Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051201.D
Acq On : 24 Nov 2021 3:24
Operator : CG/JU
Sample : M4753-09MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 24 06:58:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A0015MSD

Manual IntegrationsAPPROVED

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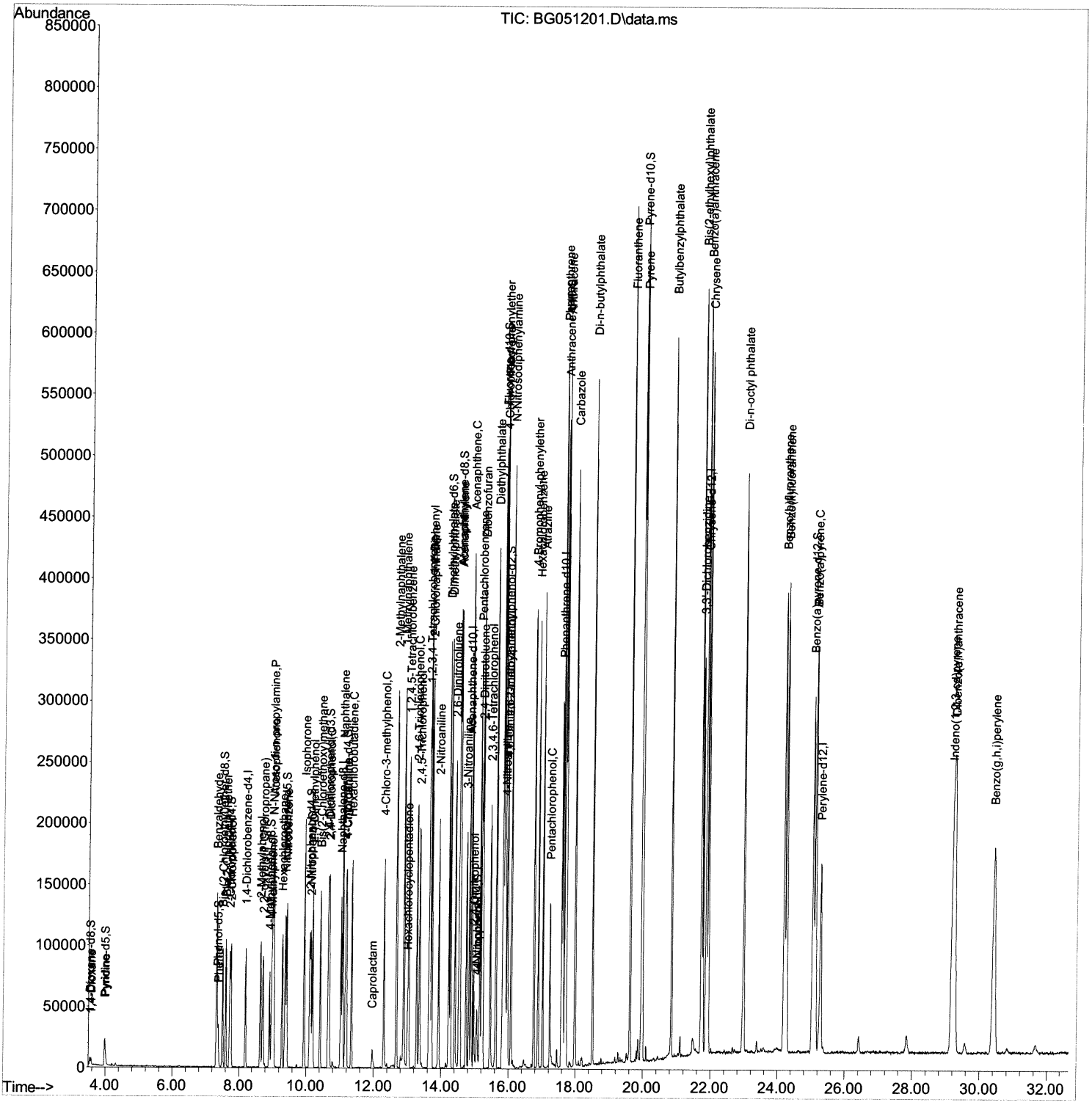
Supervised By :mohammad ahmed 11/30/2021



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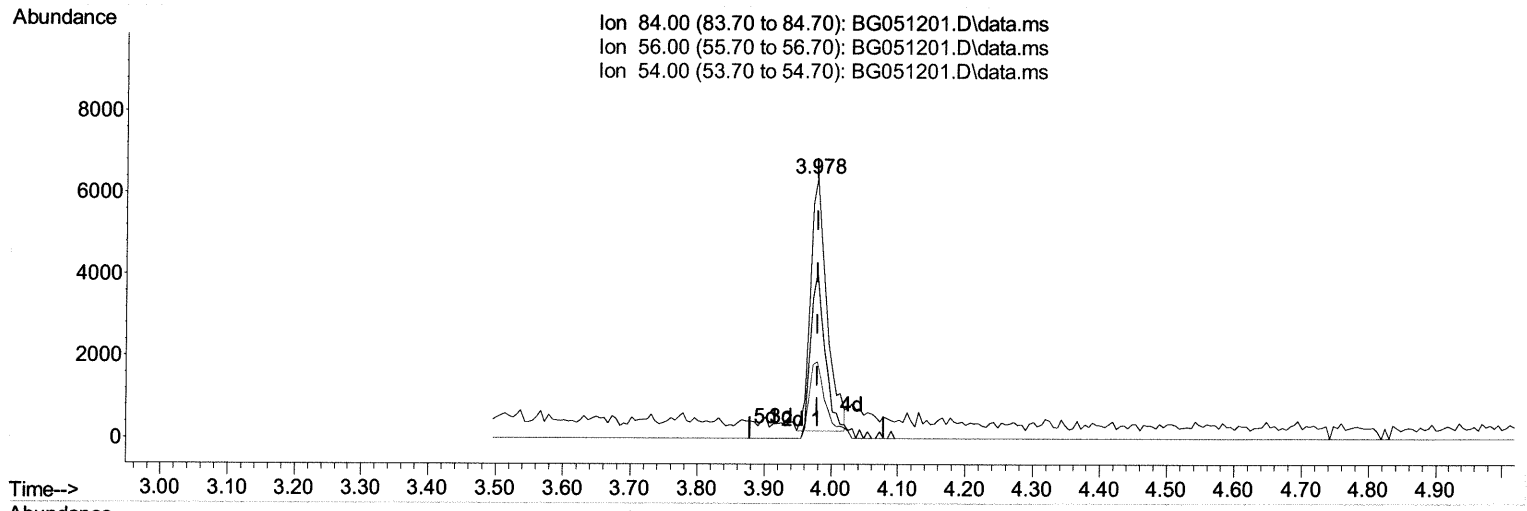

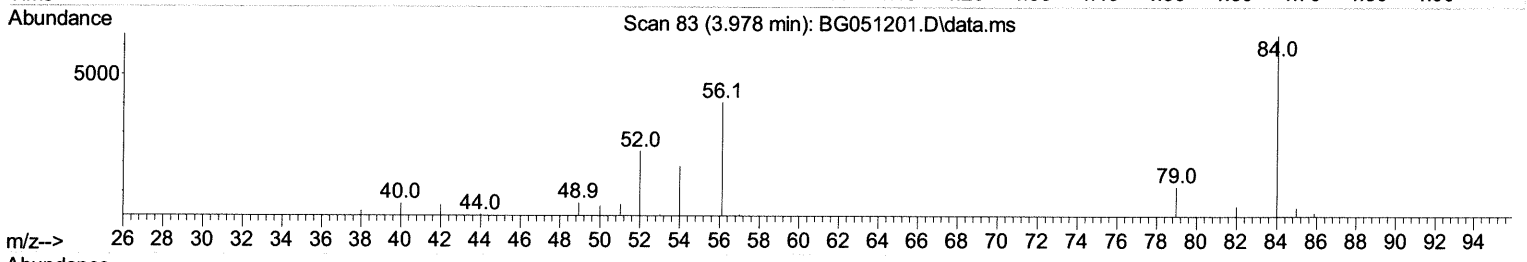

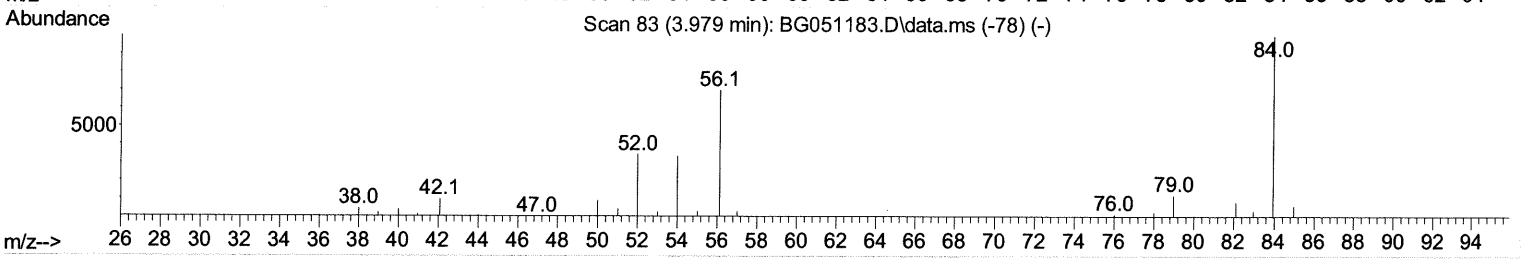

TIC: BG051201.D\data.ms

(4) Pyridine-d5 (S)

3.978min (-0.001) 4.76 ng/ul

response 10648

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	64.01
54.00	31.50	29.46
0.00	0.00	0.00

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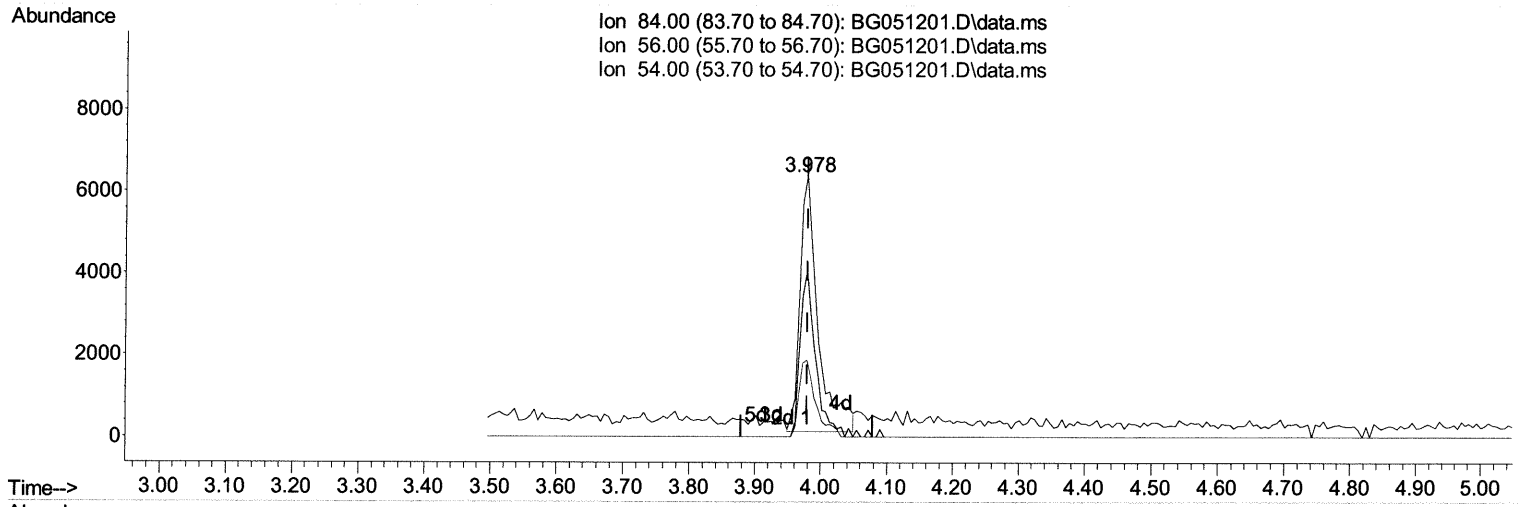

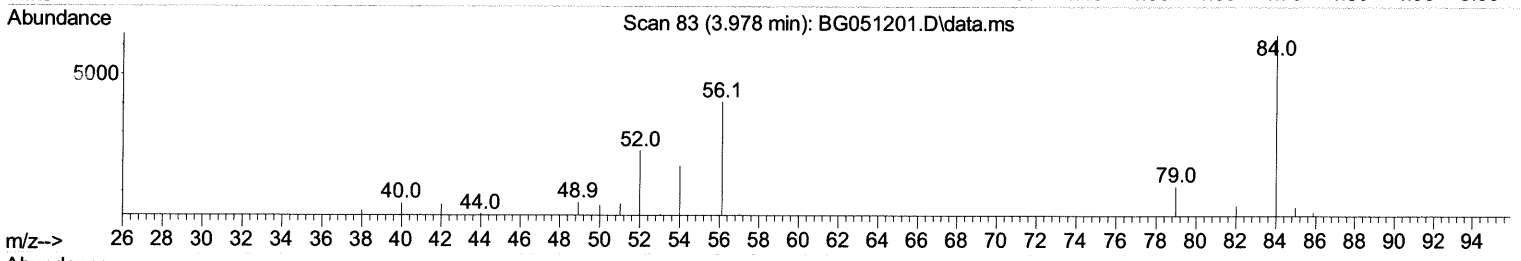

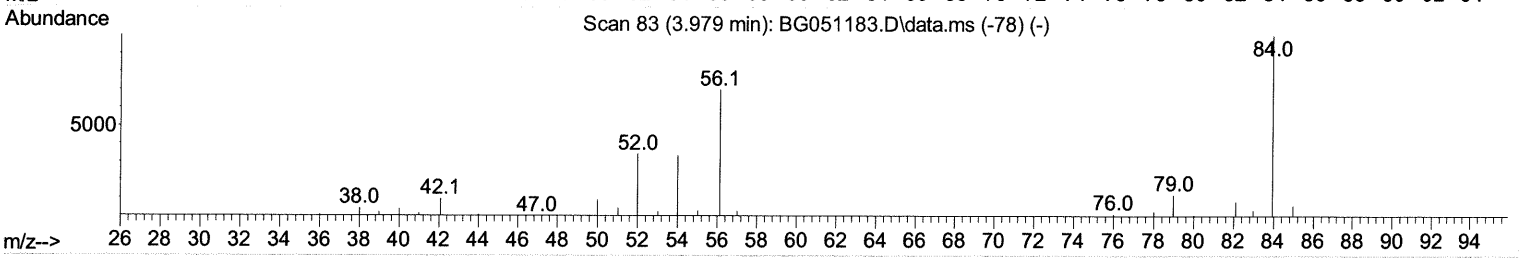

TIC: BG051201.D\data.ms

(4) Pyridine-d5 (S)

3.978min (-0.001) 5.35 ng/ul m 11/24/21 JU

response 11950

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	64.01
54.00	31.50	29.46
0.00	0.00	0.00

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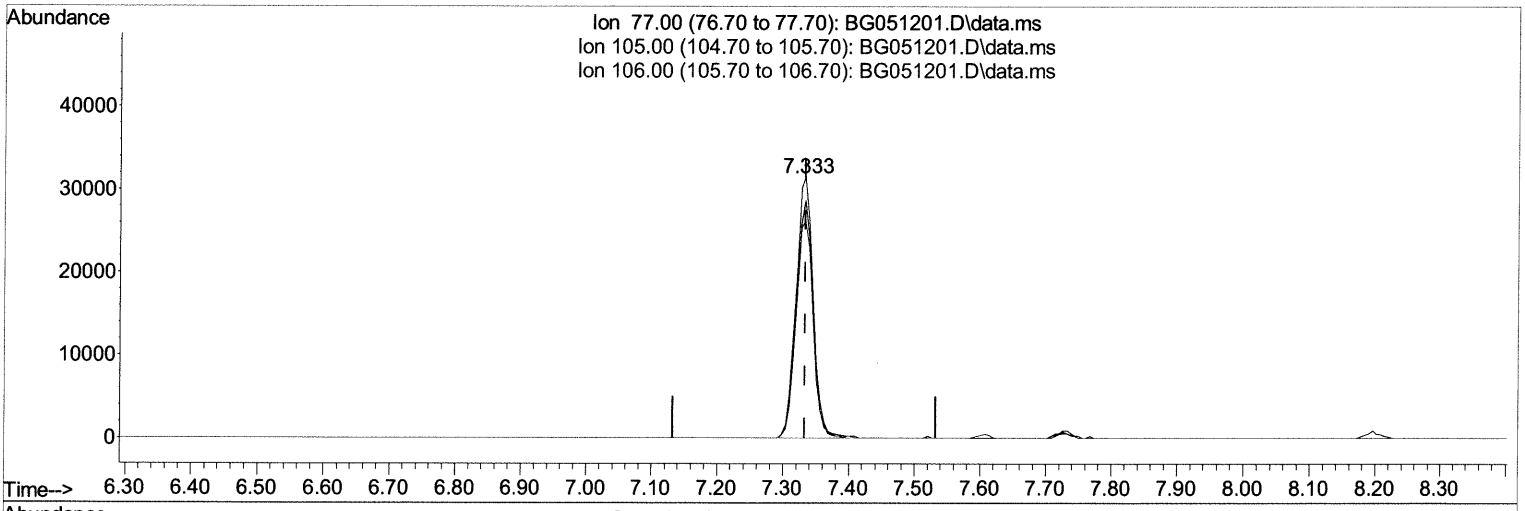

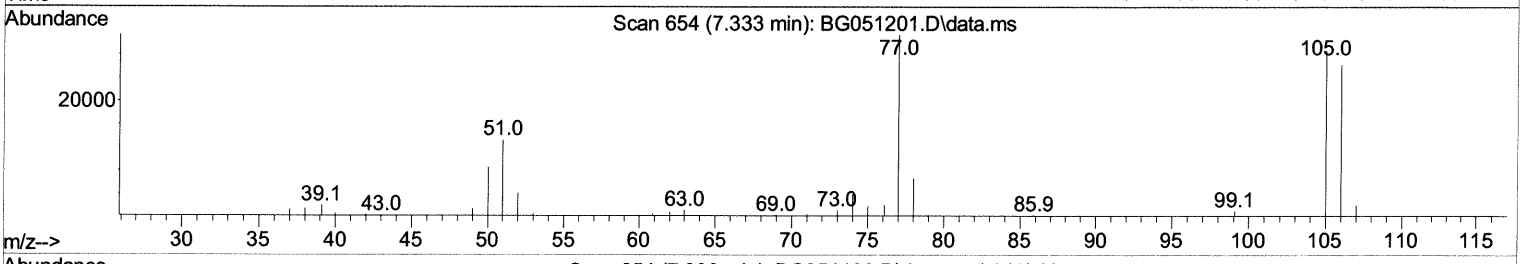

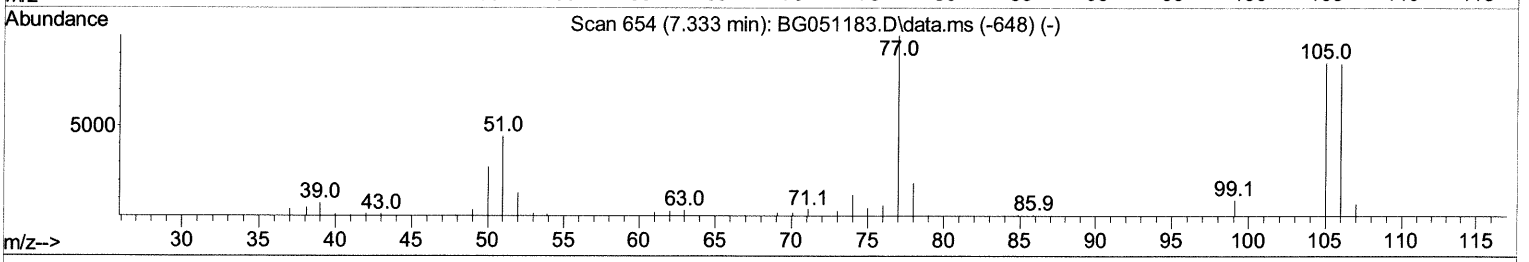

TIC: BG051201.D\data.ms

(6) Benzaldehyde

7.333min (-0.001) 34.32 ng/ul

response 57177

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	91.12
106.00	76.50	83.68
0.00	0.00	0.00

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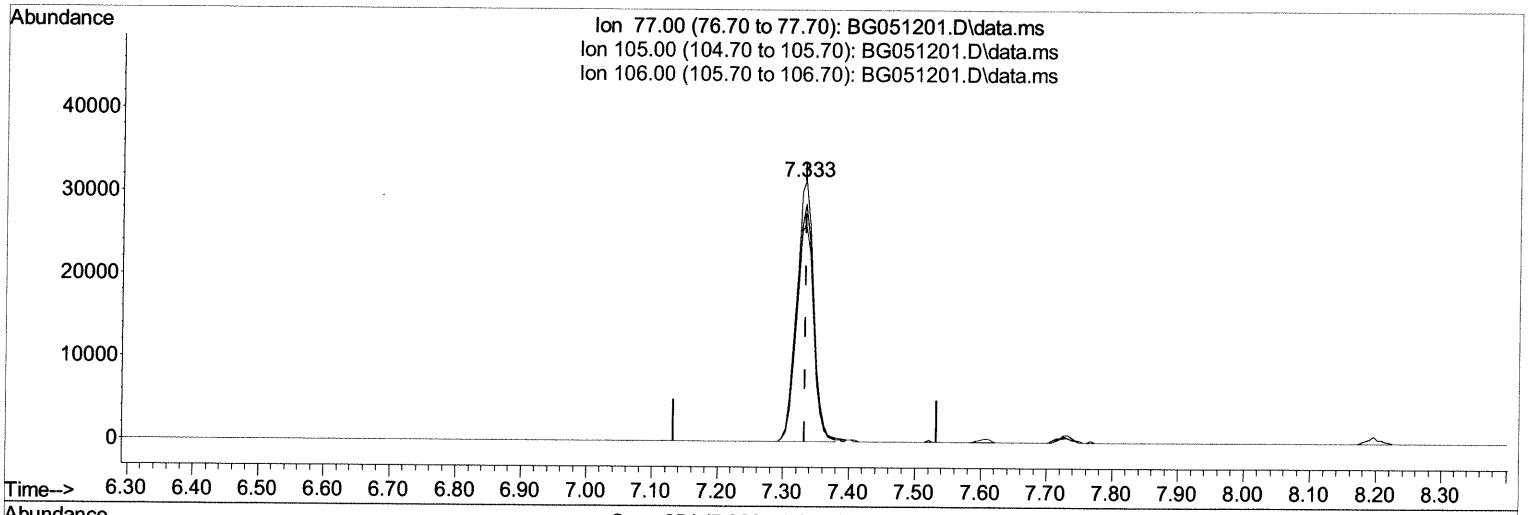

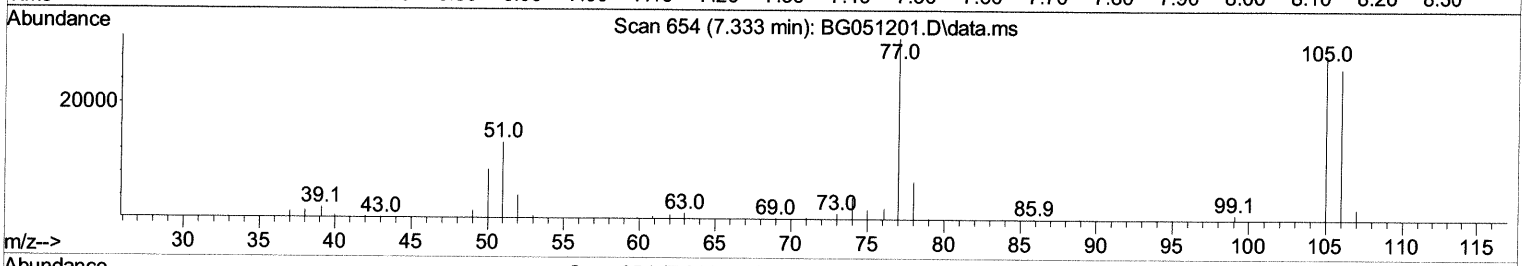

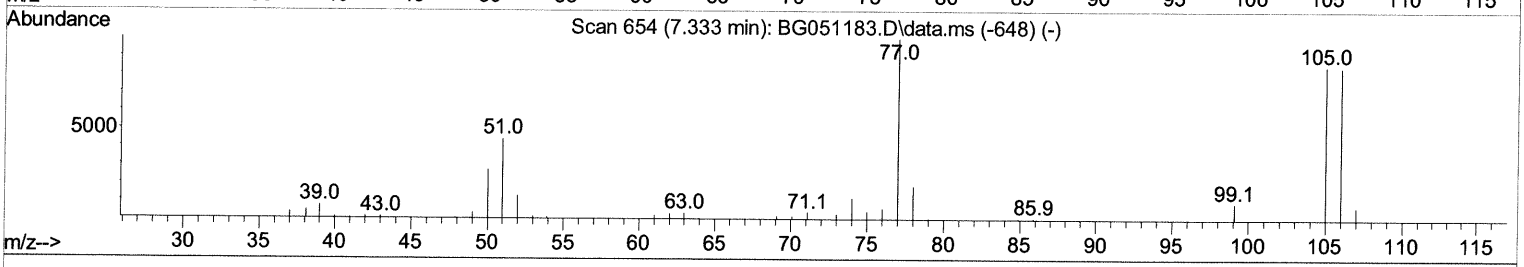

TIC: BG051201.D\data.ms

(6) Benzaldehyde

7.333min (-0.001) 34.12 ng/ul m 11/29/21JU

response 56845

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	91.12
106.00	76.50	83.68
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	8.196	152	26466	20.000	ng/ul	0.00
20) Naphthalene-d8	11.028	136	121946	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.830	164	84413	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.580	188	186805	20.000	ng/ul	0.00
79) Chrysene-d12	21.880	240	160829	20.000	ng/ul	0.00
88) Perylene-d12	25.276	264	163547	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.537	96	3542	4.651	ng/uL	0.00
4) Pyridine-d5	3.978	84	11950m	5.347	ng/ul	0.00
7) Phenol-d5	7.356	99	17271	6.603	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.509	67	50210	30.564	ng/ul	0.00
11) 2-Chlorophenol-d4	7.726	132	44549	23.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.913	113	31221	14.791	ng/ul	0.00
21) Nitrobenzene-d5	9.372	128	31873	30.963	ng/ul	0.00
24) 2-Nitrophenol-d4	10.100	143	34856	30.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	55305	28.071	ng/ul	0.00
31) 4-Chloroaniline-d4	11.164	131	70488	24.451	ng/ul	0.00
46) Dimethylphthalate-d6	14.225	166	228240	35.140	ng/ul	0.00
49) Acenaphthylene-d8	14.530	160	274263	33.487	ng/ul	0.00
54) 4-Nitrophenol-d4	15.047	143	7200	6.848	ng/ul	0.00
60) Fluorene-d10	15.823	176	208523	35.652	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	40160	34.840	ng/ul	0.00
73) Anthracene-d10	17.679	188	320192	35.839	ng/ul	0.00
81) Pyrene-d10	19.959	212	358055	36.794	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.041	264	317991	36.406	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.578	88	3326	3.872	ng/uL	98
5) Pyridine	3.996	79	11566	4.974	ng/ul	98
6) Benzaldehyde	7.333	77	56845m	34.125	ng/ul	
8) Phenol	7.386	94	19429	7.170	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.609	93	61468	29.984	ng/ul	96
12) 2-Chlorophenol	7.762	128	44805	23.343	ng/ul	98
13) 2-Methylphenol	8.643	108	36113	17.892	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.719	45	89611	30.292	ng/ul	99
16) Acetophenone	9.025	105	99171	30.375	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.001	70	58837	31.360	ng/ul	98
18) 4-Methylphenol	8.972	108	33497	15.520	ng/ul	98
19) Hexachloroethane	9.283	117	22947	28.304	ng/ul	97
22) Nitrobenzene	9.419	77	83289	30.857	ng/ul	98
23) Isophorone	9.936	82	161553	30.807	ng/ul	98
25) 2-Nitrophenol	10.135	139	34510	28.692	ng/ul	92
26) 2,4-Dimethylphenol	10.182	107	57713	23.469	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.412	93	88487	30.565	ng/ul	99
29) 2,4-Dichlorophenol	10.676	162	53677	27.677	ng/ul	97
30) Naphthalene	11.075	128	196690	29.643	ng/ul	97
32) 4-Chloroaniline	11.187	127	71216	24.607	ng/ul	98
33) Hexachlorobutadiene	11.340	225	37805	28.261	ng/ul	99
34) Caprolactam	11.951	113	3422	4.488	ng/ul#	73
35) 4-Chloro-3-methylphenol	12.298	107	65533	28.129	ng/ul	99

11/24/21 JU

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.668	142	140168	31.057 ng/ul	100
37) 1-Methylnaphthalene	12.885	142	141805	30.540 ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.032	216	81805	30.869 ng/ul	96
40) Hexachlorocyclopentadiene	12.997	237	16297	15.215 ng/ul#	93
41) 2,4,6-Trichlorophenol	13.273	196	53385	32.101 ng/ul	97
42) 2,4,5-Trichlorophenol	13.349	196	59007	33.883 ng/ul	97
43) 1,1'-Biphenyl	13.667	154	197731	31.362 ng/ul	97
44) 2-Chloronaphthalene	13.714	162	155126	30.931 ng/ul	99
45) 2-Nitroaniline	13.919	65	62568	36.047 ng/ul	94
47) Dimethylphthalate	14.272	163	225085	34.237 ng/ul	100
48) 2,6-Dinitrotoluene	14.407	165	49301	35.700 ng/ul	93
50) Acenaphthylene	14.554	152	262052	32.385 ng/ul	98
51) 3-Nitroaniline	14.742	138	45716	33.491 ng/ul	92
52) Acenaphthene	14.895	153	178266	33.405 ng/ul	99
53) 2,4-Dinitrophenol	14.959	184	21011	27.526 ng/ul#	88
55) 4-Nitrophenol	15.059	109	7040	7.719 ng/ul	96
56) Dibenzofuran	15.229	168	258151	33.538 ng/ul	99
57) 2,4-Dinitrotoluene	15.200	165	70992	35.993 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.459	232	48550	35.502 ng/ul	94
59) Diethylphthalate	15.623	149	242667	35.165 ng/ul	100
61) Fluorene	15.876	166	210926	34.210 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.858	204	112050	33.722 ng/ul	95
63) 4-Nitroaniline	15.905	138	48092	36.204 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.964	198	38401	34.543 ng/ul#	95
67) N-Nitrosodiphenylamine	16.075	169	188896	35.322 ng/ul	98
68) 4-Bromophenyl-phenylether	16.757	248	71034	35.480 ng/ul	93
69) Hexachlorobenzene	16.880	284	73146	35.830 ng/ul	96
70) Atrazine	17.016	200	72015	32.042 ng/ul	100
71) Pentachlorophenol	17.233	266	26299	29.072 ng/ul	98
72) Phenanthrene	17.621	178	363516	35.244 ng/ul	99
74) Anthracene	17.715	178	362437	35.382 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.637	216	86596	31.781 ng/uL	96
76) Pentachlorobenzene	15.147	250	86068	33.901 ng/uL	99
77) Carbazole	17.985	167	324840	36.127 ng/ul	98
78) Di-n-butylphthalate	18.514	149	413822	35.694 ng/ul	99
80) Fluoranthene	19.624	202	430677	36.033 ng/ul	97
82) Pyrene	19.989	202	417208	35.684 ng/ul	97
83) Butylbenzylphthalate	20.846	149	178062	36.633 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.763	252	116526	31.119 ng/ul	98
85) Benzo(a)anthracene	21.863	228	393089	36.036 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.722	149	256466	36.667 ng/ul	99
87) Chrysene	21.927	228	375253	35.809 ng/ul	99
89) Di-n-octyl phthalate	22.985	149	439319	37.078 ng/ul	100
90) Benzo(b)fluoranthene	24.190	252	394077	35.704 ng/ul	99
91) Benzo(k)fluoranthene	24.260	252	371368	35.855 ng/ul	98
93) Benzo(a)pyrene	25.124	252	375316	35.643 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.190	276	426755	36.218 ng/ul	97
95) Dibenzo(a,h)anthracene	29.248	278	356108	35.624 ng/ul	98
96) Benzo(g,h,i)perylene	30.423	276	358121	36.124 ng/ul	97

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