Quantitation Report (Qedit)

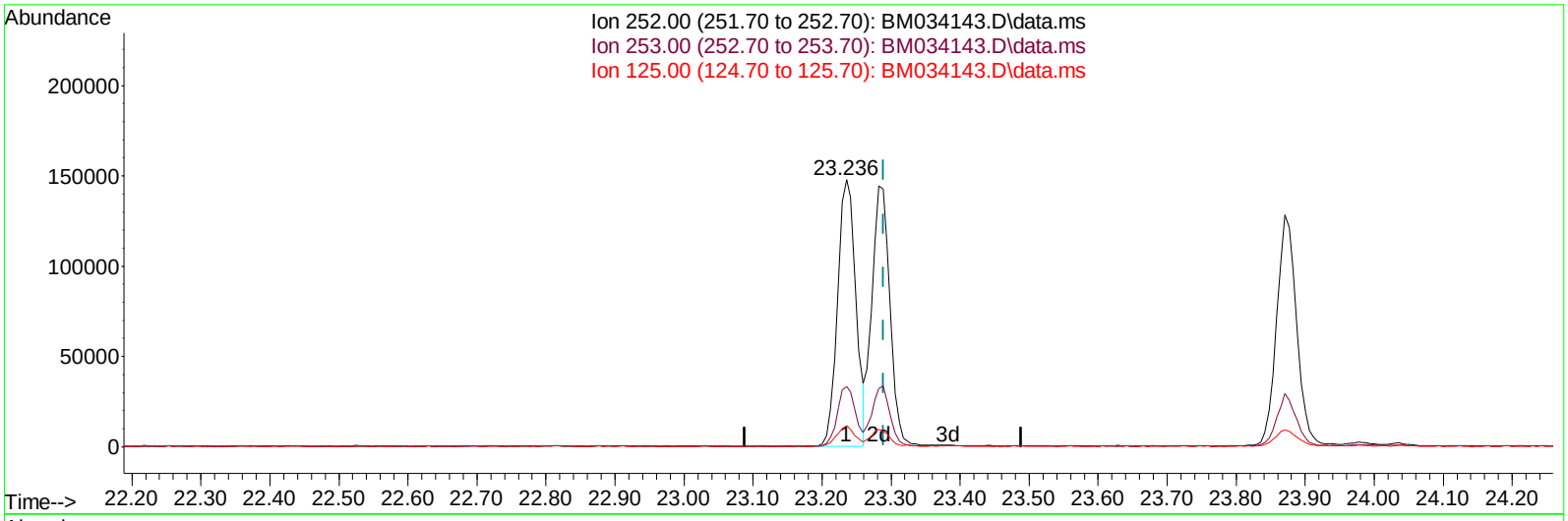
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034143.D
Acq On : 08 Mar 2022 09:19
Operator : CG/JU
Sample : SSTD00539
Misc :
ALS Vial : 2 Sample Multiplier: 1

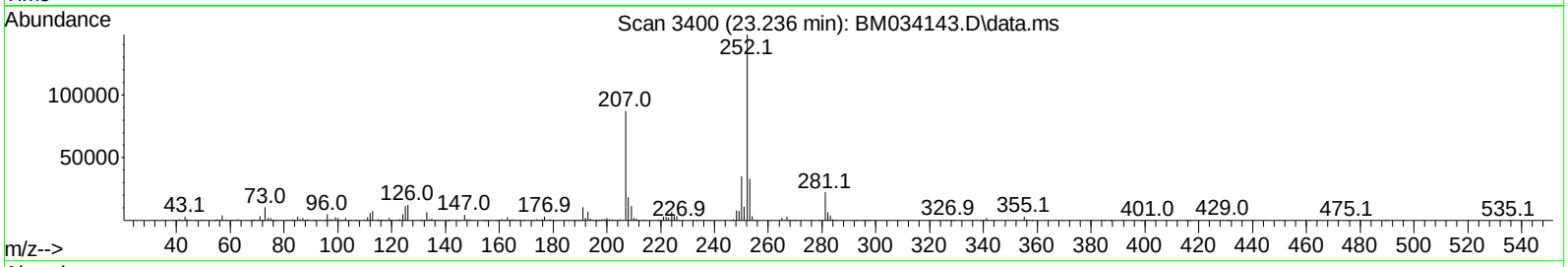
Quant Time: Mar 08 11:31:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 11:29:45 2022
Response via : Initial Calibration

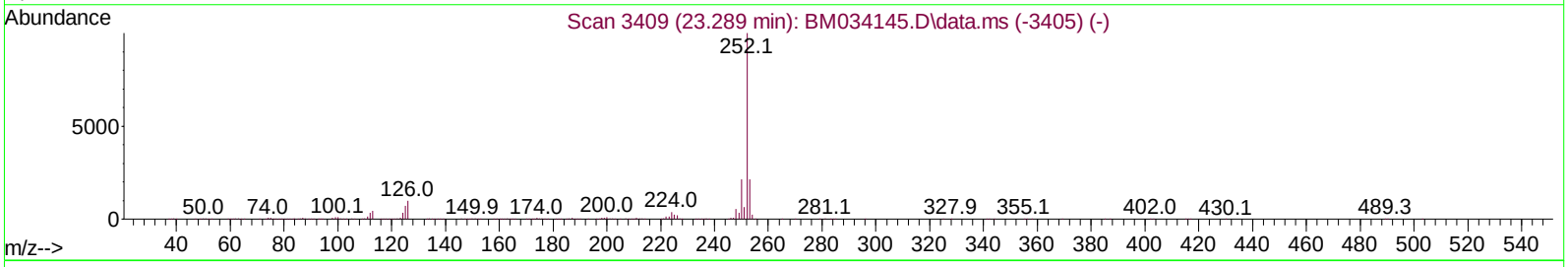
Instrument :
BNA_M
ClientSampleId :
SSTD005039

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/08/2022
Supervised By :Yogesh Patel 03/09/2022







TIC: BM034143.D\data.ms

(91) Benzo(k)fluoranthene

23.236min (-0.053) 5.03 ng/ul

response 271294

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.62
125.00	9.30	8.00
0.00	0.00	0.00

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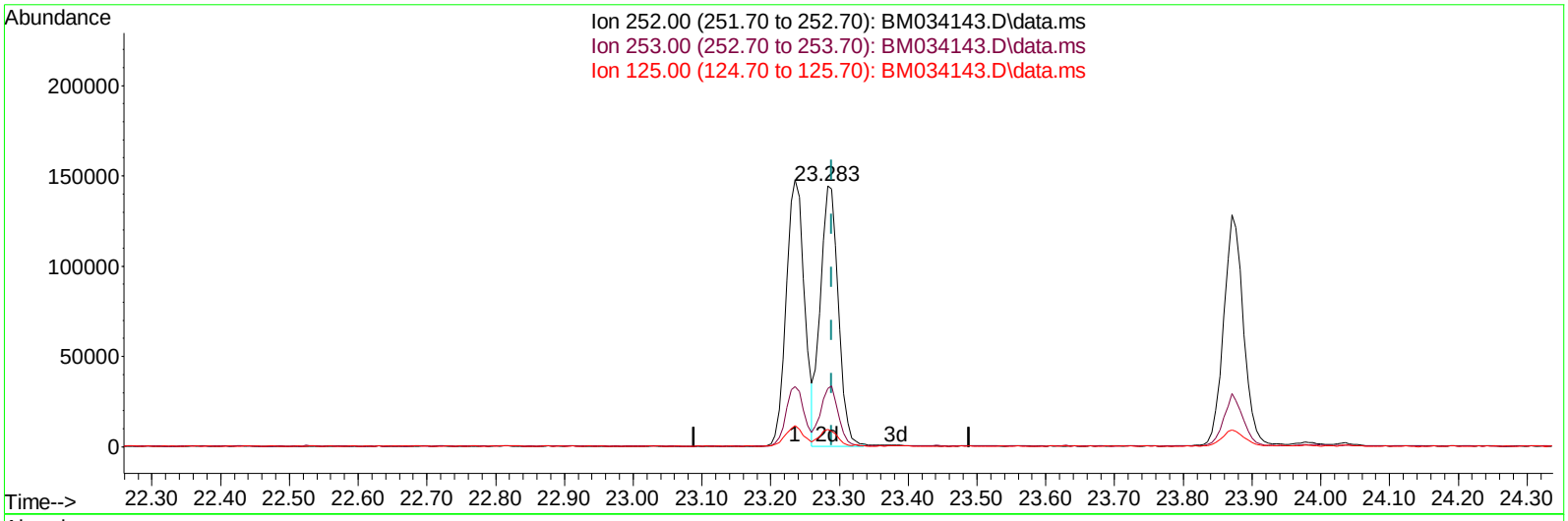

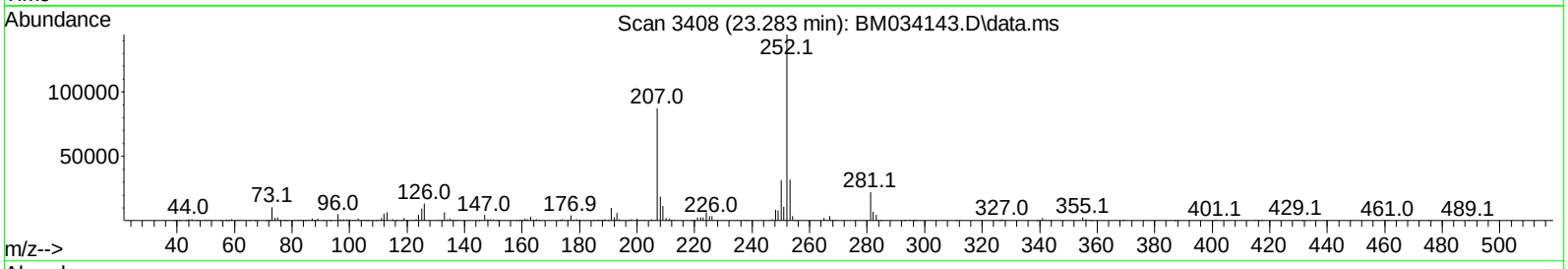

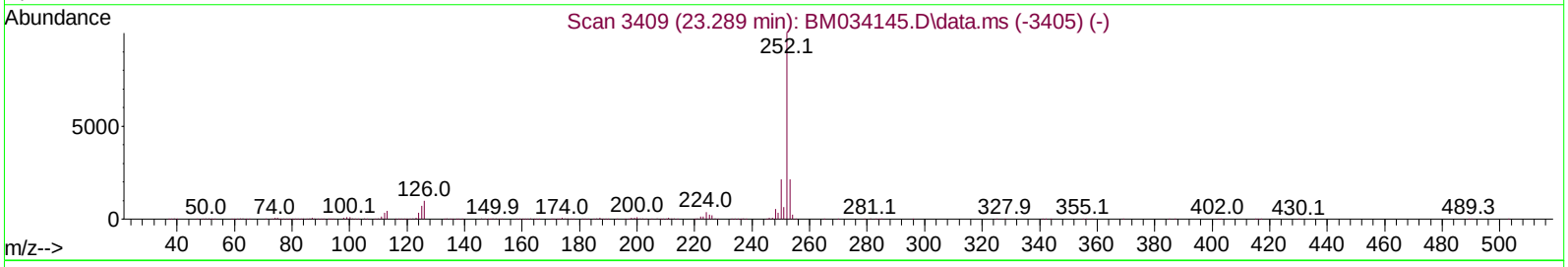

TIC: BM034143.D\data.ms

(91) Benzo(k)fluoranthene

23.283min (-0.006) 4.87 ng/ul m

response 262955

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.22
125.00	9.30	6.66#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	143580	20.000	ng/ul	0.00
20) Naphthalene-d8	10.807	136	567794	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.630	164	396077	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.365	188	876571	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.542	240	932379	20.000	ng/ul	# 0.00
88) Perylene-d12	23.983	264	904322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	5647	1.813	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.519	132	39723	4.493	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.148	128	19091	4.451	ng/ul	0.00
24) 2-Nitrophenol-d4	9.878	143	18701	3.836	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	42216	4.279	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.030	166	133280	4.447	ng/ul	0.00
49) Acenaphthylene-d8	14.319	160	159264	4.364	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.613	176	121512	4.691	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.465	188	194177	4.581	ng/ul	0.00
81) Pyrene-d10	19.753	212	230766	4.591	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.824	264	206532	4.481	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	6131	2.006	ng/uL#	78
12) 2-Chlorophenol	7.548	128	41433	4.722	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.795	70	28123	4.542	ng/ul#	81
19) Hexachloroethane	9.084	117	17303	4.709	ng/ul#	53
22) Nitrobenzene	9.195	77	44270	4.812	ng/ul#	85
23) Isophorone	9.725	82	73719	4.346	ng/ul#	92
25) 2-Nitrophenol	9.907	139	20508	4.075	ng/ul#	74
26) 2,4-Dimethylphenol	9.972	107	46048	4.568	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.207	93	50061	4.868	ng/ul	94
29) 2,4-Dichlorophenol	10.448	162	41965	4.429	ng/ul	91
30) Naphthalene	10.854	128	141806	4.984	ng/ul	99
33) Hexachlorobutadiene	11.154	225	35279	4.848	ng/ul	94
35) 4-Chloro-3-methylphenol	12.077	107	38449	4.334	ng/ul#	71
36) 2-Methylnaphthalene	12.460	142	96632	4.652	ng/ul	97
37) 1-Methylnaphthalene	12.677	142	98890	4.697	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.830	216	63410	4.819	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.060	196	33558	4.175	ng/ul	99
42) 2,4,5-Trichlorophenol	13.130	196	37563	4.249	ng/ul	94
43) 1,1'-Biphenyl	13.466	154	139968	4.794	ng/ul#	94
44) 2-Chloronaphthalene	13.507	162	109187	4.814	ng/ul	94
45) 2-Nitroaniline	13.701	65	20136	3.943	ng/ul#	49
47) Dimethylphthalate	14.077	163	134446	4.634	ng/ul	99
48) 2,6-Dinitrotoluene	14.195	165	22890	4.032	ng/ul#	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.348	152	163558	4.563	ng/ul	99
52) Acenaphthene	14.689	153	113011	4.751	ng/ul	97
56) Dibenzofuran	15.024	168	169868	4.862	ng/ul	92
57) 2,4-Dinitrotoluene	14.977	165	33473	4.057	ng/ul#	65
58) 2,3,4,6-Tetrachlorophenol	15.248	232	32511	4.250	ng/ul#	84
59) Diethylphthalate	15.436	149	128316	4.430	ng/ul	98
61) Fluorene	15.671	166	136990	4.702	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.665	204	76067	4.882	ng/ul#	86
67) N-Nitrosodiphenylamine	15.871	169	115178	4.525	ng/ul	98
68) 4-Bromophenyl-phenylether	16.560	248	41862	4.377	ng/ul#	88
69) Hexachlorobenzene	16.677	284	55755	4.807	ng/ul#	89
72) Phenanthrene	17.407	178	224944	4.731	ng/ul	98
74) Anthracene	17.501	178	222290	4.617	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.430	216	68141	4.925	ng/uL	94
76) Pentachlorobenzene	14.948	250	65004	4.749	ng/uL	97
78) Di-n-butylphthalate	18.336	149	189496	3.873	ng/ul	98
80) Fluoranthene	19.418	202	263094	4.530	ng/ul#	91
82) Pyrene	19.777	202	282529	4.710	ng/ul#	91
83) Butylbenzylphthalate	20.677	149	79196	3.744	ng/ul#	76
85) Benzo(a)anthracene	21.524	228	275597	4.835	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.453	149	114968	3.525	ng/ul#	97
87) Chrysene	21.577	228	275270	4.919	ng/ul	98
90) Benzo(b)fluoranthene	23.236	252	271294	4.731	ng/ul	98
91) Benzo(k)fluoranthene	23.283	252	262955m	4.871	ng/ul	
93) Benzo(a)pyrene	23.871	252	257220	4.685	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.535	276	274592	4.494	ng/ul	97
95) Dibenzo(a,h)anthracene	26.547	278	236494	4.471	ng/ul#	96
96) Benzo(g,h,i)perylene	27.312	276	231496	4.486	ng/ul#	95

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

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