Quantitation Report (Qedit)

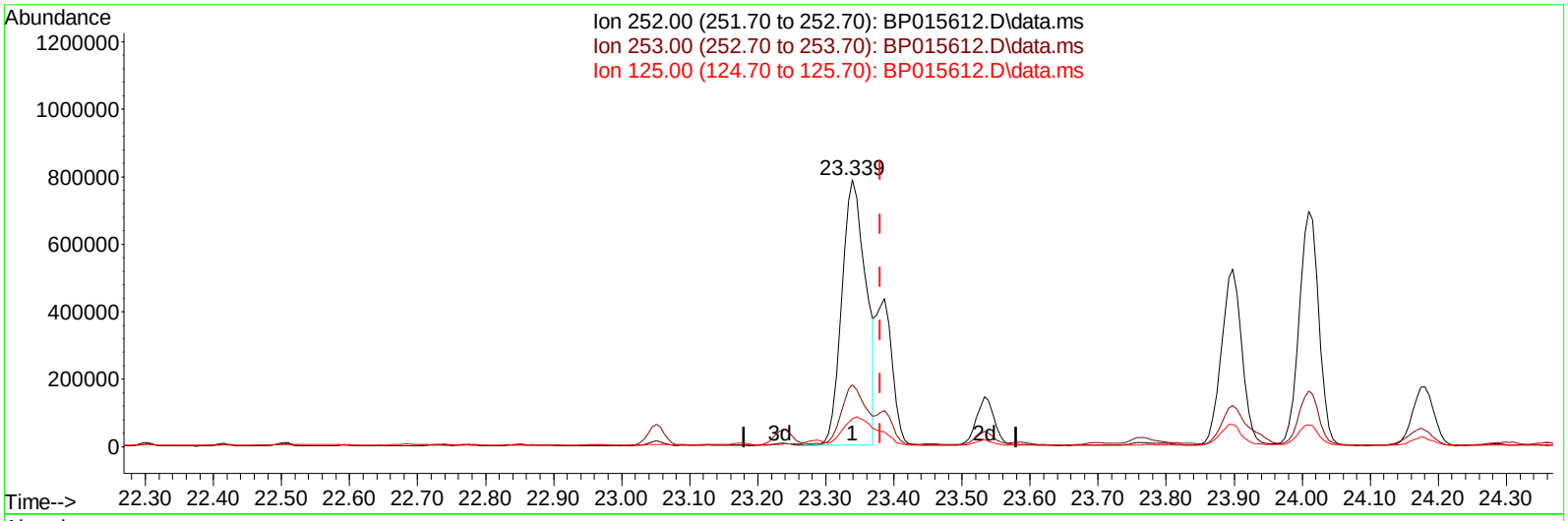
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015612.D
Acq On : 19 Jun 2023 20:02
Operator : MA/JU
Sample : 03080-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

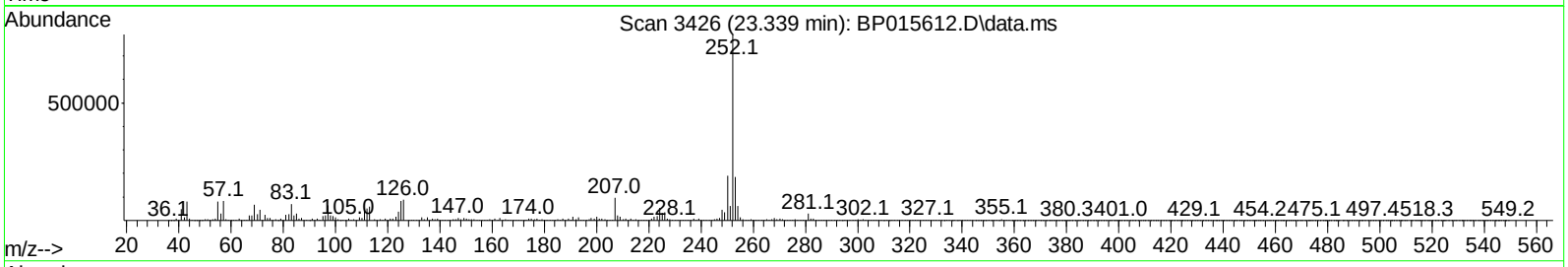
Quant Time: Jun 19 23:42:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

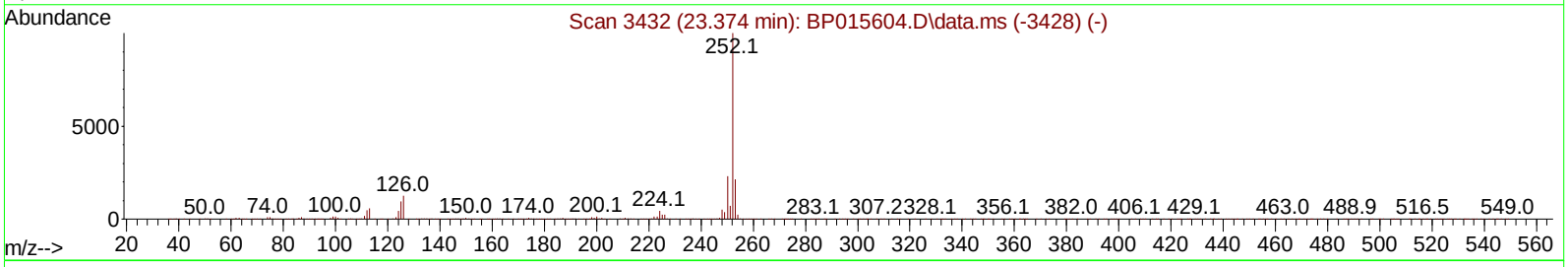
Instrument :
BNA_P
ClientSampleId :
DCFJ7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023







TIC: BP015612.D\data.ms

(91) Benzo(k)fluoranthene

23.339min (-0.041) 44.10 ng/ul

response 1933182

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.32
125.00	9.10	10.50
0.00	0.00	0.00

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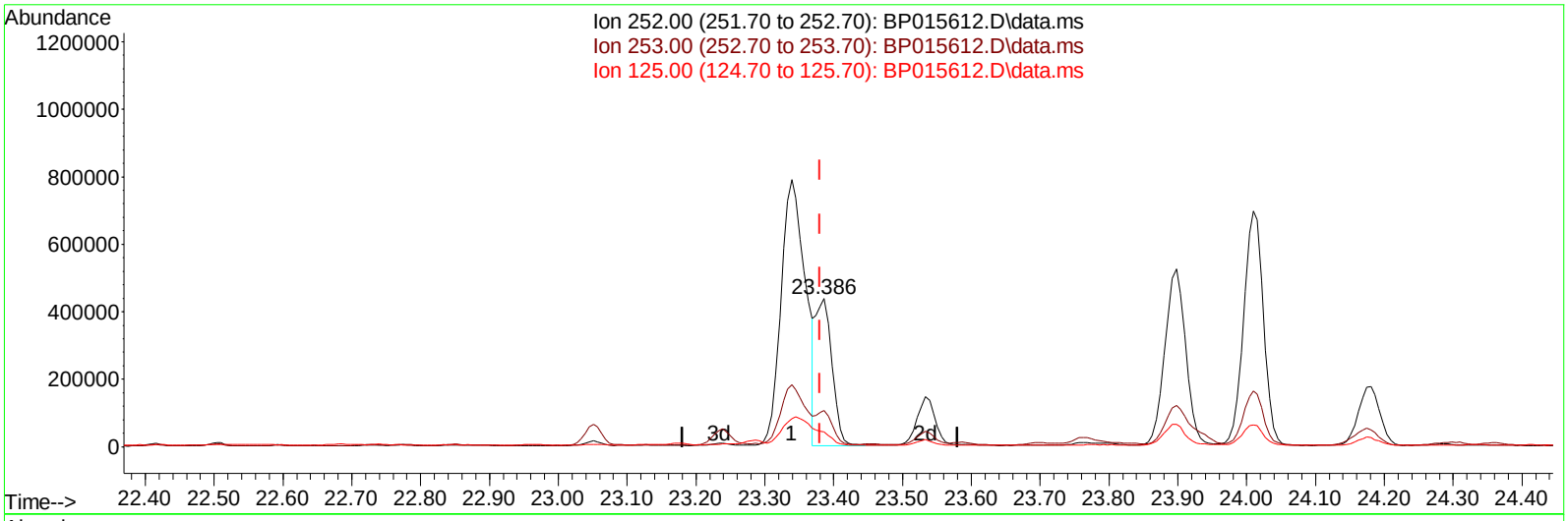

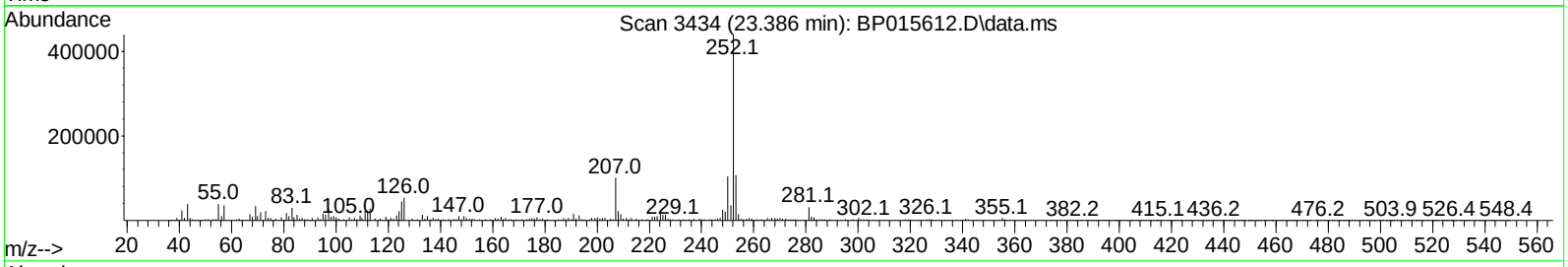

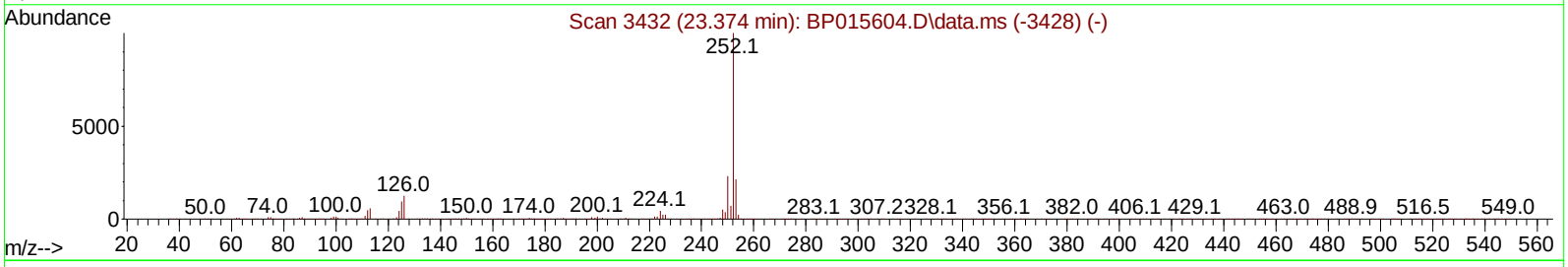

TIC: BP015612.D\data.ms

(91) Benzo(k)fluoranthene

23.386min (+ 0.006) 16.41 ng/ul m

response 719531

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.29
125.00	9.10	10.04
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	8.087	152	139953	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	613513	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	386365	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	850891	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	666586	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	702582	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	12447	3.293	ng/uL	0.00
4) Pyridine-d5	3.852	84	147877	15.063	ng/ul	0.00
7) Phenol-d5	7.246	99	277963	21.559	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	182119	23.651	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	231872	24.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	172179	16.271	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	123658	25.673	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	139720	25.401	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	230820	23.004	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	109814	7.625	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	780981	25.633	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	897646	26.945	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	85738	15.714	ng/ul	0.02
60) Fluorene-d10	15.722	176	662247	25.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	65415	12.135	ng/ul	0.00
73) Anthracene-d10	17.586	188	1024993	26.476	ng/ul	0.00
81) Pyrene-d10	19.810	212	1174827	32.930	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	942842	26.745	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.457	152	65367	1.772	ng/ul	99
72) Phenanthrene	17.528	178	648362	14.199	ng/ul	100
74) Anthracene	17.622	178	149320	3.223	ng/ul	99
80) Fluoranthene	19.486	202	2076393	47.780	ng/ul	98
82) Pyrene	19.839	202	1803202	40.106	ng/ul	97
85) Benzo(a)anthracene	21.551	228	1127817	24.202	ng/ul	98
87) Chrysene	21.610	228	1221862	27.740	ng/ul	96
90) Benzo(b)fluoranthene	23.339	252	1933182	42.626	ng/ul	97
91) Benzo(k)fluoranthene	23.386	252	719531m	16.413	ng/ul	
93) Benzo(a)pyrene	24.010	252	1392640	35.221	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.827	276	1194360	23.340	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.833	278	320453	7.687	ng/ul#	80
96) Benzo(g,h,i)perylene	27.662	276	1176787	27.905	ng/ul	98

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

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