Quantitation Report (Qedit)

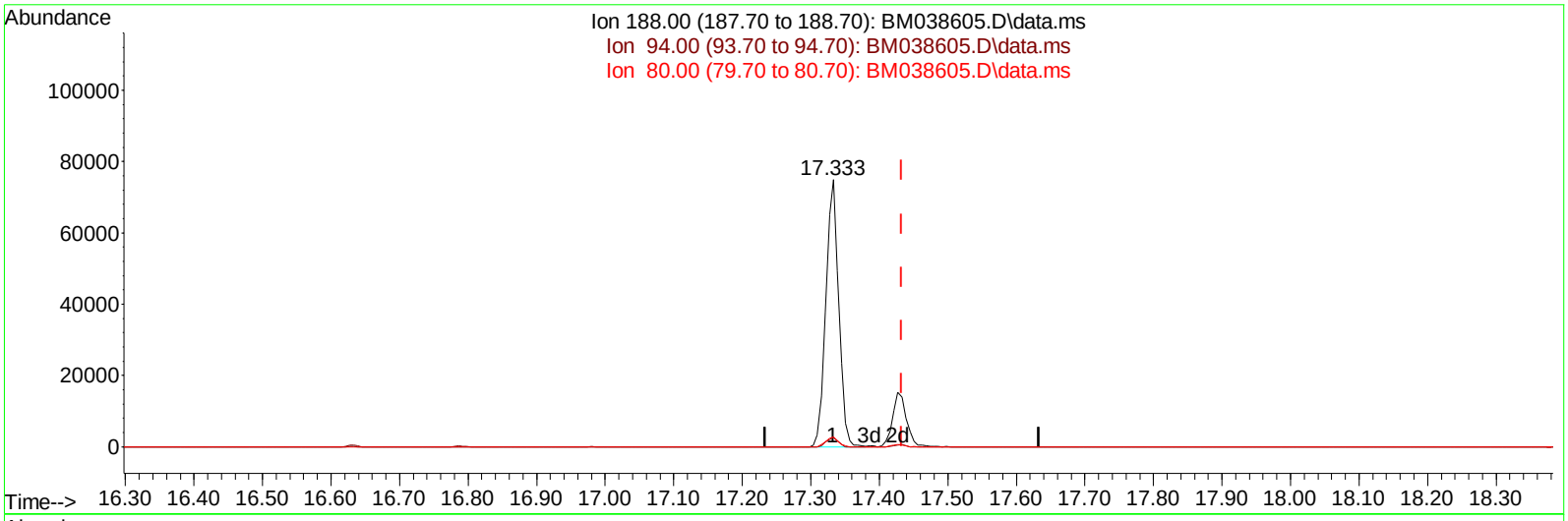
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
Data File : BM038605.D
Acq On : 30 Jan 2023 14:17
Operator : CG/JU
Sample : SSTD00521
Misc :
ALS Vial : 2 Sample Multiplier: 1

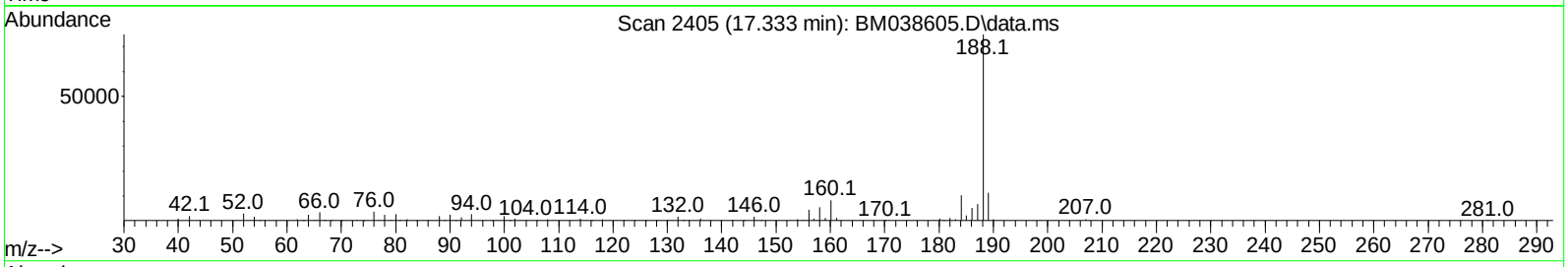
Quant Time: Jan 31 00:20:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 00:17:30 2023
Response via : Initial Calibration

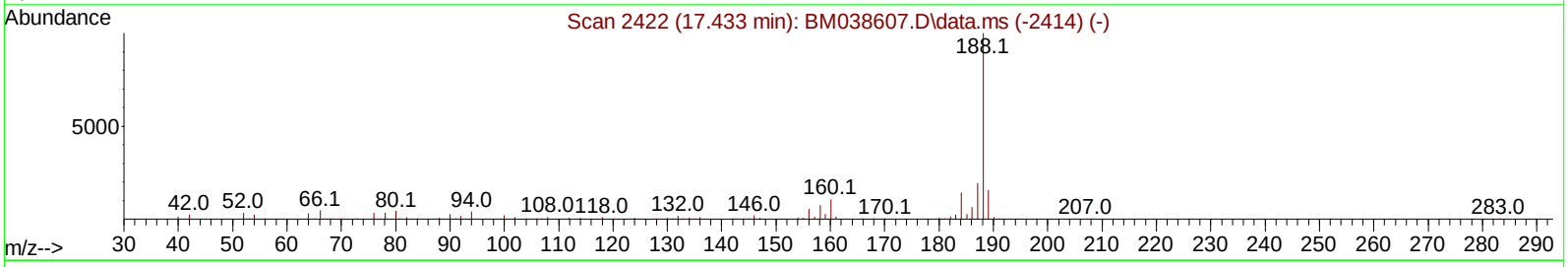
Instrument :
BNA_M
ClientSampleId :
SSTD005026

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2023
Supervised By :Yogesh Patel 01/31/2023







TIC: BM038605.D\data.ms

(73) Anthracene-d10 (S)

17.333min (-0.100) 19.88 ng/ul

response 98254

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	4.10	3.50
80.00	4.40	3.72
0.00	0.00	0.00

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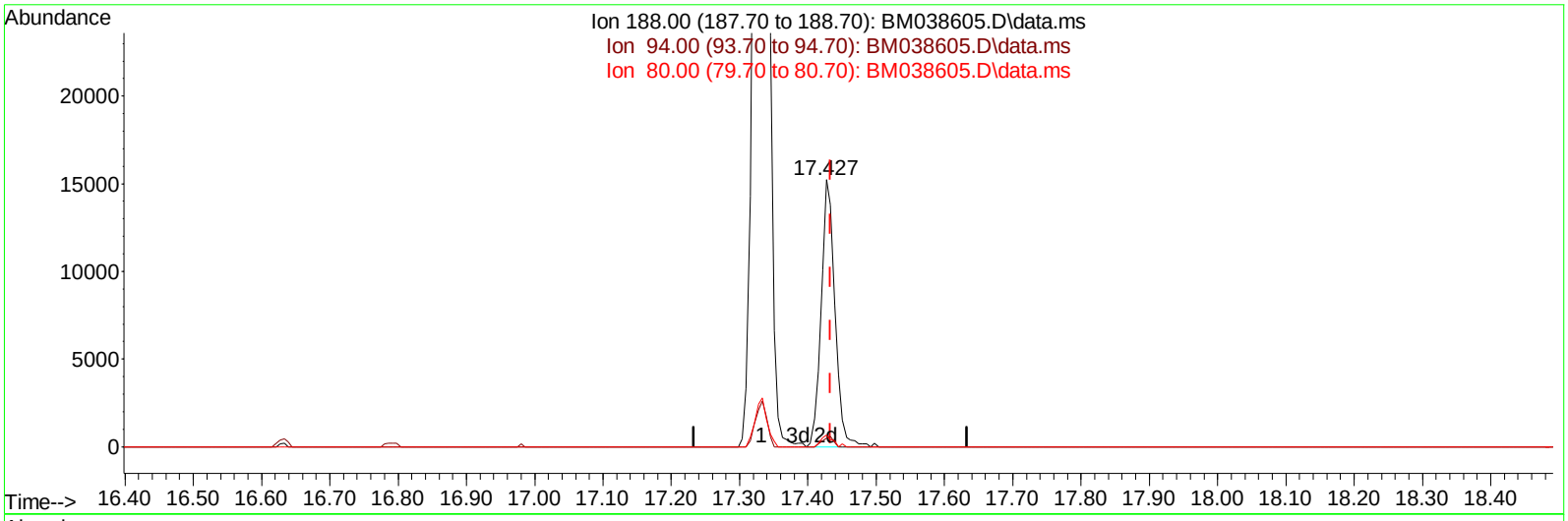

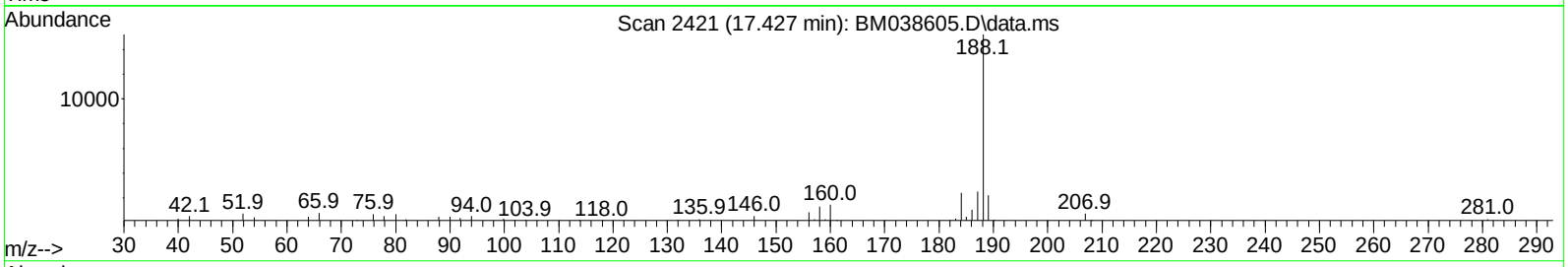

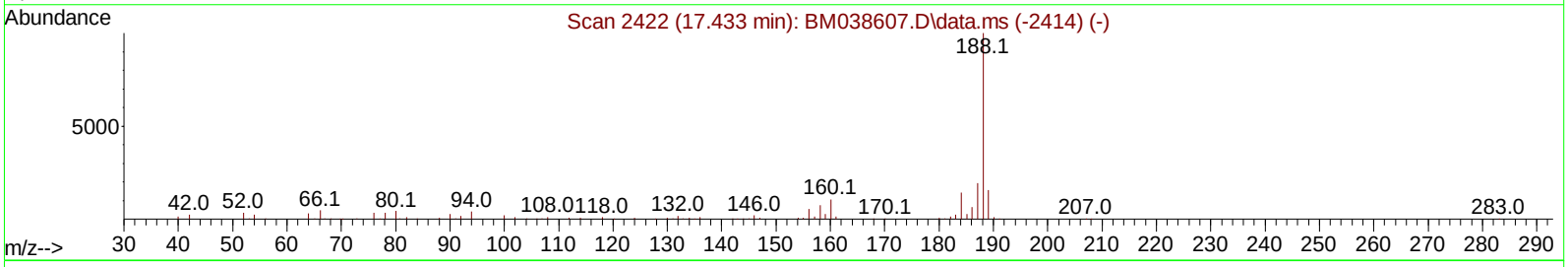

TIC: BM038605.D\data.ms

(73) Anthracene-d10 (S)

17.427min (-0.006) 4.34 ng/ul m

response 21431

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	4.10	3.21#
80.00	4.40	4.27
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	7.957	152	19573	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	60872	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	39627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	98254	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	121245	20.000	ng/ul	# 0.00
88) Perylene-d12	23.909	264	198855	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1031	1.887	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	7.487	132	4746	4.380	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.128	128	1972	4.274	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	2645	4.341	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	5654	4.193	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.998	166	15383	4.699	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	14885	4.273	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.580	176	12798	4.372	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.427	188	21431m	4.337	ng/ul	0.00
81) Pyrene-d10	19.715	212	26192	4.192	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	44096	4.320	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	1199	2.027	ng/uL#	90
12) 2-Chlorophenol	7.516	128	4973	4.574	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.769	70	3683	4.352	ng/ul#	90
19) Hexachloroethane	9.028	117	2739	4.995	ng/ul#	86
22) Nitrobenzene	9.169	77	6446	4.642	ng/ul	95
23) Isophorone	9.692	82	9643	4.589	ng/ul#	91
25) 2-Nitrophenol	9.887	139	2597	4.300	ng/ul	90
26) 2,4-Dimethylphenol	9.934	107	5874	4.477	ng/ul#	87
27) Bis(2-Chloroethoxy)met...	10.175	93	4735	4.419	ng/ul	92
29) 2,4-Dichlorophenol	10.416	162	5117	3.992	ng/ul	97
30) Naphthalene	10.816	128	13803	4.570	ng/ul	97
33) Hexachlorobutadiene	11.081	225	7022	5.272	ng/ul#	79
35) 4-Chloro-3-methylphenol	12.057	107	4138	4.087	ng/ul#	85
36) 2-Methylnaphthalene	12.422	142	9104	4.053	ng/ul	83
37) 1-Methylnaphthalene	12.639	142	9786	4.220	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.786	216	10516	5.391	ng/ul	97
41) 2,4,6-Trichlorophenol	13.033	196	5715	4.812	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.104	196	6063	4.780	ng/ul	90
43) 1,1'-Biphenyl	13.427	154	13603	4.464	ng/ul	94
44) 2-Chloronaphthalene	13.469	162	11148	4.404	ng/ul	99
45) 2-Nitroaniline	13.686	65	3046	4.499	ng/ul#	89
47) Dimethylphthalate	14.051	163	14524	4.509	ng/ul	99
48) 2,6-Dinitrotoluene	14.174	165	2332	3.909	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50)	Acenaphthylene	14.310	152	15020	4.312	ng/ul	94
52)	Acenaphthene	14.651	153	11759	4.535	ng/ul	99
56)	Dibenzofuran	14.986	168	16993	4.406	ng/ul	99
57)	2,4-Dinitrotoluene	14.963	165	3392	3.858	ng/ul#	91
58)	2,3,4,6-Tetrachlorophenol	15.216	232	5607	5.049	ng/ul#	92
59)	Diethylphthalate	15.404	149	13604	4.505	ng/ul	97
61)	Fluorene	15.633	166	13300	4.095	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.627	204	11231	4.915	ng/ul	92
67)	N-Nitrosodiphenylamine	15.845	169	11273	4.069	ng/ul	92
68)	4-Bromophenyl-phenylether	16.521	248	6905	4.988	ng/ul	94
69)	Hexachlorobenzene	16.633	284	7673	4.748	ng/ul	97
72)	Phenanthrene	17.374	178	20961	4.082	ng/ul	96
74)	Anthracene	17.462	178	21737	4.043	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.392	216	9774	5.176	ng/uL#	84
76)	Pentachlorobenzene	14.904	250	10284	5.233	ng/uL	91
78)	Di-n-butylphthalate	18.292	149	17384	3.850	ng/ul	98
80)	Fluoranthene	19.386	202	29988	4.141	ng/ul#	95
82)	Pyrene	19.751	202	31658	4.120	ng/ul#	97
83)	Butylbenzylphthalate	20.633	149	7994	3.606	ng/ul#	94
85)	Benzo(a)anthracene	21.486	228	38724	4.509	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.403	149	11513	3.650	ng/ul#	93
87)	Chrysene	21.539	228	35269	4.436	ng/ul	98
90)	Benzo(b)fluoranthene	23.174	252	51959	4.226	ng/ul	100
91)	Benzo(k)fluoranthene	23.221	252	49660	4.054	ng/ul	99
93)	Benzo(a)pyrene	23.803	252	50778	4.460	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.415	276	83379	4.633	ng/ul#	96
95)	Dibenzo(a,h)anthracene	26.427	278	70110	4.590	ng/ul#	99
96)	Benzo(g,h,i)perylene	27.191	276	72284	4.949	ng/ul	99

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

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