Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031986.D
Acq On : 31 Aug 2021 15:02
Operator : CG/JU
Sample : PB138649BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 31 16:30:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS649

Manual Integrations APPROVED
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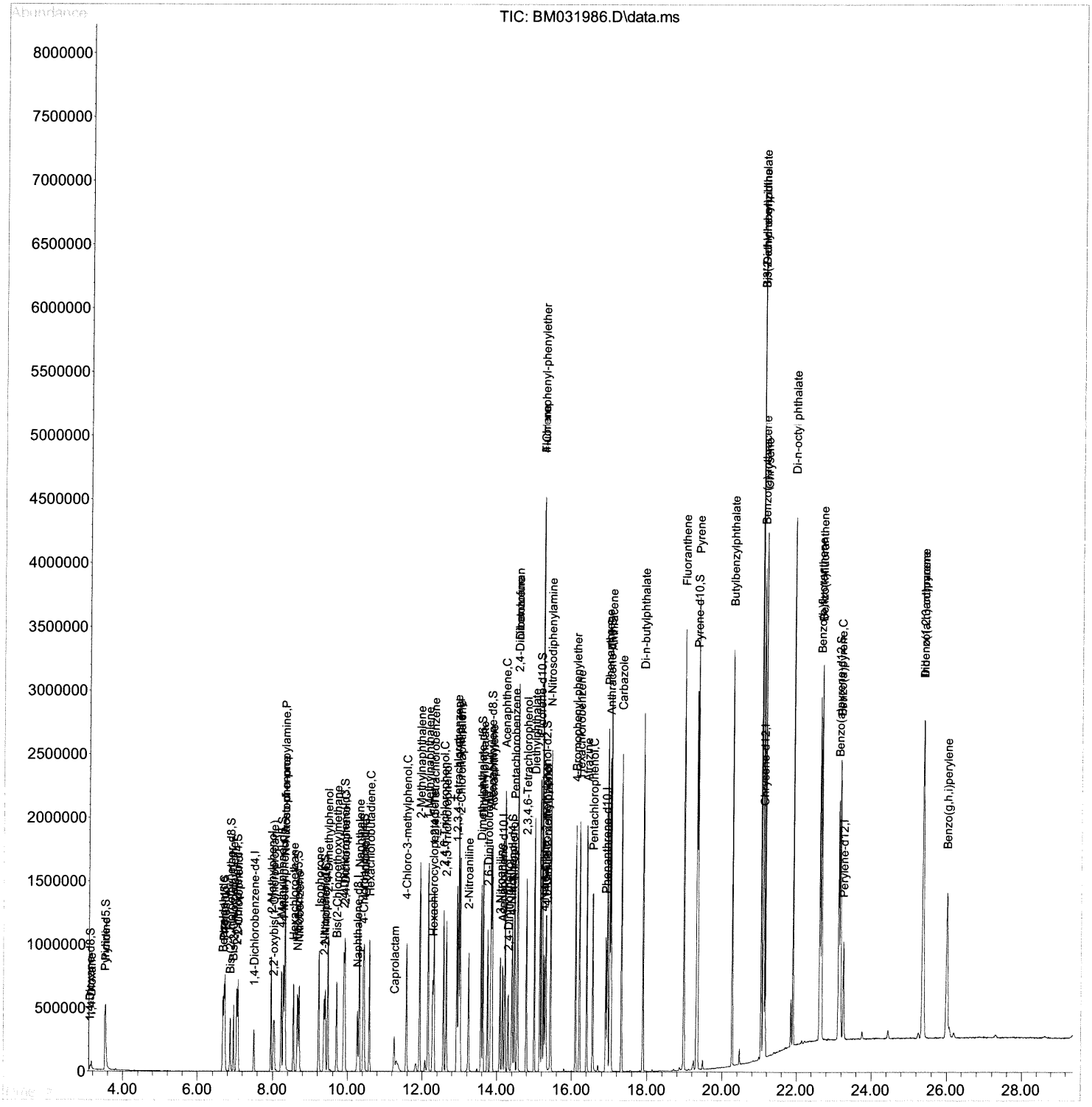

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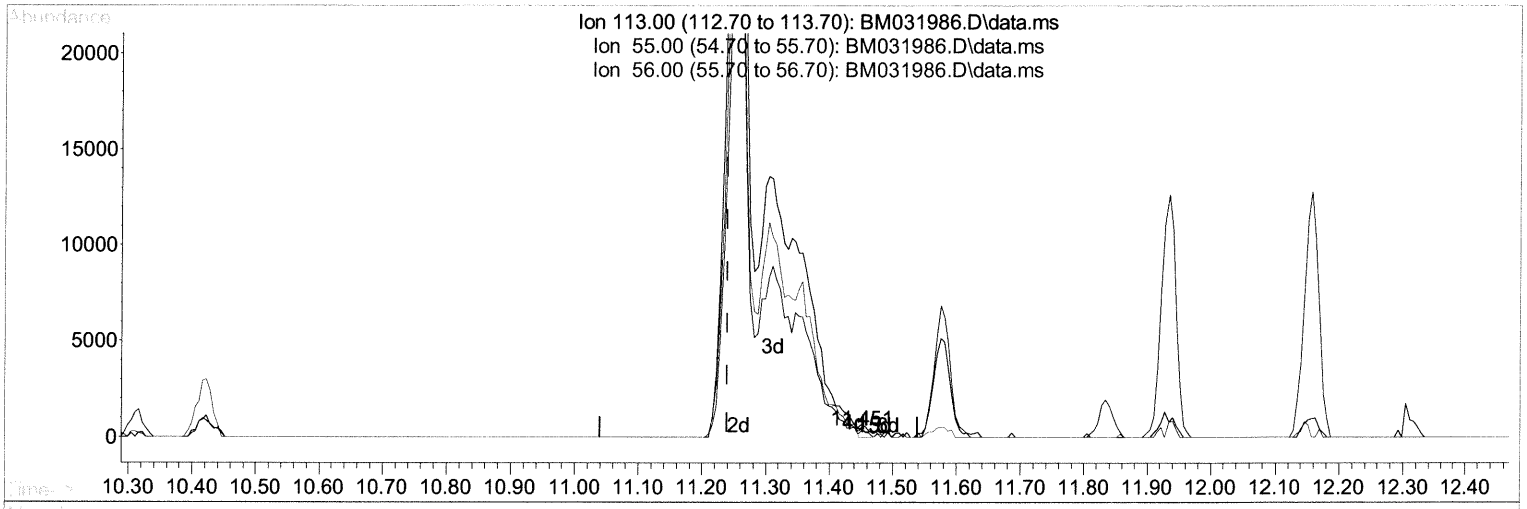

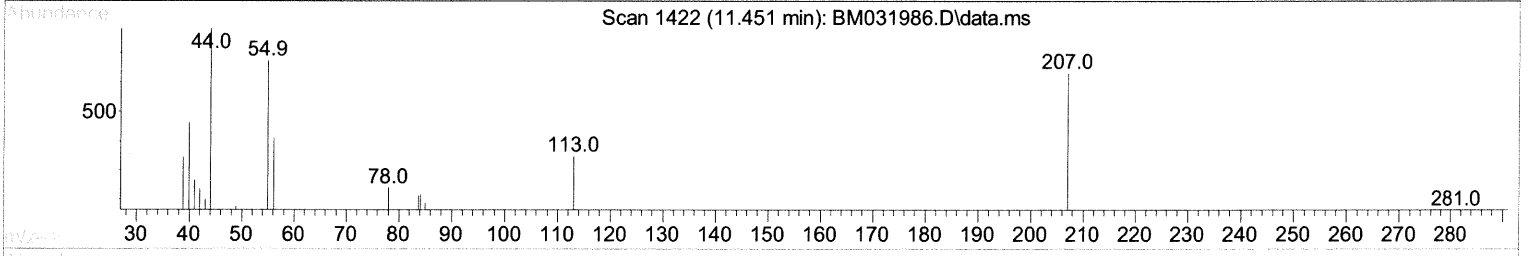

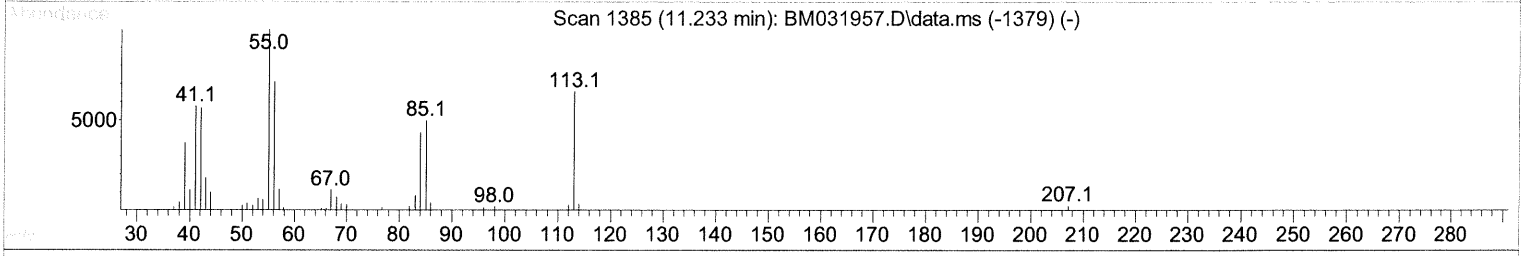

TIC: BM031986.D\data.ms

(34) Caprolactam

11.451min (+ 0.212) 0.14 ng/ul

response 284

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	193.68
56.00	127.40	117.82
0.00	0.00	0.00

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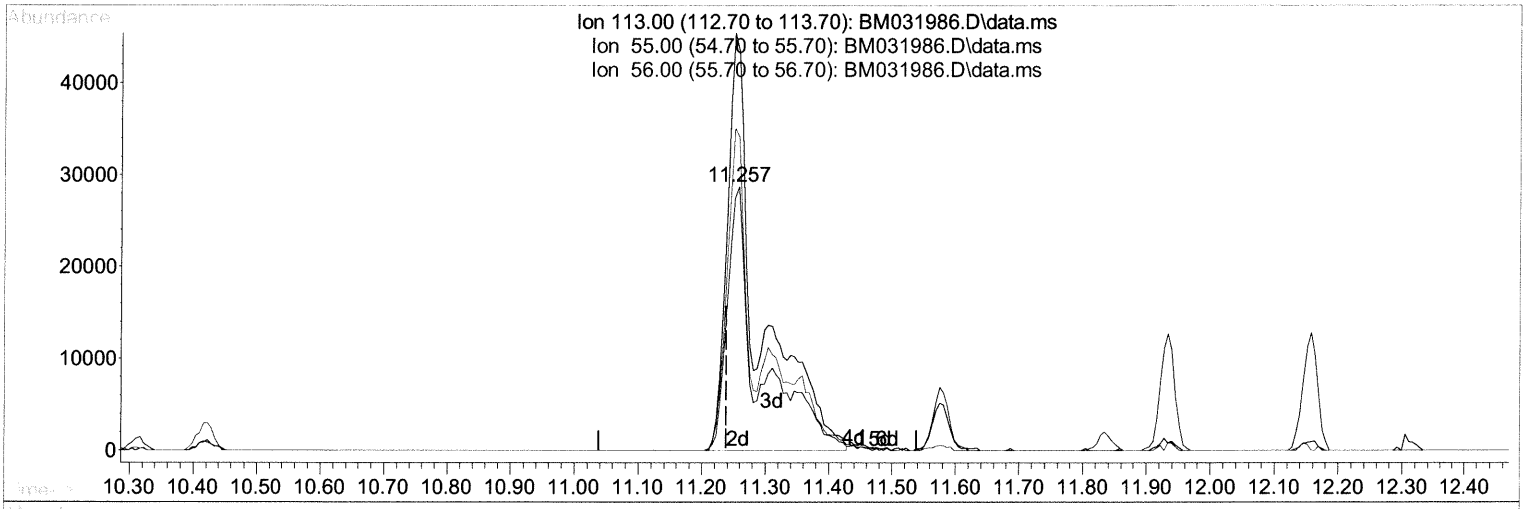

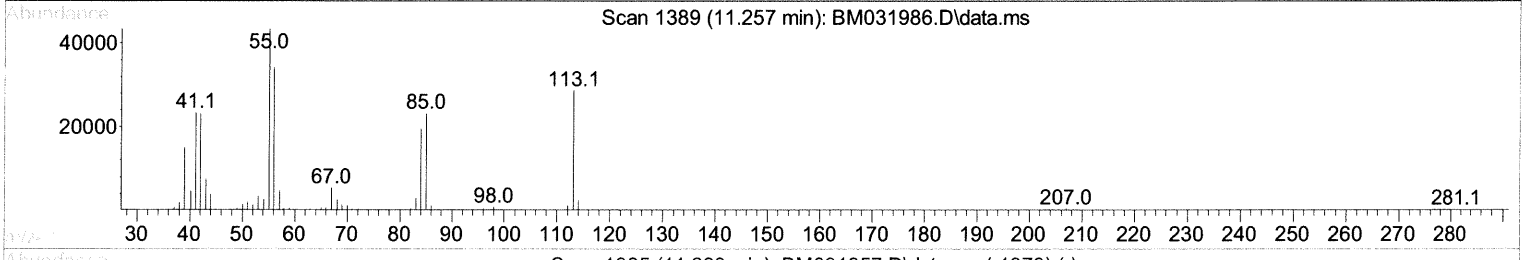

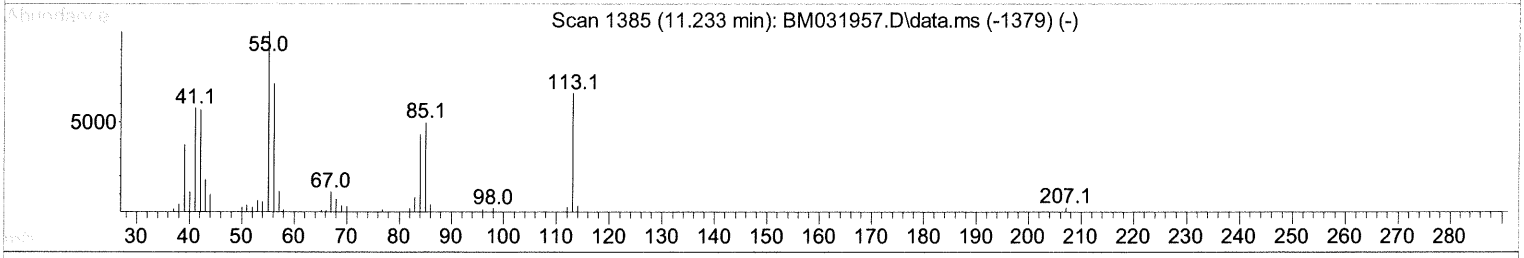

TIC: BM031986.D\data.ms

(34) Caprolactam

11.257min (+ 0.018) 48.67 ng/ul m 09/03/21 JU

response 98469

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	151.20#
56.00	127.40	118.83
0.00	0.00	0.00

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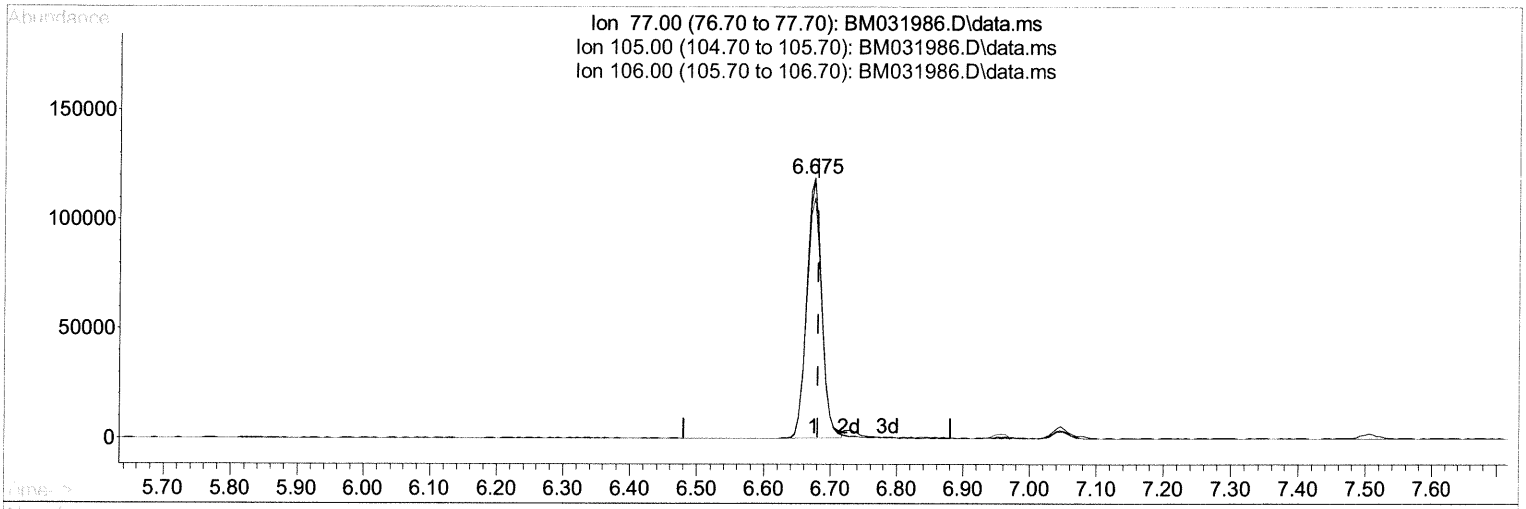

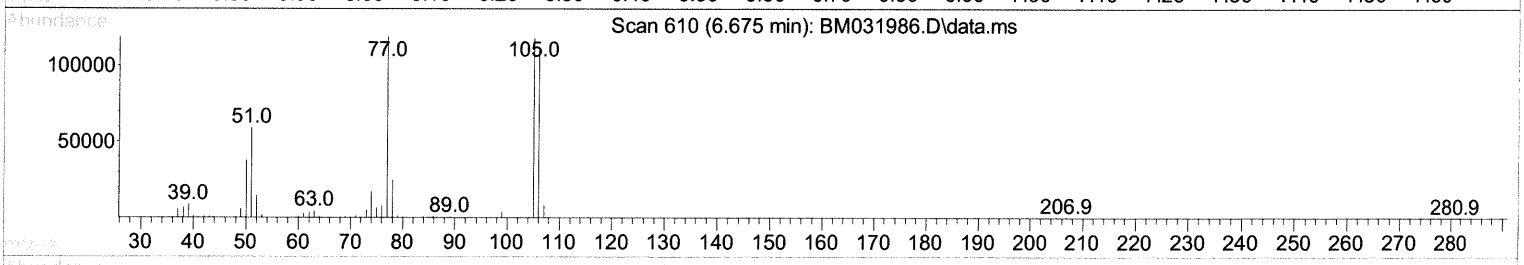

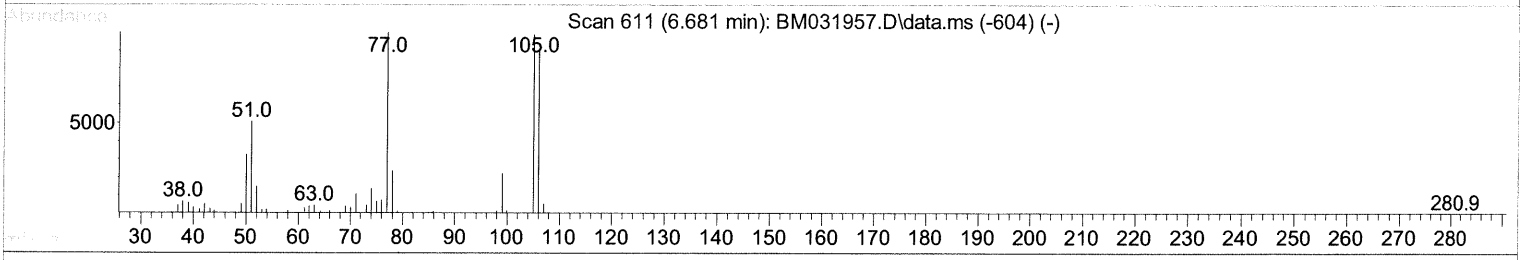

TIC: BM031986.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 60.17 ng/ul

response 191365

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	99.23
106.00	93.70	92.25
0.00	0.00	0.00

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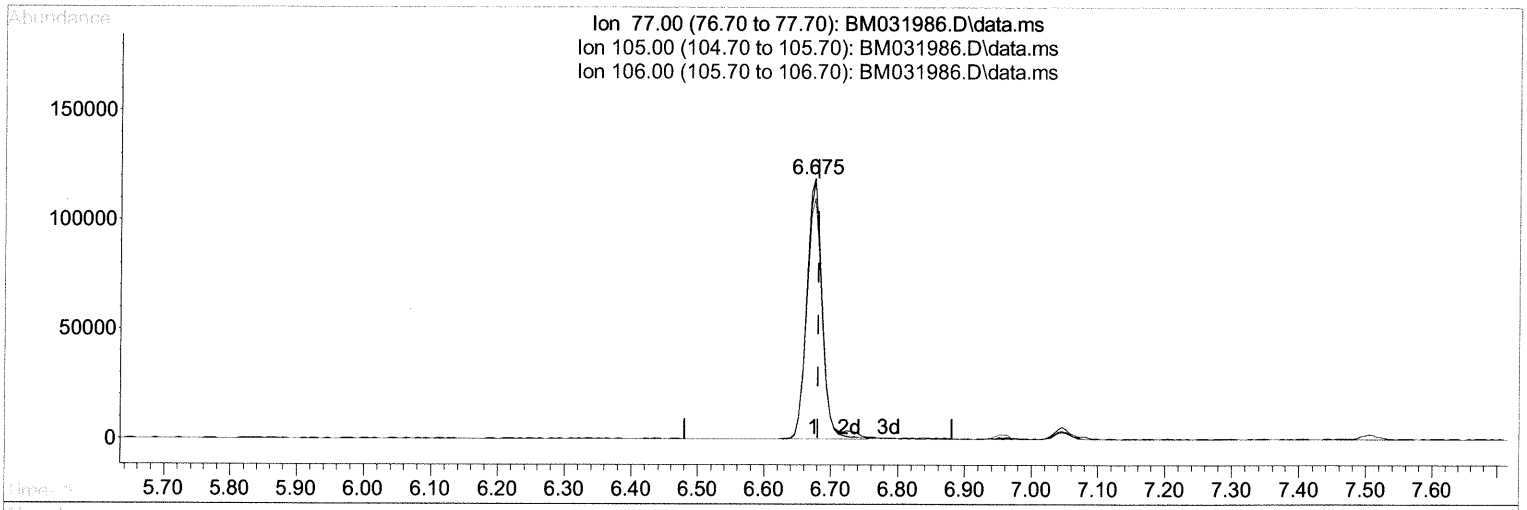

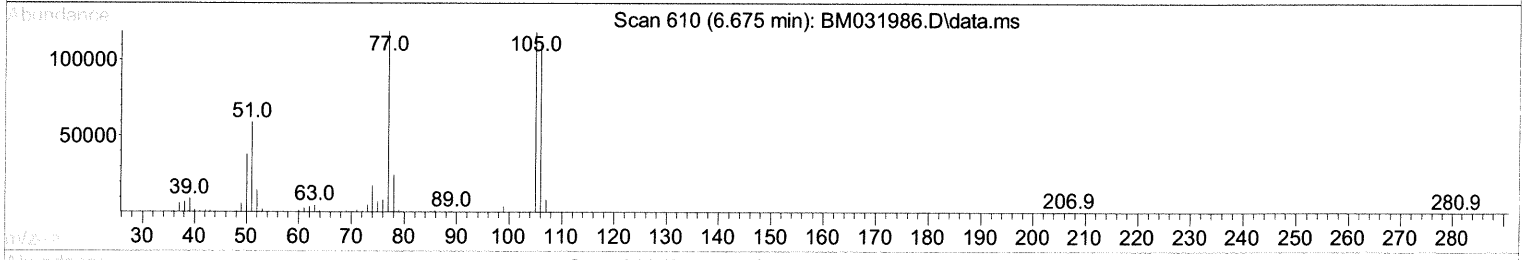

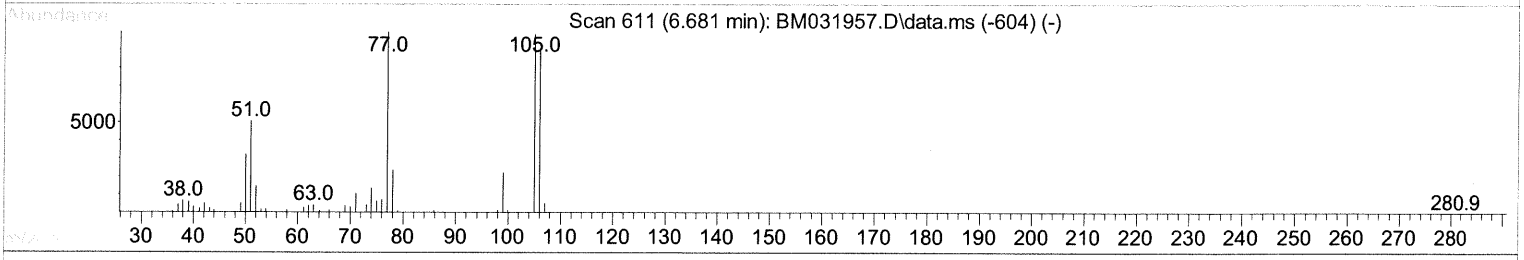

TIC: BM031986.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 62.02 ng/ul m 09/03/21 JU

response 197231

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	99.23
106.00	93.70	92.25
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	7.505	152	84719	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	370000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.145	164	280393	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	603620	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.115	240	604385	20.000	ng/ul	# 0.00
88) Perylene-d12	23.251	264	494356	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	15321	8.344	ng/uL	0.00
4) Pyridine-d5	3.517	84	225705	43.287	ng/ul	0.00
7) Phenol-d5	6.705	99	336525	47.902	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	181470	44.645	ng/ul	0.00
11) 2-Chlorophenol-d4	7.046	132	267469	49.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	283809	47.087	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	136123	50.652	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	167444	52.648	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	329772	51.680	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	395350	43.922	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	971419	45.786	ng/ul	0.00
49) Acenaphthylene-d8	13.834	160	1252868	49.862	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	174887	45.540	ng/ul	0.00
60) Fluorene-d10	15.151	176	869116	46.600	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	180201	43.447	ng/ul	0.00
73) Anthracene-d10	17.004	188	1384506	48.324	ng/ul	0.00
81) Pyrene-d10	19.310	212	1574322	55.612	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	1268793	48.835	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	32971	14.894	ng/uL	91
5) Pyridine	3.534	79	238004	44.400	ng/ul	92
6) Benzaldehyde	6.675	77	197231m	62.016	ng/ul	09/03/21 JU
8) Phenol	6.728	94	361862	51.188	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.957	93	259618	48.218	ng/ul	91
12) 2-Chlorophenol	7.075	128	288243	53.395	ng/ul	97
13) 2-Methylphenol	7.957	108	272322	49.962	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.028	45	331005	47.306	ng/ul#	91
16) Acetophenone	8.328	105	461491	48.887	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.322	70	232291	50.439	ng/ul	94
18) 4-Methylphenol	8.287	108	303968	50.220	ng/ul	95
19) Hexachloroethane	8.552	117	117345	50.744	ng/ul	90
22) Nitrobenzene	8.699	77	349537	51.519	ng/ul	99
23) Isophorone	9.228	82	641634	51.384	ng/ul#	96
25) 2-Nitrophenol	9.399	139	182799	55.174	ng/ul#	94
26) 2,4-Dimethylphenol	9.469	107	352644	52.289	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.704	93	380874	51.455	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	334055	55.038	ng/ul	98
30) Naphthalene	10.310	128	945884	51.066	ng/ul	100
32) 4-Chloroaniline	10.440	127	418814	46.644	ng/ul	99
33) Hexachlorobutadiene	10.587	225	210767	52.344	ng/ul	98
34) Caprolactam	11.257	113	98469m	48.671	ng/ul	09/03/21 JU
35) 4-Chloro-3-methylphenol	11.575	107	345043	54.209	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.934	142	750625	51.397	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	726042	48.808	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.310	216	429171	53.321	ng/ul	99
40) Hexachlorocyclopentadiene	12.281	237	197158	45.510	ng/ul	99
41) 2,4,6-Trichlorophenol	12.563	196	297234	55.125	ng/ul	98
42) 2,4,5-Trichlorophenol	12.639	196	318728	54.432	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	1022137	51.825	ng/ul	97
44) 2-Chloronaphthalene	13.010	162	810920	51.897	ng/ul	99
45) 2-Nitroaniline	13.239	65	234004	54.357	ng/ul	97
47) Dimethylphthalate	13.622	163	1034024	49.634	ng/ul	100
48) 2,6-Dinitrotoluene	13.751	165	224717	54.676	ng/ul	95
50) Acenaphthylene	13.869	152	1191197	51.522	ng/ul	98
51) 3-Nitroaniline	14.081	138	211831	55.076	ng/ul	96
52) Acenaphthene	14.210	153	858983	51.156	ng/ul	98
53) 2,4-Dinitrophenol	14.298	184	131605	45.798	ng/ul	93
55) 4-Nitrophenol	14.410	109	175192	49.414	ng/ul	87
56) Dibenzofuran	14.551	168	1251254	50.529	ng/ul	98
57) 2,4-Dinitrotoluene	14.545	165	327825	53.182	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.786	232	277123	52.719	ng/ul#	98
59) Diethylphthalate	15.004	149	1071518	50.324	ng/ul	98
61) Fluorene	15.210	166	1065765	50.864	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	541996	50.507	ng/ul	100
63) 4-Nitroaniline	15.257	138	211852	61.491	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.316	198	186150	46.158	ng/ul#	97
67) N-Nitrosodiphenylamine	15.428	169	915066	52.789	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	330671	53.458	ng/ul	98
69) Hexachlorobenzene	16.204	284	380555	52.988	ng/ul	99
70) Atrazine	16.398	200	351959	53.888	ng/ul	98
71) Pentachlorophenol	16.563	266	235932	50.236	ng/ul	98
72) Phenanthrene	16.951	178	1678940	50.926	ng/ul	100
74) Anthracene	17.039	178	1727835	51.210	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.928	216	430720	54.834	ng/uL	99
76) Pentachlorobenzene	14.469	250	429427	52.111	ng/uL	98
77) Carbazole	17.322	167	1524340	49.363	ng/ul	100
78) Di-n-butylphthalate	17.892	149	1931554	54.586	ng/ul	99
80) Fluoranthene	18.974	202	2020216	58.729	ng/ul#	94
82) Pyrene	19.339	202	2092847	57.465	ng/ul	95
83) Butylbenzylphthalate	20.263	149	893961	62.513	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.045	252	619807	45.553	ng/ul	97
85) Benzo(a)anthracene	21.098	228	1956880	52.052	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.045	149	1442938	62.565	ng/ul#	97
87) Chrysene	21.151	228	1868562	51.674	ng/ul	99
89) Di-n-octyl phthalate	21.904	149	2381243	70.605	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	1747453	55.481	ng/ul	98
91) Benzo(k)fluoranthene	22.662	252	1771461	58.096	ng/ul	98
93) Benzo(a)pyrene	23.162	252	1490418	52.402	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.368	276	1691407	46.465	ng/ul	95
95) Dibenzo(a,h)anthracene	25.374	278	1440079	47.039	ng/ul	96
96) Benzo(g,h,i)perylene	26.003	276	1353542	44.904	ng/ul	96

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