Quantitation Report (Qedit)

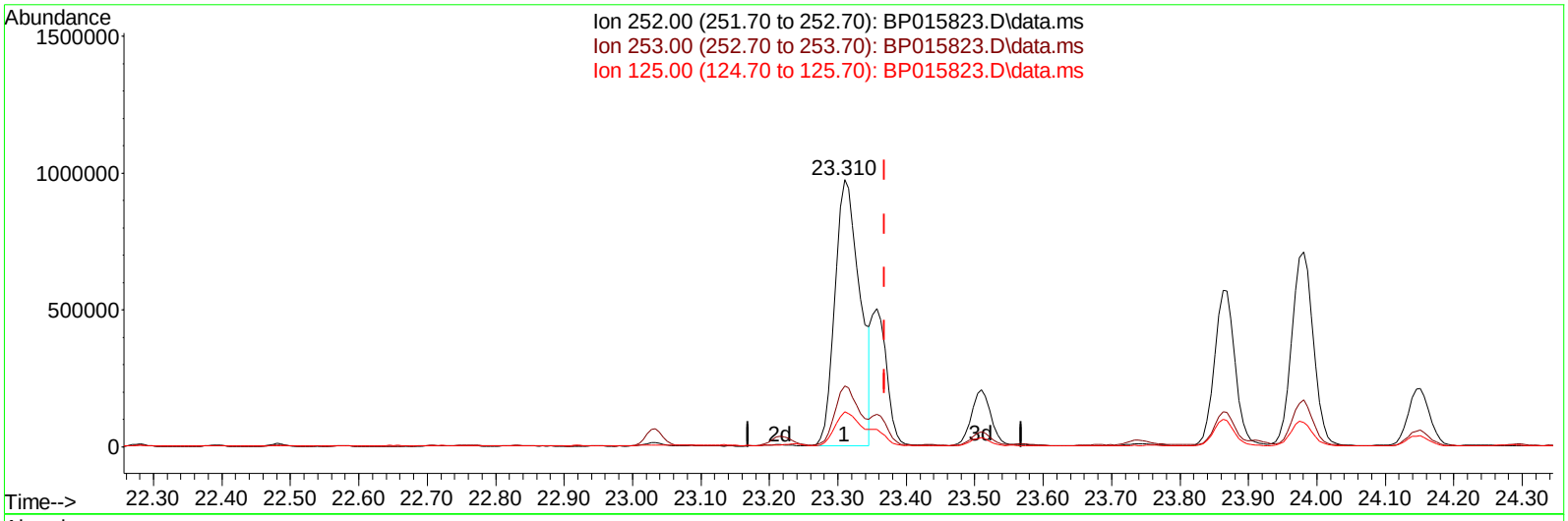
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015823.D
Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

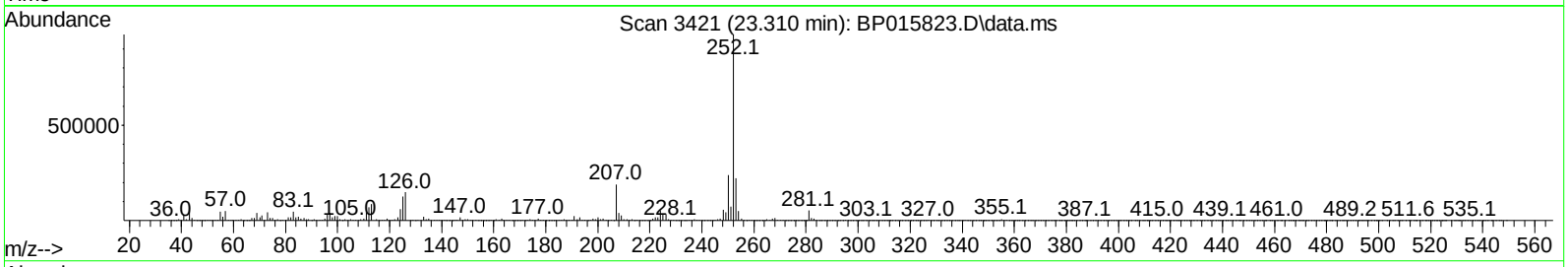
Quant Time: Jun 30 00:20:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

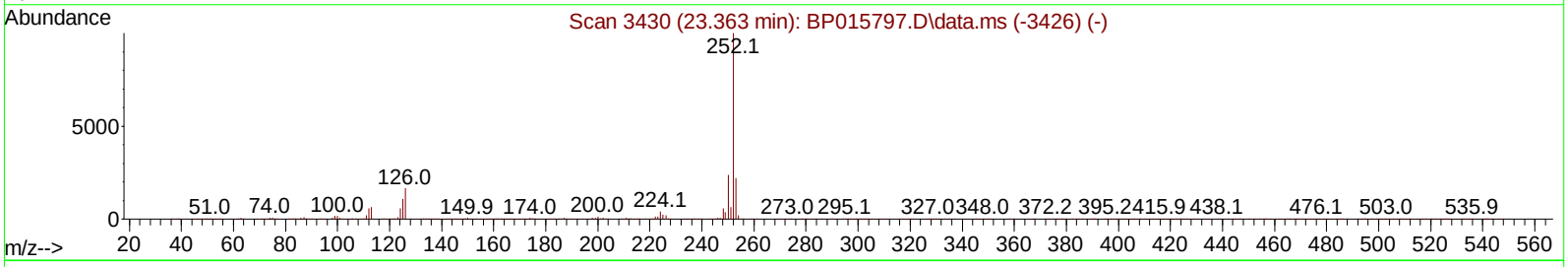
Instrument :
BNA_P
ClientSampleId :
DCFX0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023







TIC: BP015823.D\data.ms

(91) Benzo(k)fluoranthene

23.310min (-0.059) 30.49 ng/ul

response 2473589

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	22.70
125.00	9.10	13.03#
0.00	0.00	0.00

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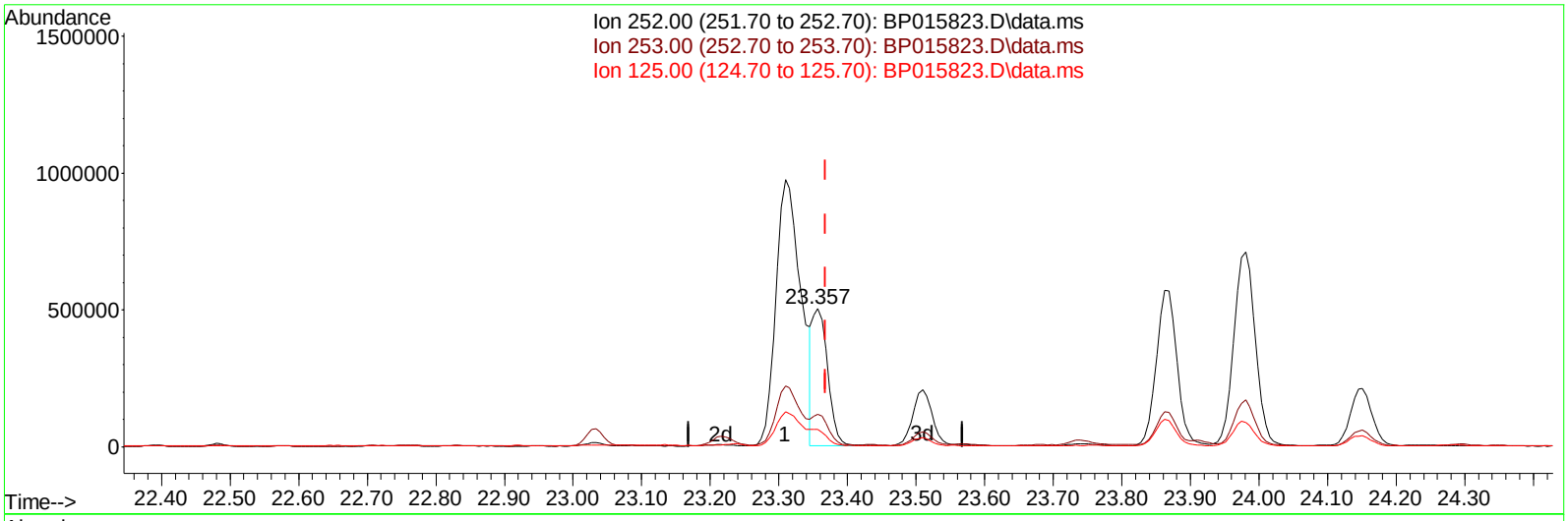

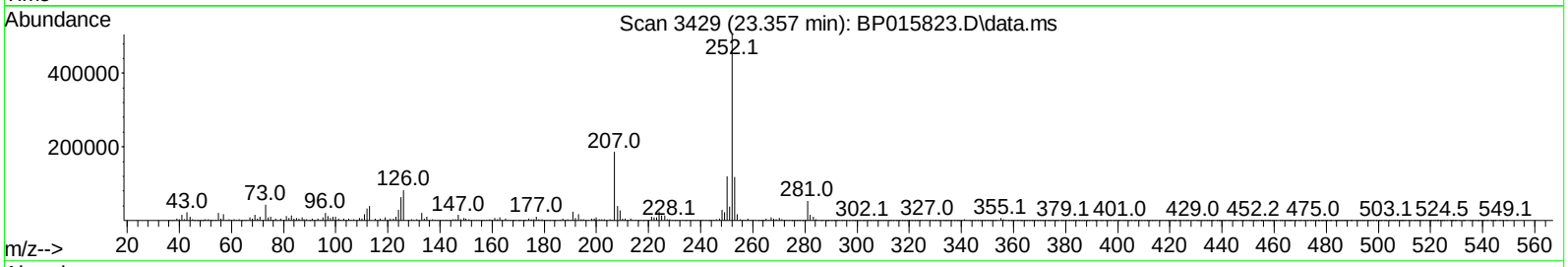

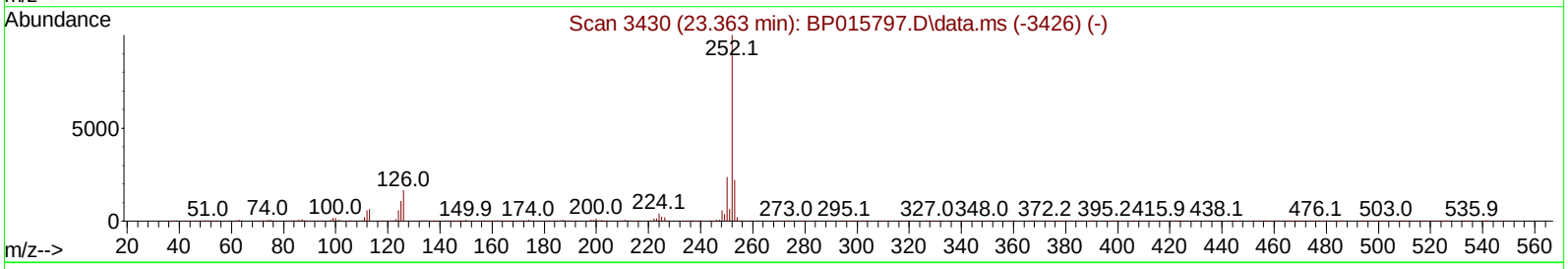

TIC: BP015823.D\data.ms

(91) Benzo(k)fluoranthene

23.357min (-0.012) 9.48 ng/ul m

response 769228

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.52
125.00	9.10	12.41#
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	334348	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1394925	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	784729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1458578	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1023177	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1249800	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	31413	3.380	ng/uL	0.00
4) Pyridine-d5	3.828	84	285916	12.205	ng/ul	0.00
7) Phenol-d5	7.234	99	493652	17.256	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	359636	20.320	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	407088	18.851	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	243375	10.769	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	200650	18.822	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	219677	17.656	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	347403	15.669	ng/ul	0.02
31) 4-Chloroaniline-d4	11.075	131	109683	3.851	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1147176	18.914	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1304548	19.133	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	103311	12.907	ng/ul	0.04
60) Fluorene-d10	15.698	176	935121	18.724	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	106752	11.901	ng/ul	0.00
73) Anthracene-d10	17.563	188	1258056	18.883	ng/ul	0.00
81) Pyrene-d10	19.792	212	1264107	18.921	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1177104	18.671	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.934	128	195791	2.582	ng/ul	99
36) 2-Methylnaphthalene	12.551	142	84668	1.696	ng/ul	93
37) 1-Methylnaphthalene	12.763	142	77764	1.527	ng/ul	98
50) Acenaphthylene	14.428	152	474789	6.320	ng/ul	99
52) Acenaphthene	14.769	153	105627	2.028	ng/ul	98
61) Fluorene	15.757	166	112184	1.912	ng/ul	98
71) Pentachlorophenol	17.139	266	9863	1.046	ng/ul	98
72) Phenanthrene	17.504	178	879294	11.097	ng/ul	100
74) Anthracene	17.604	178	390956	4.910	ng/ul	99
80) Fluoranthene	19.463	202	2614652	31.489	ng/ul#	92
82) Pyrene	19.816	202	2128083	25.125	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	1291509	17.944	ng/ul	97
87) Chrysene	21.586	228	1306138	19.127	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	2473589	30.802	ng/ul#	95
91) Benzo(k)fluoranthene	23.357	252	769228m	9.481	ng/ul	
93) Benzo(a)pyrene	23.980	252	1552540	22.126	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.786	276	1544748	16.217	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.786	278	460360	5.884	ng/ul#	82
96) Benzo(g,h,i)perylene	27.627	276	1369893	17.481	ng/ul#	94

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

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