Quantitation Report (Qedit)

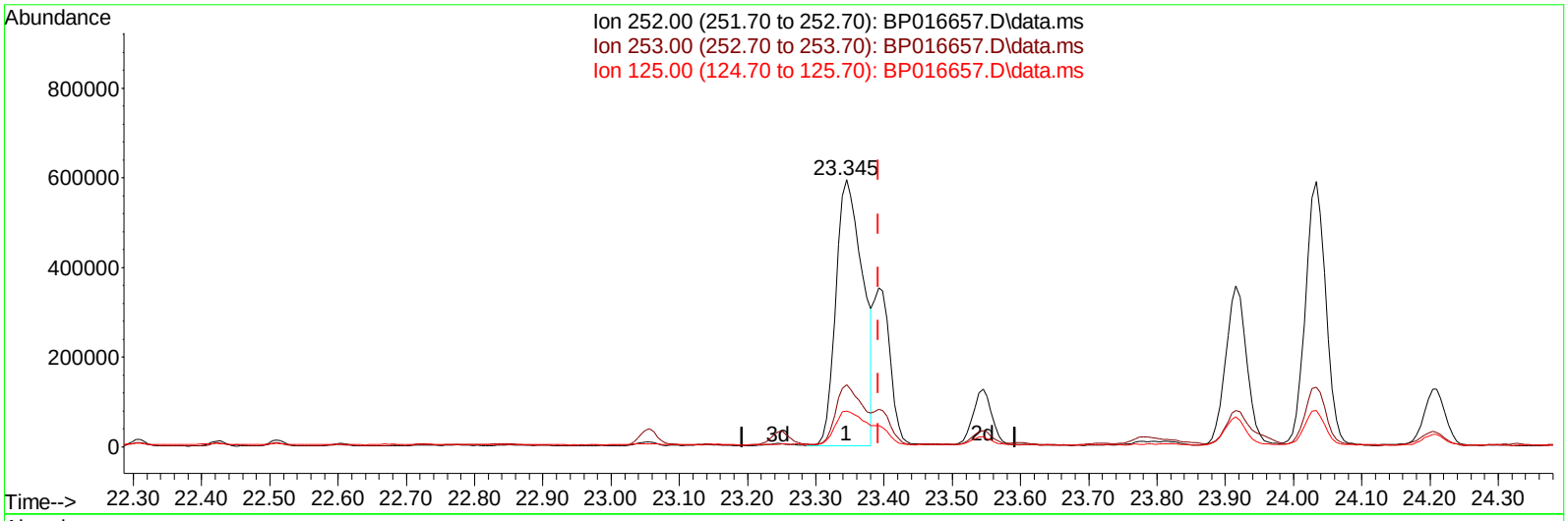
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

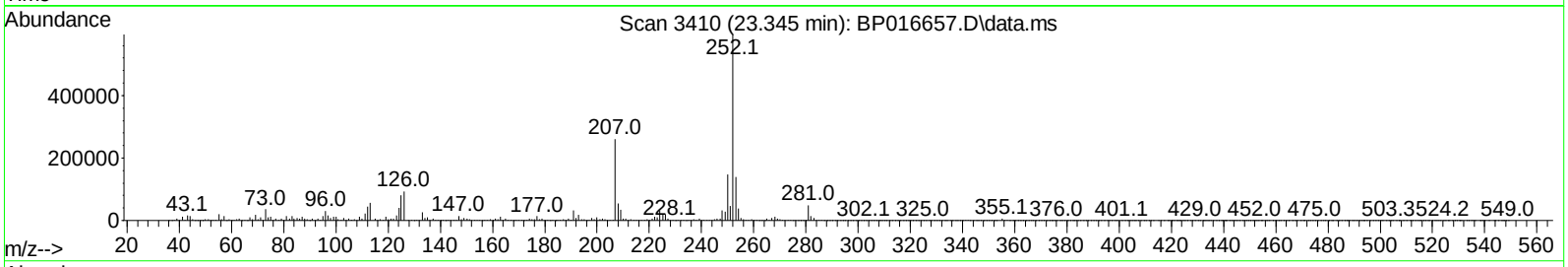
Quant Time: Aug 19 02:05:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

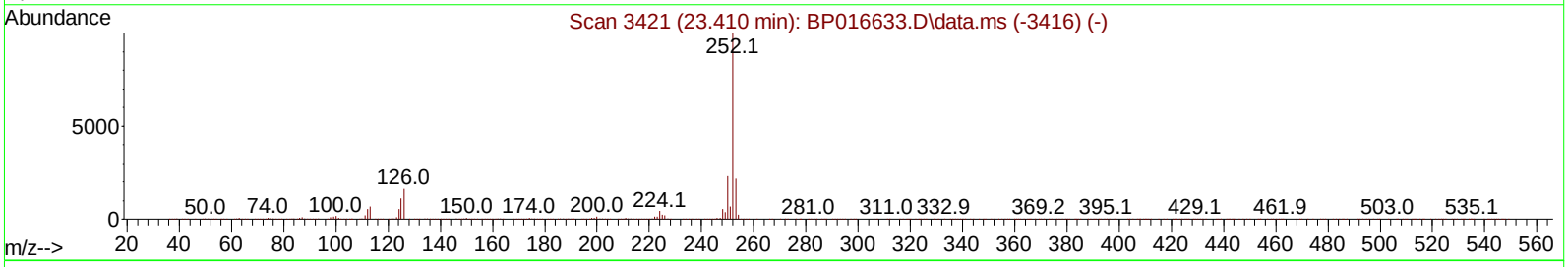
Instrument :
BNA_P
ClientSampleId :
A48Q2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023







TIC: BP016657.D\data.ms

(91) Benzo(k)fluoranthene

23.345min (-0.047) 23.61 ng/ul

response 1632207

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	23.29
125.00	12.30	13.42
0.00	0.00	0.00

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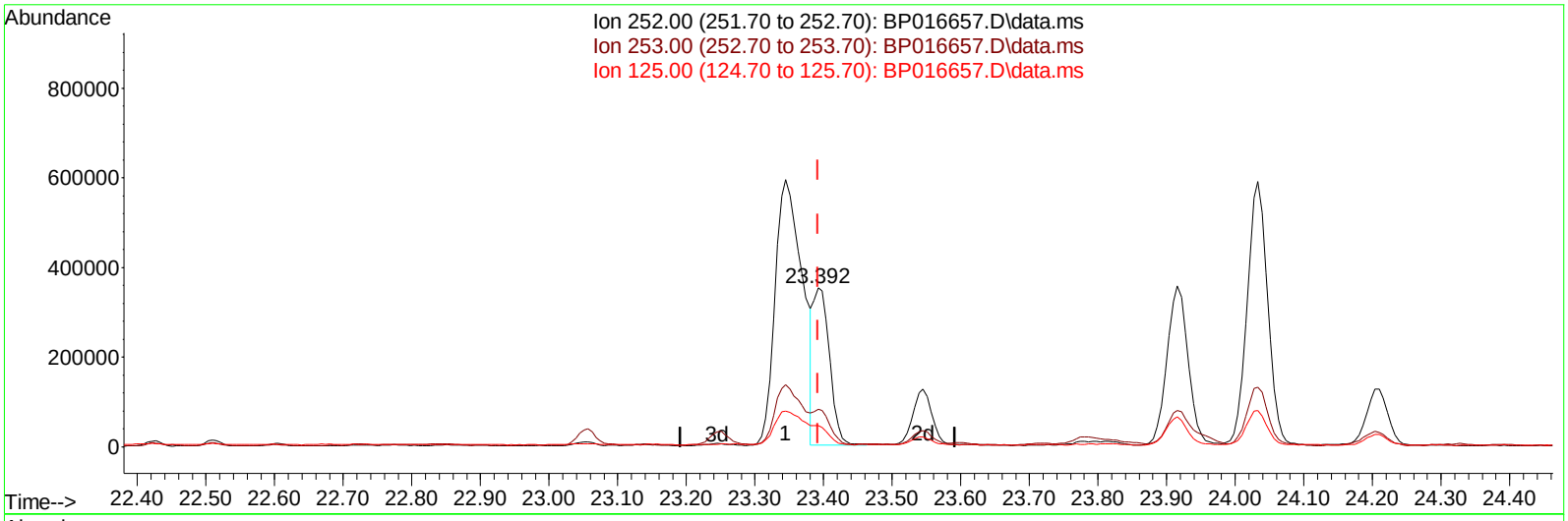

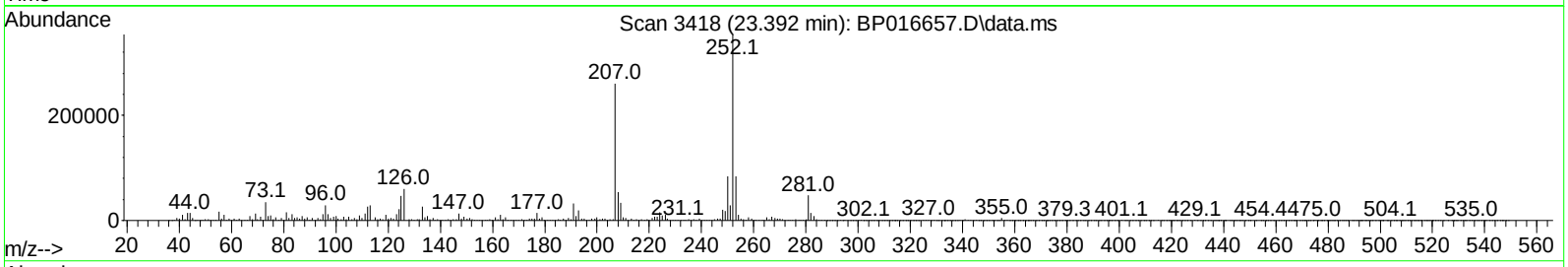

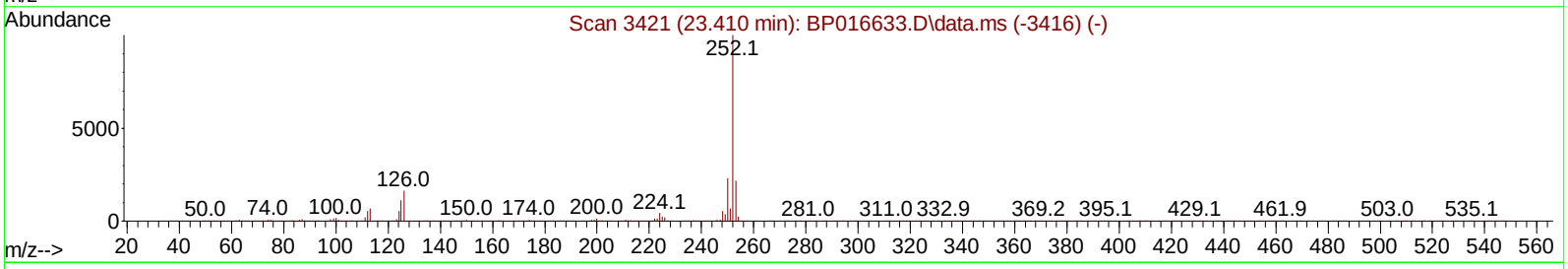

TIC: BP016657.D\data.ms

(91) Benzo(k)fluoranthene

23.392min (-0.000) 8.46 ng/ul m

response 584832

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	23.60
125.00	12.30	13.15
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	8.052	152	288408	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1304164	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	792711	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1728007	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1348301	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1170152	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	54213	7.143	ng/uL	0.00
4) Pyridine-d5	3.828	84	507375	21.972	ng/ul	0.00
7) Phenol-d5	7.187	99	822633	30.939	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	517852	29.570	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	591206	30.957	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	640516	30.296	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	306413	33.391	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	316448	36.308	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	569075	33.178	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	739465	25.127	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1844634	32.172	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	2142183	33.101	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	286079	24.493	ng/ul	0.00
60) Fluorene-d10	15.692	176	1639902	33.550	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	178951	21.768	ng/ul	0.00
73) Anthracene-d10	17.569	188	2471493	33.066	ng/ul	0.00
81) Pyrene-d10	19.798	212	2822705	39.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1968890	35.110	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.216	94	30975	1.090	ng/ul#	89
16) Acetophenone	8.899	105	217352	6.366	ng/ul	99
30) Naphthalene	10.934	128	316250	4.641	ng/ul	99
36) 2-Methylnaphthalene	12.528	142	140395	3.076	ng/ul	99
37) 1-Methylnaphthalene	12.751	142	104185	2.267	ng/ul	98
52) Acenaphthene	14.763	153	546853	10.719	ng/ul	98
56) Dibenzofuran	15.098	168	470546	6.760	ng/ul	100
61) Fluorene	15.751	166	544156	9.534	ng/ul	99
72) Phenanthrene	17.516	178	6014442	66.065	ng/ul	99
74) Anthracene	17.604	178	1587040	17.355	ng/ul	99
77) Carbazole	17.881	167	754442	8.953	ng/ul	99
80) Fluoranthene	19.475	202	5562112	65.965	ng/ul	100
82) Pyrene	19.827	202	5012456	56.296	ng/ul	100
85) Benzo(a)anthracene	21.545	228	2140648	23.624	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	97119	1.866	ng/ul	100
87) Chrysene	21.604	228	1915377	22.589	ng/ul	97
90) Benzo(b)fluoranthene	23.345	252	1632207	23.426	ng/ul	97
91) Benzo(k)fluoranthene	23.392	252	584832m	8.461	ng/ul	
93) Benzo(a)pyrene	24.033	252	1222081	18.594	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	588832	7.591	ng/ul	96
95) Dibenzo(a,h)anthracene	26.904	278	166599	2.581	ng/ul#	74
96) Benzo(g,h,i)perylene	27.745	276	537251	8.702	ng/ul	99

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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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