Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056855.D
Acq On : 7 Mar 2023 00:18
Operator : CG/JU
Sample : PB151218BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 07 01:18:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS218

Manual IntegrationsAPPROVED

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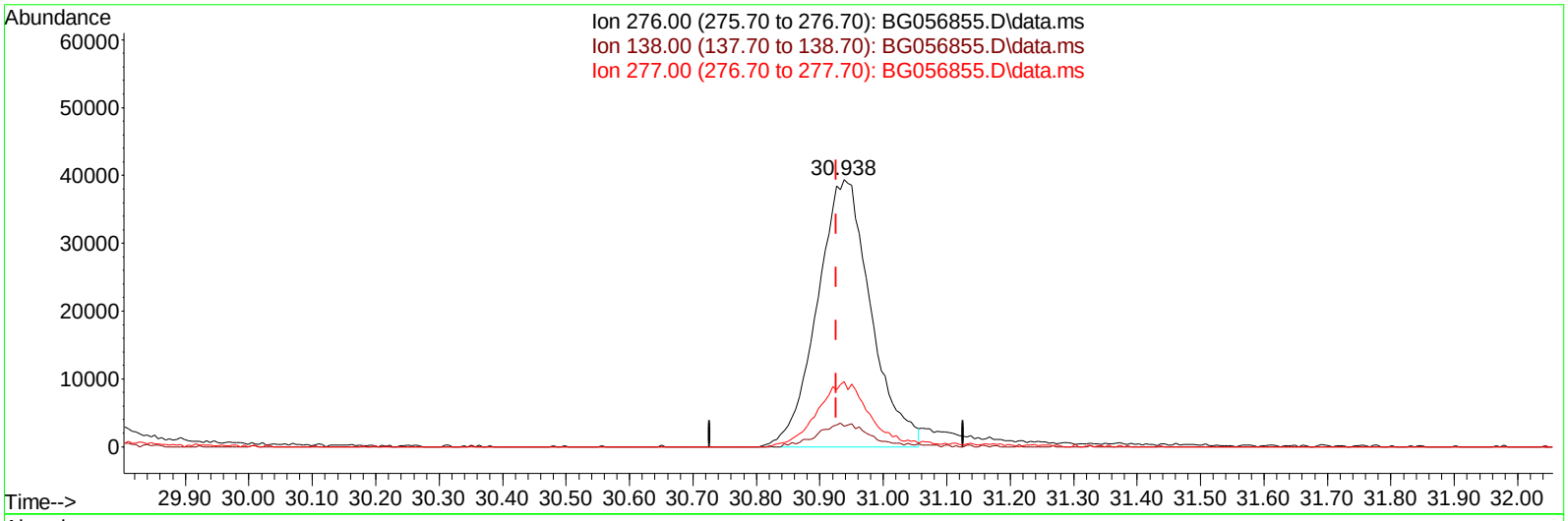
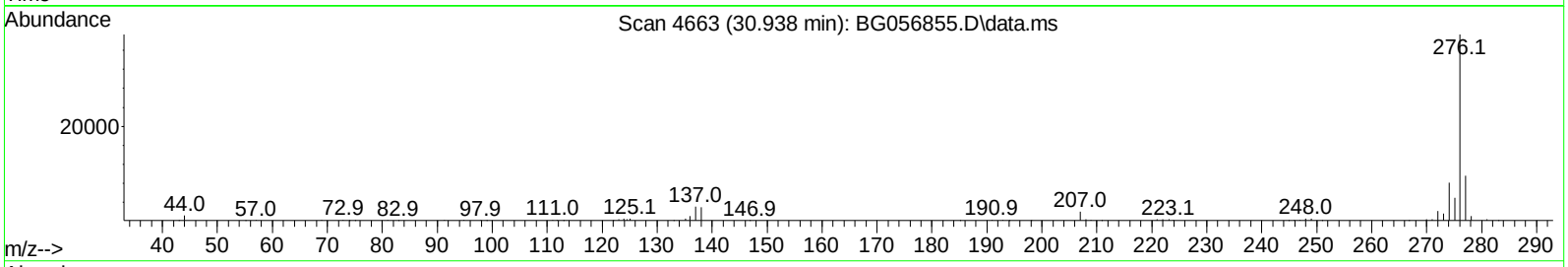
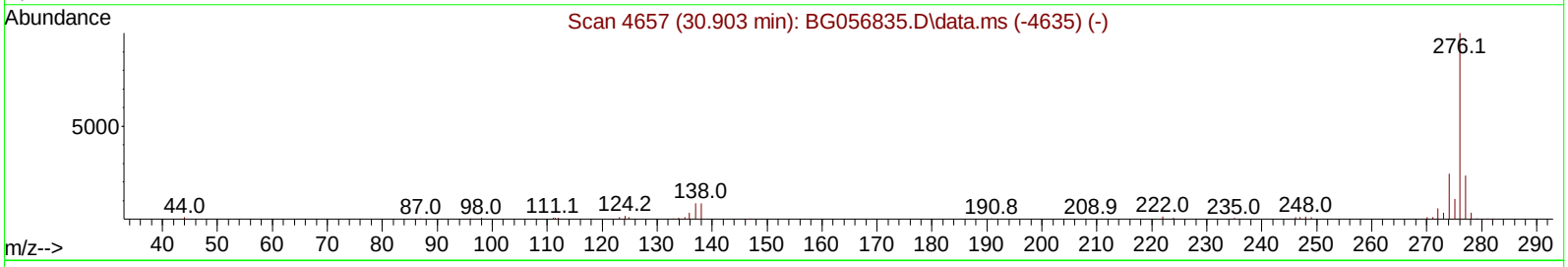
Supervised By :Jagrut Upadhyay 03/07/2023







TIC: BG056855.D\data.ms

(96) Benzo(g,h,i)perylene

30.938min (+ 0.012) 27.79 ng/ul

response 230765

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.10	7.65
277.00	25.90	24.53
0.00	0.00	0.00

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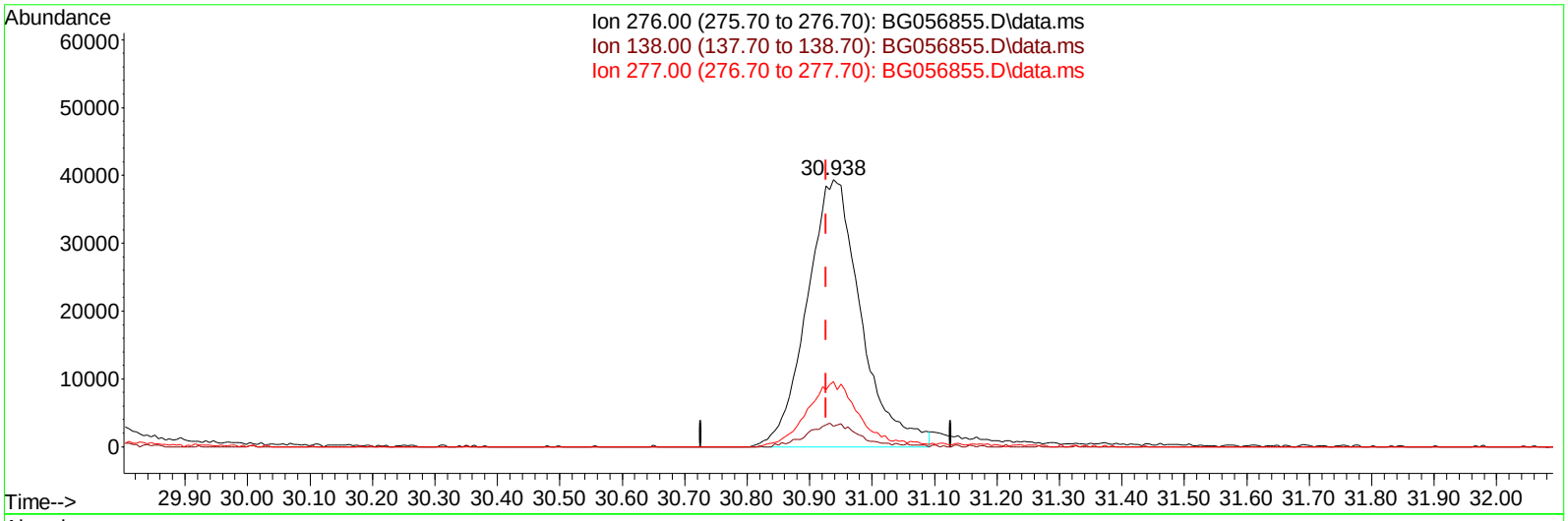

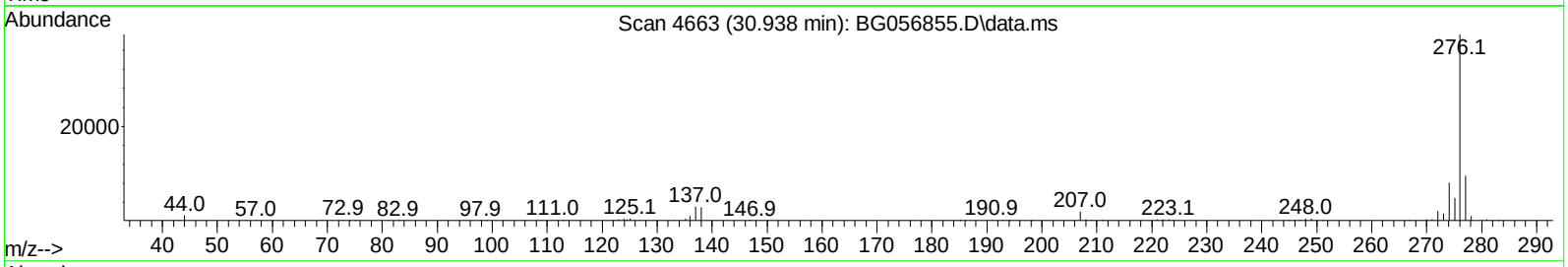

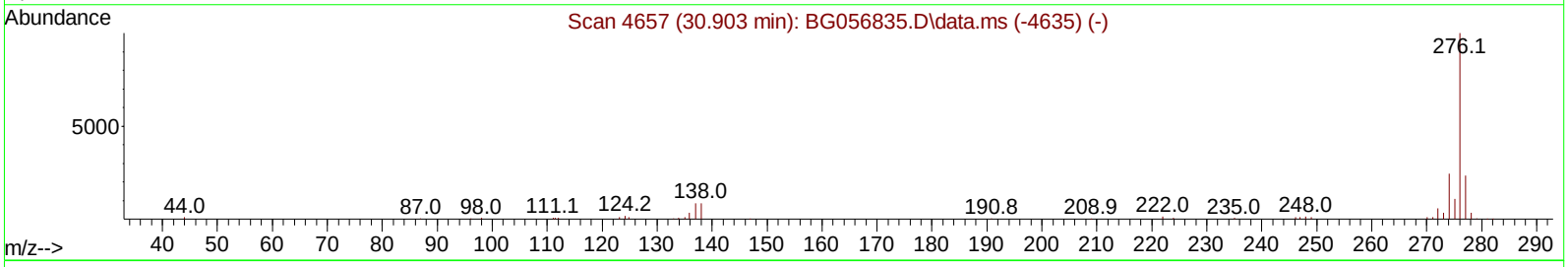

TIC: BG056855.D\data.ms

(96) Benzo(g,h,i)perylene

30.938min (+ 0.012) 28.41 ng/ul m

response 235935

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.10	7.65
277.00	25.90	24.53
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	8.418	152	18207	20.000	ng/ul	0.00
20) Naphthalene-d8	11.255	136	80589	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.022	164	59300	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.754	188	134769	20.000	ng/ul	0.00
79) Chrysene-d12	22.066	240	122382	20.000	ng/ul	0.00
88) Perylene-d12	25.592	264	130041	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.700	96	2084	6.349	ng/uL	0.00
4) Pyridine-d5	4.134	84	37475	28.287	ng/ul	0.00
7) Phenol-d5	7.542	99	51755	28.406	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	30983	27.878	ng/ul	0.00
11) 2-Chlorophenol-d4	7.942	132	33556	27.734	ng/ul	0.00
15) 4-Methylphenol-d8	9.111	113	37552	26.974	ng/ul	0.00
21) Nitrobenzene-d5	9.593	128	18033	26.701	ng/ul	0.00
24) 2-Nitrophenol-d4	10.321	143	21595	26.862	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.862	165	42622	28.142	ng/ul	0.00
31) 4-Chloroaniline-d4	11.379	131	46339	23.459	ng/ul	0.00
46) Dimethylphthalate-d6	14.405	166	125851	26.304	ng/ul	0.00
49) Acenaphthylene-d8	14.722	160	148166	27.247	ng/ul	0.00
54) 4-Nitrophenol-d4	15.186	143	19353	23.461	ng/ul	0.00
60) Fluorene-d10	16.003	176	117639	26.581	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.108	200	23391	25.942	ng/ul	0.00
73) Anthracene-d10	17.854	188	174811	26.737	ng/ul	0.00
81) Pyrene-d10	20.116	212	216113	26.096	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.351	264	201022	28.639	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.735	88	4484	11.080	ng/uL#	79
5) Pyridine	4.158	79	38097	27.154	ng/ul	93
6) Benzaldehyde	7.542	77	34999	36.666	ng/ul	97
8) Phenol	7.571	94	53587	28.835	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.818	93	39011	29.544	ng/ul	94
12) 2-Chlorophenol	7.977	128	34515	28.806	ng/ul	96
13) 2-Methylphenol	8.846	108	39819	28.406	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.935	45	49668	27.992	ng/ul	98
16) Acetophenone	9.246	105	65859	27.626	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.217	70	37545	27.448	ng/ul	97
18) 4-Methylphenol	9.175	108	42513	27.911	ng/ul	96
19) Hexachloroethane	9.522	117	14966	29.372	ng/ul#	85
22) Nitrobenzene	9.634	77	59462	30.362	ng/ul	98
23) Isophorone	10.157	82	102469	26.762	ng/ul	99
25) 2-Nitrophenol	10.351	139	22718	28.628	ng/ul	95
26) 2,4-Dimethylphenol	10.392	107	46371	26.165	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.633	93	52428	27.090	ng/ul	96
29) 2,4-Dichlorophenol	10.891	162	42840	29.210	ng/ul	94
30) Naphthalene	11.308	128	123024	27.734	ng/ul	97
32) 4-Chloroaniline	11.402	127	45104	23.050	ng/ul	96
33) Hexachlorobutadiene	11.584	225	33919	29.019	ng/ul	96
34) Caprolactam	12.148	113	12482	25.035	ng/ul	88
35) 4-Chloro-3-methylphenol	12.489	107	45100	26.767	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.877	142	87472	27.534	ng/ul	96
37) 1-Methylnaphthalene	13.094	142	88847	28.365	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.235	216	64865	30.852	ng/ul	97
40) Hexachlorocyclopentadiene	13.212	237	29448	19.547	ng/ul	99
41) 2,4,6-Trichlorophenol	13.465	196	41057	29.226	ng/ul	99
42) 2,4,5-Trichlorophenol	13.535	196	44673	29.286	ng/ul	94
43) 1,1'-Biphenyl	13.858	154	125268	28.727	ng/ul	98
44) 2-Chloronaphthalene	13.911	162	106192	29.433	ng/ul	95
45) 2-Nitroaniline	14.099	65	37447	29.902	ng/ul	95
47) Dimethylphthalate	14.452	163	132944	27.323	ng/ul	99
48) 2,6-Dinitrotoluene	14.581	165	27870	27.943	ng/ul#	79
50) Acenaphthylene	14.751	152	153267	27.900	ng/ul	99
51) 3-Nitroaniline	14.910	138	25120	28.141	ng/ul#	99
52) Acenaphthene	15.086	153	106802	28.301	ng/ul	98
53) 2,4-Dinitrophenol	15.116	184	15192	23.776	ng/ul#	84
55) 4-Nitrophenol	15.198	109	25237	26.431	ng/ul	93
56) Dibenzofuran	15.415	168	159433	27.831	ng/ul	96
57) 2,4-Dinitrotoluene	15.362	165	38764	27.109	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.633	232	38332	27.004	ng/ul#	97
59) Diethylphthalate	15.803	149	129493	26.588	ng/ul	99
61) Fluorene	16.061	166	124379	27.115	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.038	204	74685	27.488	ng/ul	97
63) 4-Nitroaniline	16.067	138	24933	28.587	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.120	198	23229	26.760	ng/ul	95
67) N-Nitrosodiphenylamine	16.250	169	106286	28.361	ng/ul	97
68) 4-Bromophenyl-phenylether	16.931	248	51012	29.868	ng/ul	97
69) Hexachlorobenzene	17.060	284	54554	29.732	ng/ul	96
70) Atrazine	17.178	200	44900	27.586	ng/ul	98
71) Pentachlorophenol	17.401	266	27449	26.346	ng/ul	96
72) Phenanthrene	17.801	178	208797	28.602	ng/ul	98
74) Anthracene	17.889	178	206081	27.935	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.835	216	65951	31.988	ng/uL	99
76) Pentachlorobenzene	15.333	250	65292	31.224	ng/uL	96
77) Carbazole	18.153	167	177303	28.724	ng/ul	99
78) Di-n-butylphthalate	18.676	149	209172	29.402	ng/ul	100
80) Fluoranthene	19.781	202	262129	26.178	ng/ul	99
82) Pyrene	20.145	202	260519	26.409	ng/ul	99
83) Butylbenzylphthalate	20.997	149	89492	28.597	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.937	252	90072	29.355	ng/ul	99
85) Benzo(a)anthracene	22.043	228	259147	29.094	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.902	149	127508	29.004	ng/ul	98
87) Chrysene	22.113	228	238717	28.775	ng/ul	98
89) Di-n-octyl phthalate	23.212	149	216869	30.676	ng/ul	100
90) Benzo(b)fluoranthene	24.458	252	263706	30.292	ng/ul	99
91) Benzo(k)fluoranthene	24.534	252	249714	29.449	ng/ul	99
93) Benzo(a)pyrene	25.427	252	223302	29.181	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.651	276	302390	29.089	ng/ul	98
95) Dibenzo(a,h)anthracene	29.734	278	247231	28.445	ng/ul	92
96) Benzo(g,h,i)perylene	30.938	276	235935m	28.414	ng/ul	

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

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