Quantitation Report (Qedit)

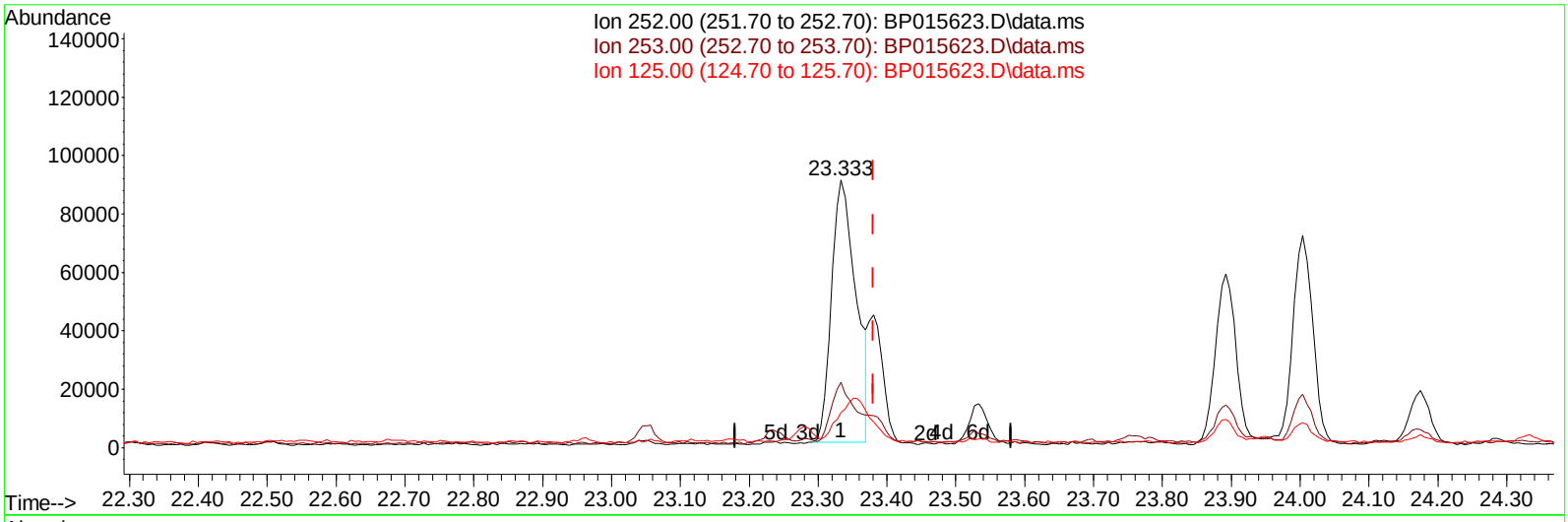
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015623.D
Acq On : 20 Jun 2023 15:55
Operator : MA/JU
Sample : 03080-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

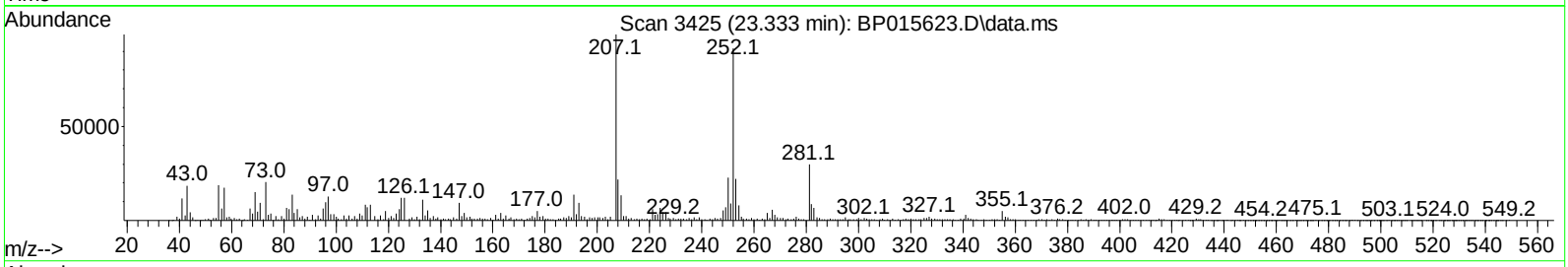
Quant Time: Jun 20 23:04:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

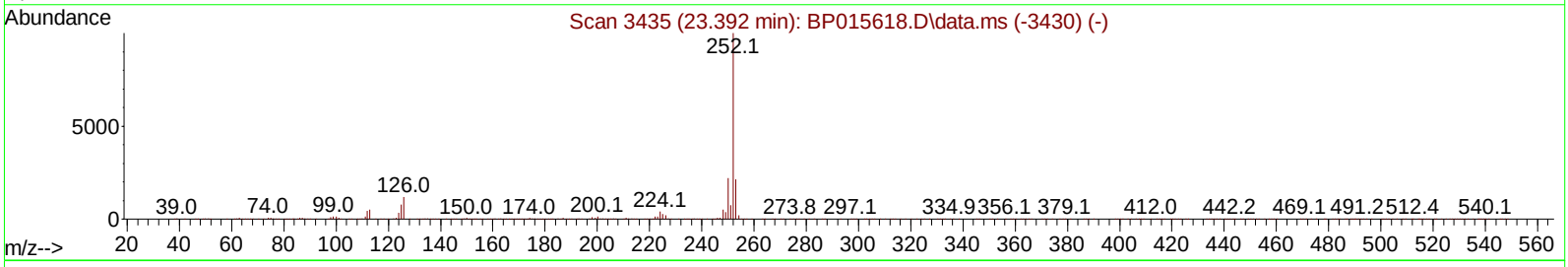
Instrument :
BNA_P
ClientSampleId :
DCFH4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023







TIC: BP015623.D\data.ms

(91) Benzo(k)fluoranthene

23.333min (-0.047) 5.08 ng/ul

response 220872

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.35
125.00	9.10	13.01#
0.00	0.00	0.00

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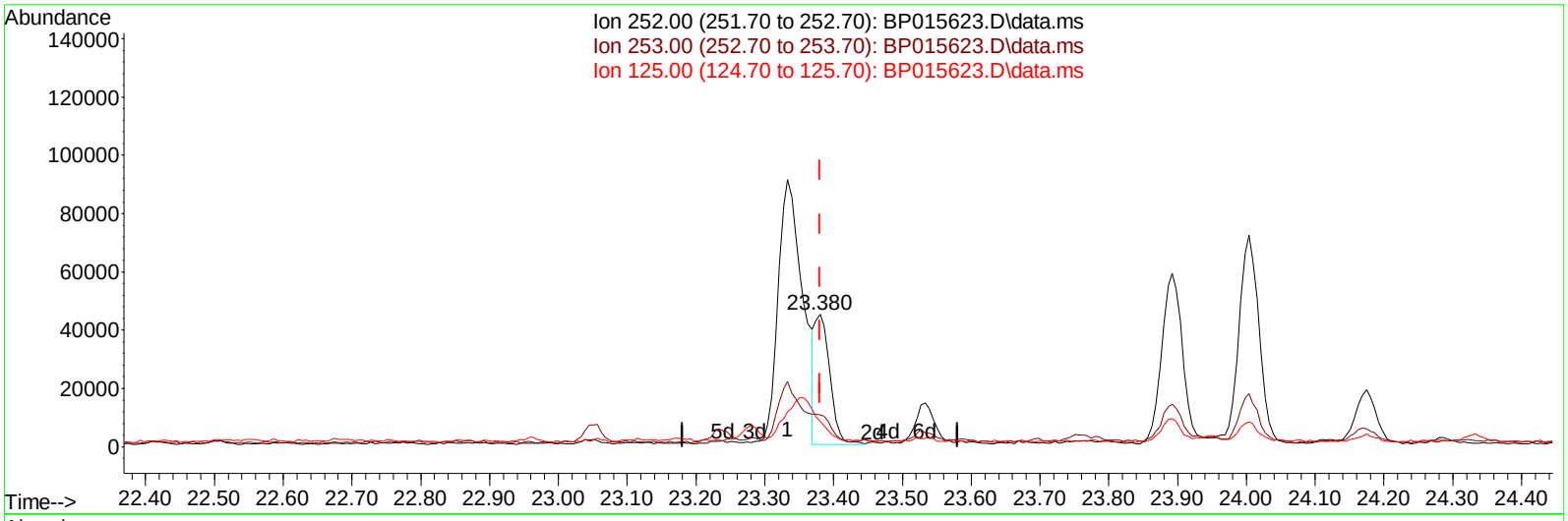

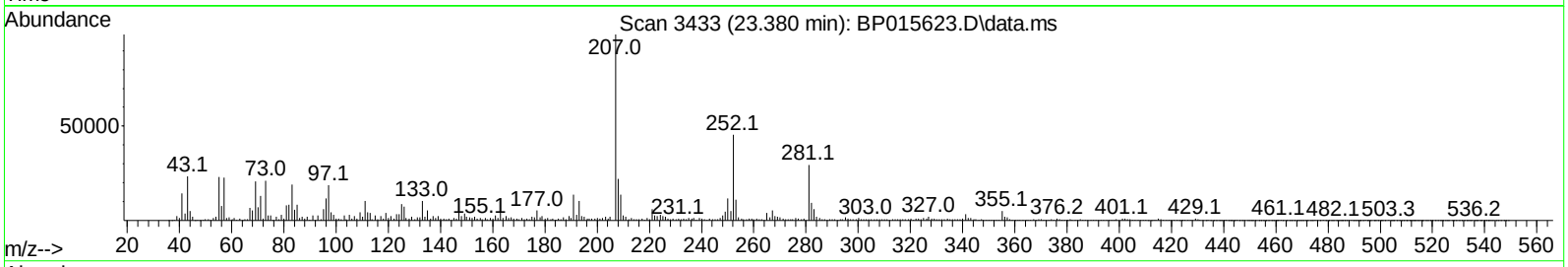

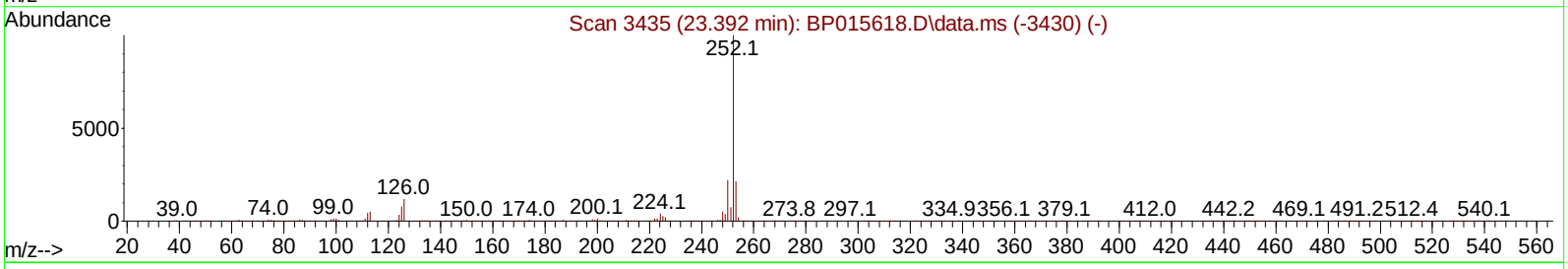

TIC: BP015623.D\data.ms

(91) Benzo(k)fluoranthene

23.380min (+ 0.000) 1.55 ng/ul m

response 67550

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.28
125.00	9.10	19.10#
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	78860	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	356588	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	240441	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.487	188	590971	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	626058	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	696326	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	10249	4.813	ng/uL	0.00
4) Pyridine-d5	3.852	84	105728	19.113	ng/ul	0.00
7) Phenol-d5	7.246	99	204642	28.168	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	127423	29.368	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	162753	30.898	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	148769	24.950	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	85942	30.698	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	100181	31.335	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	168222	28.845	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	175518	20.967	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	603018	31.804	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	687996	33.185	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	84728	24.954	ng/ul	0.02
60) Fluorene-d10	15.722	176	526684	32.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	80451	21.489	ng/ul	0.00
73) Anthracene-d10	17.587	188	866450	32.224	ng/ul	0.00
81) Pyrene-d10	19.810	212	1186164	35.400	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1192397	34.128	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.528	178	56297	1.775	ng/ul	96
80) Fluoranthene	19.486	202	208842	5.117	ng/ul	99
82) Pyrene	19.839	202	186313	4.412	ng/ul	99
85) Benzo(a)anthracene	21.551	228	115196	2.632	ng/ul	98
87) Chrysene	21.604	228	140446	3.395	ng/ul	97
90) Benzo(b)fluoranthene	23.333	252	220872	4.914	ng/ul#	93
91) Benzo(k)fluoranthene	23.380	252	67550m	1.555	ng/ul	
93) Benzo(a)pyrene	24.004	252	146223	3.731	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.815	276	111935	2.207	ng/ul	99
96) Benzo(g,h,i)perylene	27.657	276	113018	2.704	ng/ul#	95

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

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