Quantitation Report (Qedit)

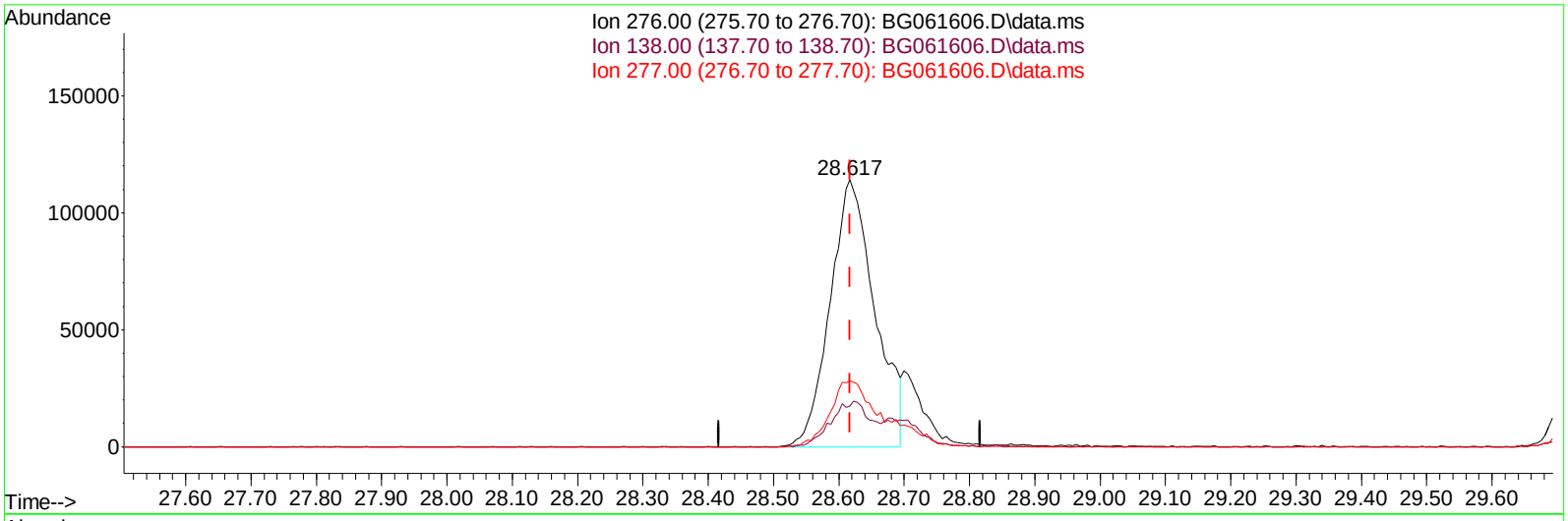
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062024\
Data File : BG061606.D
Acq On : 20 Jun 2024 15:06
Operator : MA/JU
Sample : SSTD02012
Misc :
ALS Vial : 4 Sample Multiplier: 1

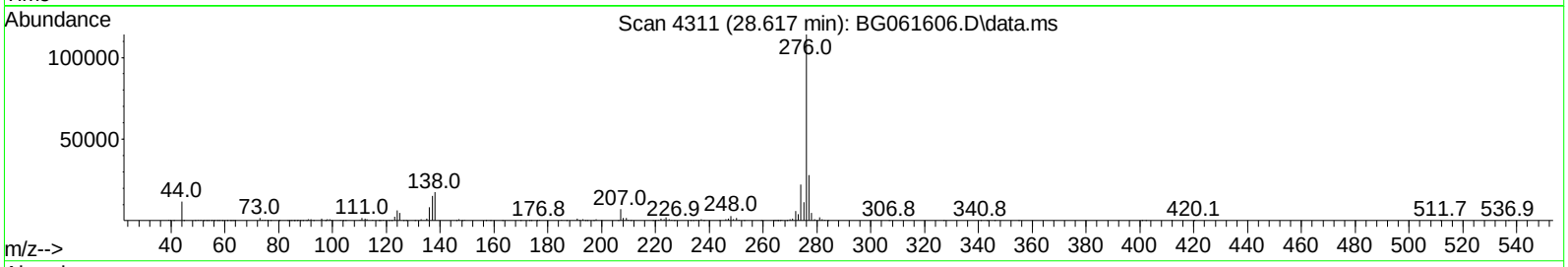
Quant Time: Jun 20 16:29:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 16:29:55 2024
Response via : Initial Calibration

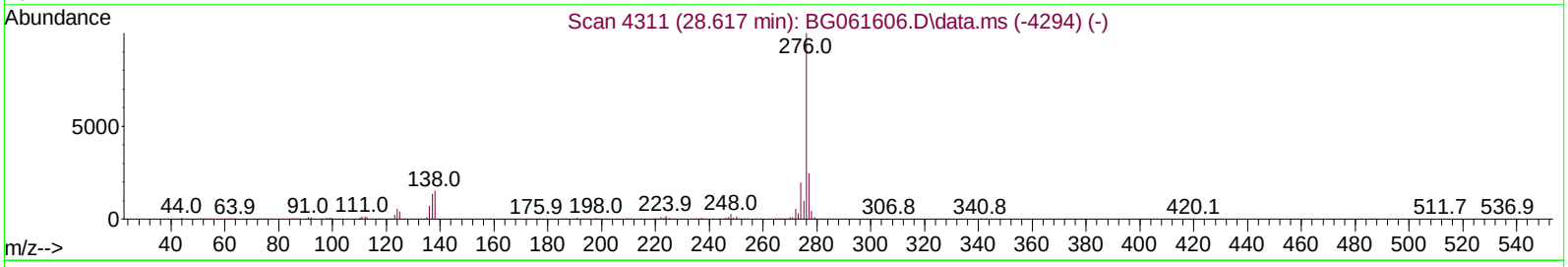
Instrument :
BNA_G
ClientSampleId :
SSTD020441

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024







TIC: BG061606.D\data.ms

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

28.617min (0.000) 17.80 ng/ul

response 541917

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.30
277.00	24.60	24.57
0.00	0.00	0.00

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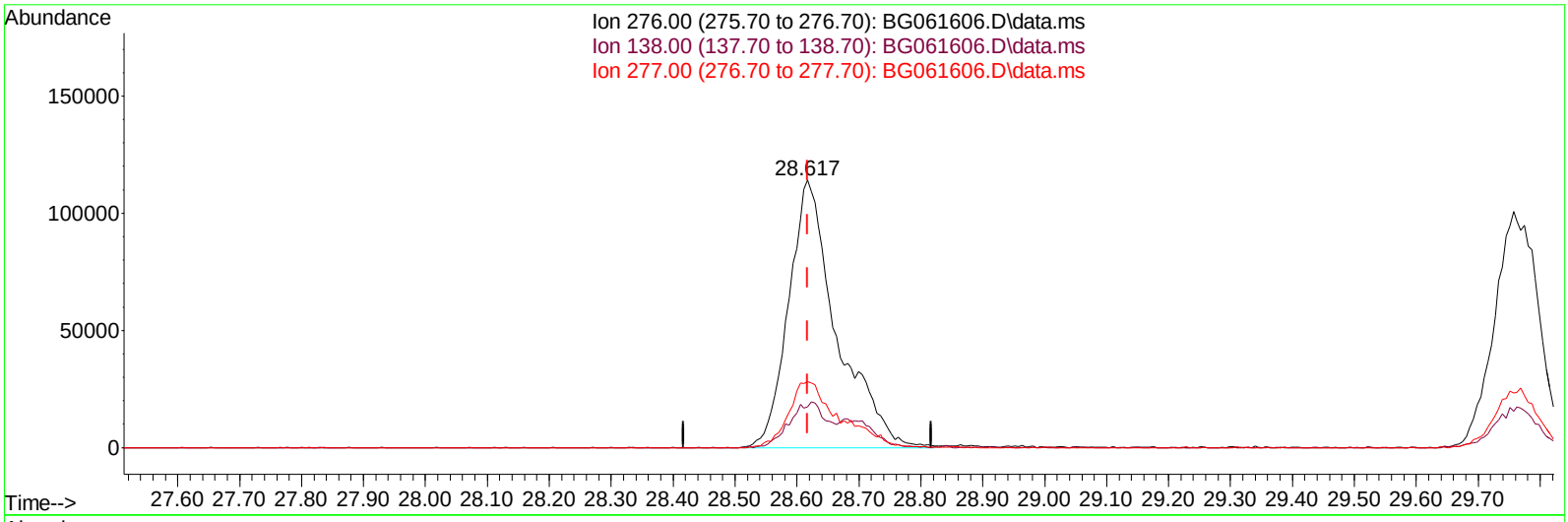

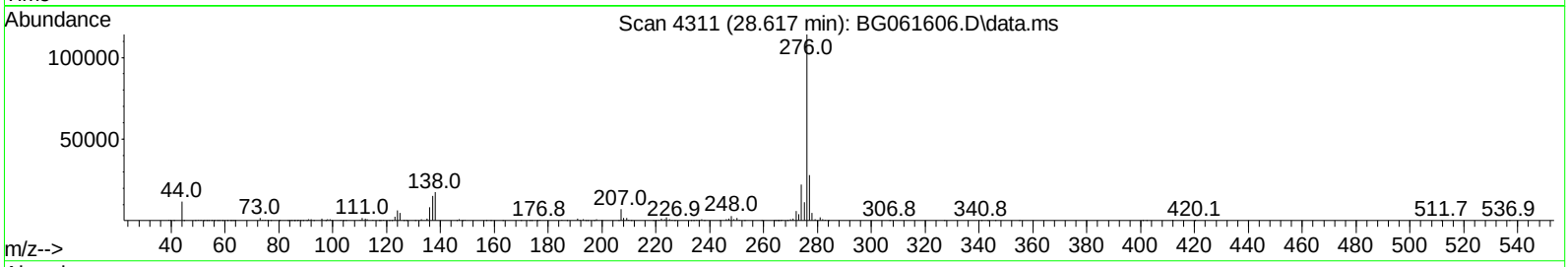

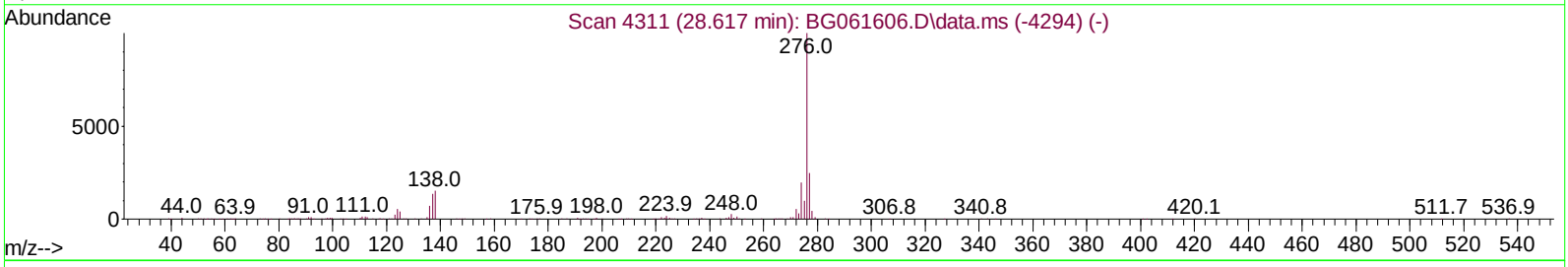

TIC: BG061606.D\data.ms

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

28.617min (0.000) 20.25 ng/ul m

response 616807

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.30
277.00	24.60	24.57
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	40384	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	209095	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	156039	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	398475	20.000	ng/ul	0.00
79) Chrysene-d12	21.713	240	379358	20.000	ng/ul	0.00
88) Perylene-d12	24.939	264	440710	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	9357	7.786	ng/uL	0.00
4) Pyridine-d5	3.887	84	68362	17.841	ng/ul	0.00
7) Phenol-d5	7.213	99	87745	21.432	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	56159	18.534	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	59073	28.285	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	68283	22.215	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	27186	26.836	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	28858	31.164	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	65928	23.889	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	101444	21.081	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	244526	24.773	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	268435	21.314	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	40404	27.388	ng/ul	0.00
60) Fluorene-d10	15.691	176	212073	20.849	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	27841	23.052	ng/ul	0.00
73) Anthracene-d10	17.542	188	361739	20.584	ng/ul	0.00
81) Pyrene-d10	19.827	212	422495	20.380	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.722	264	419764	20.123	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	11068	7.650	ng/uL	100
5) Pyridine	3.905	79	76218	19.428	ng/ul	100
6) Benzaldehyde	7.207	77	53217	20.822	ng/ul	100
8) Phenol	7.236	94	95074	22.025	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.489	93	71458	21.034	ng/ul	100
12) 2-Chlorophenol	7.630	128	63057	27.703	ng/ul	100
13) 2-Methylphenol	8.499	108	65067	21.552	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.599	45	145213	19.751	ng/ul	100
16) Acetophenone	8.899	105	115073	19.868	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.881	70	62414	17.947	ng/ul	100
18) 4-Methylphenol	8.828	108	74140	22.428	ng/ul	100
19) Hexachloroethane	9.163	117	23244	22.941	ng/ul	100
22) Nitrobenzene	9.281	77	80476	19.665	ng/ul	100
23) Isophorone	9.804	82	185901	16.673	ng/ul	100
25) 2-Nitrophenol	9.992	139	30732	29.494	ng/ul	100
26) 2,4-Dimethylphenol	10.039	107	84690	20.969	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.291	93	105789	18.594	ng/ul	100
29) 2,4-Dichlorophenol	10.521	162	60998	23.416	ng/ul	100
30) Naphthalene	10.938	128	228898	20.469	ng/ul	100
32) 4-Chloroaniline	11.038	127	100502	21.270	ng/ul	100
33) Hexachlorobutadiene	11.220	225	44254	16.907	ng/ul	100
34) Caprolactam	11.796	113	26192	21.922	ng/ul	100
35) 4-Chloro-3-methylphenol	12.142	107	86879	21.749	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.542	142	159509	20.738	ng/ul	100
37) 1-Methylnaphthalene	12.753	142	172085	21.655	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.894	216	85802	18.715	ng/ul	100
40) Hexachlorocyclopentadiene	12.877	237	49457	23.883	ng/ul	100
41) 2,4,6-Trichlorophenol	13.129	196	57760	25.008	ng/ul	100
42) 2,4,5-Trichlorophenol	13.200	196	64286	25.214	ng/ul	100
43) 1,1'-Biphenyl	13.541	154	226248	21.360	ng/ul	100
44) 2-Chloronaphthalene	13.582	162	173357	21.092	ng/ul	100
45) 2-Nitroaniline	13.776	65	62060	25.792	ng/ul	100
47) Dimethylphthalate	14.157	163	237298	22.855	ng/ul	100
48) 2,6-Dinitrotoluene	14.269	165	39238	29.414	ng/ul	100
50) Acenaphthylene	14.428	152	292464	20.679	ng/ul	100
51) 3-Nitroaniline	14.598	138	40717	24.593	ng/ul	100
52) Acenaphthene	14.769	153	200746	21.254	ng/ul	100
53) 2,4-Dinitrophenol	14.798	184	16999	22.728	ng/ul	100
55) 4-Nitrophenol	14.880	109	41841	22.193	ng/ul	100
56) Dibenzofuran	15.103	168	283593	21.887	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	57458	28.916	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.315	232	60160	26.749	ng/ul	100
59) Diethylphthalate	15.521	149	245904	24.716	ng/ul	100
61) Fluorene	15.750	166	237306	21.609	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.744	204	117888	20.033	ng/ul	100
63) 4-Nitroaniline	15.756	138	45876	25.117	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.814	198	32462	23.383	ng/ul	100
67) N-Nitrosodiphenylamine	15.949	169	207744	20.373	ng/ul	100
68) 4-Bromophenyl-phenylether	16.637	248	77469	19.961	ng/ul	100
69) Hexachlorobenzene	16.743	284	97148	21.813	ng/ul	100
70) Atrazine	16.901	200	82306	24.528	ng/ul	100
71) Pentachlorophenol	17.083	266	58963	25.757	ng/ul	100
72) Phenanthrene	17.489	178	414169	20.788	ng/ul	100
74) Anthracene	17.577	178	428257	20.932	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.499	216	85401	17.497	ng/uL	100
76) Pentachlorobenzene	15.015	250	105931	21.820	ng/uL	100
77) Carbazole	17.841	167	377786	22.193	ng/ul	100
78) Di-n-butylphthalate	18.417	149	436481	26.076	ng/ul	100
80) Fluoranthene	19.492	202	479120	19.147	ng/ul	100
82) Pyrene	19.851	202	523419	19.838	ng/ul	100
83) Butylbenzylphthalate	20.750	149	184265	28.057	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.608	252	169652	23.398	ng/ul	100
85) Benzo(a)anthracene	21.690	228	522163	20.018	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.625	149	280058	27.102	ng/ul	100
87) Chrysene	21.760	228	497749	20.148	ng/ul	100
89) Di-n-octyl phthalate	22.853	149	458434	22.282	ng/ul	100
90) Benzo(b)fluoranthene	23.917	252	536890	20.470	ng/ul	100
91) Benzo(k)fluoranthene	23.981	252	540965	20.006	ng/ul	100
93) Benzo(a)pyrene	24.792	252	508380	20.056	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.617	276	616807m	20.255	ng/ul	
95) Dibenzo(a,h)anthracene	28.699	278	513735	20.567	ng/ul	100
96) Benzo(g,h,i)perylene	29.757	276	503694	20.364	ng/ul	100

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

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