Quantitation Report (QT Reviewed)

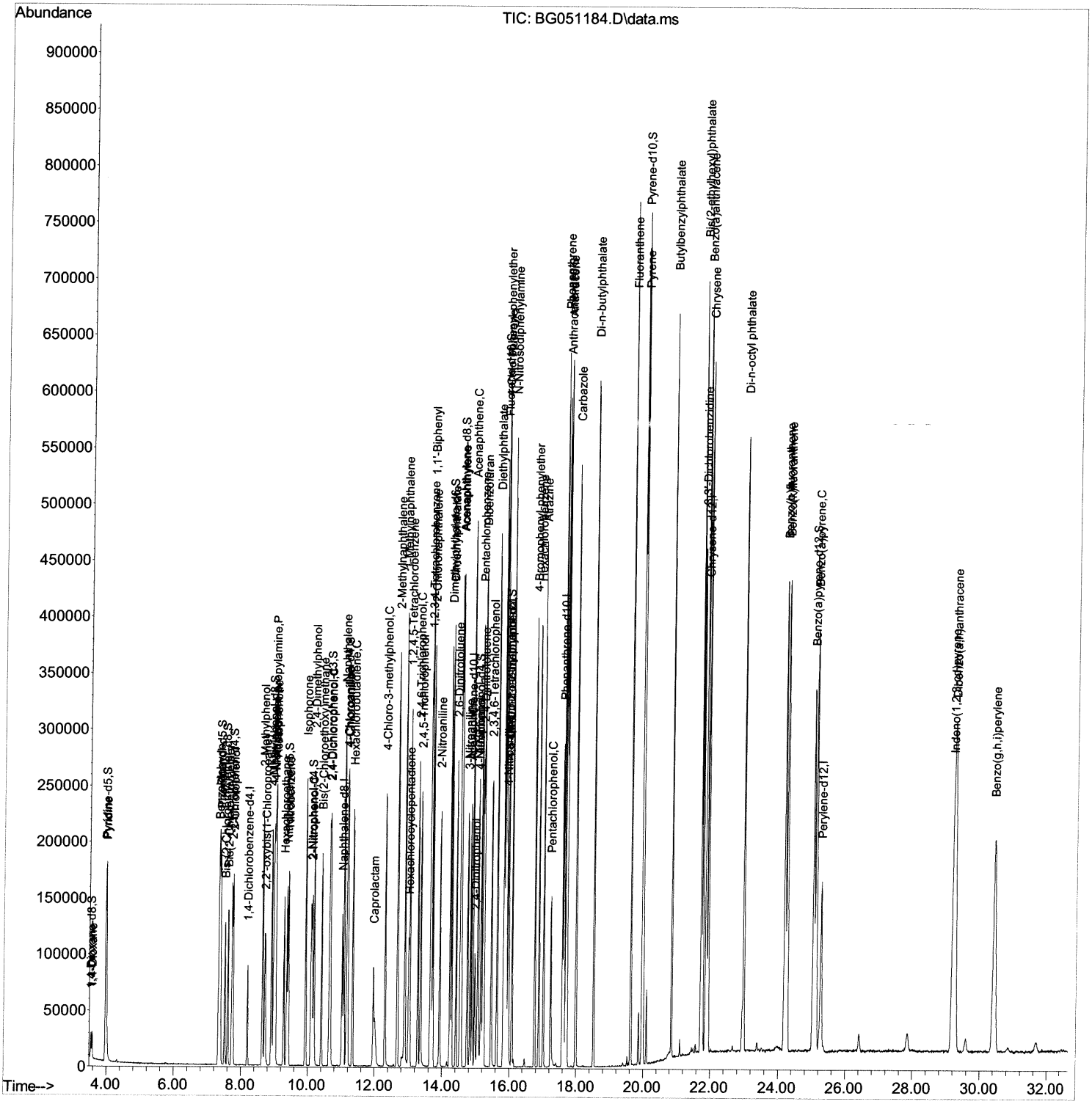
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051184.D
Acq On : 23 Nov 2021 12:56
Operator : CG/JU
Sample : SSTD04022
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 23 13:58:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 23 13:54:17 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040423

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/30/2021



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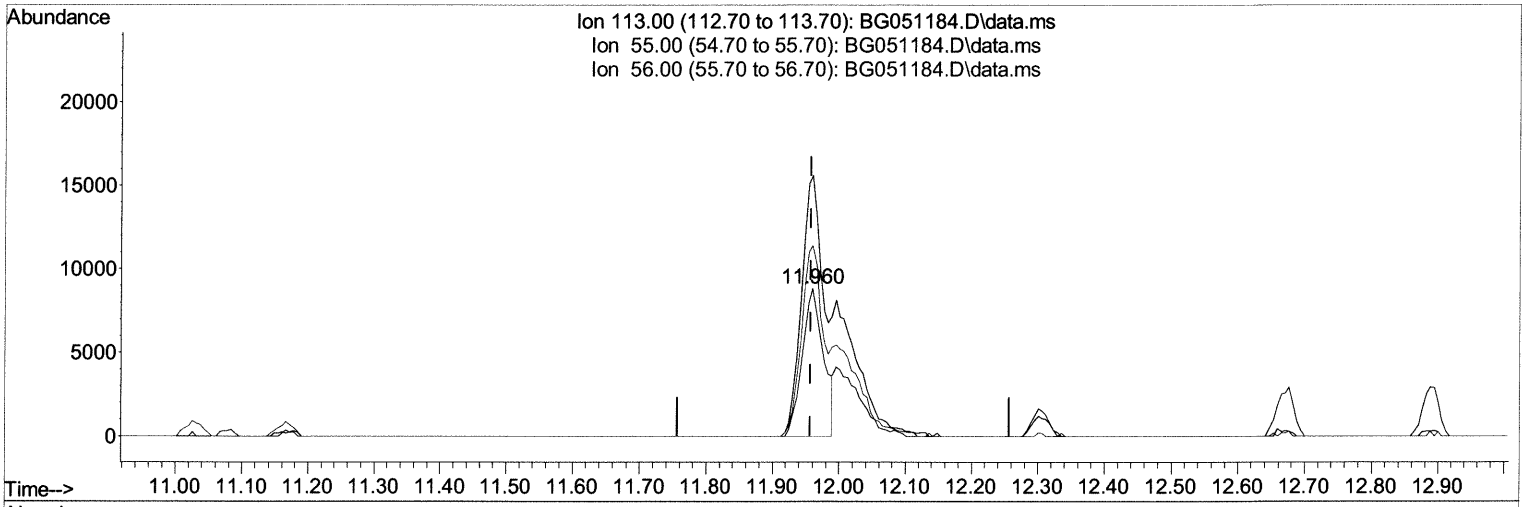

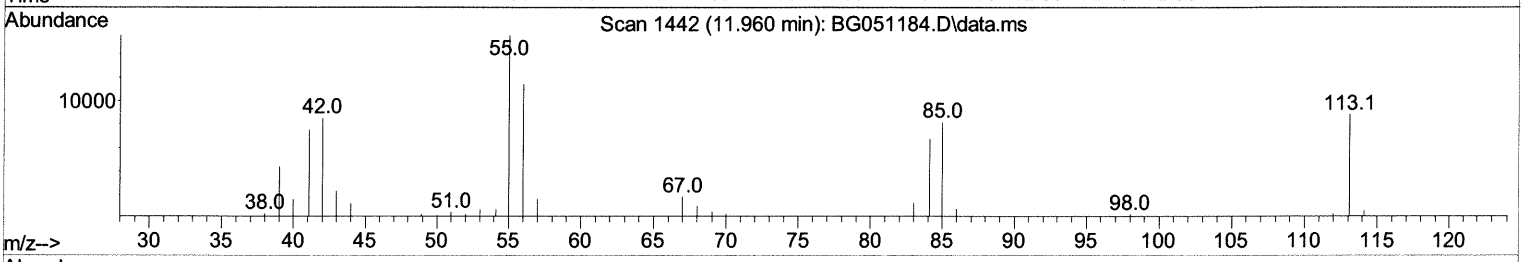

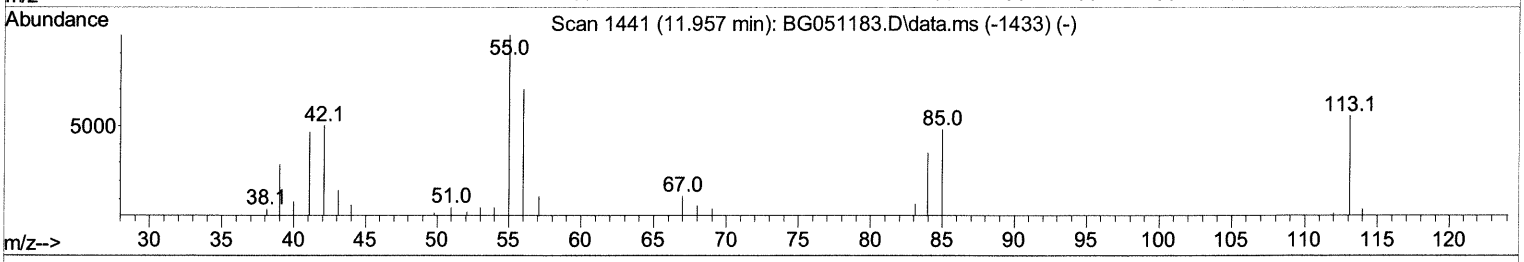

TIC: BG051184.D\data.ms

(34) Caprolactam

11.960min (+ 0.002) 25.49 ng/ul

response 19683

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.09
56.00	136.50	128.89
0.00	0.00	0.00

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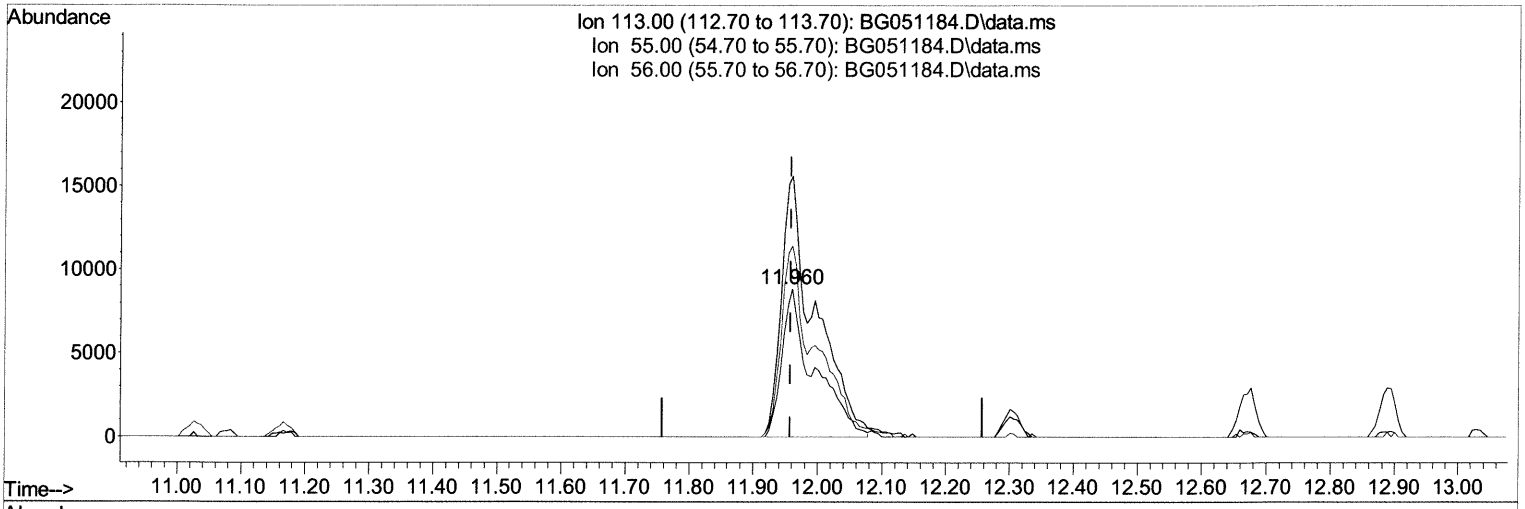

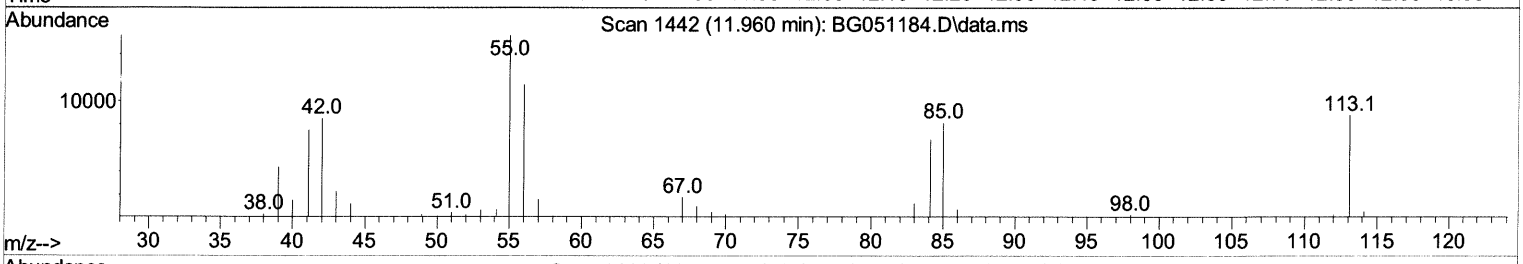

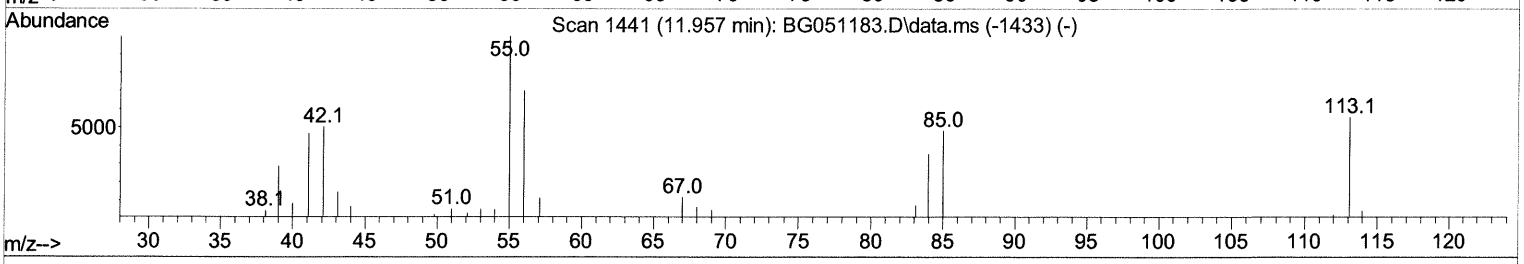

TIC: BG051184.D\data.ms

(34) Caprolactam

11.960min (+ 0.002) 39.43 ng/ul m 11/29/2134

response 30443

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.09
56.00	136.50	128.89
0.00	0.00	0.00

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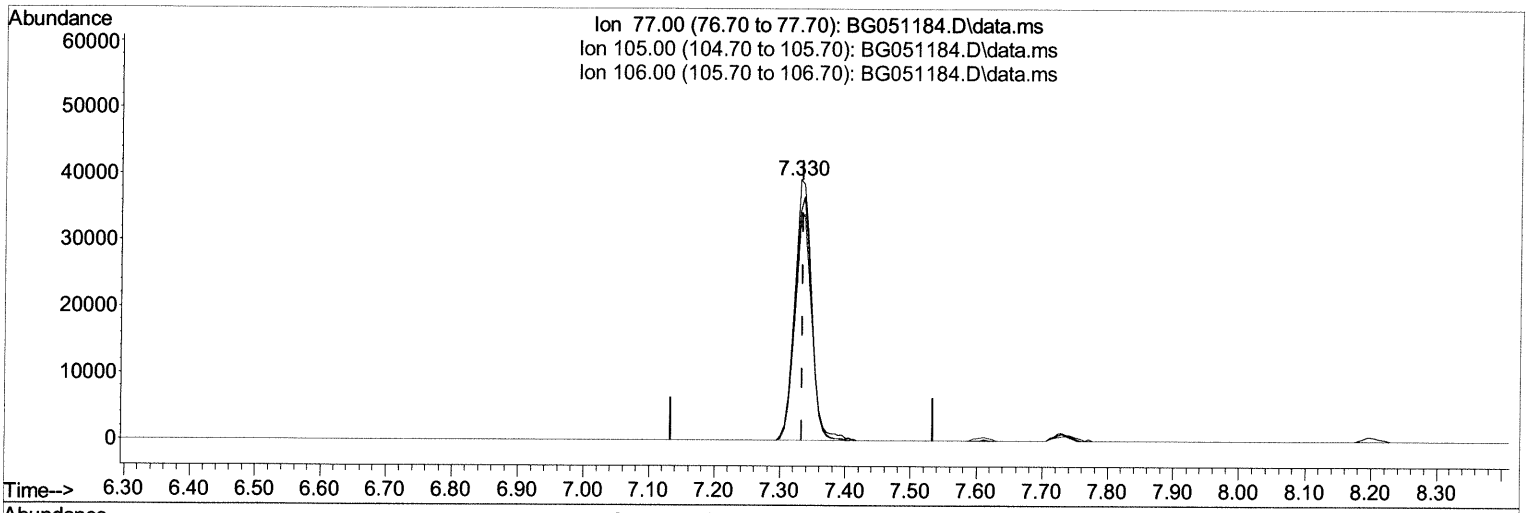

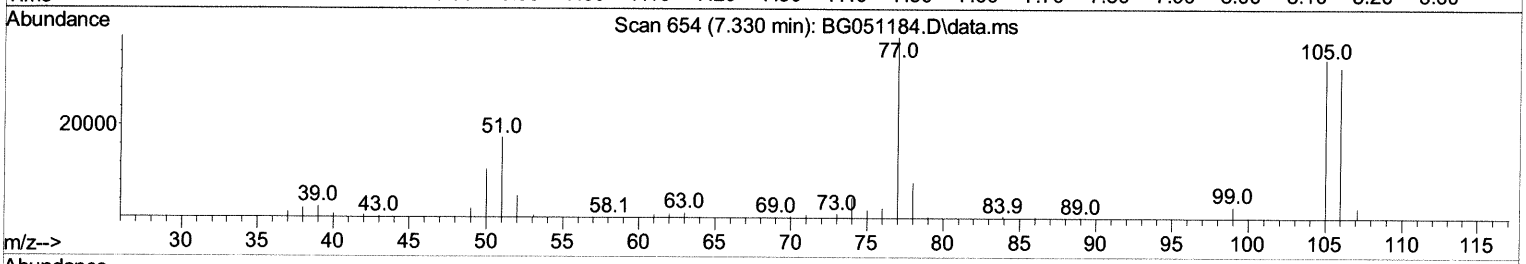

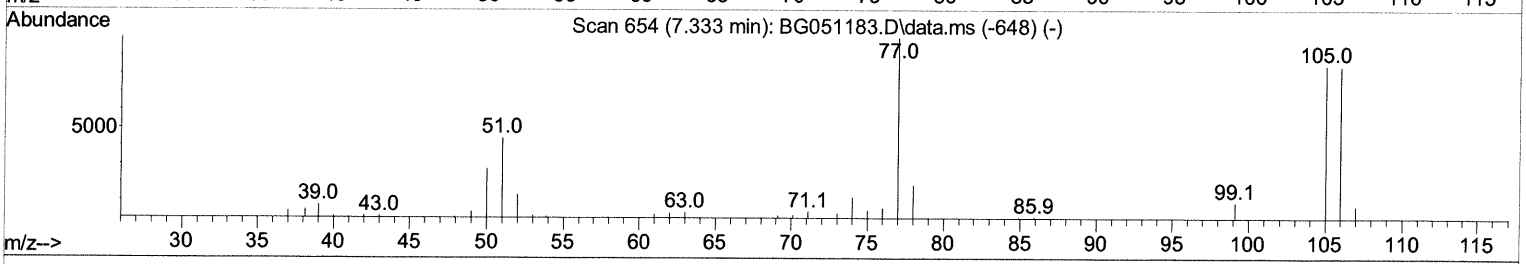

TIC: BG051184.D\data.ms

(6) Benzaldehyde

7.330min (-0.004) 42.70 ng/ul

response 72055

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	87.71
106.00	76.50	83.56
0.00	0.00	0.00

Quantitation Report (Qedit)

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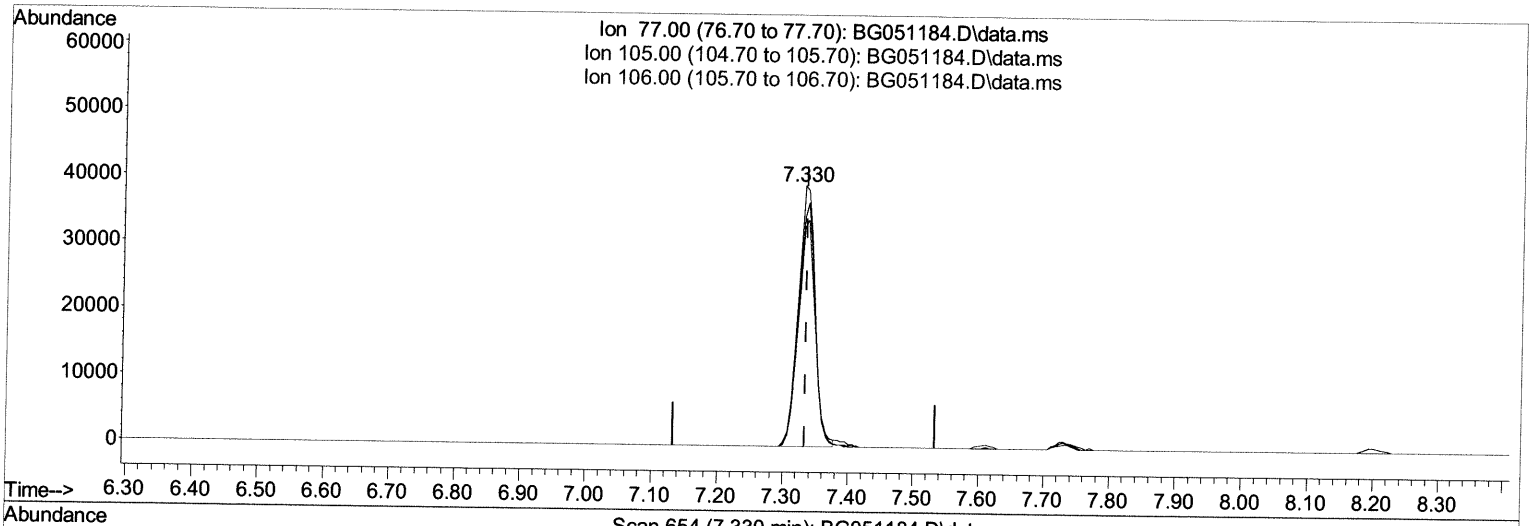
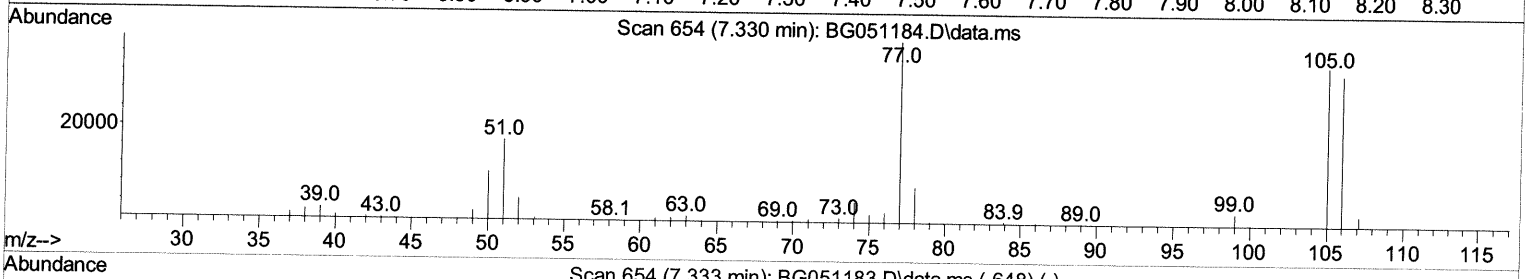
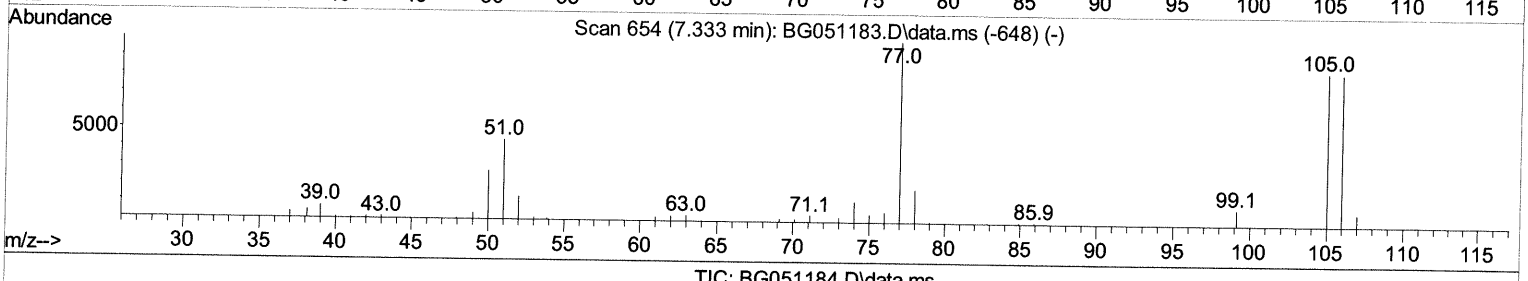
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/30/2021







TIC: BG051184.D\data.ms

(6) Benzaldehyde

7.330min (-0.004) 42.05 ng/ul m 11/29/21JU

response 70963

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	87.71
106.00	76.50	83.56
0.00	0.00	0.00

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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	8.199	152	25081	20.000	ng/ul	0.00
20) Naphthalene-d8	11.025	136	117138	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	81305	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.582	188	183716	20.000	ng/ul	0.00
79) Chrysene-d12	21.883	240	160432	20.000	ng/ul	0.00
88) Perylene-d12	25.285	264	164165	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	11652	14.994	ng/uL	0.00
4) Pyridine-d5	3.969	84	84792	36.474	ng/ul	0.00
7) Phenol-d5	7.353	99	100723	37.644	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.518	67	64440	37.282	ng/ul	0.00
11) 2-Chlorophenol-d4	7.729	132	74616	40.239	ng/ul	0.00
15) 4-Methylphenol-d8	8.916	113	83750	39.759	ng/ul	0.00
21) Nitrobenzene-d5	9.380	128	40811	40.998	ng/ul	0.00
24) 2-Nitrophenol-d4	10.103	143	47507	42.921	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	79071	42.409	ng/ul	0.00
31) 4-Chloroaniline-d4	11.166	131	113139	40.070	ng/ul	0.00
46) Dimethylphthalate-d6	14.228	166	253668	40.780	ng/ul	0.00
49) Acenaphthylene-d8	14.533	160	319382	41.212	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	41877	37.130	ng/ul	0.00
60) Fluorene-d10	15.826	176	227775	41.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	46730	41.954	ng/ul	0.00
73) Anthracene-d10	17.682	188	349480	40.235	ng/ul	0.00
81) Pyrene-d10	19.962	212	396661	38.280	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.050	264	354448	39.056	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.575	88	13382	15.679	ng/uL	94
5) Pyridine	3.992	79	89002	36.985	ng/ul	96
6) Benzaldehyde	7.330	77	70963m	42.049	ng/ul	11/29/21 JU
8) Phenol	7.383	94	105159	37.993	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.606	93	81021	39.107	ng/ul	95
12) 2-Chlorophenol	7.765	128	75868	40.296	ng/ul	97
13) 2-Methylphenol	8.646	108	79078	38.653	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.716	45	116500	35.700	ng/ul	97
16) Acetophenone	9.034	105	128192	39.175	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.004	70	75033	38.004	ng/ul	94
18) 4-Methylphenol	8.981	108	84244	38.674	ng/ul	95
19) Hexachloroethane	9.286	117	30932	39.294	ng/ul	94
22) Nitrobenzene	9.421	77	105839	38.123	ng/ul	97
23) Isophorone	9.938	82	208657	38.725	ng/ul	98
25) 2-Nitrophenol	10.138	139	47700	42.956	ng/ul	96
26) 2,4-Dimethylphenol	10.185	107	97575	39.926	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.414	93	114768	39.532	ng/ul	96
29) 2,4-Dichlorophenol	10.679	162	76436	42.028	ng/ul	97
30) Naphthalene	11.078	128	255459	39.882	ng/ul	97
32) 4-Chloroaniline	11.190	127	112644	40.177	ng/ul	100
33) Hexachlorobutadiene	11.343	225	50728	42.498	ng/ul	99
34) Caprolactam	11.960	113	30443m	39.429	ng/ul	11/29/21 JU
35) 4-Chloro-3-methylphenol	12.306	107	93297	40.158	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.671	142	176968	40.554	ng/ul	100
37) 1-Methylnaphthalene	12.888	142	180126	40.737	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.035	216	102493	43.264	ng/ul	97
40) Hexachlorocyclopentadiene	13.000	237	31070	27.311	ng/ul	99
41) 2,4,6-Trichlorophenol	13.276	196	66314	42.778	ng/ul	95
42) 2,4,5-Trichlorophenol	13.358	196	69648	41.849	ng/ul	96
43) 1,1'-Biphenyl	13.663	154	241059	40.563	ng/ul	97
44) 2-Chloronaphthalene	13.716	162	190964	41.005	ng/ul	99
45) 2-Nitroaniline	13.922	65	70032	37.850	ng/ul	93
47) Dimethylphthalate	14.275	163	254341	40.893	ng/ul	100
48) 2,6-Dinitrotoluene	14.410	165	54157	41.603	ng/ul	94
50) Acenaphthylene	14.557	152	311207	40.067	ng/ul	98
51) 3-Nitroaniline	14.745	138	56240	41.772	ng/ul	94
52) Acenaphthene	14.897	153	203459	39.837	ng/ul	95
53) 2,4-Dinitrophenol	14.962	184	25946	36.130	ng/ul	91
55) 4-Nitrophenol	15.062	109	36504	35.291	ng/ul	94
56) Dibenzofuran	15.232	168	295400	40.408	ng/ul	99
57) 2,4-Dinitrotoluene	15.203	165	78371	42.185	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.461	232	55740	42.618	ng/ul	96
59) Diethylphthalate	15.626	149	266944	40.096	ng/ul	99
61) Fluorene	15.879	166	233915	40.427	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.861	204	126607	42.020	ng/ul	94
63) 4-Nitroaniline	15.908	138	56406	42.230	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.967	198	45009	41.437	ng/ul#	98
67) N-Nitrosodiphenylamine	16.078	169	211569	41.199	ng/ul	97
68) 4-Bromophenyl-phenylether	16.760	248	79544	43.527	ng/ul	93
69) Hexachlorobenzene	16.883	284	81805	43.543	ng/ul	97
70) Atrazine	17.024	200	89595	41.142	ng/ul	99
71) Pentachlorophenol	17.236	266	31180	36.149	ng/ul	97
72) Phenanthrene	17.624	178	402993	41.094	ng/ul	98
74) Anthracene	17.718	178	395057	40.150	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.640	216	108793	43.492	ng/uL	98
76) Pentachlorobenzene	15.150	250	102670	44.297	ng/uL	99
77) Carbazole	17.988	167	359053	40.712	ng/ul	99
78) Di-n-butylphthalate	18.511	149	455272	39.286	ng/ul	99
80) Fluoranthene	19.627	202	488524	39.284	ng/ul	97
82) Pyrene	19.991	202	468022	38.517	ng/ul	96
83) Butylbenzylphthalate	20.849	149	197797	37.855	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.766	252	160219	41.007	ng/ul	98
85) Benzo(a)anthracene	21.866	228	438569	39.487	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.725	149	284579	37.942	ng/ul	99
87) Chrysene	21.930	228	419937	39.580	ng/ul	99
89) Di-n-octyl phthalate	22.988	149	483887	36.206	ng/ul	100
90) Benzo(b)fluoranthene	24.198	252	452438	38.686	ng/ul	99
91) Benzo(k)fluoranthene	24.269	252	407951	37.173	ng/ul	99
93) Benzo(a)pyrene	25.127	252	424018	38.067	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.198	276	478904	38.623	ng/ul	98
95) Dibenzo(a,h)anthracene	29.257	278	405728	38.672	ng/ul	97
96) Benzo(g,h,i)perylene	30.432	276	401956	38.727	ng/ul	96

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