Quantitation Report (Qedit)

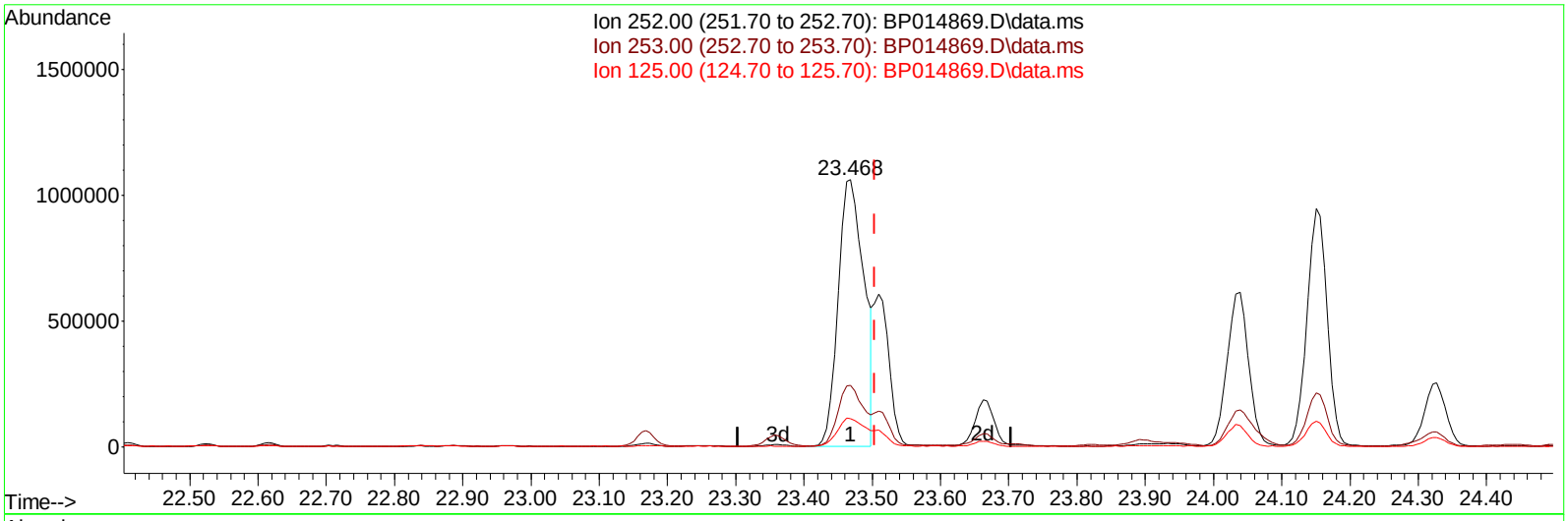
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042723\
Data File : BP014869.D
Acq On : 27 Apr 2023 12:50
Operator : CG/JU
Sample : 02418-01DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

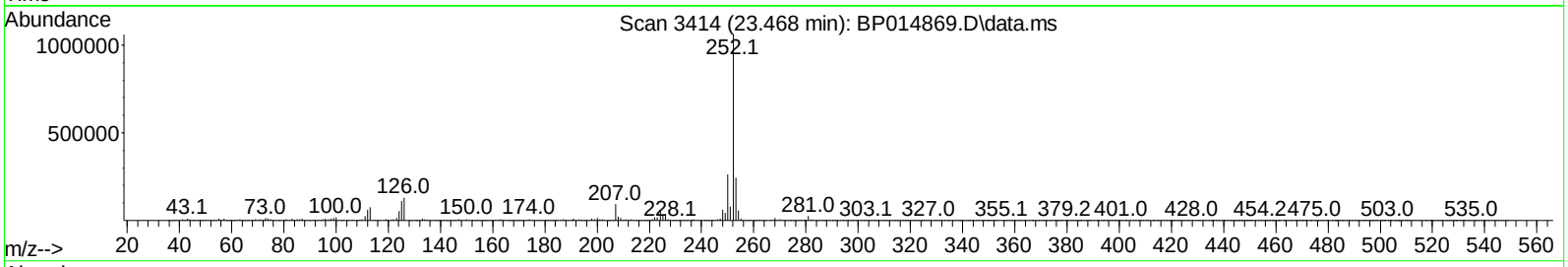
Quant Time: Apr 27 23:35:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration

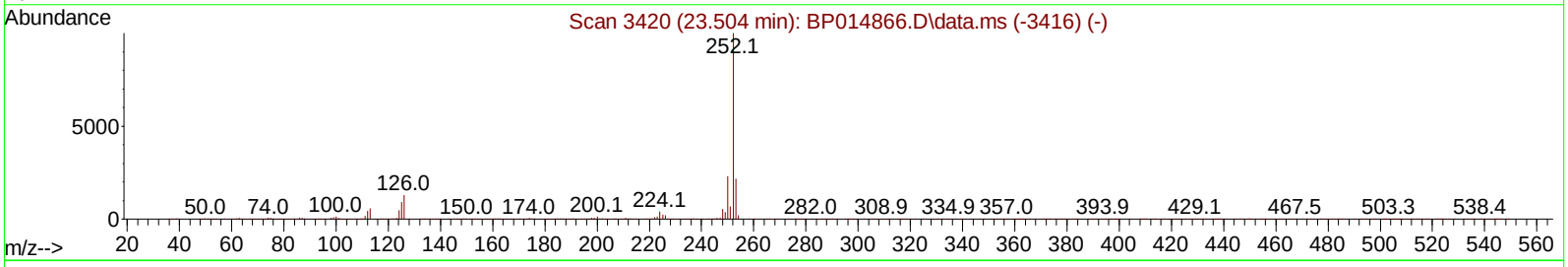
Instrument :
BNA_P
ClientSampleId :
EW8Y7DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023







TIC: BP014869.D\data.ms

(91) Benzo(k)fluoranthene

23.468min (-0.036) 31.23 ng/ul

response 2786284

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.92
125.00	9.90	10.40
0.00	0.00	0.00

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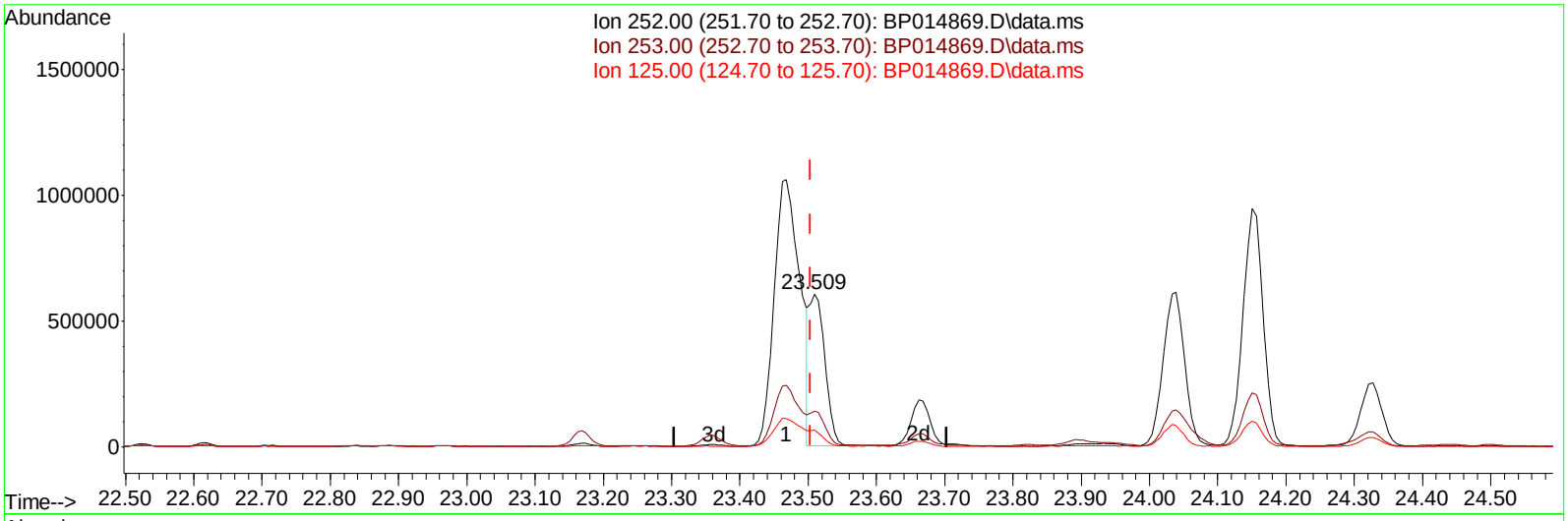

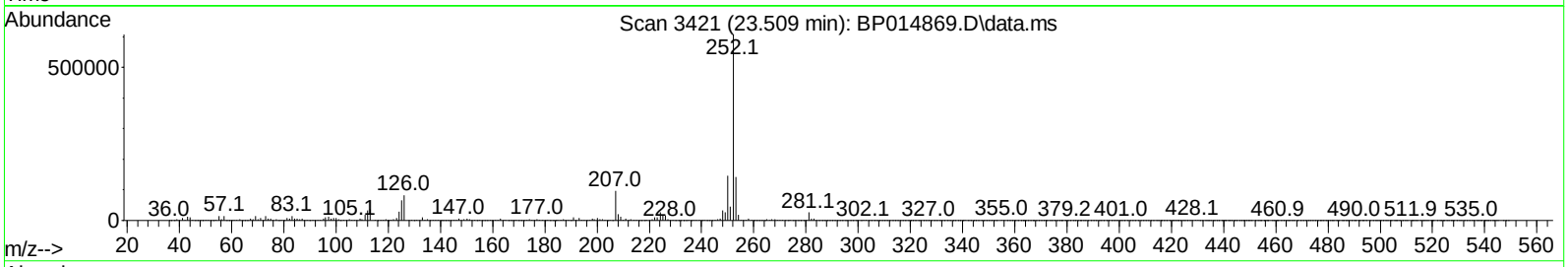

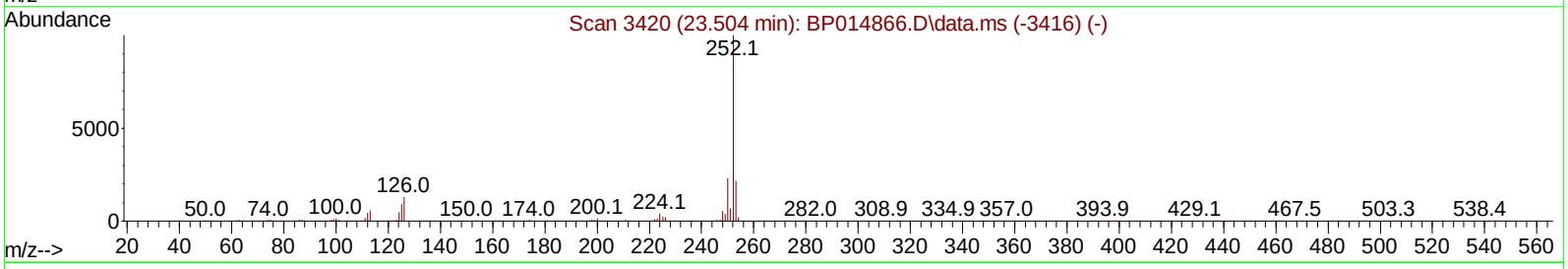

TIC: BP014869.D\data.ms

(91) Benzo(k)fluoranthene

23.509min (+ 0.005) 10.65 ng/ul m

response 950369

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.45
125.00	9.90	10.84
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	8.204	152	275303	20.000	ng/ul	0.00
20) Naphthalene-d8	11.039	136	1234826	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	803837	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.586	188	1775554	20.000	ng/ul	0.00
79) Chrysene-d12	21.662	240	1441563	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	1343385	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.499	96	10002	1.428	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.340	99	201466	8.050	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	127398	8.471	ng/ul	0.00
11) 2-Chlorophenol-d4	7.722	132	161548	8.742	ng/ul	0.00
15) 4-Methylphenol-d8	8.904	113	138278	6.879	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	78319	8.473	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	86375	9.091	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	171915	8.705	ng/ul	0.00
31) 4-Chloroaniline-d4	11.169	131	134748	4.755	ng/ul	0.00
46) Dimethylphthalate-d6	14.233	166	560691	8.989	ng/ul	0.00
49) Acenaphthylene-d8	14.533	160	663336	9.276	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	66101	5.817	ng/ul	0.00
60) Fluorene-d10	15.821	176	517744	9.750	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.933	200	33512	3.401	ng/ul	0.00
73) Anthracene-d10	17.686	188	808061	9.692	ng/ul	0.00
81) Pyrene-d10	19.898	212	957756	10.928	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.097	264	699084	10.038	ng/ul	0.02
Target Compounds						Qvalue
16) Acetophenone	9.034	105	87263	2.775	ng/ul	98
50) Acenaphthylene	14.557	152	126766	1.641	ng/ul	97
52) Acenaphthene	14.898	153	97314	1.833	ng/ul	97
61) Fluorene	15.880	166	99095	1.680	ng/ul	98
72) Phenanthrene	17.633	178	2177322	22.393	ng/ul	100
74) Anthracene	17.721	178	507124	5.173	ng/ul	100
77) Carbazole	17.980	167	201054	2.410	ng/ul	99
78) Di-n-butylphthalate	18.510	149	166085	1.677	ng/ul	99
80) Fluoranthene	19.580	202	5123476	49.604	ng/ul	100
82) Pyrene	19.927	202	4675419	43.766	ng/ul	98
85) Benzo(a)anthracene	21.645	228	2441398	24.344	ng/ul	99
87) Chrysene	21.703	228	2330194	24.511	ng/ul	98
90) Benzo(b)fluoranthene	23.468	252	2786284	30.285	ng/ul	97
91) Benzo(k)fluoranthene	23.509	252	950369m	10.651	ng/ul	
93) Benzo(a)pyrene	24.150	252	1943391	24.939	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.033	276	1348621	15.348	ng/ul	97
95) Dibenzo(a,h)anthracene	27.044	278	332270	4.534	ng/ul#	85
96) Benzo(g,h,i)perylene	27.891	276	1129683	16.227	ng/ul	99

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

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