Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
Data File : BG051960.D
Acq On : 13 Jan 2022 00:07
Operator : CG/JU
Sample : PB141967BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 13 01:38:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS967

Manual IntegrationsAPPROVED

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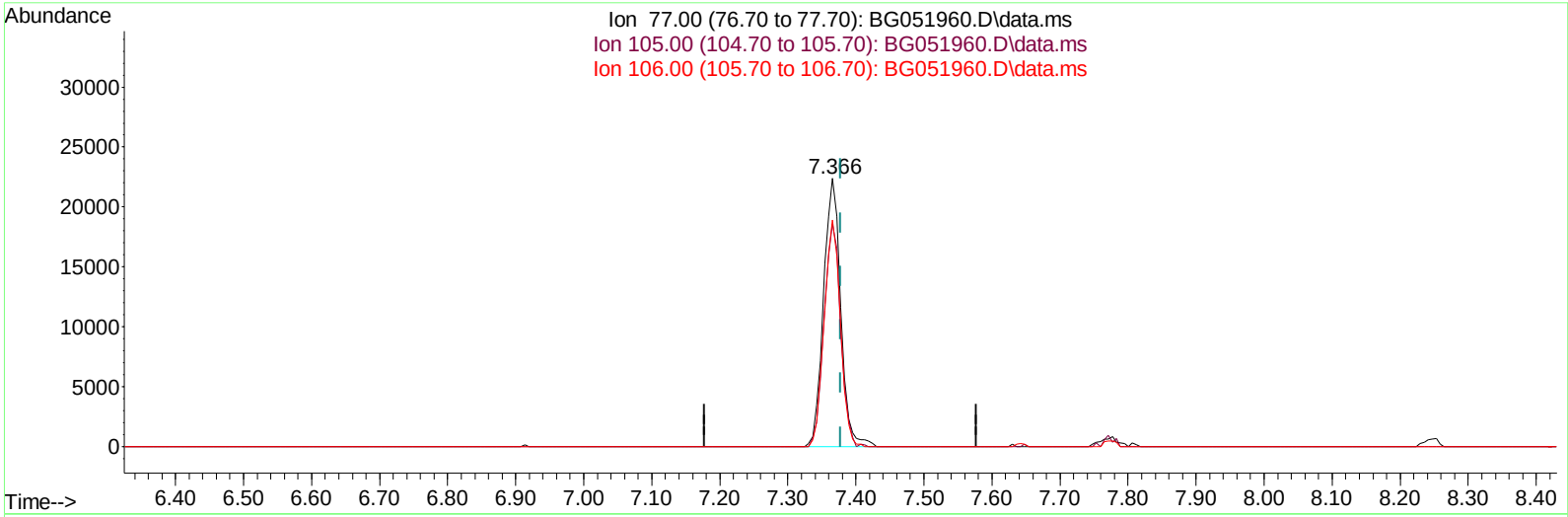
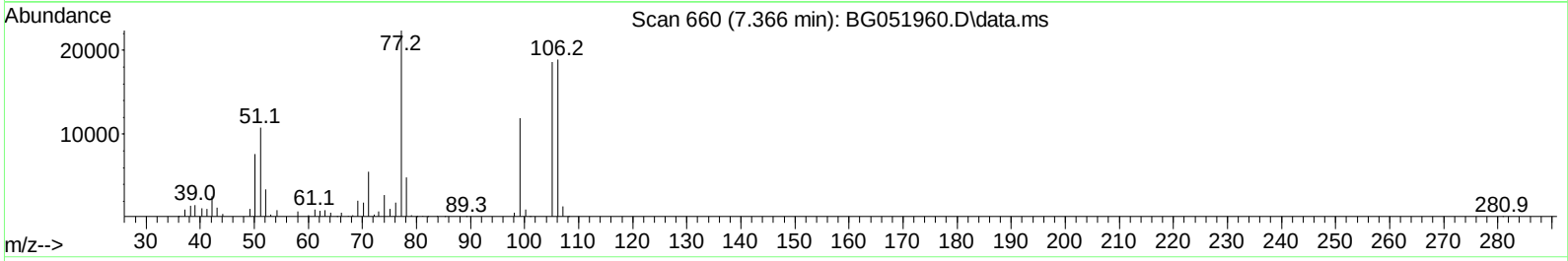
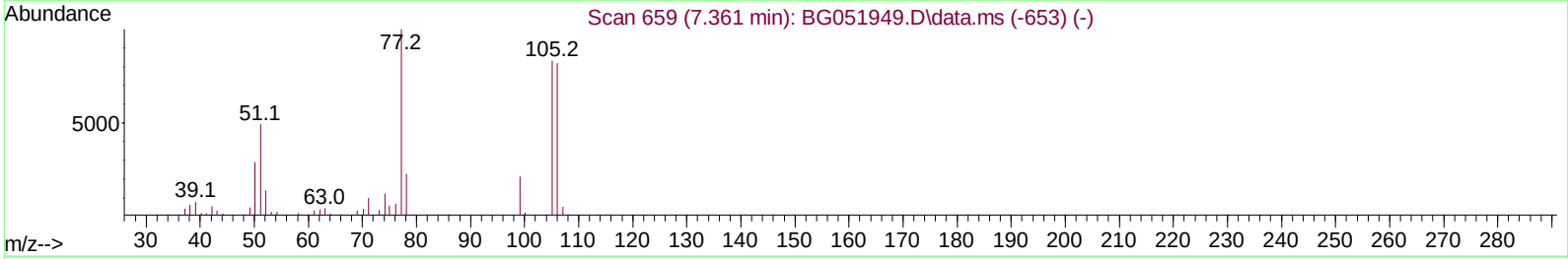
Supervised By :mohammad ahmed 01/18/2022







TIC: BG051960.D\data.ms

(6) Benzaldehyde

7.366min (-0.012) 30.34 ng/ul

response 39085

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	83.23
106.00	76.50	84.48
0.00	0.00	0.00

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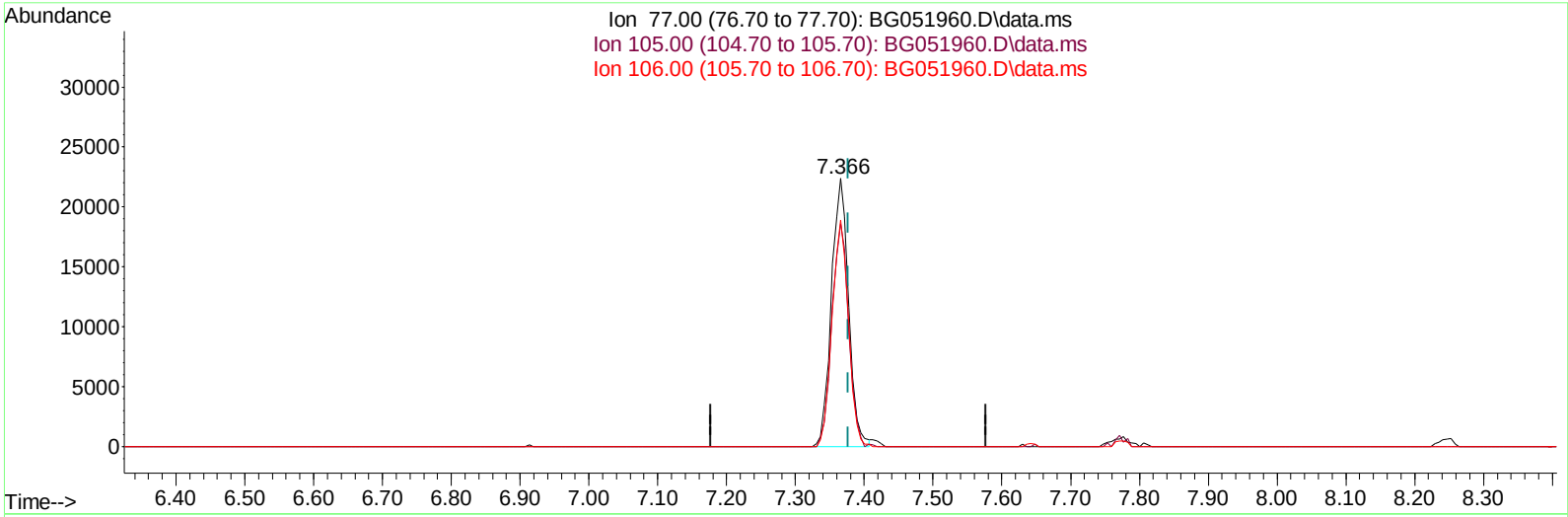

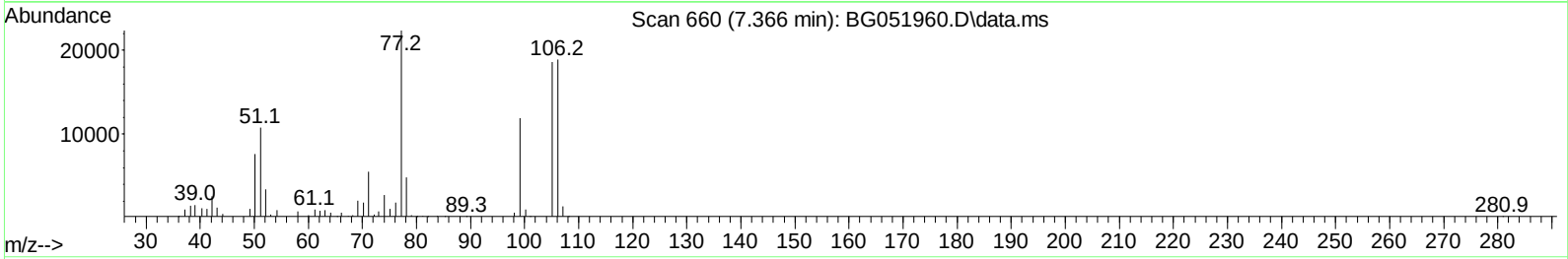

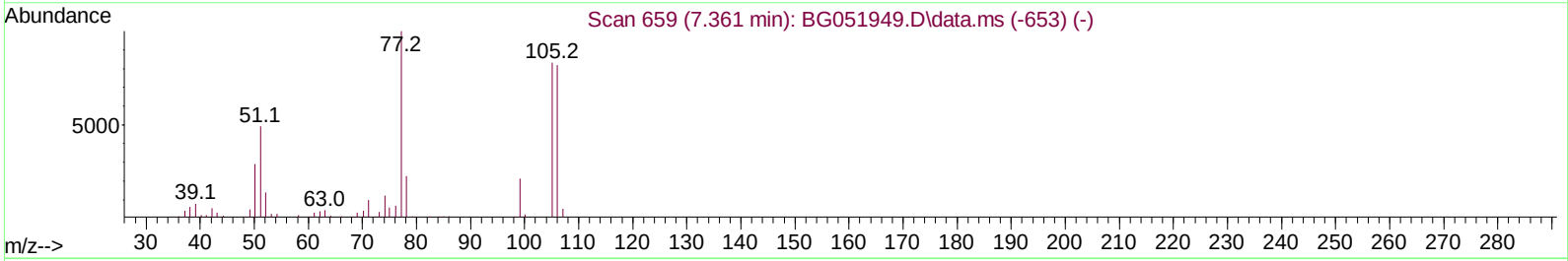

TIC: BG051960.D\data.ms

(6) Benzaldehyde

7.366min (-0.012) 29.98 ng/ul m

response 38632

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	83.23
106.00	76.50	84.48
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	8.247	152	19789	20.000	ng/ul	0.00
20) Naphthalene-d8	11.084	136	83992	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.891	164	64949	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.640	188	184437	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.964	240	181048	20.000	ng/ul	# 0.00
88) Perylene-d12	25.447	264	180639	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	2878	5.197	ng/uL	0.00
4) Pyridine-d5	3.994	84	47641	27.673	ng/ul	-0.01
7) Phenol-d5	7.383	99	63252	32.658	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	36157	29.408	ng/ul	0.00
11) 2-Chlorophenol-d4	7.771	132	41380	32.269	ng/ul	0.00
15) 4-Methylphenol-d8	8.946	113	48677	32.330	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	20704	31.195	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	24391	33.230	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	48813	34.022	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	58264	29.160	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	172647	32.159	ng/ul	0.00
49) Acenaphthylene-d8	14.585	160	207139	31.942	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	32953	36.713	ng/ul	0.00
60) Fluorene-d10	15.878	176	155604	33.244	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	34497	29.649	ng/ul	0.00
73) Anthracene-d10	17.740	188	280018	32.005	ng/ul	0.00
81) Pyrene-d10	20.019	212	367362	35.257	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.206	264	319567	33.605	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	7196	11.262	ng/uL#	88
5) Pyridine	4.011	79	54058	29.972	ng/ul	97
6) Benzaldehyde	7.366	77	38632m	29.985	ng/ul	
8) Phenol	7.413	94	67259	34.023	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.642	93	45555	31.480	ng/ul	94
12) 2-Chlorophenol	7.806	128	44230	33.905	ng/ul	98
13) 2-Methylphenol	8.682	108	49589	34.495	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.770	45	69252	31.375	ng/ul#	96
16) Acetophenone	9.069	105	77498	32.614	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.046	70	47296	32.580	ng/ul	99
18) 4-Methylphenol	9.011	108	54093	34.737	ng/ul	90
19) Hexachloroethane	9.351	117	18415	32.697	ng/ul	90
22) Nitrobenzene	9.457	77	67872	32.971	ng/ul	95
23) Isophorone	9.986	82	130873	33.627	ng/ul	98
25) 2-Nitrophenol	10.180	139	27371	33.930	ng/ul#	85
26) 2,4-Dimethylphenol	10.232	107	58591	33.473	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.462	93	65699	32.787	ng/ul	97
29) 2,4-Dichlorophenol	10.726	162	48520	34.434	ng/ul	98
30) Naphthalene	11.137	128	154395	33.923	ng/ul	97
32) 4-Chloroaniline	11.231	127	61605	30.255	ng/ul	97
33) Hexachlorobutadiene	11.425	225	35314	31.441	ng/ul	95
34) Caprolactam	11.977	113	23480	42.816	ng/ul	93
35) 4-Chloro-3-methylphenol	12.341	107	62833	38.621	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.729	142	111559	34.410	ng/ul	99
37) 1-Methylnaphthalene	12.946	142	113973	34.255	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.093	216	70409	31.348	ng/ul	98
40) Hexachlorocyclopentadiene	13.076	237	37725	24.479	ng/ul	99
41) 2,4,6-Trichlorophenol	13.322	196	48776	34.360	ng/ul	95
42) 2,4,5-Trichlorophenol	13.399	196	53829	35.175	ng/ul	97
43) 1,1'-Biphenyl	13.722	154	163208	32.550	ng/ul#	95
44) 2-Chloronaphthalene	13.769	162	127788	32.908	ng/ul	99
45) 2-Nitroaniline	13.963	65	53160	35.721	ng/ul	95
47) Dimethylphthalate	14.327	163	181781	34.340	ng/ul	99
48) 2,6-Dinitrotoluene	14.450	165	40312	36.118	ng/ul	95
50) Acenaphthylene	14.615	152	218897	34.279	ng/ul	97
51) 3-Nitroaniline	14.779	138	36900	36.548	ng/ul	99
52) Acenaphthene	14.955	153	145570	34.285	ng/ul	99
53) 2,4-Dinitrophenol	14.985	184	20719	31.486	ng/ul	97
55) 4-Nitrophenol	15.085	109	38211	37.098	ng/ul	80
56) Dibenzofuran	15.284	168	210979	34.214	ng/ul	98
57) 2,4-Dinitrotoluene	15.232	165	61371	38.032	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.508	232	54273	38.236	ng/ul#	88
59) Diethylphthalate	15.684	149	195150	35.732	ng/ul	96
61) Fluorene	15.937	166	181480	35.317	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.919	204	97487	34.188	ng/ul	93
63) 4-Nitroaniline	15.937	138	43113	41.562	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.001	198	35888	32.263	ng/ul#	96
67) N-Nitrosodiphenylamine	16.130	169	166163	33.528	ng/ul	94
68) 4-Bromophenyl-phenylether	16.818	248	69025	31.968	ng/ul#	86
69) Hexachlorobenzene	16.947	284	78750	32.885	ng/ul#	89
70) Atrazine	17.070	200	78093	33.964	ng/ul	99
71) Pentachlorophenol	17.288	266	45465	33.997	ng/ul	94
72) Phenanthrene	17.681	178	332595	34.415	ng/ul	98
74) Anthracene	17.775	178	328896	33.998	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.698	216	75473	27.247	ng/uL	99
76) Pentachlorobenzene	15.208	250	81001	30.045	ng/uL	98
77) Carbazole	18.040	167	317965	36.476	ng/ul	97
78) Di-n-butylphthalate	18.580	149	376708	36.559	ng/ul	99
80) Fluoranthene	19.684	202	450856	37.443	ng/ul#	92
82) Pyrene	20.049	202	437100	36.870	ng/ul#	89
83) Butylbenzylphthalate	20.918	149	160472	38.895	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.840	252	128490	30.744	ng/ul#	97
85) Benzo(a)anthracene	21.940	228	422676	35.499	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.823	149	220361	36.521	ng/ul#	99
87) Chrysene	22.011	228	400409	34.924	ng/ul	99
89) Di-n-octyl phthalate	23.127	149	367473	36.826	ng/ul	100
90) Benzo(b)fluoranthene	24.337	252	425210	35.519	ng/ul#	96
91) Benzo(k)fluoranthene	24.407	252	407579	36.823	ng/ul#	97
93) Benzo(a)pyrene	25.289	252	408488	36.056	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.471	276	465227	35.873	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.542	278	397289	36.217	ng/ul#	92
96) Benzo(g,h,i)perylene	30.728	276	392843	36.026	ng/ul#	90

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

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