Quantitation Report (Qedit)

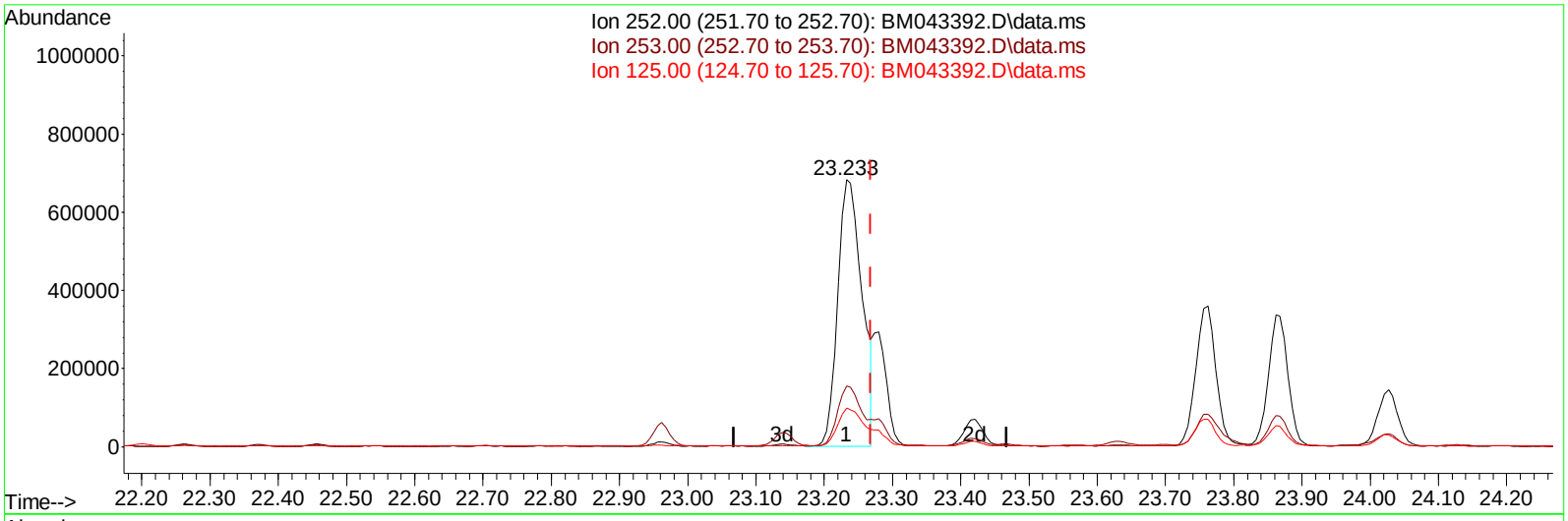
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043392.D
Acq On : 18 Dec 2023 14:29
Operator : MA/JU
Sample : 05626-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

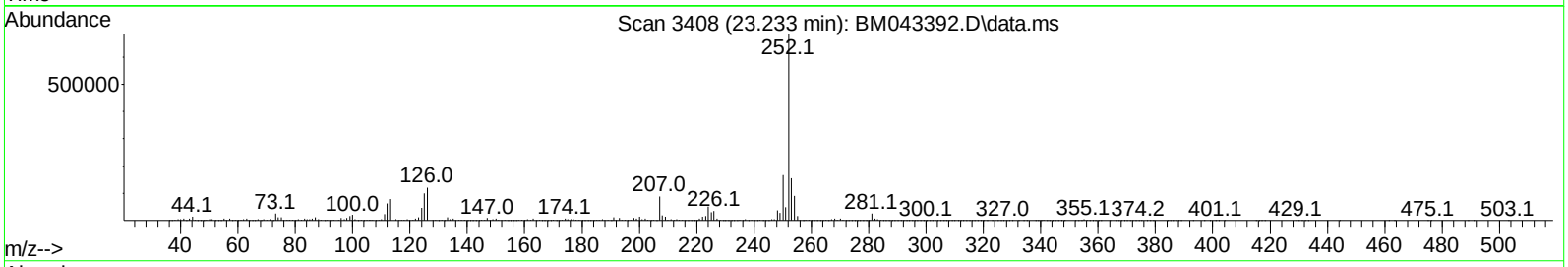
Quant Time: Dec 19 00:27:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

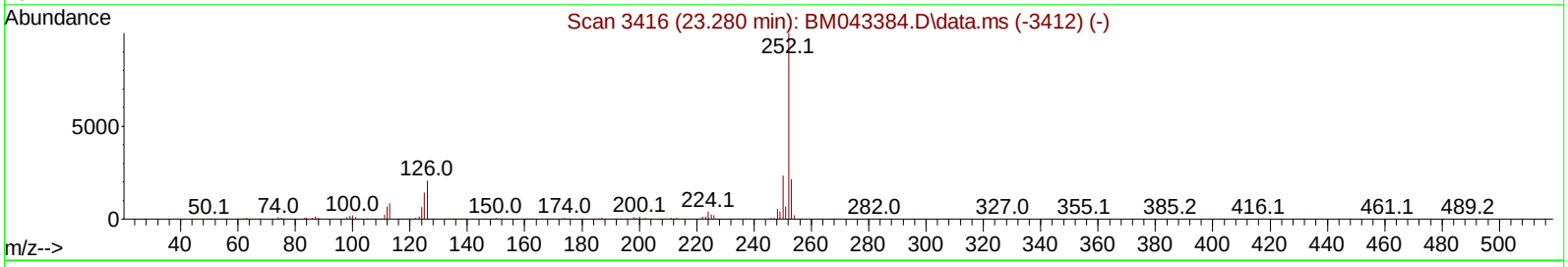
Instrument :
BNA_M
ClientSampleId :
DCLF5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023







TIC: BM043392.D\data.ms

(91) Benzo(k)fluoranthene

23.233min (-0.035) 12.52 ng/ul

response 1684146

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.72
125.00	12.80	14.58
0.00	0.00	0.00

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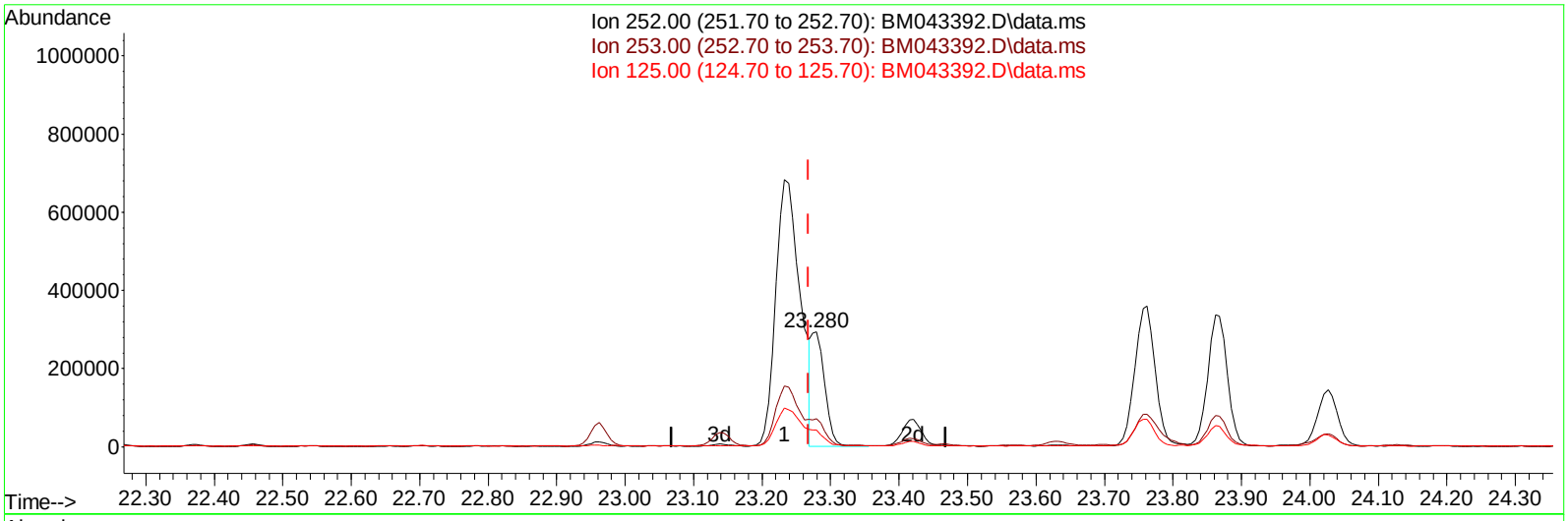

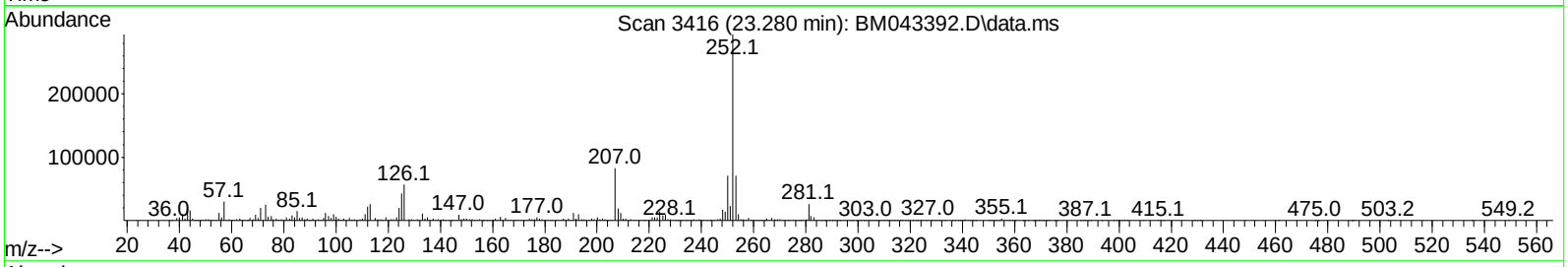

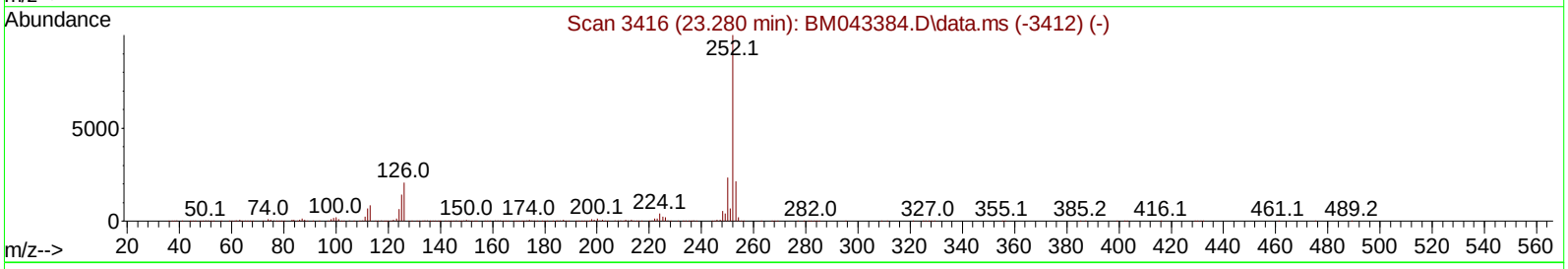

TIC: BM043392.D\data.ms

(91) Benzo(k)fluoranthene

23.280min (+ 0.012) 2.94 ng/ul m

response 395849

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	24.24
125.00	12.80	14.62
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	7.992	152	624238	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2638135	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1335472	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2252575	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	1595450	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1799977	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	64769	3.372	ng/uL	0.00
4) Pyridine-d5	3.804	84	933178	16.881	ng/ul	0.00
7) Phenol-d5	7.151	99	1393734	19.627	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	875523	19.468	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	1047341	19.317	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	1092100	19.819	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	533345	20.896	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	563334	21.360	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	934251	20.067	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	1318653	19.253	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2529631	21.042	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	3110028	21.807	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	403846	17.748	ng/ul	0.00
60) Fluorene-d10	15.615	176	2089795	21.022	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	246873	16.571	ng/ul	0.00
73) Anthracene-d10	17.468	188	2674493	21.171	ng/ul	0.00
81) Pyrene-d10	19.756	212	2608709	20.711	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	2380866	21.435	ng/ul	0.01
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.457	142	246331	2.152	ng/ul	99
37) 1-Methylnaphthalene	12.674	142	221472	1.919	ng/ul	98
50) Acenaphthylene	14.345	152	229730	1.403	ng/ul	98
52) Acenaphthene	14.686	153	2244429	20.794	ng/ul	98
61) Fluorene	15.668	166	2047742	17.195	ng/ul	99
72) Phenanthrene	17.415	178	5931488	38.851	ng/ul	99
74) Anthracene	17.504	178	1389374	9.017	ng/ul	100
80) Fluoranthene	19.421	202	3068844	19.674	ng/ul	99
82) Pyrene	19.786	202	2777558	17.321	ng/ul	100
85) Benzo(a)anthracene	21.527	228	462274	3.465	ng/ul	95
87) Chrysene	21.580	228	816806	6.806	ng/ul	98
90) Benzo(b)fluoranthene	23.233	252	1684146	12.210	ng/ul	97
91) Benzo(k)fluoranthene	23.280	252	395849m	2.942	ng/ul	
93) Benzo(a)pyrene	23.862	252	657827	5.227	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.491	276	543358	3.616	ng/ul	97
95) Dibenzo(a,h)anthracene	26.515	278	130924	1.052	ng/ul#	89
96) Benzo(g,h,i)perylene	27.273	276	458146	3.889	ng/ul	99

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

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