Quantitation Report (Qedit)

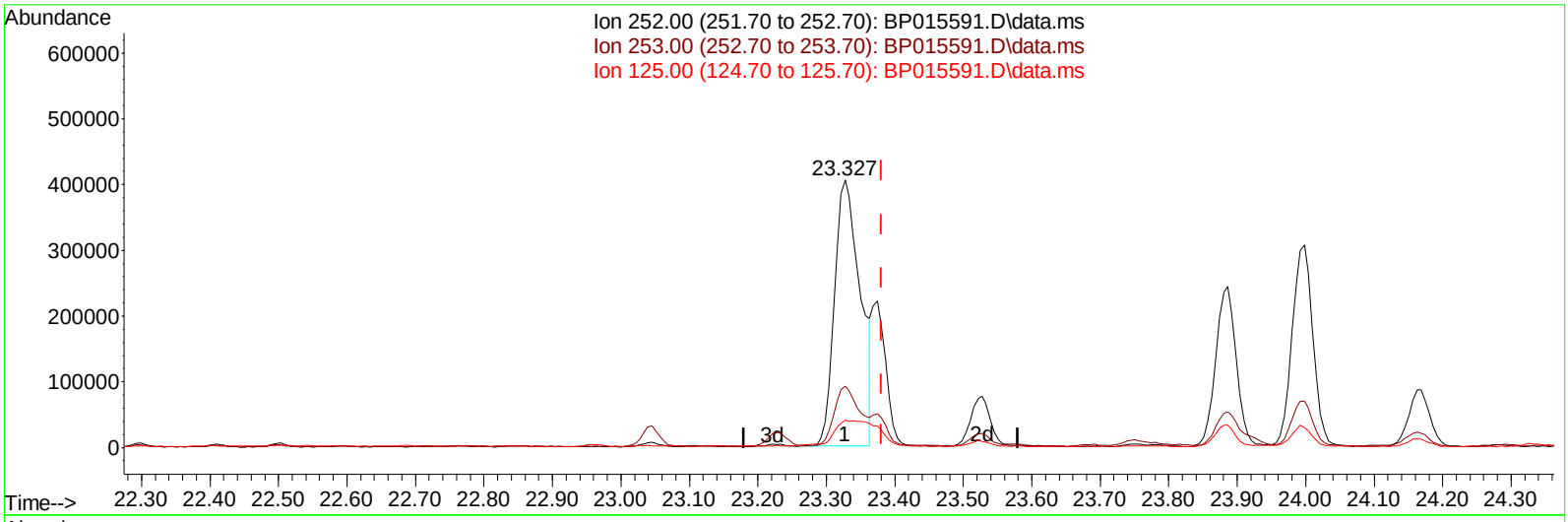
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015591.D
Acq On : 16 Jun 2023 21:26
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

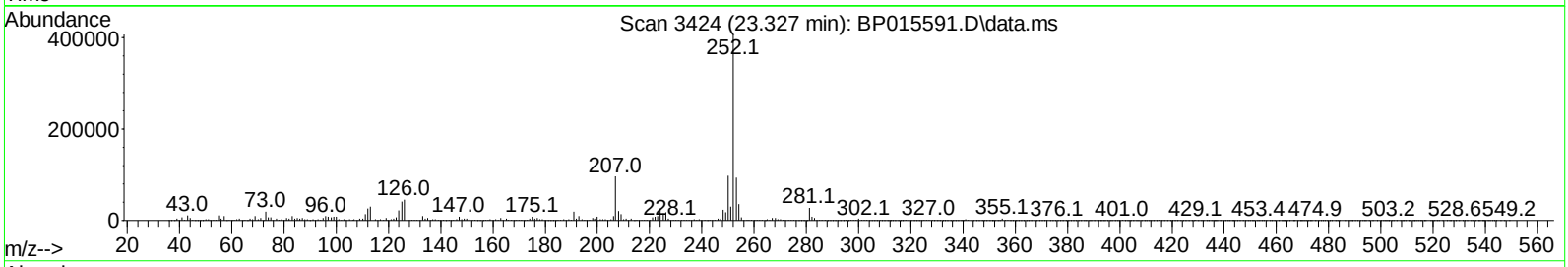
Quant Time: Jun 16 23:19:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

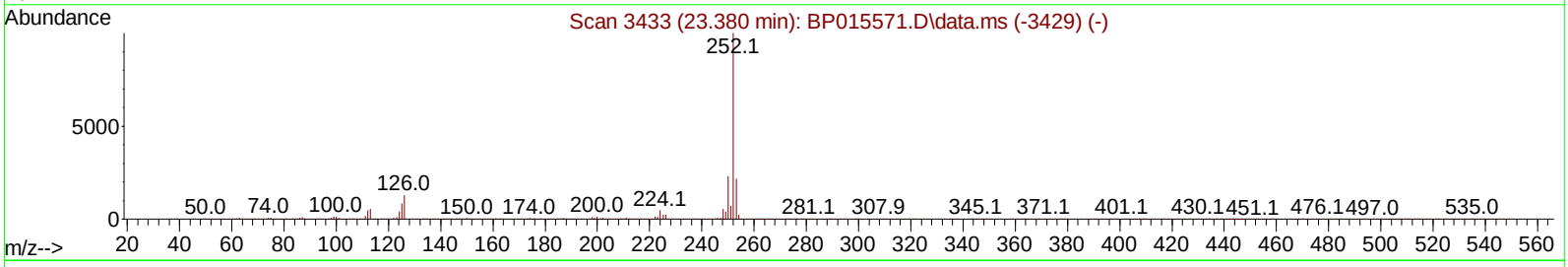
Instrument :
BNA_P
ClientSampleId :
DCFH2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023







TIC: BP015591.D\data.ms

(91) Benzo(k)fluoranthene

23.327min (-0.053) 18.33 ng/ul

response 1057983

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.90
125.00	9.10	10.28
0.00	0.00	0.00

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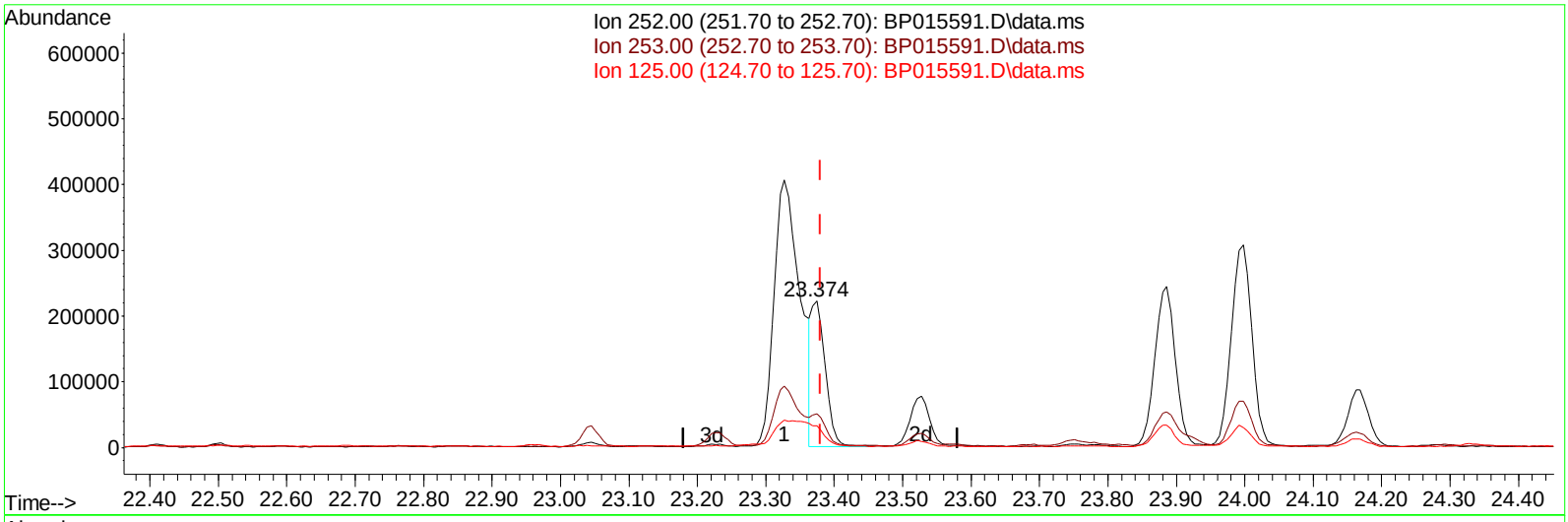

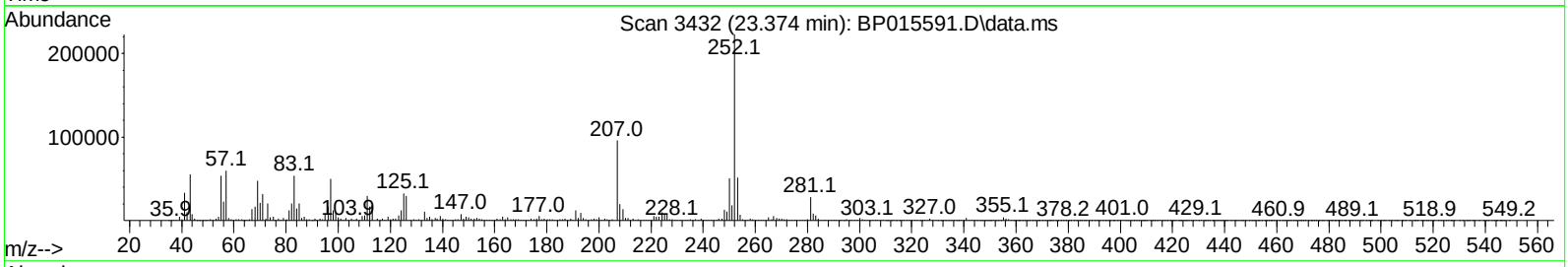

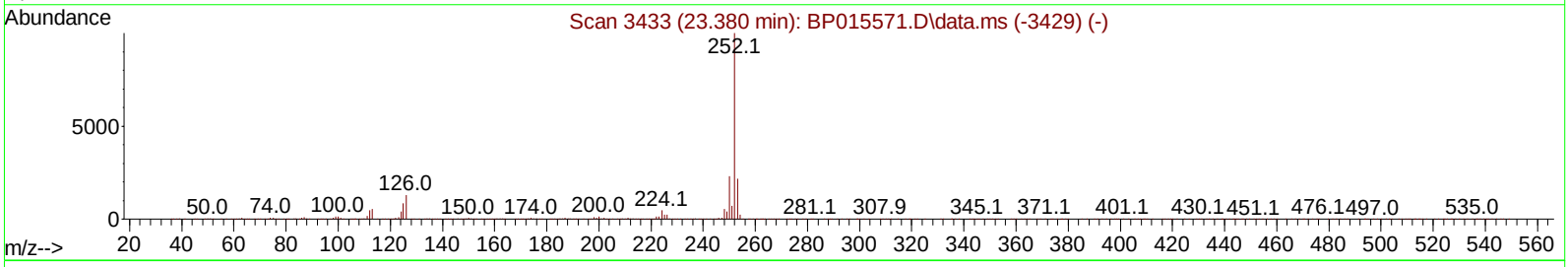

TIC: BP015591.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.006) 5.45 ng/ul m

response 314405

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.08
125.00	9.10	14.69#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 16 Jun 2023 21:26
Operator : MA/JU
Sample : 03080-03
Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	131935	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	581899	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	386611	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	876532	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	837251	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	925110	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	9331	2.619	ng/uL	0.00
4) Pyridine-d5	3.852	84	100347	10.843	ng/ul	0.00
7) Phenol-d5	7.240	99	196058	16.130	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	128497	17.702	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	157905	17.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	148754	14.912	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	81141	17.761	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	89682	17.190	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	161503	16.970	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	131595	9.633	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	573172	18.801	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	626089	18.781	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	51506	9.434	ng/ul	0.02
60) Fluorene-d10	15.716	176	489427	19.038	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	67463	12.149	ng/ul	0.00
73) Anthracene-d10	17.581	188	747276	18.738	ng/ul	0.00
81) Pyrene-d10	19.804	212	944910	21.087	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	904790	19.492	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.451	152	82968	2.247	ng/ul	99
72) Phenanthrene	17.522	178	575565	12.236	ng/ul	100
74) Anthracene	17.616	178	145931	3.058	ng/ul	99
80) Fluoranthene	19.480	202	1328562	24.340	ng/ul	100
82) Pyrene	19.833	202	1168841	20.698	ng/ul	99
85) Benzo(a)anthracene	21.545	228	683255	11.674	ng/ul	98
87) Chrysene	21.604	228	681284	12.314	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	1057983	17.717	ng/ul	97
91) Benzo(k)fluoranthene	23.374	252	314405m	5.447	ng/ul	
93) Benzo(a)pyrene	23.998	252	643588	12.362	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	464376	6.892	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.810	278	120102	2.188	ng/ul#	81
96) Benzo(g,h,i)perylene	27.633	276	425783	7.668	ng/ul	99

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

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