Quantitation Report (Qedit)

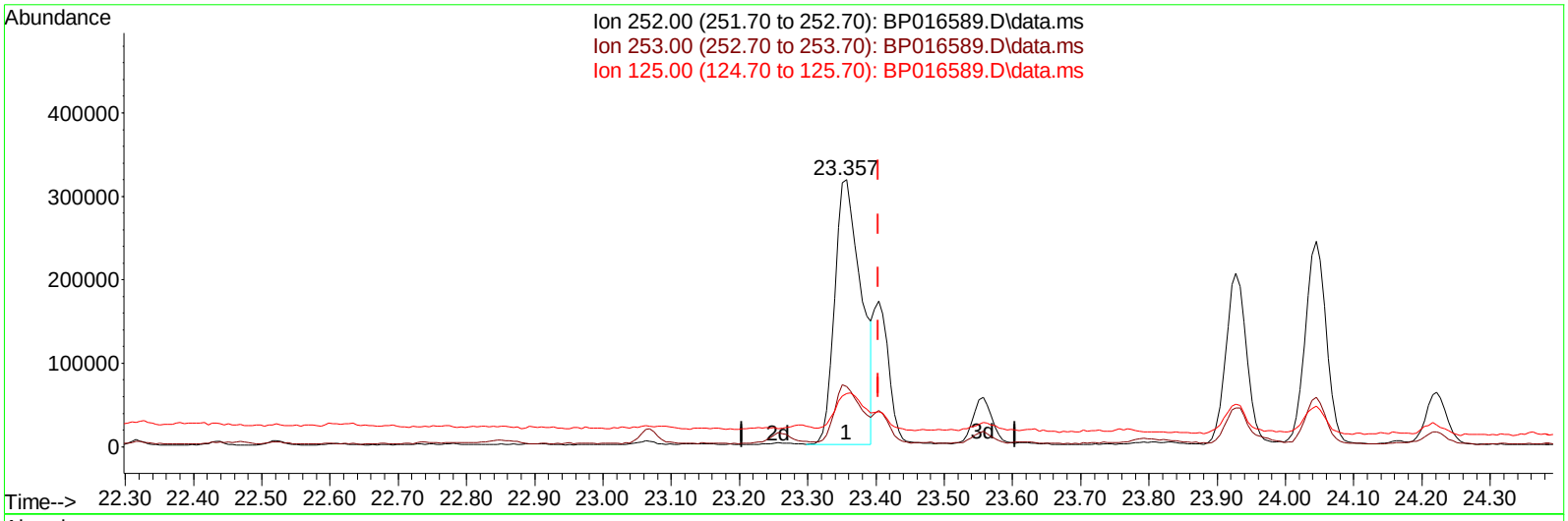
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
Data File : BP016589.D
Acq On : 15 Aug 2023 11:03
Operator : MA/JU
Sample : 03965-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

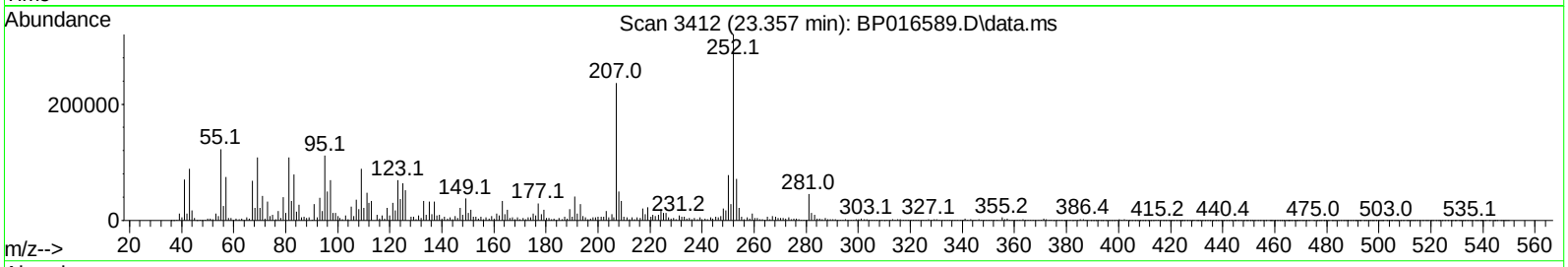
Quant Time: Aug 15 11:47:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

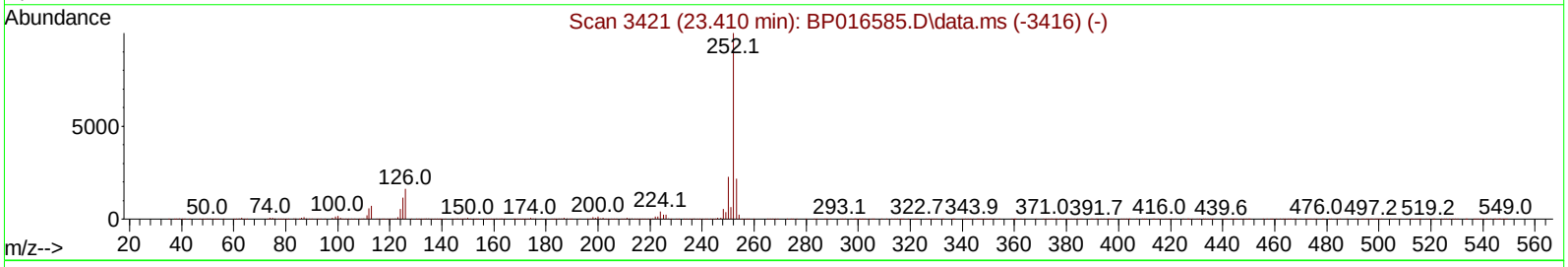
Instrument :
BNA_P
ClientSampleId :
A48J3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023







TIC: BP016589.D\data.ms

(91) Benzo(k)fluoranthene

23.357min (-0.047) 5.95 ng/ul

response 852653

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	22.53
125.00	12.30	20.06#
0.00	0.00	0.00

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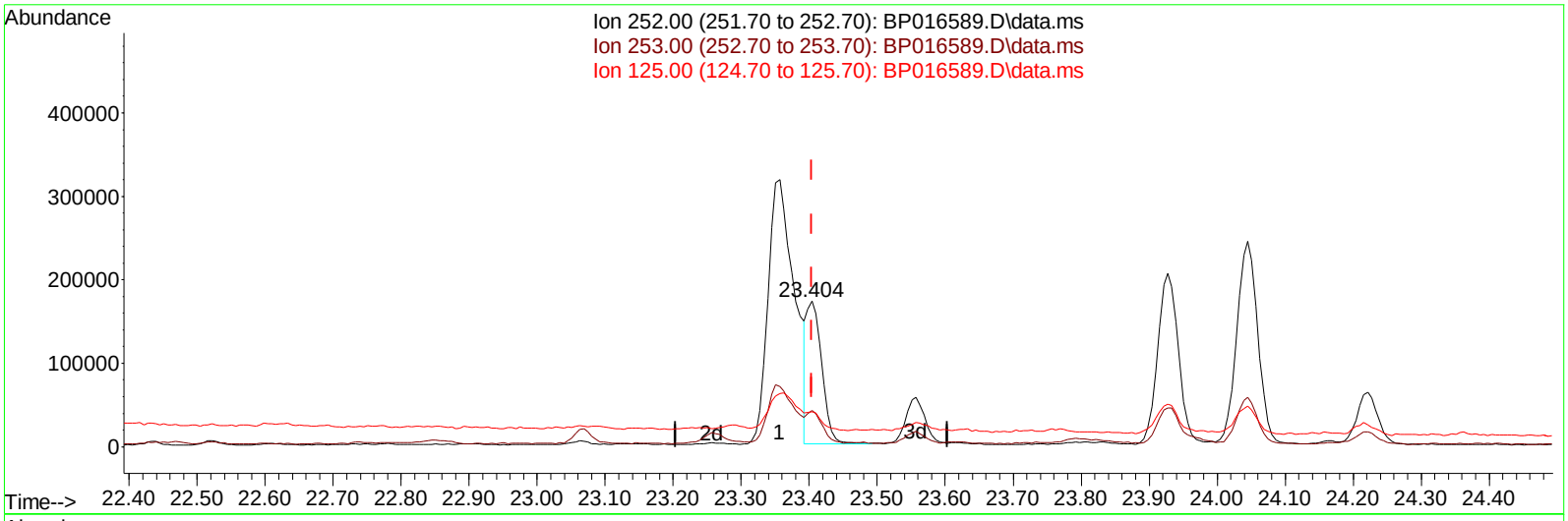

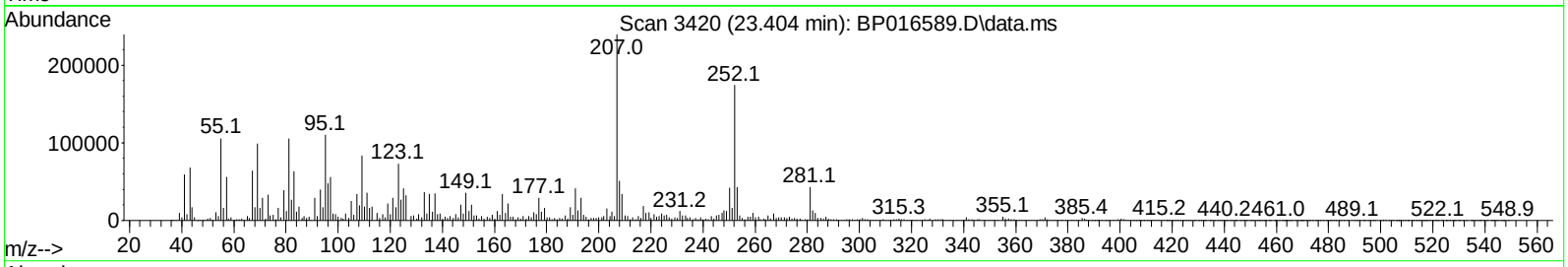

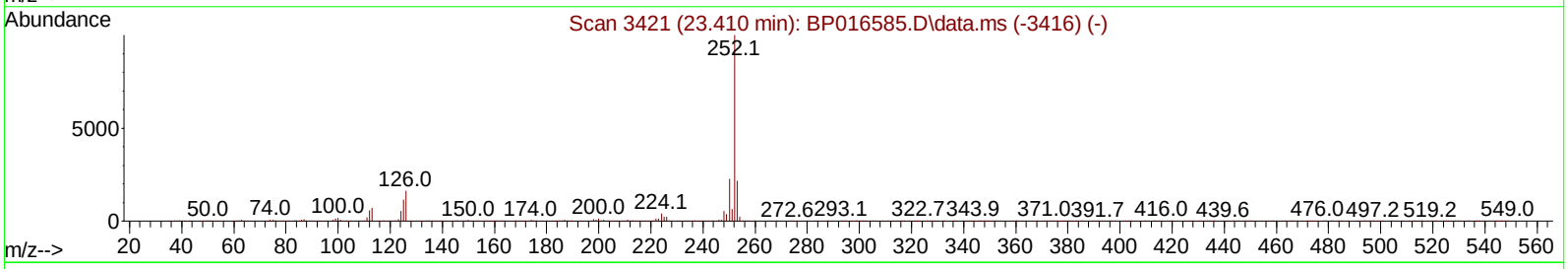

TIC: BP016589.D\data.ms

(91) Benzo(k)fluoranthene

23.404min (+ 0.000) 1.85 ng/ul m

response 264385

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	24.90
125.00	12.30	23.93#
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	8.058	152	629892	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	2735120	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1607834	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	3368407	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	2478450	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	2424009	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	35748	2.157	ng/uL	0.00
4) Pyridine-d5	3.840	84	51458	1.020	ng/ul	0.00
7) Phenol-d5	7.193	99	696495	11.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	456685	11.940	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	522550	12.528	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	477685	10.345	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	255666	13.285	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	258084	14.119	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	478104	13.291	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	306862	4.972	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1510079	12.985	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1759988	13.408	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	207026	8.739	ng/ul	0.00
60) Fluorene-d10	15.698	176	1362488	13.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	118771	7.412	ng/ul	0.00
73) Anthracene-d10	17.575	188	2058683	14.130	ng/ul	0.00
81) Pyrene-d10	19.804	212	2207272	16.997	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	1683605	14.493	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.905	105	176605	2.368	ng/ul	99
72) Phenanthrene	17.516	178	648798	3.656	ng/ul	99
80) Fluoranthene	19.475	202	1416901	9.142	ng/ul	98
82) Pyrene	19.833	202	1234063	7.540	ng/ul	98
85) Benzo(a)anthracene	21.557	228	656058	3.939	ng/ul	96
87) Chrysene	21.610	228	743022	4.767	ng/ul	97
90) Benzo(b)fluoranthene	23.357	252	852653	5.908	ng/ul#	92
91) Benzo(k)fluoranthene	23.404	252	264385m	1.846	ng/ul	
93) Benzo(a)pyrene	24.045	252	520205	3.821	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.910	276	352272	2.192	ng/ul	98
96) Benzo(g,h,i)perylene	27.768	276	304197	2.379	ng/ul	99

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

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