Quantitation Report (Qedit)

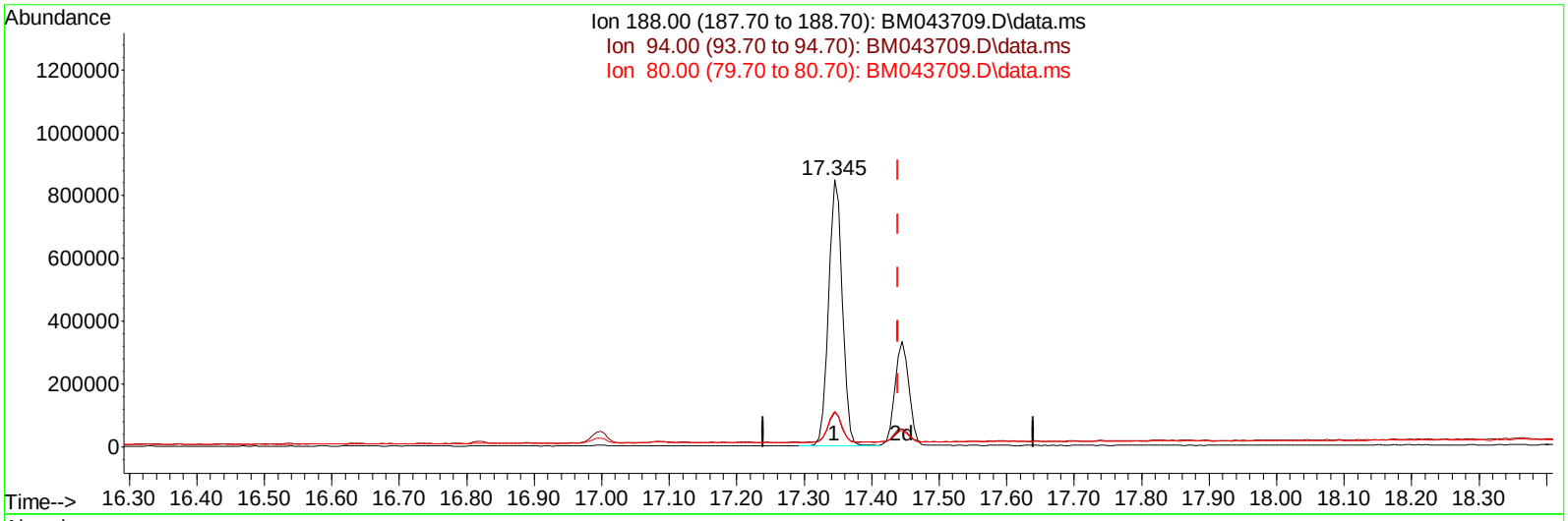
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043709.D
Acq On : 03 Jan 2024 00:06
Operator : MA/JU
Sample : 05919-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

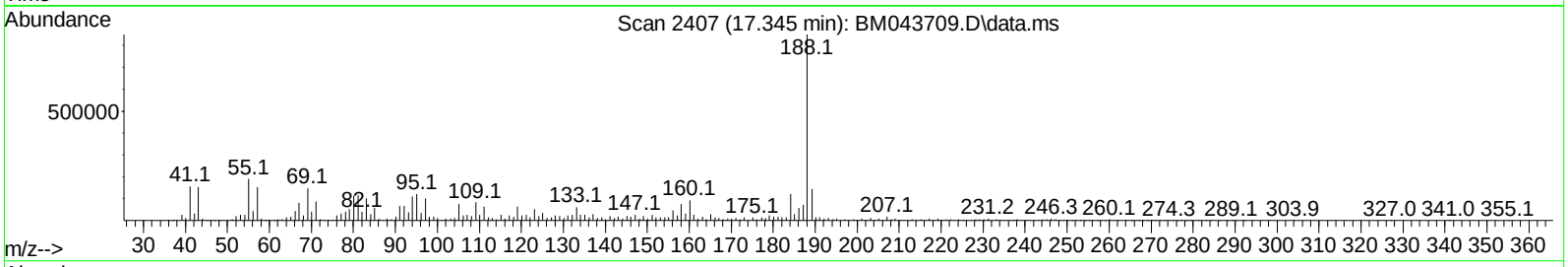
Quant Time: Jan 03 00:41:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

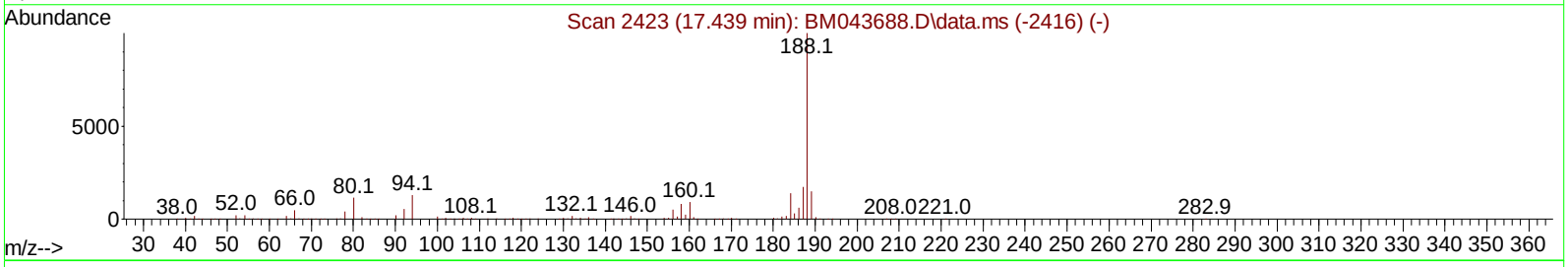
Instrument :
BNA_M
ClientSampleId :
GCF36MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024







TIC: BM043709.D\data.ms

(73) Anthracene-d10 (S)

17.345min (-0.094) 17.83 ng/ul

response 1194319

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	12.77
80.00	11.90	13.34
0.00	0.00	0.00

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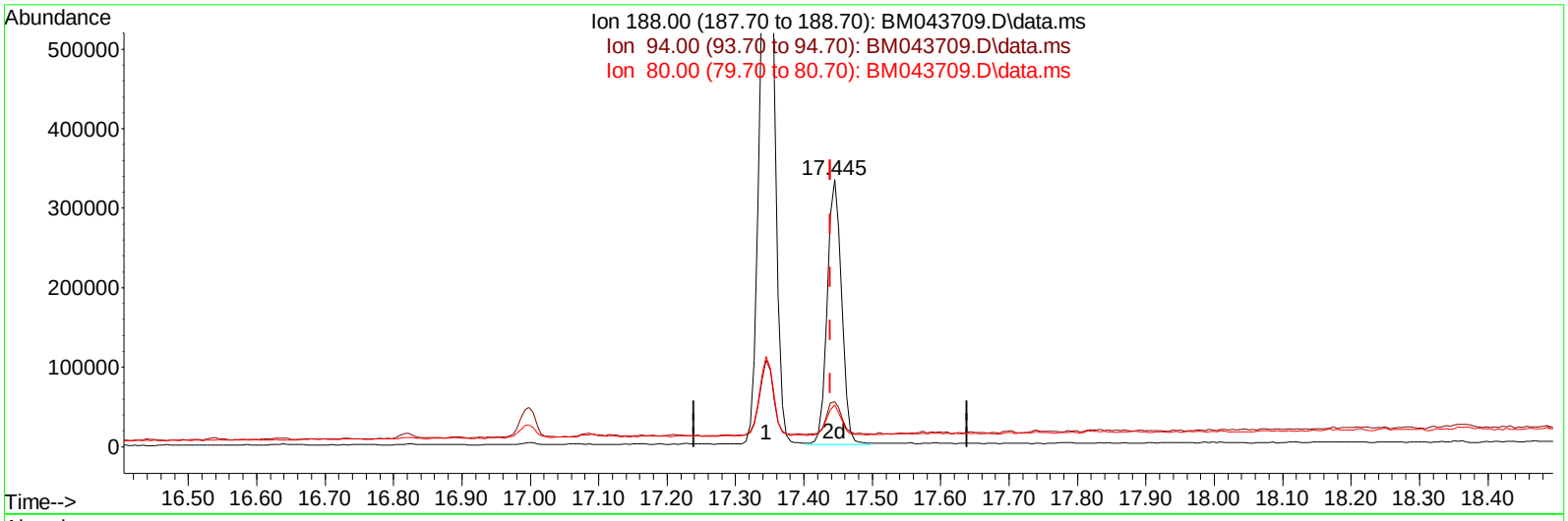

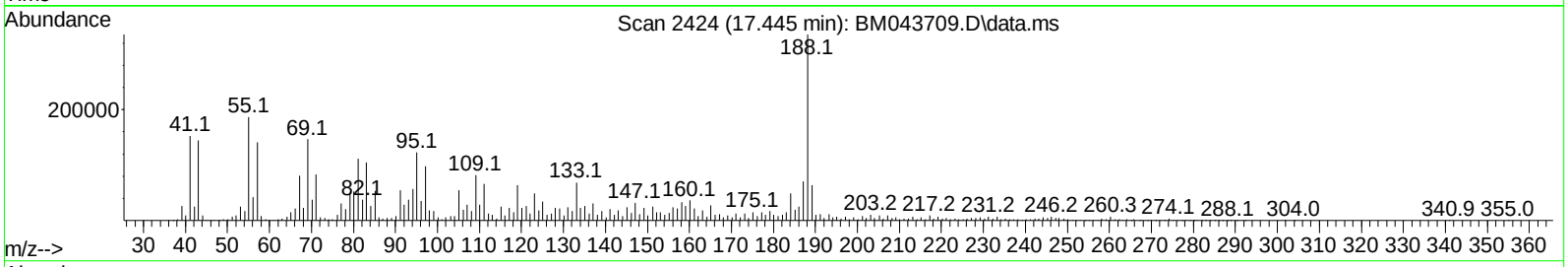

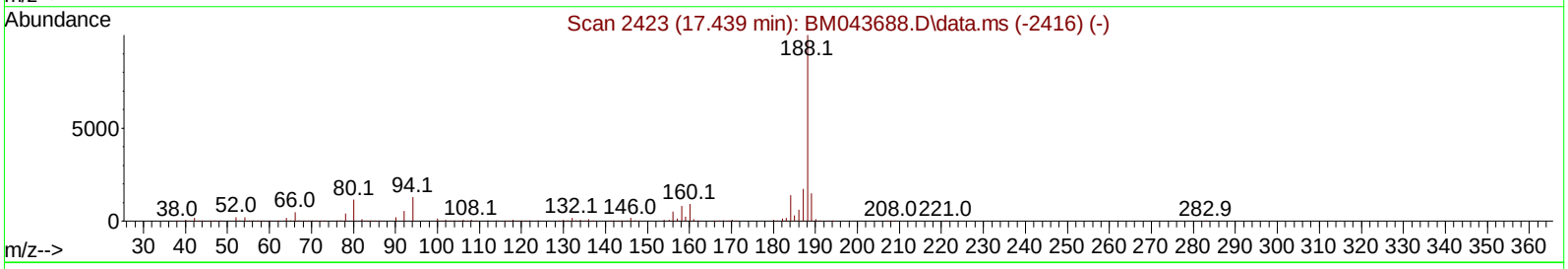

TIC: BM043709.D\data.ms

(73) Anthracene-d10 (S)

17.445min (+ 0.006) 7.26 ng/ul m

response 486570

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	16.93
80.00	11.90	15.62#
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	251357	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1014448	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	581525	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1194319	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1076153	20.000	ng/ul	0.01
88) Perylene-d12	23.944	264	1213163	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	7563	0.978	ng/uL	0.00
4) Pyridine-d5	3.805	84	72758	3.269	ng/ul	0.02
7) Phenol-d5	7.128	99	166350	5.818	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.298	67	100241	5.535	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	130420	5.974	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	112938	5.090	ng/ul	0.01
21) Nitrobenzene-d5	9.134	128	63694	6.489	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	68019	6.707	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	125189	6.993	ng/ul	0.01
31) 4-Chloroaniline-d4	10.922	131	43991	1.670	ng/ul	0.01
46) Dimethylphthalate-d6	14.016	166	353661	6.756	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	442408	7.124	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	77145	7.786	ng/ul	0.02
60) Fluorene-d10	15.586	176	333804	7.711	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	43871	5.554	ng/ul	0.00
73) Anthracene-d10	17.445	188	486570m	7.264	ng/ul	0.00
81) Pyrene-d10	19.739	212	596810	7.024	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.786	264	518016	6.919	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	14973	1.752	ng/uL#	87
5) Pyridine	3.822	79	91292	3.966	ng/ul	95
6) Benzaldehyde	7.104	77	92367	6.813	ng/ul	97
8) Phenol	7.157	94	150840	5.362	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.393	93	116532	5.103	ng/ul	98
12) 2-Chlorophenol	7.522	128	116937	5.258	ng/ul	96
13) 2-Methylphenol	8.410	108	103086	4.826	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.487	45	186365	4.860	ng/ul	99
16) Acetophenone	8.792	105	168018	4.946	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.775	70	90001	4.439	ng/ul	98
18) 4-Methylphenol	8.739	108	114589	4.950	ng/ul	99
19) Hexachloroethane	9.028	117	44537	4.749	ng/ul	97
22) Nitrobenzene	9.175	77	133087	5.479	ng/ul	99
23) Isophorone	9.704	82	246448	5.002	ng/ul	100
25) 2-Nitrophenol	9.886	139	61458	5.702	ng/ul	97
26) 2,4-Dimethylphenol	9.945	107	62232	3.241	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.186	93	147978	5.086	ng/ul	100
29) 2,4-Dichlorophenol	10.422	162	103118	5.935	ng/ul	100
30) Naphthalene	10.816	128	367033	5.677	ng/ul	99
32) 4-Chloroaniline	10.945	127	52886	2.088	ng/ul	99
33) Hexachlorobutadiene	11.086	225	54557	6.159	ng/ul	93
34) Caprolactam	11.739	113	34556	6.224	ng/ul	96
35) 4-Chloro-3-methylphenol	12.069	107	117196	5.743	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	246675	5.605 ng/ul	100
37) 1-Methylnaphthalene	12.645	142	247008	5.565 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	107379	6.060 ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	14765	1.328 ng/ul	98
41) 2,4,6-Trichlorophenol	13.039	196	80191	6.367 ng/ul	96
42) 2,4,5-Trichlorophenol	13.110	196	87833	6.568 ng/ul	99
43) 1,1'-Biphenyl	13.433	154	311050	5.611 ng/ul	99
44) 2-Chloronaphthalene	13.474	162	256236	6.029 ng/ul	99
45) 2-Nitroaniline	13.692	65	87867	6.165 ng/ul	96
47) Dimethylphthalate	14.063	163	301218	5.826 ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	59405	5.943 ng/ul	95
50) Acenaphthylene	14.321	152	431289	6.048 ng/ul	99
51) 3-Nitroaniline	14.521	138	49424	4.307 ng/ul#	94
52) Acenaphthene	14.657	153	286061	6.086 ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	24210	4.550 ng/ul	90
55) 4-Nitrophenol	14.833	109	55648	7.233 ng/ul	90
56) Dibenzofuran	14.992	168	380149	6.263 ng/ul	99
57) 2,4-Dinitrotoluene	14.969	165	86775	6.145 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.221	232	149168	14.559 ng/ul#	98
59) Diethylphthalate	15.421	149	329857	6.226 ng/ul	99
61) Fluorene	15.645	166	332973	6.421 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.639	204	141271	6.193 ng/ul	97
63) 4-Nitroaniline	15.680	138	69314	6.600 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.727	198	39416	4.674 ng/ul#	41
67) N-Nitrosodiphenylamine	15.857	169	274785	5.990 ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	83500	5.901 ng/ul	93
69) Hexachlorobenzene	16.639	284	105692	6.520 ng/ul	96
70) Atrazine	16.821	200	86700	8.622 ng/ul#	88
71) Pentachlorophenol	16.998	266	3146385	321.059 ng/ul	98
72) Phenanthrene	17.386	178	539267	6.662 ng/ul#	94
74) Anthracene	17.480	178	595031	7.284 ng/ul#	96
75) 1,2,3,4-Tetrachloroben...	13.392	216	108174	5.515 ng/uL	96
76) Pentachlorobenzene	14.904	250	112898	5.911 ng/uL	99
77) Carbazole	17.757	167	544890	7.815 ng/ul#	93
78) Di-n-butylphthalate	18.321	149	620172	6.804 ng/ul#	94
80) Fluoranthene	19.404	202	609162	5.790 ng/ul	97
82) Pyrene	19.768	202	660769	6.109 ng/ul	98
83) Butylbenzylphthalate	20.674	149	311548	6.662 ng/ul	91
85) Benzo(a)anthracene	21.515	228	593110	6.591 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.445	149	459195	6.897 ng/ul#	98
87) Chrysene	21.568	228	550564	6.801 ng/ul	98
89) Di-n-octyl phthalate	22.386	149	754937	6.505 ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	574037	6.175 ng/ul	97
91) Benzo(k)fluoranthene	23.256	252	547361	6.037 ng/ul	99
93) Benzo(a)pyrene	23.833	252	506460	5.971 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.468	276	668510	6.601 ng/ul	98
95) Dibenzo(a,h)anthracene	26.485	278	554438	6.611 ng/ul	99
96) Benzo(g,h,i)perylene	27.238	276	445353	5.610 ng/ul	96

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

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