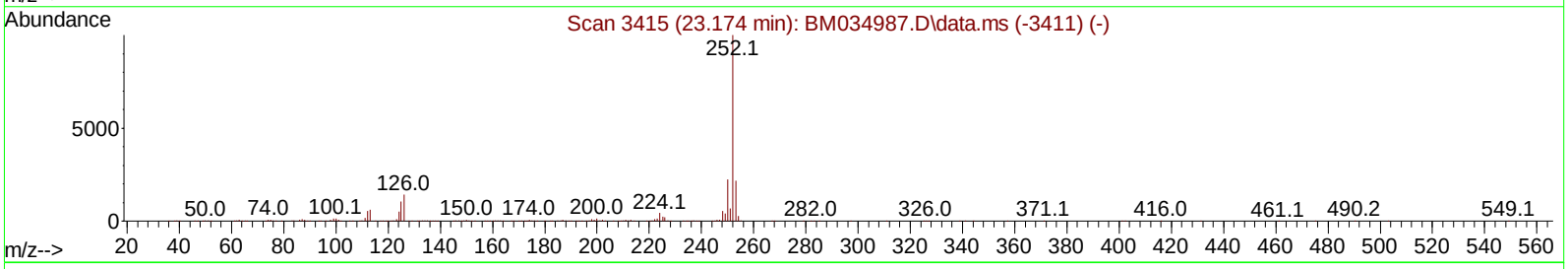
Instrument :
BNA_M
ClientSampleId :
EW4A2

Manual IntegrationsAPPROVED

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







TIC: BM034990.D\data.ms

(91) Benzo(k)fluoranthene

23.133min (-0.047) 51.65 ng/ul

response 2300843

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.46
125.00	9.70	10.80
0.00	0.00	0.00

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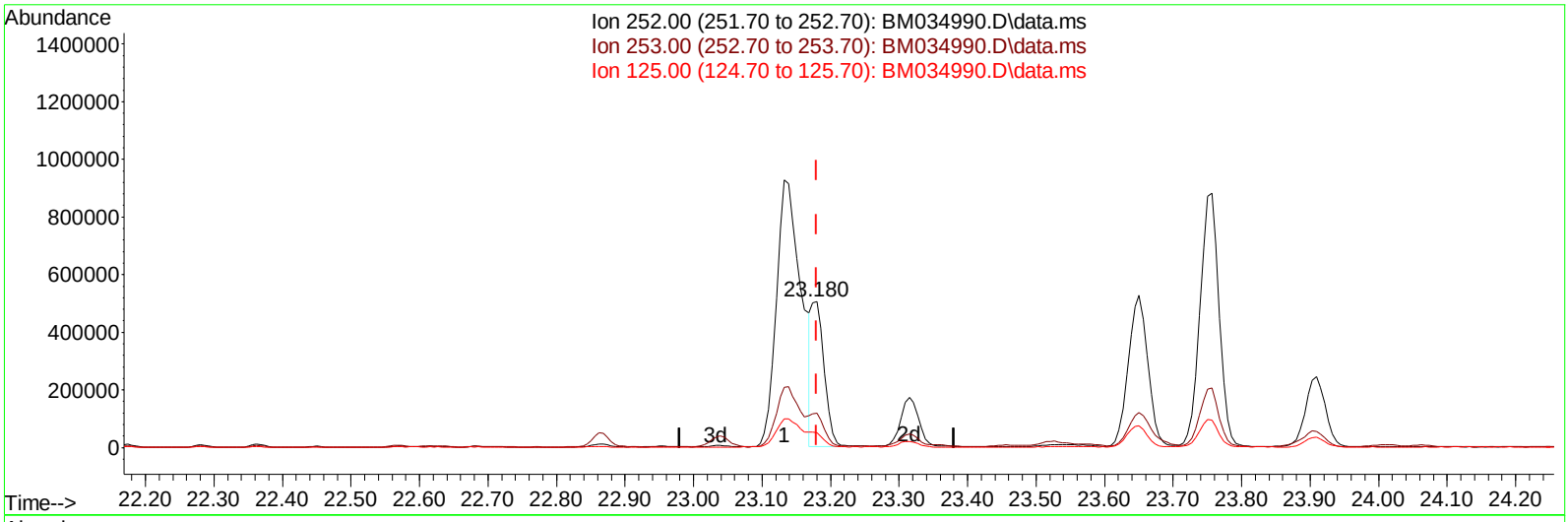

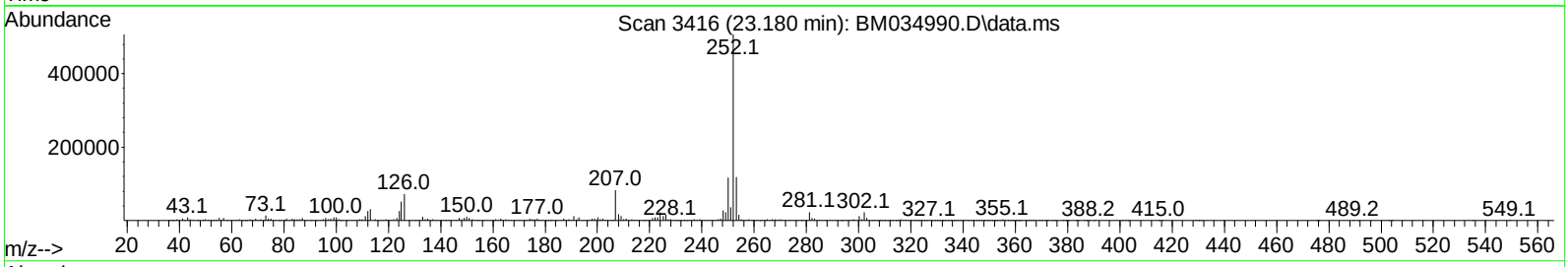

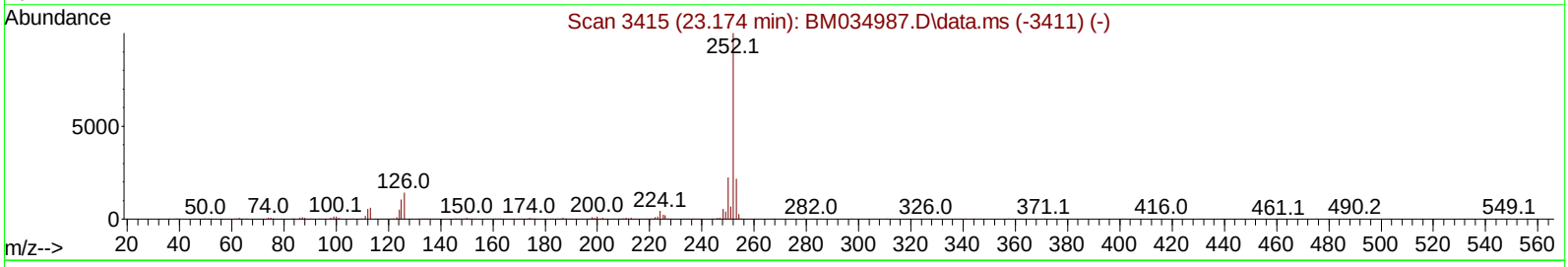

TIC: BM034990.D\data.ms

(91) Benzo(k)fluoranthene

23.180min (+ 0.000) 14.70 ng/ul m

response 654723

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.41
125.00	9.70	10.25
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	7.922	152	180823	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	744343	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	417845	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	742469	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	635782	20.000	ng/ul	0.00
88) Perylene-d12	23.856	264	696434	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	23981	5.548	ng/uL	0.00
4) Pyridine-d5	3.781	84	161987	13.597	ng/ul	0.00
7) Phenol-d5	7.081	99	441748	28.239	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	306754	31.242	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	397084	32.303	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	251008	19.681	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	194644	34.118	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	210259	34.170	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	351677	30.539	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	293286	17.887	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1116552	35.432	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1326241	33.168	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	112660	20.924	ng/ul	0.00
60) Fluorene-d10	15.545	176	946860	35.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	98272	21.004	ng/ul	0.00
73) Anthracene-d10	17.392	188	1277100	35.354	ng/ul	0.00
81) Pyrene-d10	19.680	212	1400722	35.282	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.703	264	1409777	38.732	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.775	128	246072	6.293	ng/ul	99
36) 2-Methylnaphthalene	12.380	142	98192	3.632	ng/ul	98
37) 1-Methylnaphthalene	12.598	142	65487	2.395	ng/ul	97
50) Acenaphthylene	14.274	152	109659	2.730	ng/ul	97
52) Acenaphthene	14.616	153	96047	3.577	ng/ul	99
56) Dibenzofuran	14.951	168	370947	10.031	ng/ul	95
61) Fluorene	15.598	166	535252	17.694	ng/ul	100
72) Phenanthrene	17.339	178	3614624	86.553	ng/ul	99
74) Anthracene	17.427	178	838428	19.850	ng/ul	100
77) Carbazole	17.692	167	194998	5.251	ng/ul	99
80) Fluoranthene	19.351	202	4236040	88.759	ng/ul	98
82) Pyrene	19.709	202	3278589	67.271	ng/ul	99
85) Benzo(a)anthracene	21.456	228	1825352	44.189	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	47319	1.638	ng/ul	93
87) Chrysene	21.509	228	1647765	40.963	ng/ul	97
90) Benzo(b)fluoranthene	23.133	252	2300843	49.184	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	654723m	14.698	ng/ul	
93) Benzo(a)pyrene	23.756	252	1699741	38.113	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.327	276	1168429	22.903	ng/ul	98
95) Dibenzo(a,h)anthracene	26.332	278	285112	6.519	ng/ul#	84
96) Benzo(g,h,i)perylene	27.085	276	926139	21.855	ng/ul#	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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