Quantitation Report (Qedit)

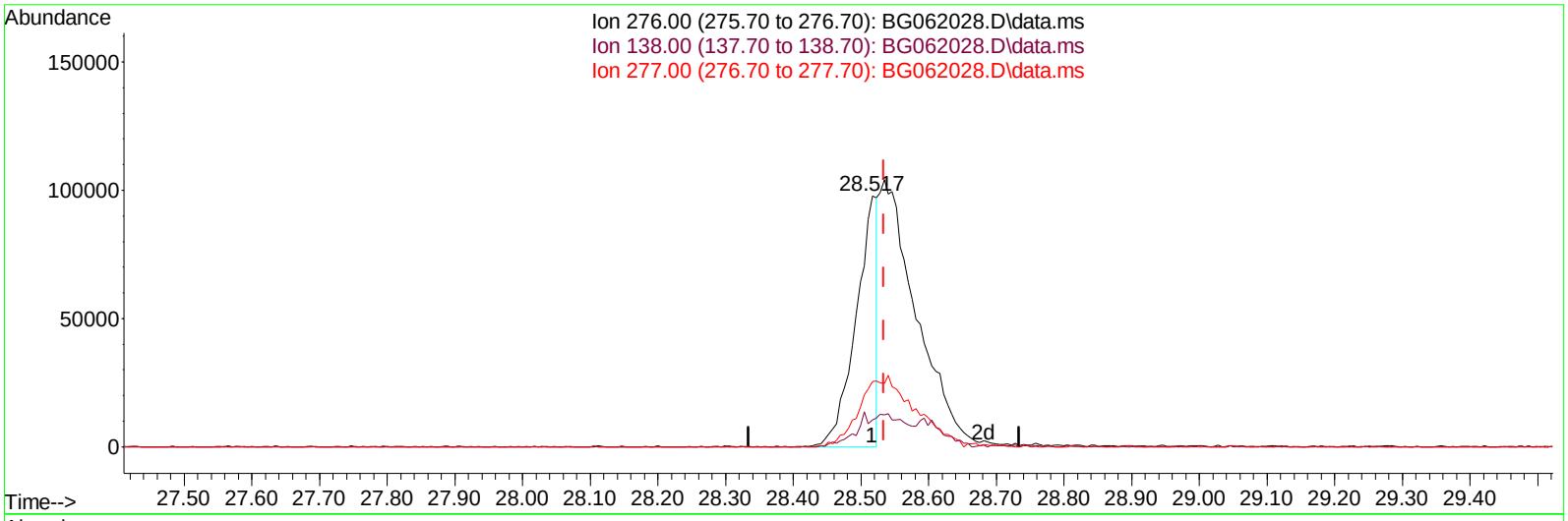
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062028.D
Acq On : 12 Jul 2024 3:58
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

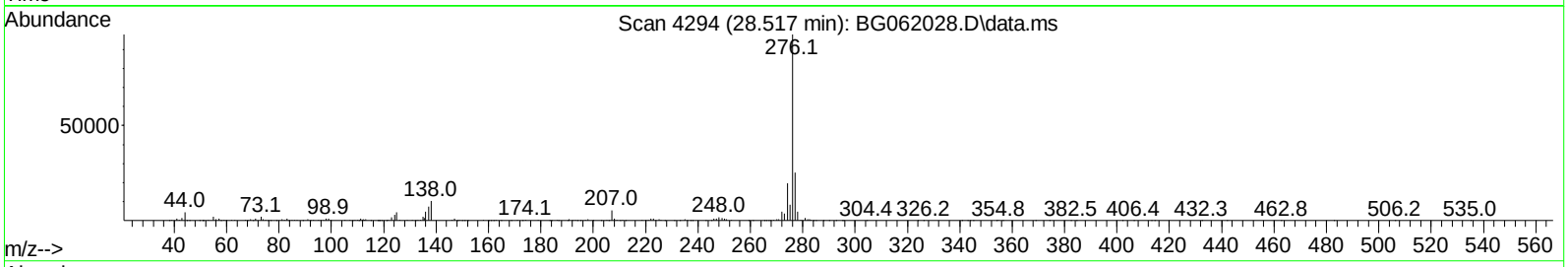
Quant Time: Jul 12 04:56:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

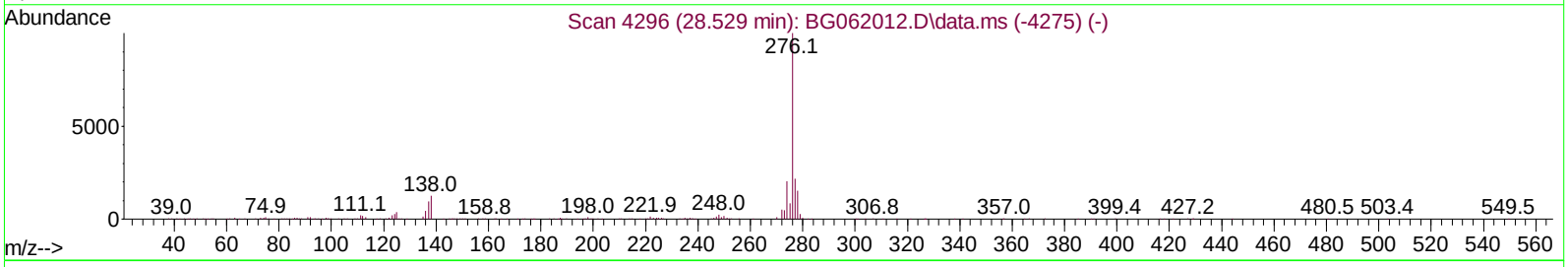
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062028.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.517min (-0.018) 6.73 ng/ul

response 213461

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.81#
277.00	24.10	26.04
0.00	0.00	0.00

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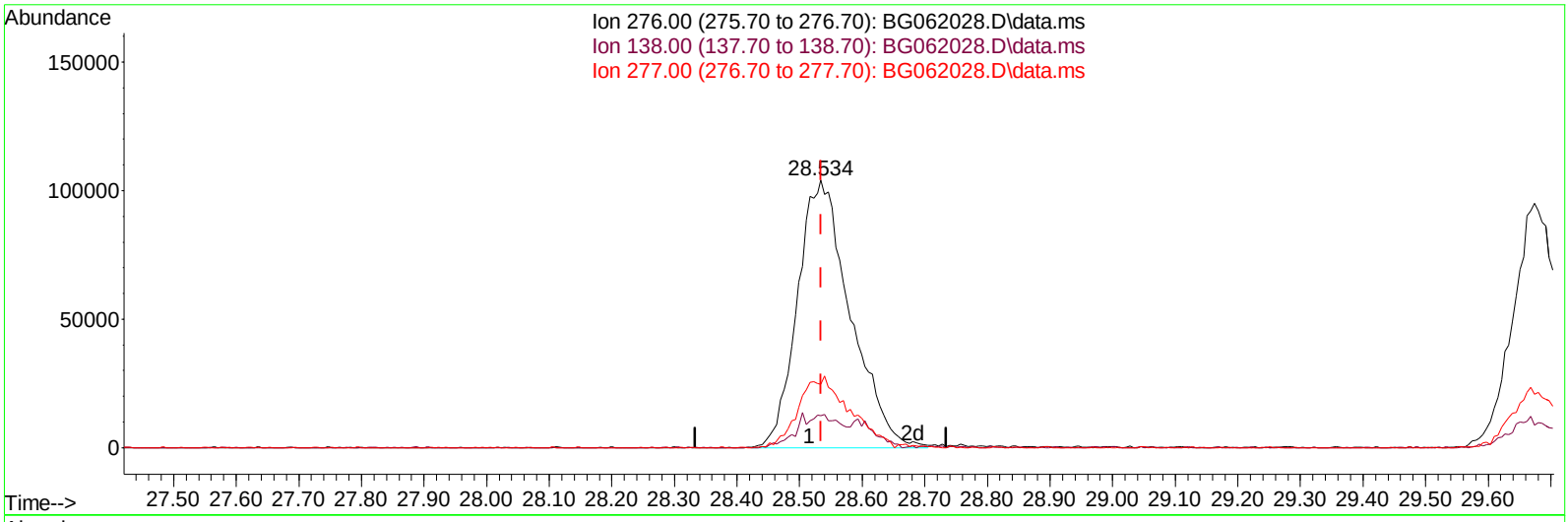

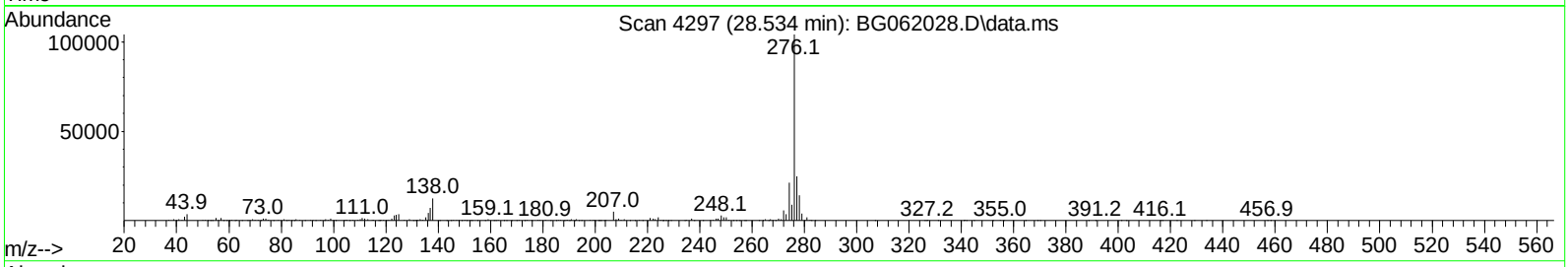

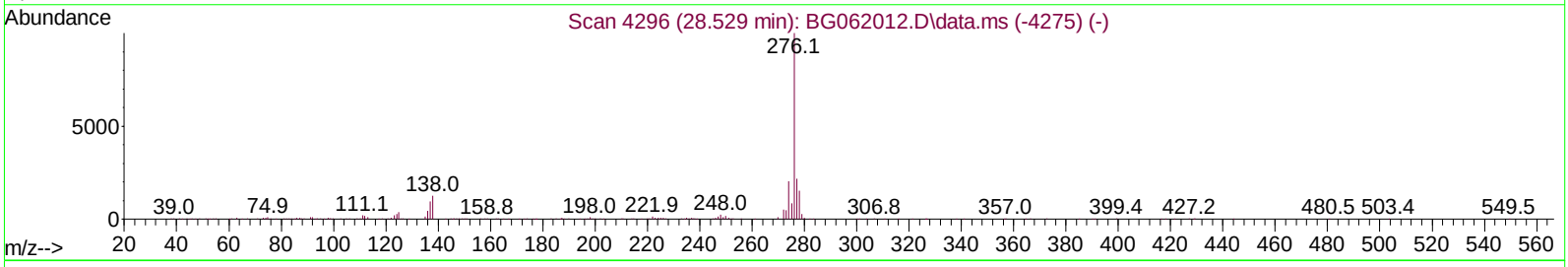

TIC: BG062028.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.534min (-0.000) 19.18 ng/ul m

response 608533

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	12.01
277.00	24.10	23.83
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	8.041	152	47934	20.000	ng/ul	0.00
20) Naphthalene-d8	10.849	136	225031	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.674	164	162365	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.418	188	384048	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.672	240	350467	20.000	ng/ul	# 0.00
88) Perylene-d12	24.880	264	416094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	9753	7.646	ng/uL	0.00
4) Pyridine-d5	3.857	84	70265	17.915	ng/ul	0.00
7) Phenol-d5	7.200	99	98309	18.741	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.359	67	57102	17.189	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	72371	20.113	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	78035	18.894	ng/ul	0.00
21) Nitrobenzene-d5	9.204	128	33389	19.509	ng/ul	0.00
24) 2-Nitrophenol-d4	9.933	143	40883	20.918	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.473	165	81848	21.712	ng/ul	0.00
31) 4-Chloroaniline-d4	10.990	131	102188	18.671	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	244874	18.345	ng/ul	0.00
49) Acenaphthylene-d8	14.368	160	280757	20.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	36179	16.972	ng/ul	0.00
60) Fluorene-d10	15.661	176	214869	19.121	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.779	200	43067	21.352	ng/ul	0.00
73) Anthracene-d10	17.512	188	338276	18.866	ng/ul	0.00
81) Pyrene-d10	19.797	212	380161	18.442	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.656	264	403903	19.573	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	11190	7.948	ng/uL	93
5) Pyridine	3.875	79	75148	18.683	ng/ul	88
6) Benzaldehyde	7.177	77	59626	21.477	ng/ul#	87
8) Phenol	7.224	94	100835	18.775	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.453	93	69673	16.887	ng/ul	98
12) 2-Chlorophenol	7.600	128	72600	19.804	ng/ul#	91
13) 2-Methylphenol	8.481	108	70261	18.329	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.552	45	149679	16.606	ng/ul#	97
16) Acetophenone	8.863	105	121305	17.780	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.840	70	62979	16.489	ng/ul	86
18) 4-Methylphenol	8.804	108	78851	18.368	ng/ul	93
19) Hexachloroethane	9.122	117	31069	19.537	ng/ul#	83
22) Nitrobenzene	9.251	77	101226	20.837	ng/ul	95
23) Isophorone	9.768	82	182998	16.674	ng/ul#	94
25) 2-Nitrophenol	9.962	139	39979	20.058	ng/ul#	89
26) 2,4-Dimethylphenol	10.021	107	96196	20.166	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.250	93	102615	16.978	ng/ul	96
29) 2,4-Dichlorophenol	10.497	162	73840	20.852	ng/ul#	86
30) Naphthalene	10.902	128	244017	19.741	ng/ul#	96
32) 4-Chloroaniline	11.014	127	99864	18.596	ng/ul	98
33) Hexachlorobutadiene	11.172	225	58550	21.972	ng/ul	91
34) Caprolactam	11.772	113	25738	18.552	ng/ul	90
35) 4-Chloro-3-methylphenol	12.130	107	93962	19.923	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.506	142	168904	18.861	ng/ul	95
37) 1-Methylnaphthalene	12.723	142	176266	18.941	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.864	216	102122	20.944	ng/ul	98
40) Hexachlorocyclopentadiene	12.835	237	54004	16.638	ng/ul	87
41) 2,4,6-Trichlorophenol	13.105	196	63784	19.695	ng/ul	96
42) 2,4,5-Trichlorophenol	13.182	196	68193	19.169	ng/ul	87
43) 1,1'-Biphenyl	13.505	154	237185	18.959	ng/ul#	98
44) 2-Chloronaphthalene	13.552	162	182683	19.457	ng/ul	95
45) 2-Nitroaniline	13.757	65	79815	21.228	ng/ul	95
47) Dimethylphthalate	14.116	163	237414	18.491	ng/ul	98
48) 2,6-Dinitrotoluene	14.245	165	49732	20.418	ng/ul#	94
50) Acenaphthylene	14.398	152	295868	19.313	ng/ul	98
51) 3-Nitroaniline	14.574	138	46926	19.792	ng/ul	96
52) Acenaphthene	14.739	153	206918	19.561	ng/ul	95
53) 2,4-Dinitrophenol	14.786	184	26484	20.812	ng/ul	90
55) 4-Nitrophenol	14.891	109	51350	21.106	ng/ul	91
56) Dibenzofuran	15.068	168	288168	19.275	ng/ul	96
57) 2,4-Dinitrotoluene	15.032	165	72727	20.360	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.291	232	63581	19.792	ng/ul#	96
59) Diethylphthalate	15.479	149	248904	17.990	ng/ul	96
61) Fluorene	15.720	166	245475	19.307	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.708	204	123037	19.266	ng/ul	96
63) 4-Nitroaniline	15.737	138	49004	20.369	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.790	198	42333	19.502	ng/ul#	93
67) N-Nitrosodiphenylamine	15.920	169	201849	19.246	ng/ul	96
68) 4-Bromophenyl-phenylether	16.601	248	88758	20.372	ng/ul	96
69) Hexachlorobenzene	16.713	284	106439	21.245	ng/ul	97
70) Atrazine	16.866	200	85696	20.698	ng/ul	91
71) Pentachlorophenol	17.059	266	54020	19.616	ng/ul	99
72) Phenanthrene	17.459	178	388150	19.168	ng/ul	98
74) Anthracene	17.547	178	394589	18.855	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.470	216	100368	21.042	ng/ul	99
76) Pentachlorobenzene	14.985	250	113795	20.917	ng/ul	90
77) Carbazole	17.817	167	339592	19.282	ng/ul#	97
78) Di-n-butylphthalate	18.364	149	428685	18.958	ng/ul	98
80) Fluoranthene	19.463	202	449108	18.409	ng/ul#	96
82) Pyrene	19.827	202	457256	18.145	ng/ul#	92
83) Butylbenzylphthalate	20.702	149	196455	18.576	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.566	252	182026	21.832	ng/ul#	99
85) Benzo(a)anthracene	21.654	228	488628	19.256	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.548	149	283029	18.650	ng/ul#	99
87) Chrysene	21.719	228	453731	19.101	ng/ul	97
89) Di-n-octyl phthalate	22.753	149	496284	19.523	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	492208	18.776	ng/ul	96
91) Benzo(k)fluoranthene	23.928	252	516051	19.740	ng/ul	99
93) Benzo(a)pyrene	24.733	252	477924	19.252	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.534	276	608533m	19.183	ng/ul	
95) Dibenzo(a,h)anthracene	28.599	278	514269	19.628	ng/ul#	97
96) Benzo(g,h,i)perylene	29.674	276	484460	19.196	ng/ul#	94

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

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