Quantitation Report (Qedit)

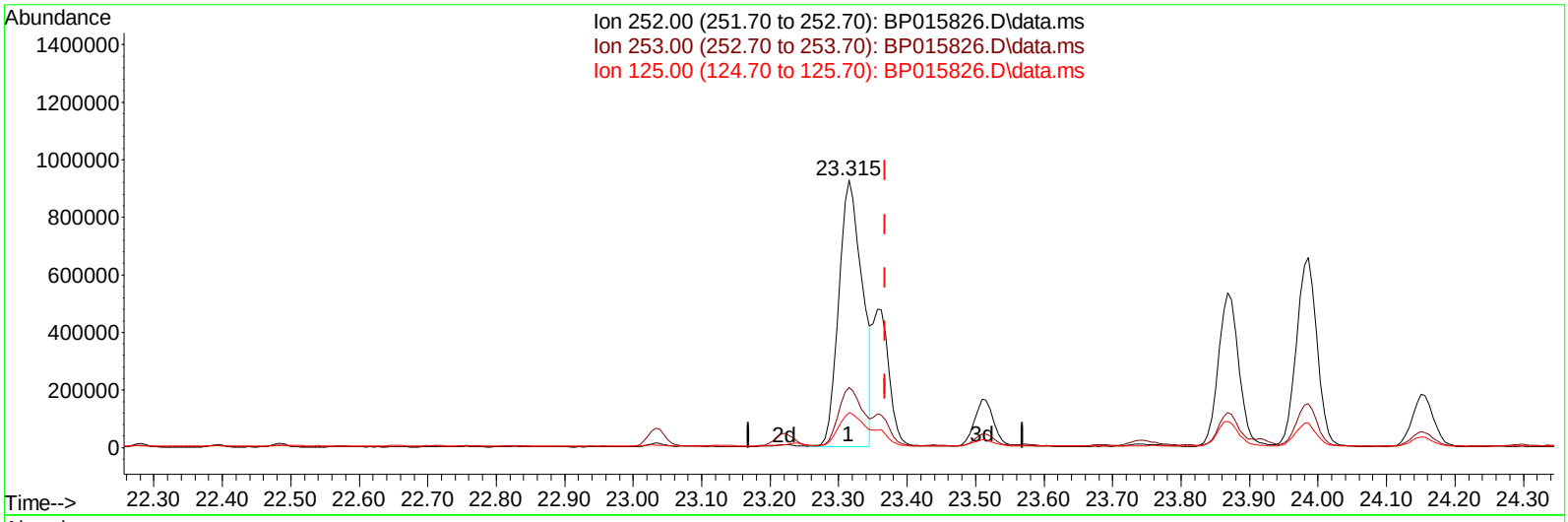
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015826.D
Acq On : 30 Jun 2023 00:17
Operator : MA/JU
Sample : 03161-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

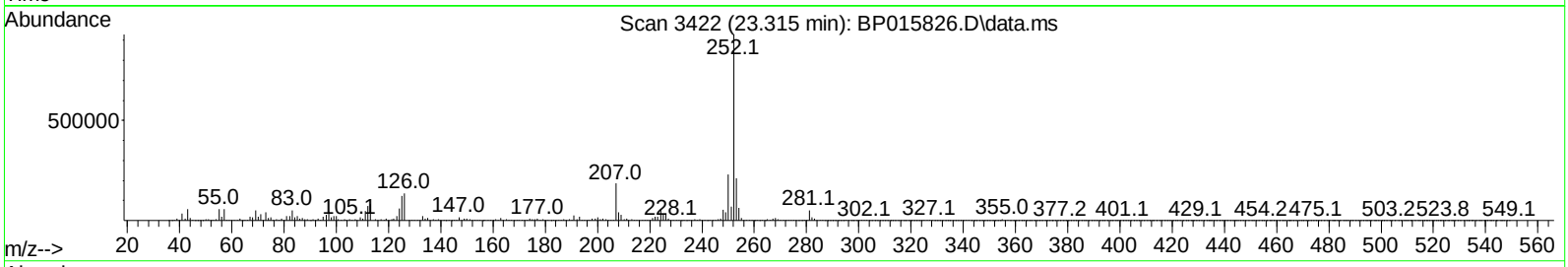
Quant Time: Jun 30 02:03:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

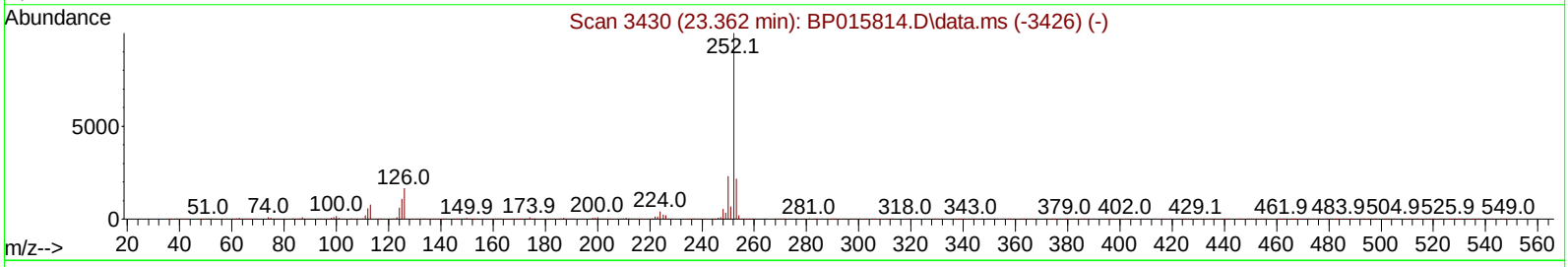
Instrument :
BNA_P
ClientSampleId :
DCFX4

Manual IntegrationsAPPROVED

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







TIC: BP015826.D\data.ms

(91) Benzo(k)fluoranthene

23.315min (-0.053) 33.00 ng/ul

response 2209786

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	22.64
125.00	9.10	13.16#
0.00	0.00	0.00

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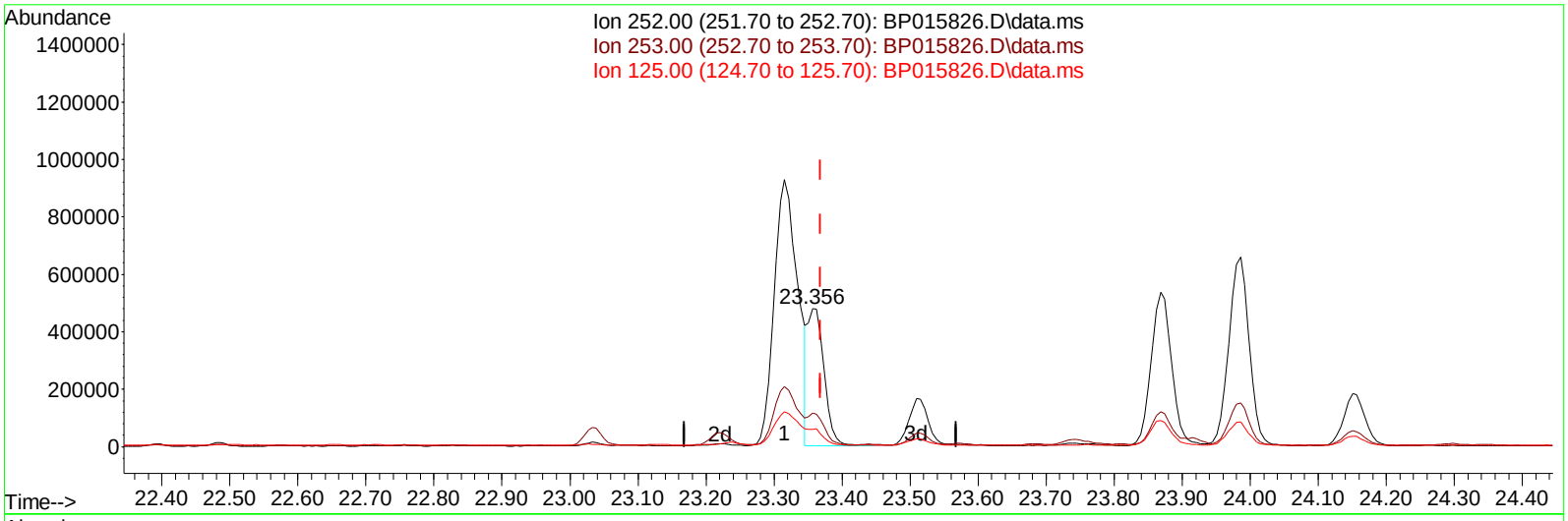

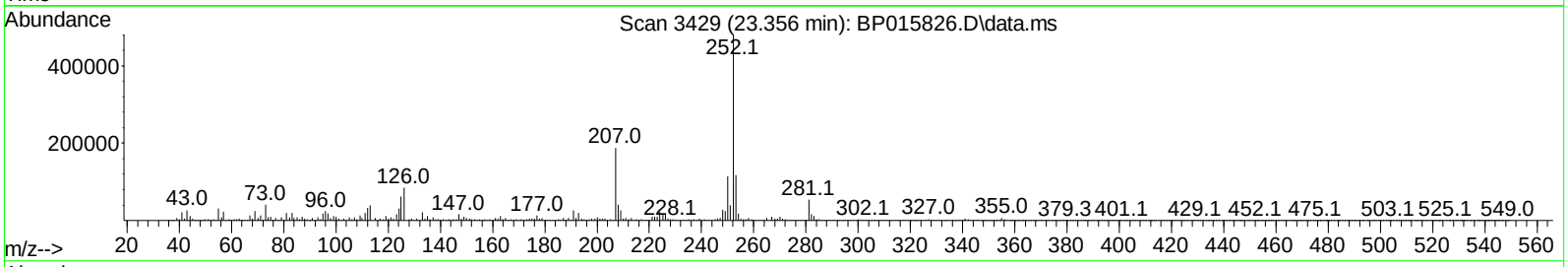

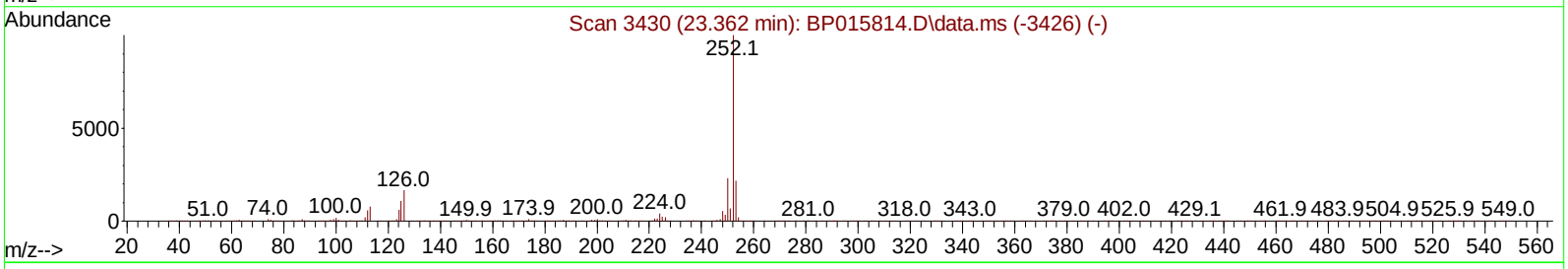

TIC: BP015826.D\data.ms

(91) Benzo(k)fluoranthene

23.356min (-0.012) 11.94 ng/ul m

response 799339

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	24.28
125.00	9.10	12.75#
0.00	0.00	0.00

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Operator : MA/JU
Sample : 03161-18
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ALS Vial : 30 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	256884	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1089176	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	649502	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1374691	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	963486	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1031604	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25731	3.604	ng/uL	0.00
4) Pyridine-d5	3.828	84	277097	15.396	ng/ul	0.00
7) Phenol-d5	7.234	99	473740	21.554	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	327267	24.067	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	388095	23.391	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	221761	12.772	ng/ul	0.00
21) Nitrobenzene-d5	9.245	128	192648	23.144	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	211058	21.725	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	337004	19.466	ng/ul	0.02
31) 4-Chloroaniline-d4	11.069	131	158015	7.105	ng/ul	0.03
46) Dimethylphthalate-d6	14.116	166	1214146	24.185	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1383703	24.519	ng/ul	0.00
54) 4-Nitrophenol-d4	14.974	143	143321	21.634	ng/ul	0.02
60) Fluorene-d10	15.698	176	1035249	25.045	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	126657	14.981	ng/ul	0.00
73) Anthracene-d10	17.563	188	1558370	24.817	ng/ul	0.00
81) Pyrene-d10	19.792	212	1696984	26.973	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1316812	25.304	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.934	128	78505	1.326	ng/ul	99
36) 2-Methylnaphthalene	12.551	142	49928	1.281	ng/ul	98
50) Acenaphthylene	14.427	152	265351	4.267	ng/ul	100
52) Acenaphthene	14.769	153	54957	1.275	ng/ul	99
61) Fluorene	15.757	166	81003	1.668	ng/ul	94
72) Phenanthrene	17.510	178	1691346	22.648	ng/ul	100
74) Anthracene	17.604	178	389032	5.184	ng/ul	98
80) Fluoranthene	19.468	202	3856097	49.318	ng/ul#	94
82) Pyrene	19.821	202	3045199	38.180	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	1657591	24.457	ng/ul	97
87) Chrysene	21.592	228	1645777	25.594	ng/ul	97
90) Benzo(b)fluoranthene	23.315	252	2209786	33.338	ng/ul#	95
91) Benzo(k)fluoranthene	23.356	252	799339m	11.935	ng/ul	
93) Benzo(a)pyrene	23.986	252	1371612	23.682	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.791	276	1090611	13.871	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.791	278	307883	4.767	ng/ul#	77
96) Benzo(g,h,i)perylene	27.633	276	925209	14.304	ng/ul#	94

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

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