Quantitation Report (Qedit)

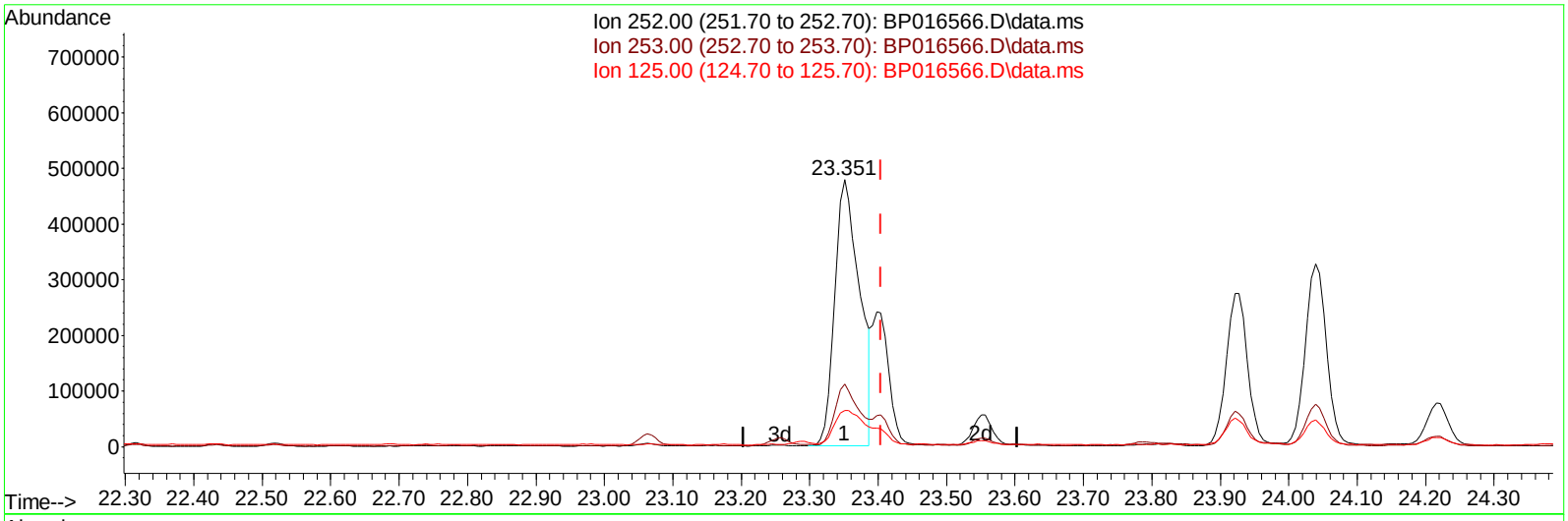
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016566.D
Acq On : 14 Aug 2023 17:51
Operator : MA/JU
Sample : 03965-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

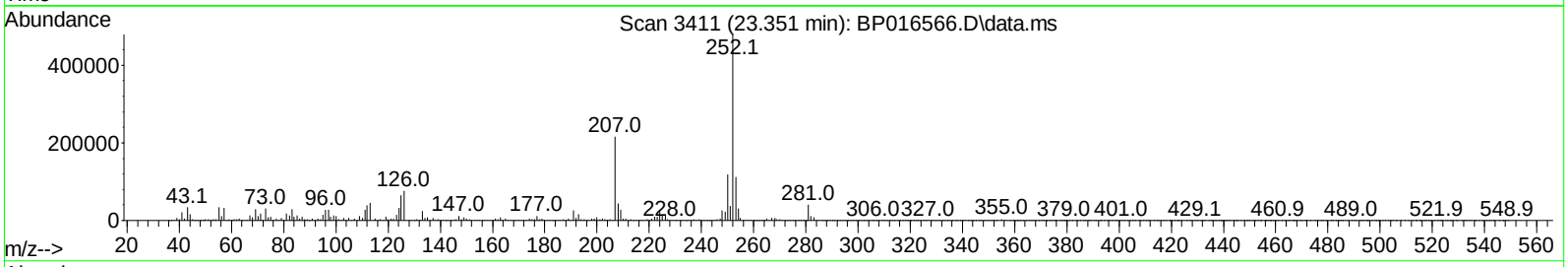
Quant Time: Aug 14 23:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

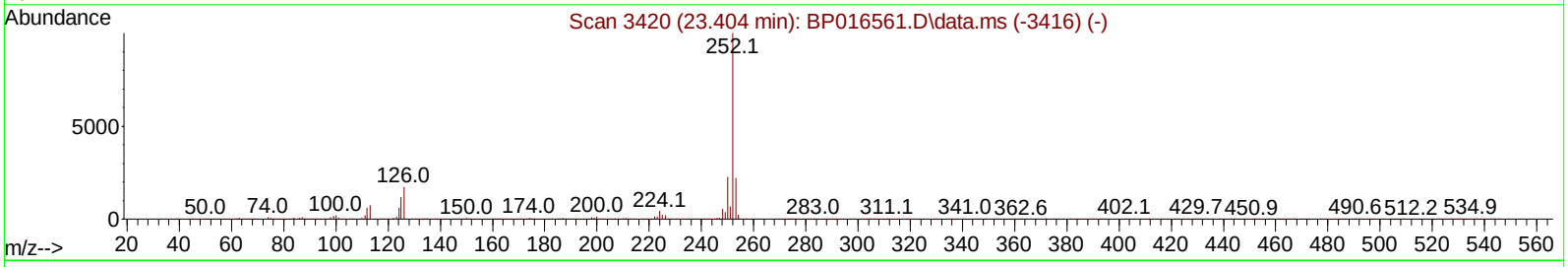
Instrument :
BNA_P
ClientSampleId :
A48H1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023







TIC: BP016566.D\data.ms

(91) Benzo(k)fluoranthene

23.351min (-0.053) 9.88 ng/ul

response 1204399

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	23.43
125.00	12.30	13.56
0.00	0.00	0.00

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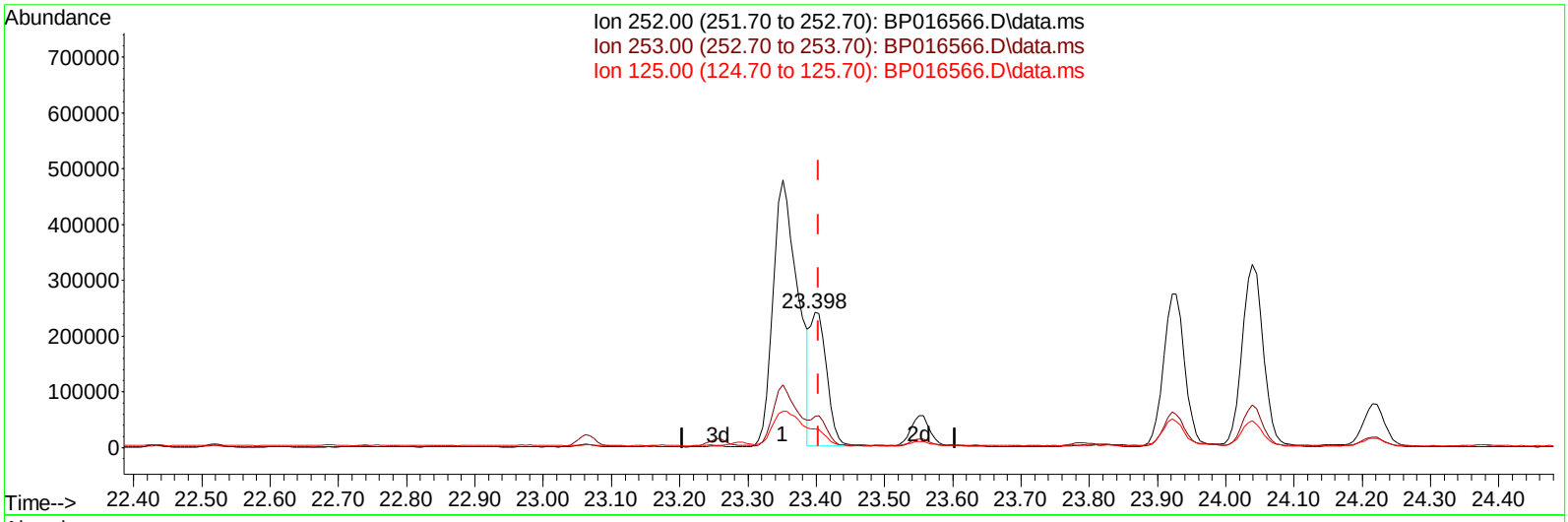

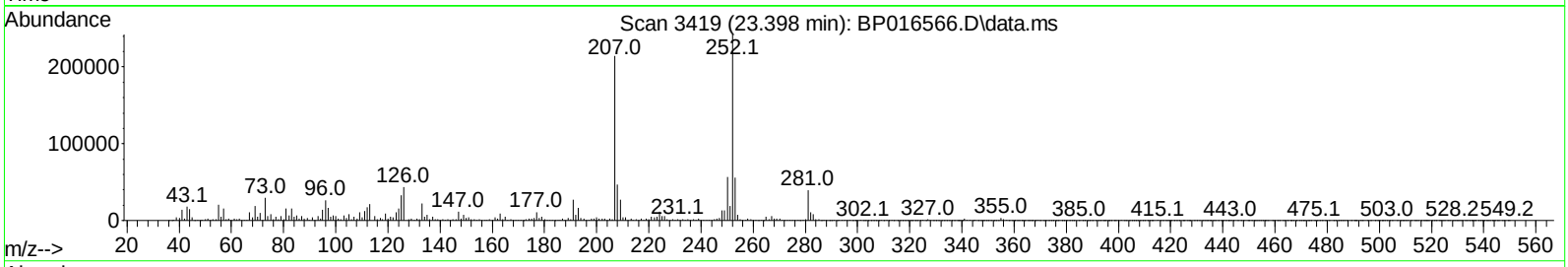

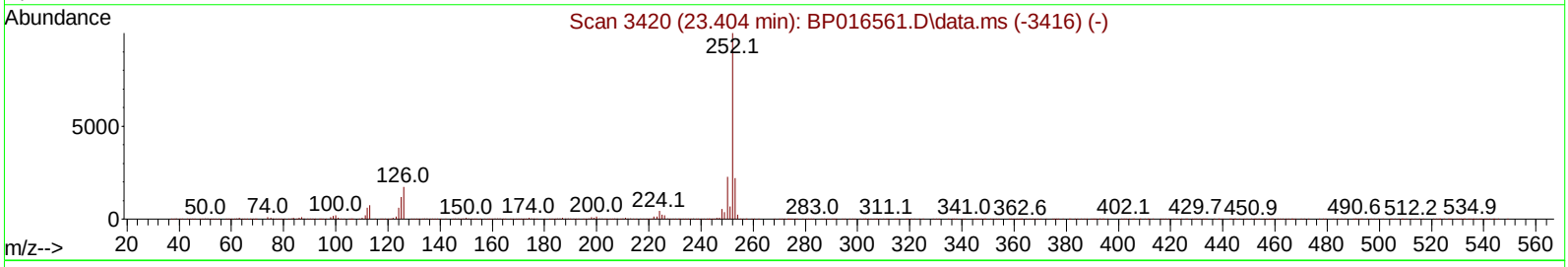

TIC: BP016566.D\data.ms

(91) Benzo(k)fluoranthene

23.398min (-0.006) 3.36 ng/ul m

response 410180

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	23.11
125.00	12.30	13.67
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 14 Aug 2023 17:51
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Misc :
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	360066	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	1567220	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	913131	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	2023898	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1907292	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	2064326	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	25721	2.714	ng/uL	0.00
4) Pyridine-d5	3.846	84	32804	1.138	ng/ul	0.01
7) Phenol-d5	7.199	99	459079	13.830	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	331894	15.180	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	357146	14.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	276803	10.487	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	181231	16.435	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	160205	15.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	306967	14.893	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	148995	4.213	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1064223	16.113	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1243411	16.680	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	71549	5.318	ng/ul	0.00
60) Fluorene-d10	15.704	176	962678	17.098	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	66683	6.926	ng/ul	0.00
73) Anthracene-d10	17.575	188	1508591	17.232	ng/ul	0.00
81) Pyrene-d10	19.804	212	1842724	18.439	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1742129	17.610	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.222	94	47770	1.346	ng/ul	97
16) Acetophenone	8.905	105	230819	5.415	ng/ul	99
72) Phenanthrene	17.516	178	579146	5.431	ng/ul	100
80) Fluoranthene	19.475	202	1585705	13.294	ng/ul	99
82) Pyrene	19.833	202	1335651	10.604	ng/ul	99
85) Benzo(a)anthracene	21.551	228	688646	5.372	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	184089	2.500	ng/ul	98
87) Chrysene	21.610	228	862062	7.187	ng/ul	98
90) Benzo(b)fluoranthene	23.351	252	1204399	9.799	ng/ul	97
91) Benzo(k)fluoranthene	23.398	252	410180m	3.364	ng/ul	
93) Benzo(a)pyrene	24.039	252	699377	6.032	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.904	276	519026	3.793	ng/ul	96
95) Dibenzo(a,h)anthracene	26.927	278	124698	1.095	ng/ul	92
96) Benzo(g,h,i)perylene	27.762	276	460922	4.232	ng/ul	99

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

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