Quantitation Report (Qedit)

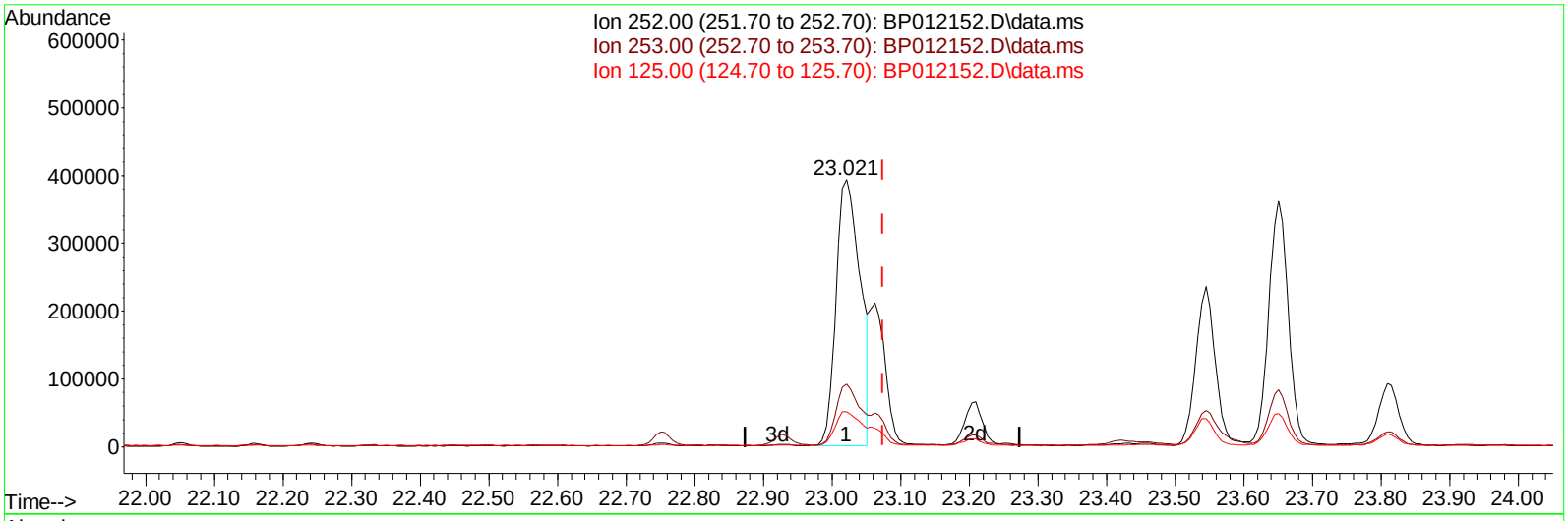
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012152.D
Acq On : 14 Oct 2022 23:53
Operator : CG/JU
Sample : N4984-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

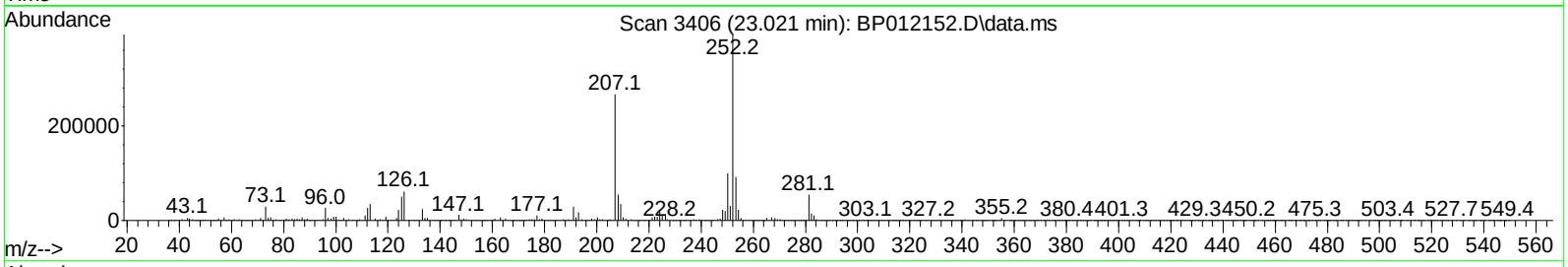
Quant Time: Oct 15 02:19:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

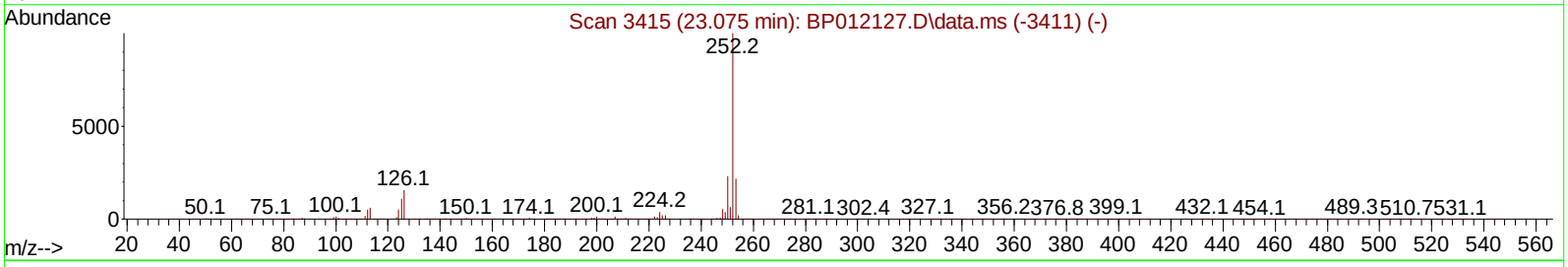
Instrument :
BNA_P
ClientSampleId :
BGNB4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022







TIC: BP012152.D\data.ms

(91) Benzo(k)fluoranthene

23.021min (-0.053) 11.55 ng/ul

response 960852

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.55
125.00	10.20	13.00#
0.00	0.00	0.00

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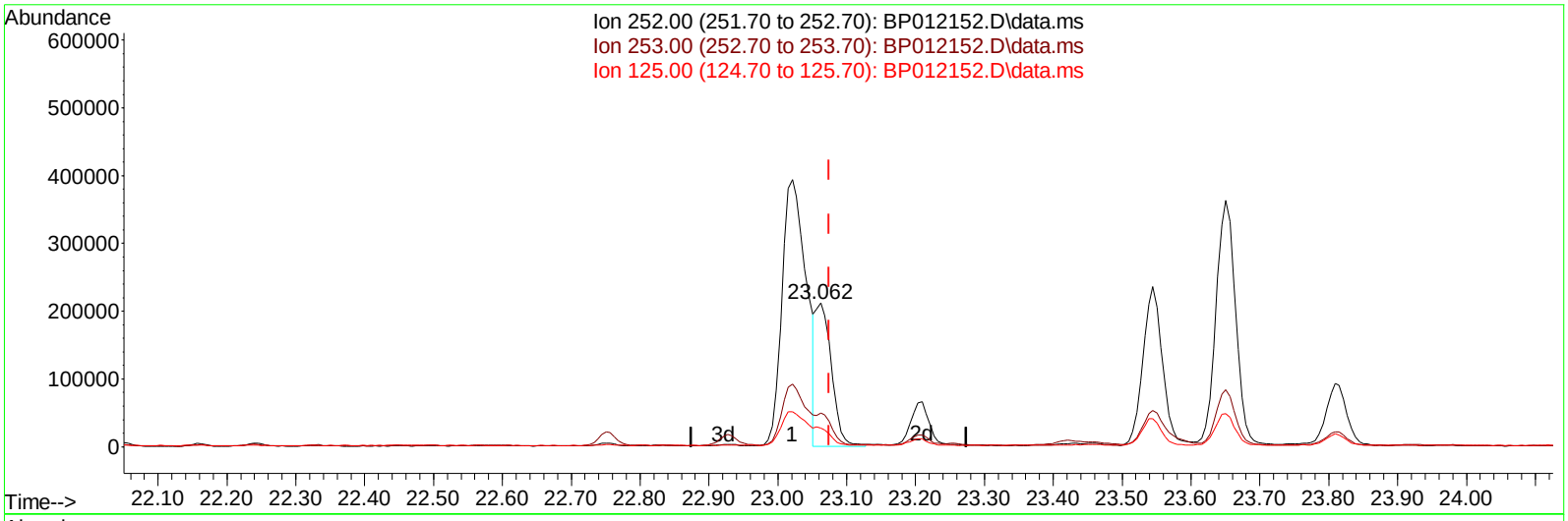

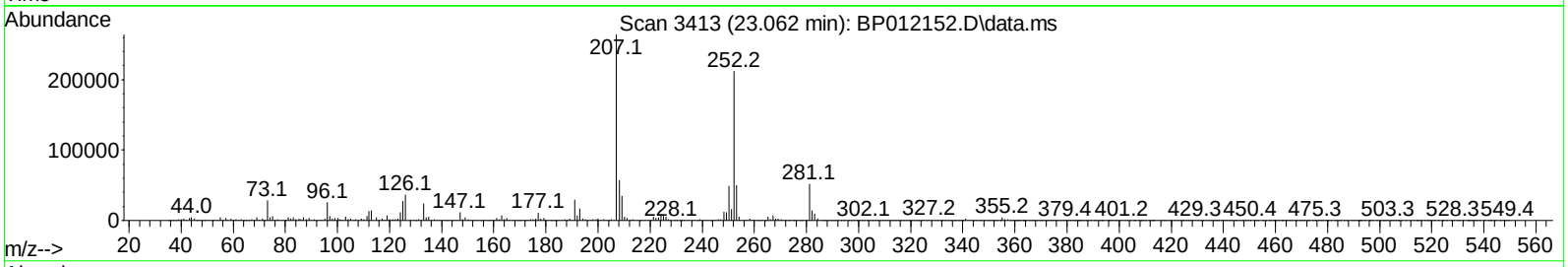

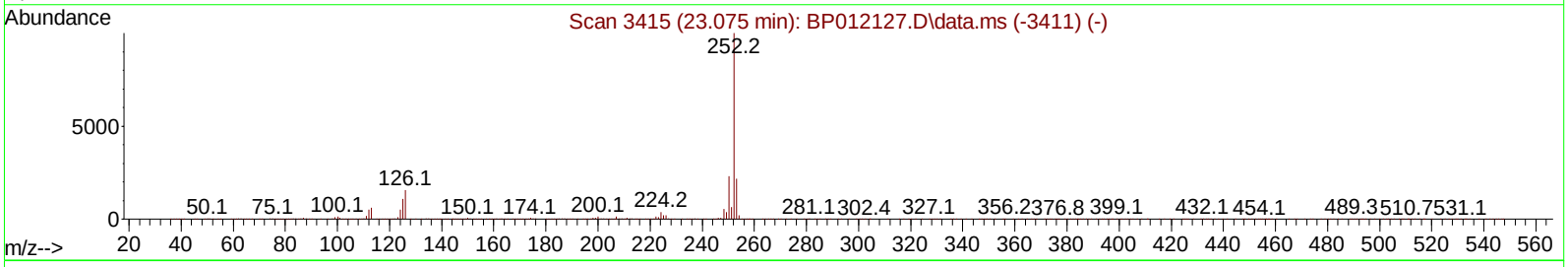

TIC: BP012152.D\data.ms

(91) Benzo(k)fluoranthene

23.062min (-0.012) 4.07 ng/ul m

response 338967

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.58
125.00	10.20	12.94#
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	7.840	152	241584	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.645	136	988676	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.492	164	551268	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1178082	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1266958	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1336601	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	14559	2.376	ng/uL	0.00
4) Pyridine-d5	3.705	84	49482	3.037	ng/ul	0.00
7) Phenol-d5	7.010	99	566073	29.135	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	330468	29.965	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.369	132	445491	28.885	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	428656	28.723	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	209002	29.932	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.734	143	207268	29.275	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.269	165	382148	27.850	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.792	131	399154	19.740	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	1071278	30.684	ng/ul	-0.01
49) Acenaphthylene-d8	14.186	160	1333148	30.880	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	164962	24.068	ng/ul	0.00
60) Fluorene-d10	15.486	176	1030983	32.639	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.610	200	68948	11.084	ng/ul	-0.01
73) Anthracene-d10	17.351	188	1668967	32.625	ng/ul	0.00
81) Pyrene-d10	19.586	212	2106949	32.461	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.604	264	2187204	33.662	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.040	94	29808	1.461	ng/ul#	92
47) Dimethylphthalate	13.951	163	49456	1.345	ng/ul	99
52) Acenaphthene	14.557	153	73497	2.113	ng/ul	96
56) Dibenzofuran	14.892	168	67037	1.426	ng/ul	97
61) Fluorene	15.539	166	62030	1.681	ng/ul	98
72) Phenanthrene	17.292	178	1157567	18.068	ng/ul	100
74) Anthracene	17.386	178	174363	2.750	ng/ul	99
77) Carbazole	17.663	167	85830	1.518	ng/ul	99
80) Fluoranthene	19.263	202	1550172	19.491	ng/ul	97
82) Pyrene	19.615	202	1394109	16.563	ng/ul	95
85) Benzo(a)anthracene	21.327	228	788444	9.887	ng/ul	99
87) Chrysene	21.380	228	715800	9.325	ng/ul	98
90) Benzo(b)fluoranthene	23.021	252	960852	11.357	ng/ul#	95
91) Benzo(k)fluoranthene	23.062	252	338967m	4.073	ng/ul	
93) Benzo(a)pyrene	23.651	252	709805	9.404	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.256	276	447378	4.688	ng/ul	97
95) Dibenzo(a,h)anthracene	26.274	278	108655	1.269	ng/ul#	83
96) Benzo(g,h,i)perylene	27.033	276	339777	3.949	ng/ul#	95

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

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