Quantitation Report (Qedit)

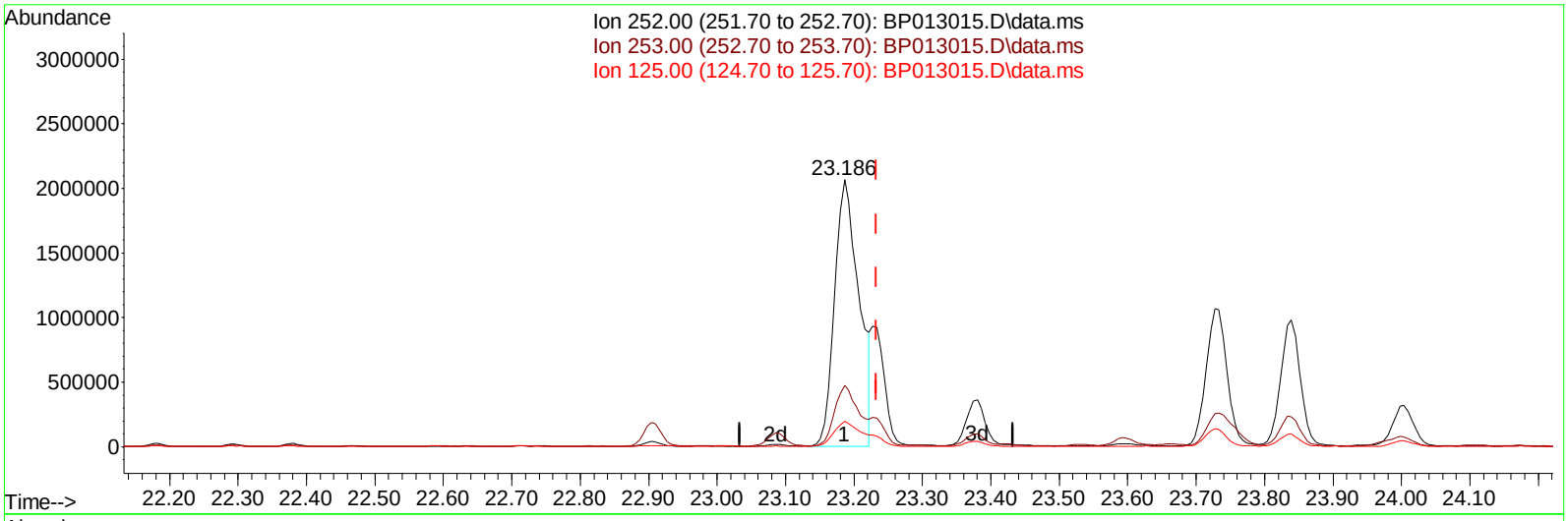
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013015.D
Acq On : 09 Dec 2022 13:24
Operator : CG/JU
Sample : N5896-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

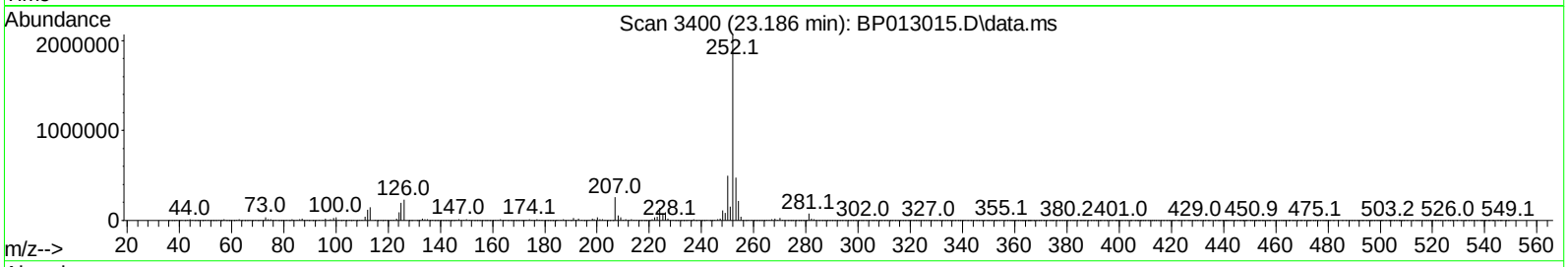
Quant Time: Dec 09 21:52:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

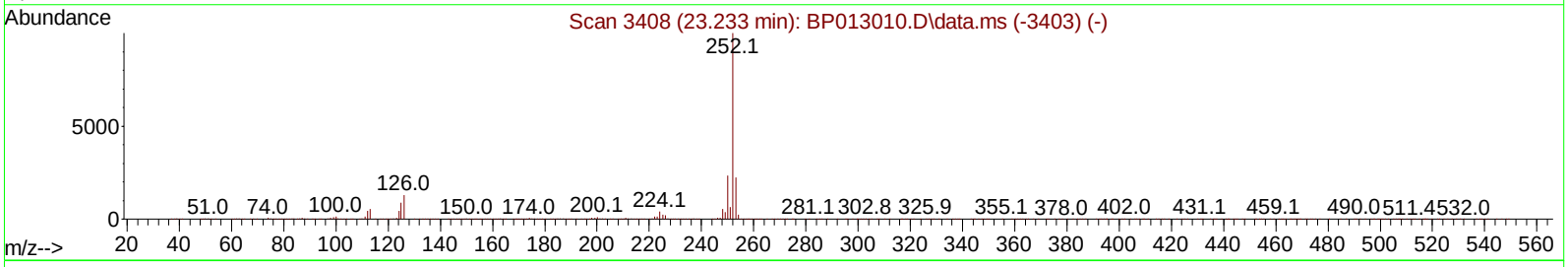
Instrument :
BNA_P
ClientSampleId :
DBXM0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BP013015.D\data.ms

(91) Benzo(k)fluoranthene

23.186min (-0.047) 23.09 ng/ul

response 5109982

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.95
125.00	8.50	9.55
0.00	0.00	0.00

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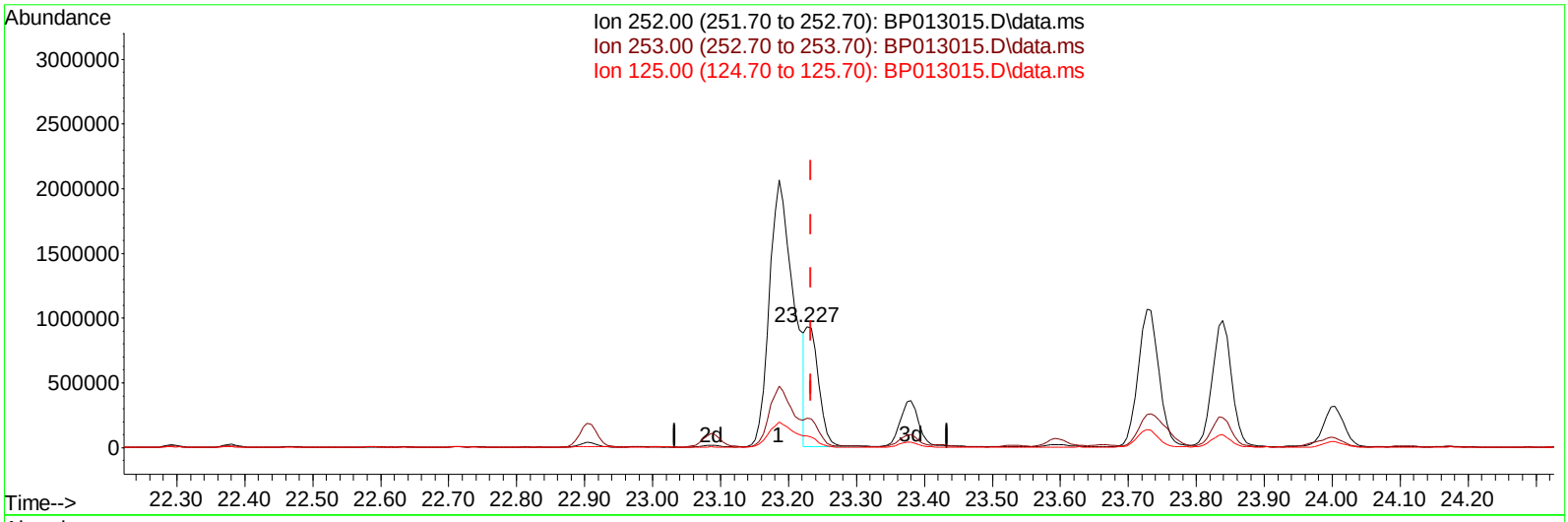

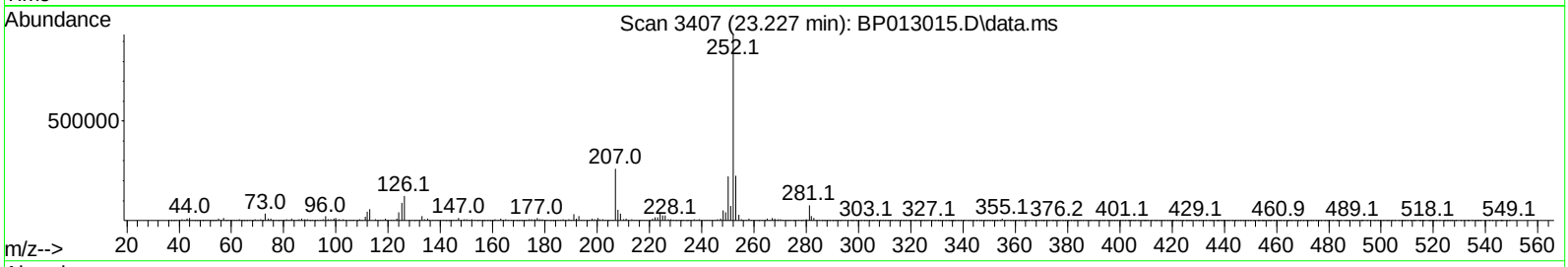

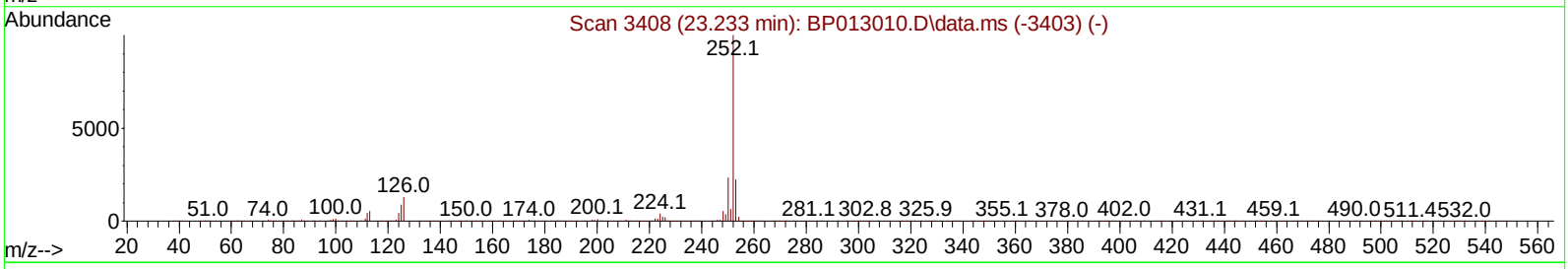

TIC: BP013015.D\data.ms

(91) Benzo(k)fluoranthene

23.227min (-0.006) 5.65 ng/ul m

response 1250460

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.04
125.00	8.50	9.54
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	7.975	152	589349	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2575482	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1688051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3808246	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3535945	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	3499630	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	51957	3.769	ng/uL	0.00
4) Pyridine-d5	3.781	84	517411	13.214	ng/ul	0.00
7) Phenol-d5	7.128	99	1113259	23.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	692186	23.903	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	898859	23.786	ng/ul	-0.01
15) 4-Methylphenol-d8	8.675	113	923336	23.475	ng/ul	-0.01
21) Nitrobenzene-d5	9.140	128	448633	23.709	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	508342	23.862	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	971004	23.466	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1071117	18.336	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	3137113	24.181	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	3467331	24.323	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	376508	16.134	ng/ul	-0.01
60) Fluorene-d10	15.604	176	2765704	25.199	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	439214	17.922	ng/ul	0.00
73) Anthracene-d10	17.469	188	4388256	25.542	ng/ul	0.00
81) Pyrene-d10	19.698	212	5226809	25.753	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	4511883	25.866	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.840	128	634881	4.713	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	173597	1.879	ng/ul	98
50) Acenaphthylene	14.334	152	360190	2.350	ng/ul	98
52) Acenaphthene	14.675	153	179232	1.688	ng/ul	100
71) Pentachlorophenol	17.016	266	39209	1.318	ng/ul	95
72) Phenanthrene	17.410	178	2101099	10.593	ng/ul	100
74) Anthracene	17.504	178	2209953	11.158	ng/ul	100
80) Fluoranthene	19.375	202	4940801	21.448	ng/ul	100
82) Pyrene	19.728	202	4666146	19.637	ng/ul	99
85) Benzo(a)anthracene	21.439	228	2185192	9.309	ng/ul	99
87) Chrysene	21.492	228	2805239	12.637	ng/ul	98
90) Benzo(b)fluoranthene	23.186	252	5109982	22.898	ng/ul	98
91) Benzo(k)fluoranthene	23.227	252	1250460m	5.651	ng/ul	
93) Benzo(a)pyrene	23.839	252	1938144	9.974	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.551	276	1952206	8.066	ng/ul	97
95) Dibenzo(a,h)anthracene	26.551	278	471036	2.350	ng/ul#	86
96) Benzo(g,h,i)perylene	27.351	276	1594618	8.206	ng/ul	100

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

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