Quantitation Report (Qedit)

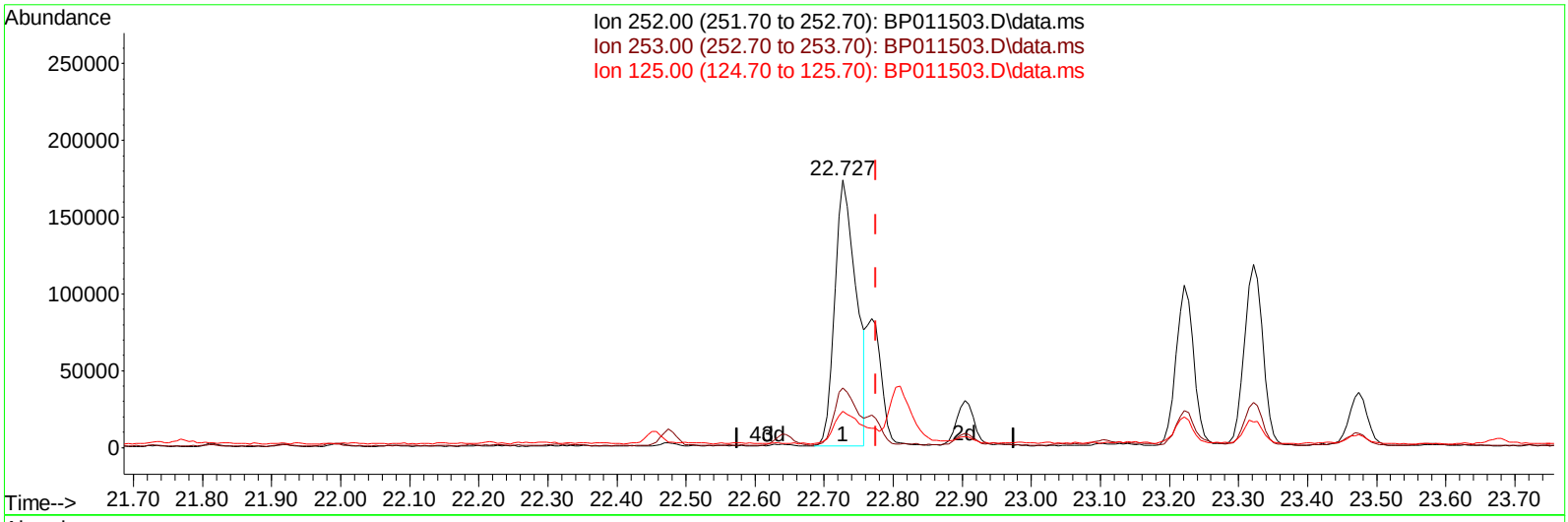
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011503.D
Acq On : 19 Aug 2022 11:49
Operator : CG/JU
Sample : N4210-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

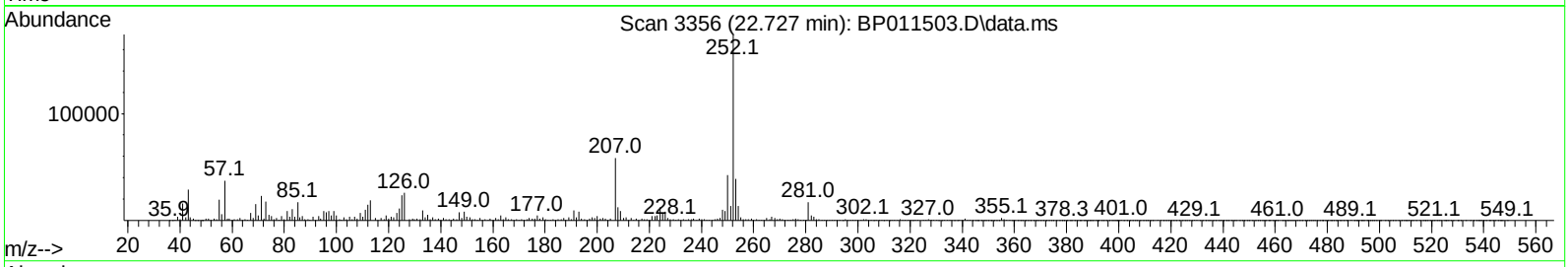
Quant Time: Aug 20 04:34:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

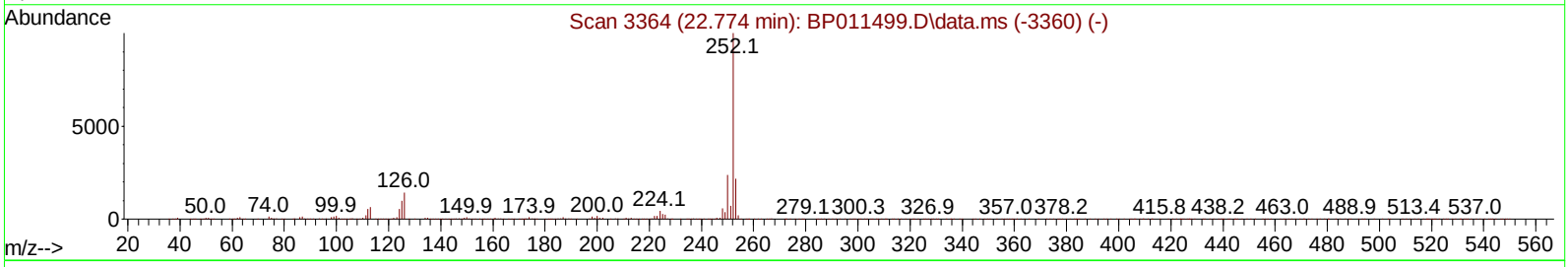
Instrument :
BNA_P
ClientSampleId :
BGC53

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022







TIC: BP011503.D\data.ms

(91) Benzo(k)fluoranthene

22.727min (-0.047) 13.51 ng/ul

response 372027

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.34
125.00	12.30	13.47
0.00	0.00	0.00

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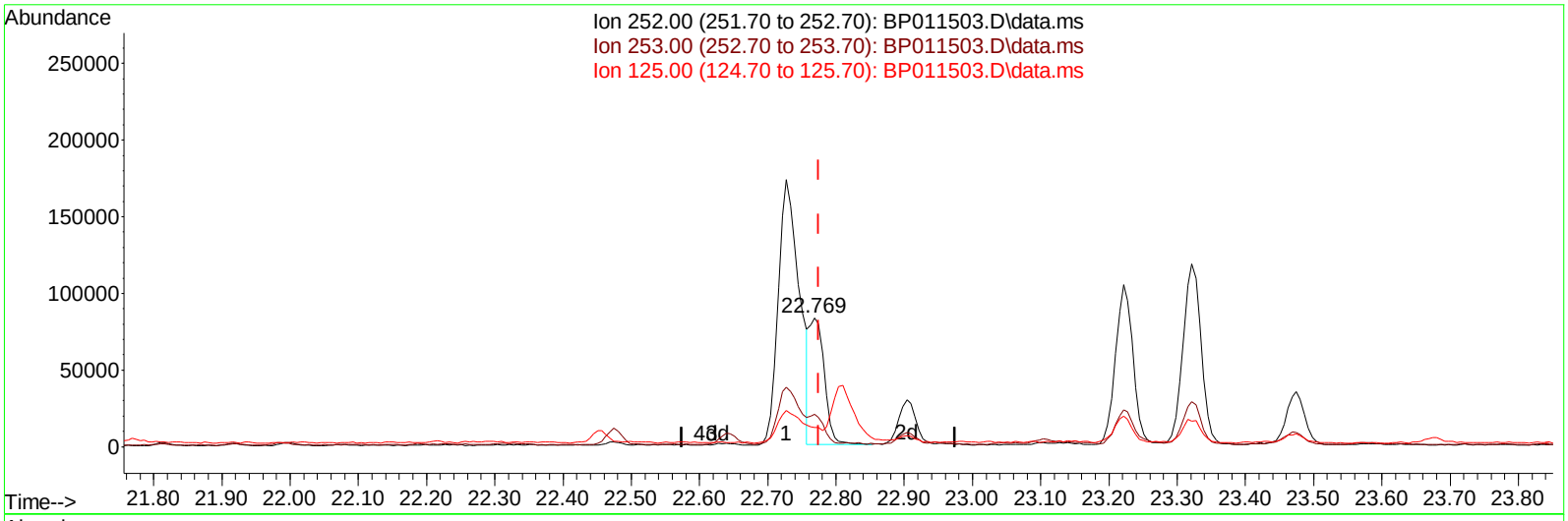

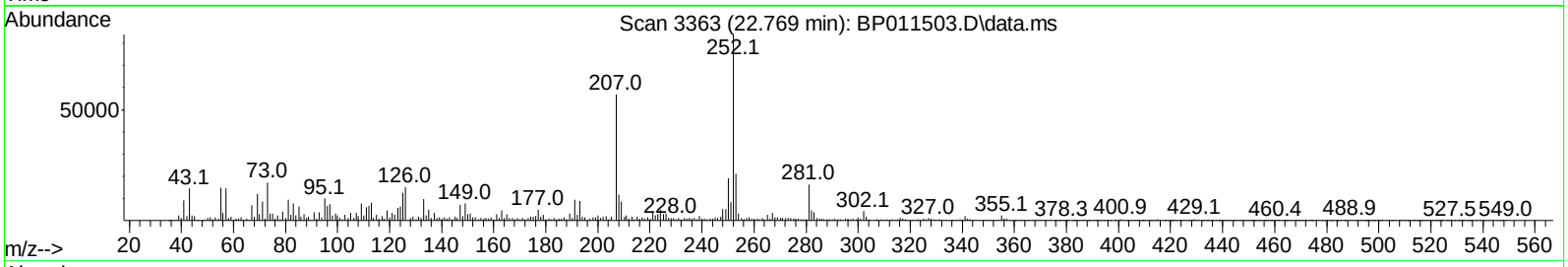

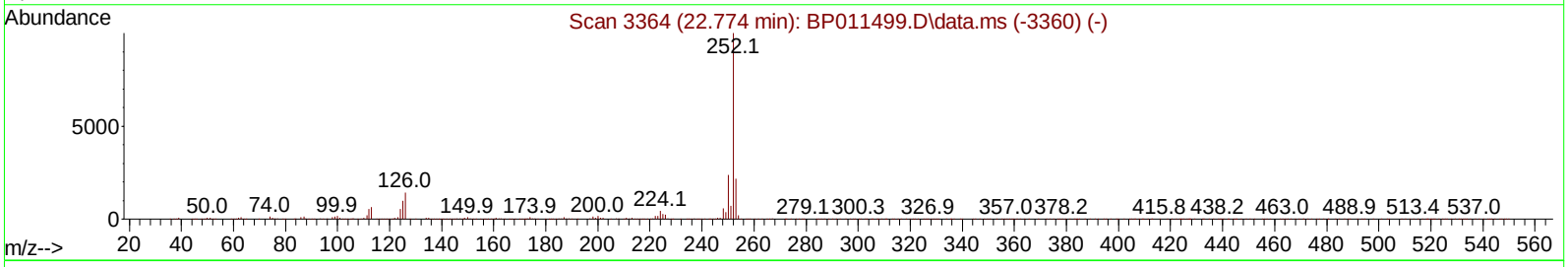

TIC: BP011503.D\data.ms

(91) Benzo(k)fluoranthene

22.769min (-0.006) 4.57 ng/ul m

response 125782

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	25.14
125.00	12.30	14.98#
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	7.558	152	110908	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	464188	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.228	164	258950	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	503880	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	447272	20.000	ng/ul	0.00
88) Perylene-d12	23.421	264	463733	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	8613	2.410	ng/uL	0.00
4) Pyridine-d5	3.487	84	40847	4.464	ng/ul	0.00
7) Phenol-d5	6.740	99	152480	14.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	96902	14.634	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	123499	16.475	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	114359	14.019	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	55384	16.573	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.434	143	57611	16.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	106098	16.900	ng/ul	0.00
31) 4-Chloroaniline-d4	10.499	131	111676	10.686	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	320133	17.479	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	359184	17.645	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	42314	11.991	ng/ul	0.00
60) Fluorene-d10	15.234	176	275919	17.907	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	32653	11.993	ng/ul	0.00
73) Anthracene-d10	17.098	188	429038	19.225	ng/ul	0.00
81) Pyrene-d10	19.363	212	475938	21.032	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.274	264	454751	20.159	ng/ul	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.022	142	16876	1.058	ng/ul	88
50) Acenaphthylene	13.945	152	30729	1.271	ng/ul	96
72) Phenanthrene	17.045	178	138029	5.061	ng/ul	100
74) Anthracene	17.134	178	46121	1.676	ng/ul	98
80) Fluoranthene	19.033	202	369901	13.292	ng/ul	98
82) Pyrene	19.392	202	326063	11.151	ng/ul	98
85) Benzo(a)anthracene	21.116	228	212070	7.782	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.057	149	37345	1.924	ng/ul#	98
87) Chrysene	21.169	228	219474	8.199	ng/ul	97
90) Benzo(b)fluoranthene	22.727	252	372027	12.897	ng/ul#	97
91) Benzo(k)fluoranthene	22.769	252	125782m	4.569	ng/ul	
93) Benzo(a)pyrene	23.321	252	219259	7.785	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	25.780	276	188805	6.011	ng/ul	99
95) Dibenzo(a,h)anthracene	25.792	278	48262	1.784	ng/ul#	85
96) Benzo(g,h,i)perylene	26.509	276	164734	6.165	ng/ul	98

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

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