Quantitation Report (Qedit)

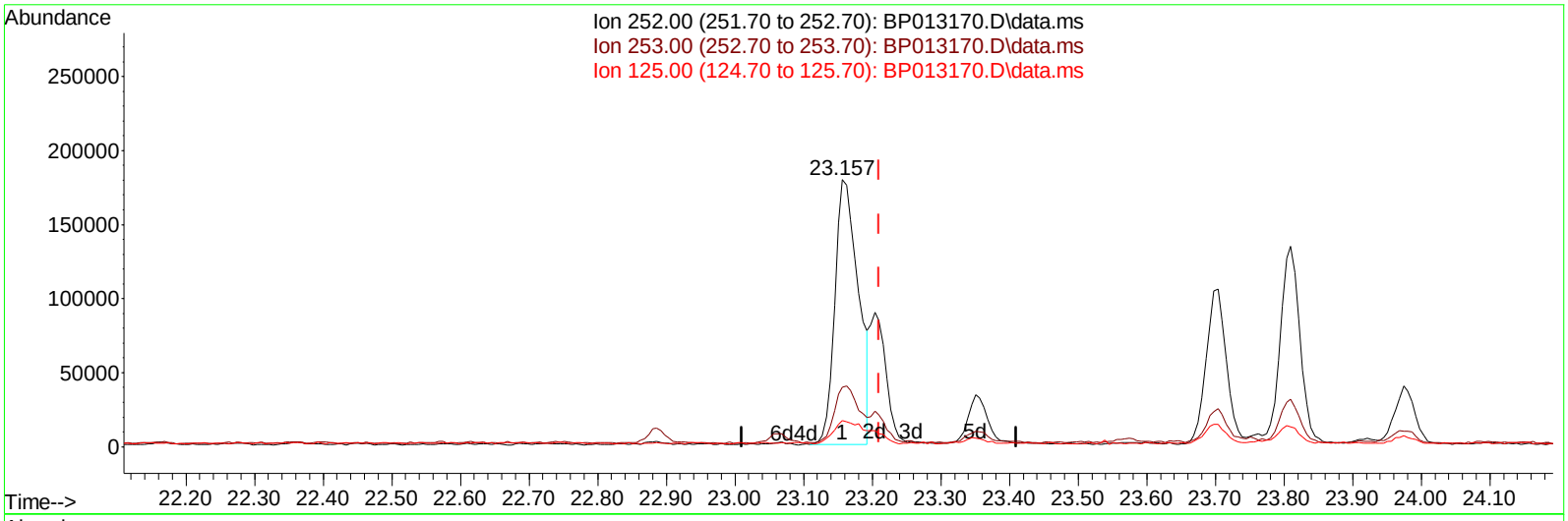
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013170.D
Acq On : 20 Dec 2022 17:04
Operator : CG/JU
Sample : N6009-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

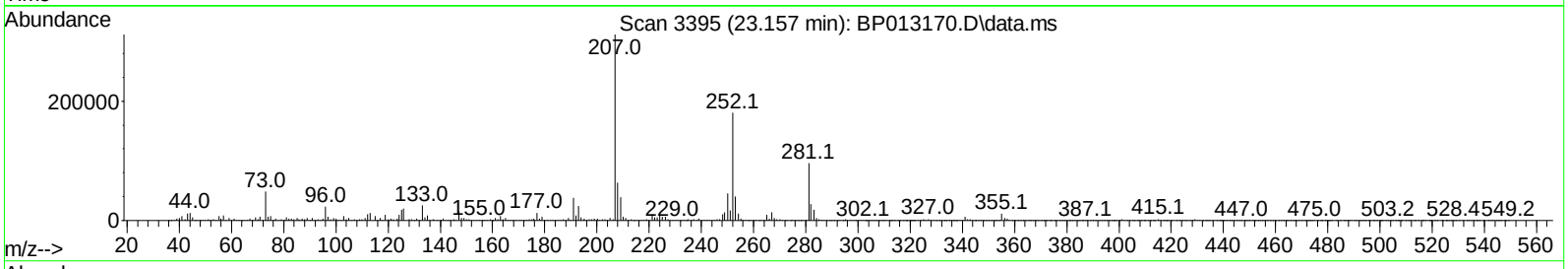
Quant Time: Dec 20 21:47:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

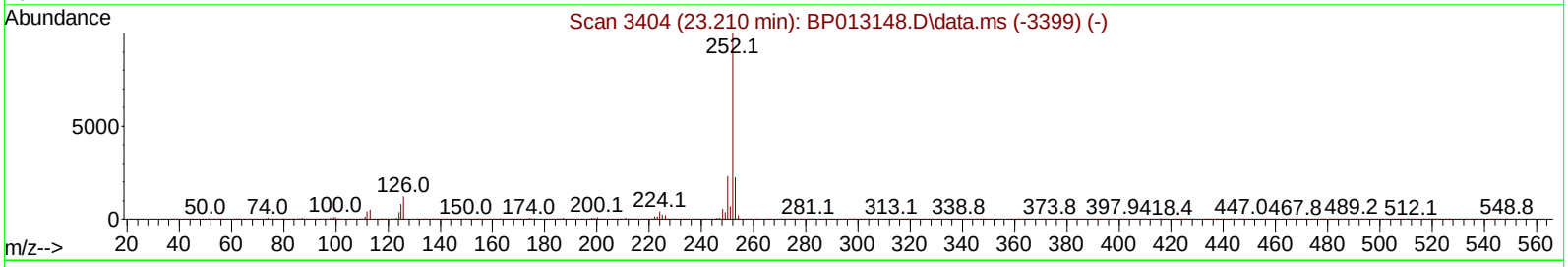
Instrument :
BNA_P
ClientSampleId :
DBYG7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2022
Supervised By :mohammad ahmed 12/21/2022







TIC: BP013170.D\data.ms

(91) Benzo(k)fluoranthene

23.157min (-0.053) 3.29 ng/ul

response 424952

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.19
125.00	8.50	9.81
0.00	0.00	0.00

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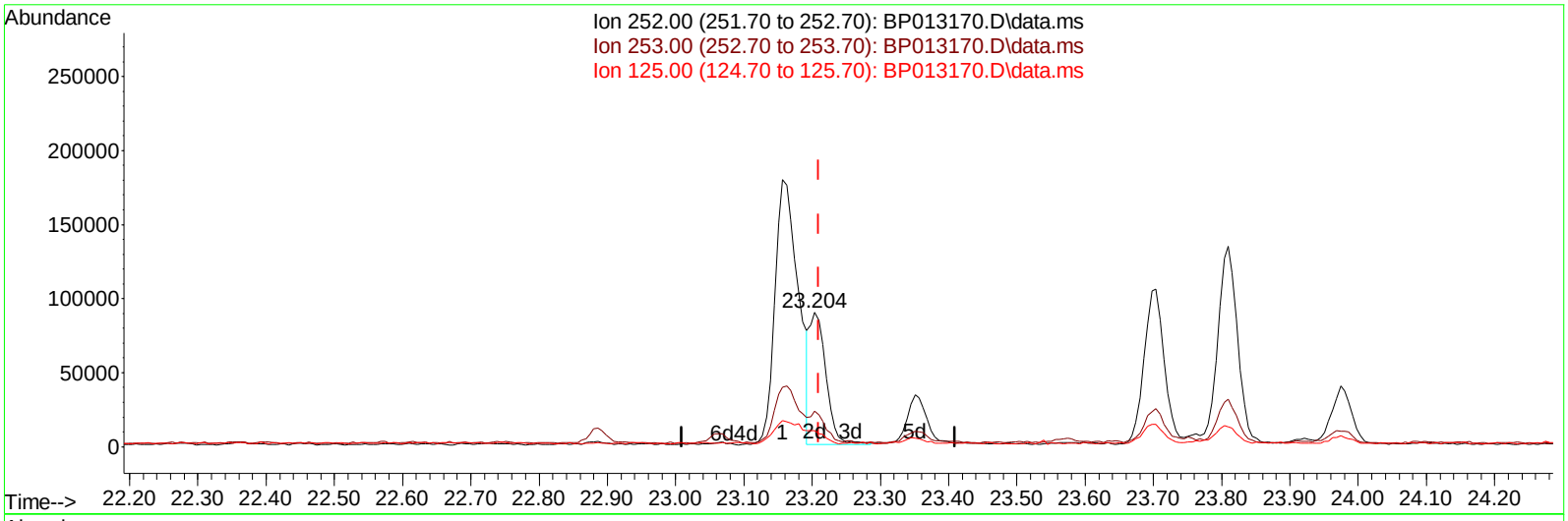

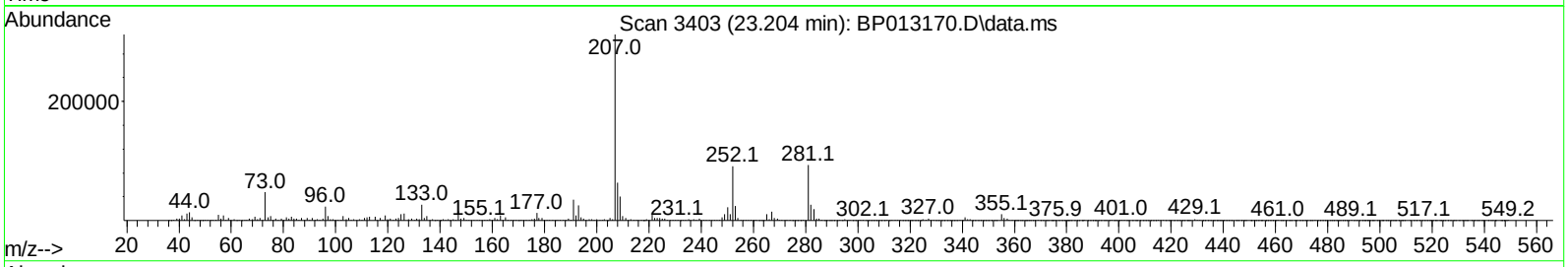

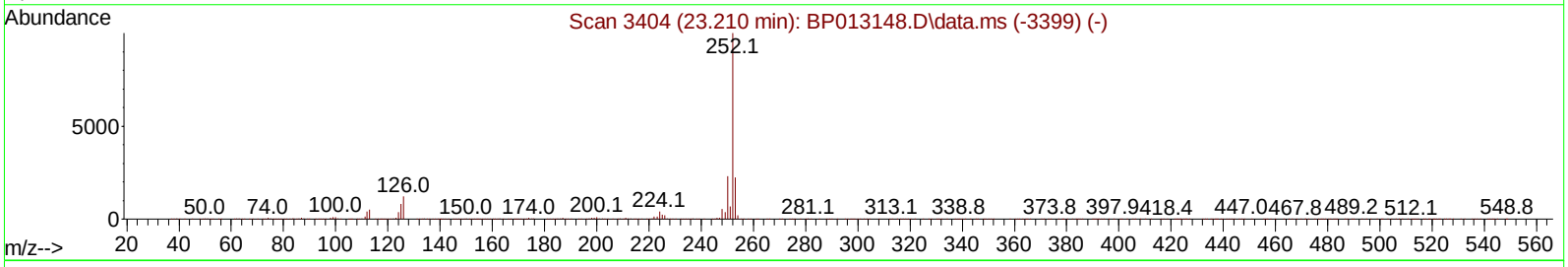

TIC: BP013170.D\data.ms

(91) Benzo(k)fluoranthene

23.204min (-0.006) 1.13 ng/ul m

response 146538

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	26.36
125.00	8.50	11.95#
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	7.957	152	475421	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1970758	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	1222638	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	2444438	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1738739	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	2043636	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	59197	5.324	ng/uL	0.00
4) Pyridine-d5	3.769	84	376060	11.906	ng/ul	0.00
7) Phenol-d5	7.116	99	1279687	33.046	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	808189	34.597	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	1031743	33.845	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	930244	29.318	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	524177	36.201	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	607160	37.246	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	1059935	33.475	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	1028794	23.016	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	3397972	36.162	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	3810466	36.904	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	421266	24.923	ng/ul	0.00
60) Fluorene-d10	15.592	176	2879922	36.228	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	500514	31.818	ng/ul	0.00
73) Anthracene-d10	17.451	188	4028564	36.530	ng/ul	0.00
81) Pyrene-d10	19.686	212	4316358	43.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	3881797	38.108	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.392	178	149844	1.177	ng/ul	98
80) Fluoranthene	19.357	202	428320	3.781	ng/ul	98
82) Pyrene	19.710	202	348393	2.982	ng/ul	99
85) Benzo(a)anthracene	21.421	228	255843	2.217	ng/ul	96
87) Chrysene	21.474	228	261924	2.400	ng/ul	98
90) Benzo(b)fluoranthene	23.157	252	424952	3.261	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	146538m	1.134	ng/ul	
93) Benzo(a)pyrene	23.810	252	264063	2.327	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.503	276	231745	1.640	ng/ul#	95
96) Benzo(g,h,i)perylene	27.303	276	209844	1.849	ng/ul	96

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

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