Quantitation Report (Qedit)

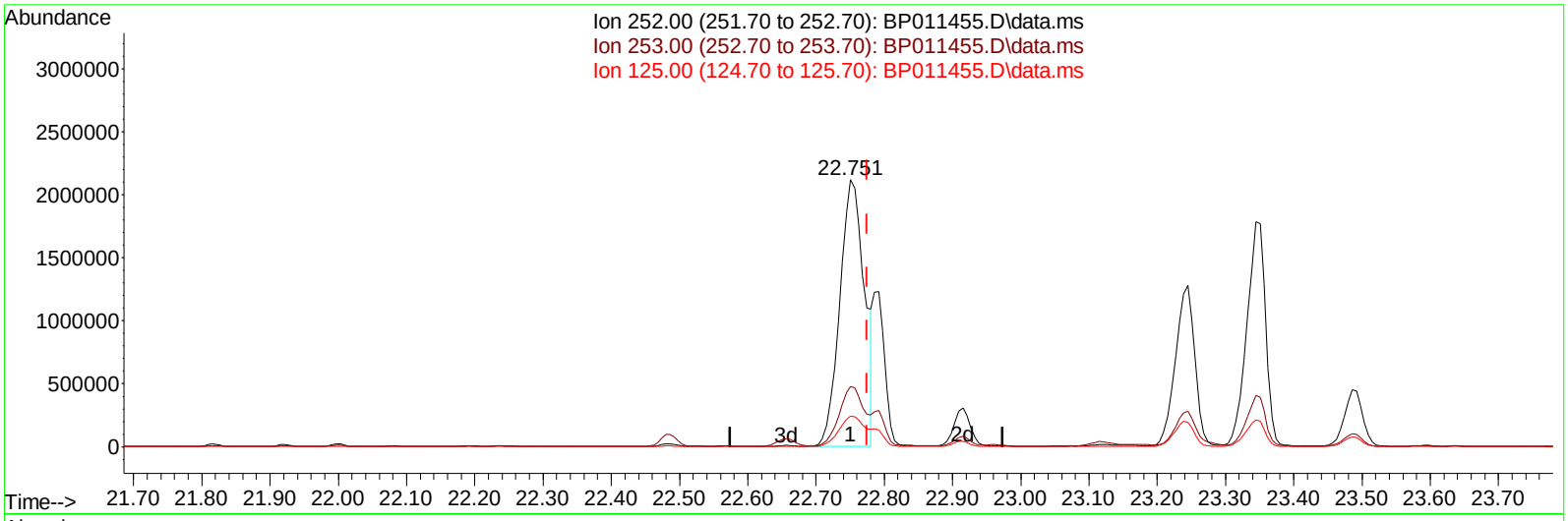
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

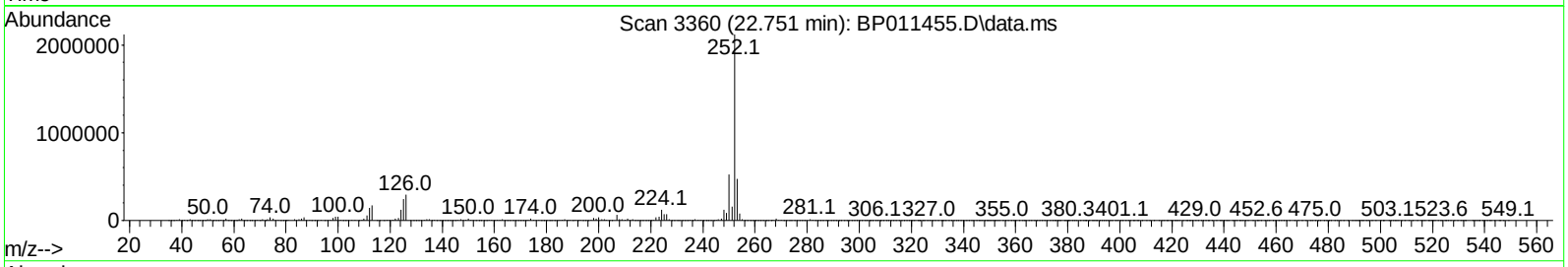
Quant Time: Aug 17 23:24:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

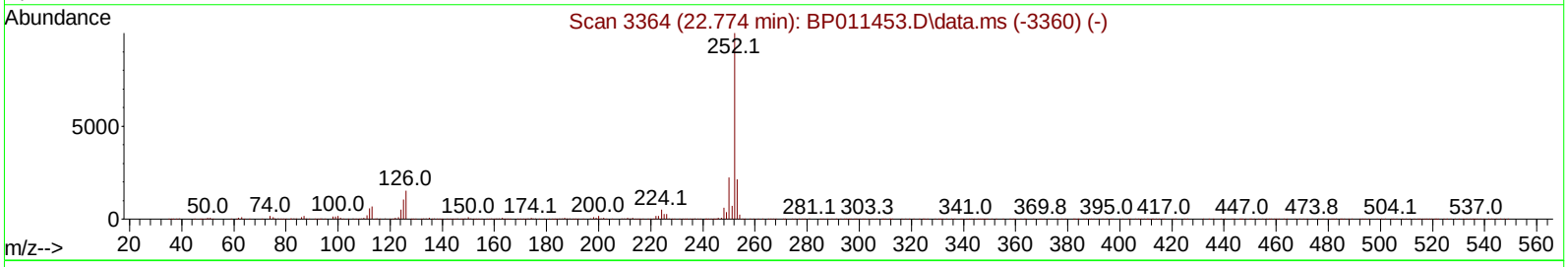
Instrument :
BNA_P
ClientSampleId :
EX7N7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022







TIC: BP011455.D\data.ms

(91) Benzo(k)fluoranthene

22.751min (-0.024) 179.40 ng/ul

response 5298016

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.49
125.00	12.30	11.50
0.00	0.00	0.00

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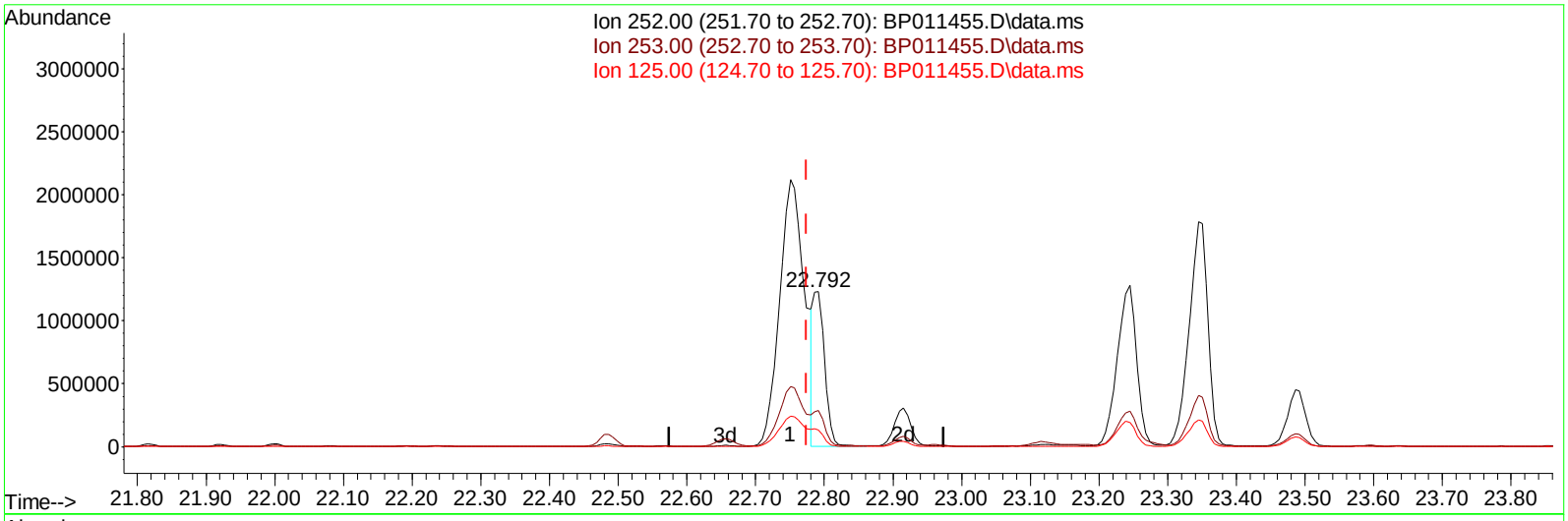

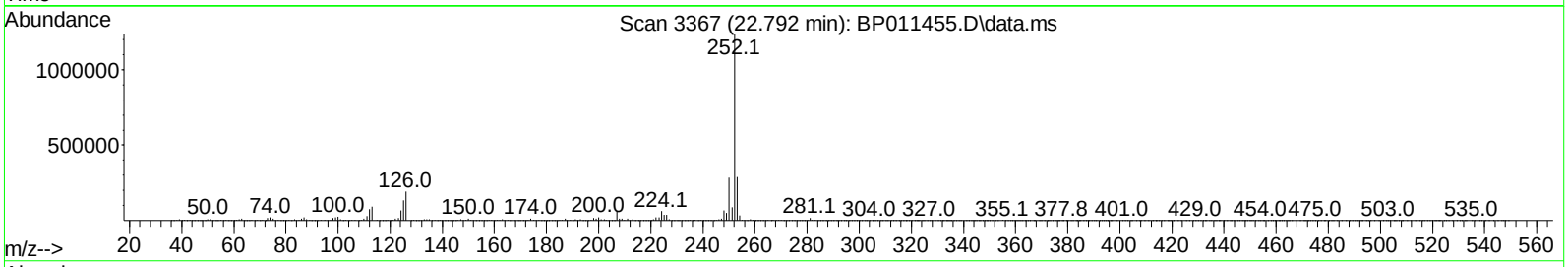

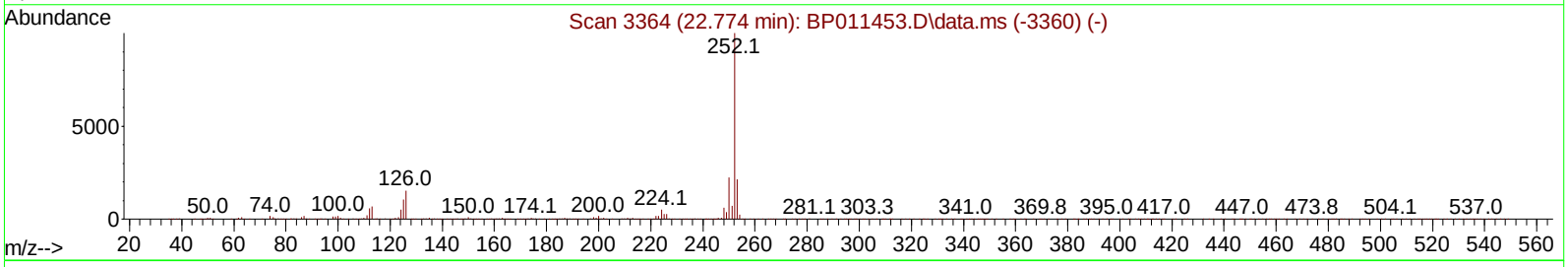

TIC: BP011455.D\data.ms

(91) Benzo(k)fluoranthene

22.792min (+ 0.017) 48.47 ng/ul m

response 1431503

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	23.50
125.00	12.30	10.85
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	7.557	152	85731	20.000	ng/ul	0.00
20) Naphthalene-d8	10.345	136	379262	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.227	164	216409	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	456610	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	488950	20.000	ng/ul	0.00
88) Perylene-d12	23.439	264	497505	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	7656	2.771	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.740	99	168058	21.332	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.904	67	109871	21.466	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	129036	22.269	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	142890	22.660	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	64440	23.601	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	65399	23.535	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	125469	24.461	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	33746	3.952	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	436096	28.491	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	469108	27.575	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	55947	18.971	ng/ul	0.00
60) Fluorene-d10	15.233	176	377143	29.288	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	38293	15.520	ng/ul	0.00
73) Anthracene-d10	17.104	188	626355	30.973	ng/ul	0.00
81) Pyrene-d10	19.368	212	766444	30.982	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.292	264	756349	31.253	ng/ul	0.01
Target Compounds						Qvalue
16) Acetophenone	8.387	105	26855	2.560	ng/ul	97
30) Naphthalene	10.392	128	31954	1.596	ng/ul	99
36) 2-Methylnaphthalene	12.022	142	15549	1.193	ng/ul	96
52) Acenaphthene	14.292	153	66723	4.929	ng/ul	100
56) Dibenzofuran	14.633	168	36889	1.976	ng/ul	93
61) Fluorene	15.292	166	48973	3.207	ng/ul	98
72) Phenanthrene	17.045	178	978582	39.595	ng/ul	99
74) Anthracene	17.133	178	196086	7.864	ng/ul	99
77) Carbazole	17.416	167	120475	5.137	ng/ul	99
80) Fluoranthene	19.045	202	2940452	96.654	ng/ul	97
82) Pyrene	19.398	202	2830373	88.543	ng/ul	98
85) Benzo(a)anthracene	21.121	228	2454595	82.398	ng/ul	99
87) Chrysene	21.174	228	2764077	94.456	ng/ul	97
90) Benzo(b)fluoranthene	22.751	252	5298016	171.197	ng/ul	99
91) Benzo(k)fluoranthene	22.792	252	1431503m	48.472	ng/ul	
93) Benzo(a)pyrene	23.345	252	3386461	112.083	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.821	276	2993169	88.818	ng/ul	98
95) Dibenzo(a,h)anthracene	25.833	278	817501	28.173	ng/ul	98
96) Benzo(g,h,i)perylene	26.556	276	2558601	89.255	ng/ul	98

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

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