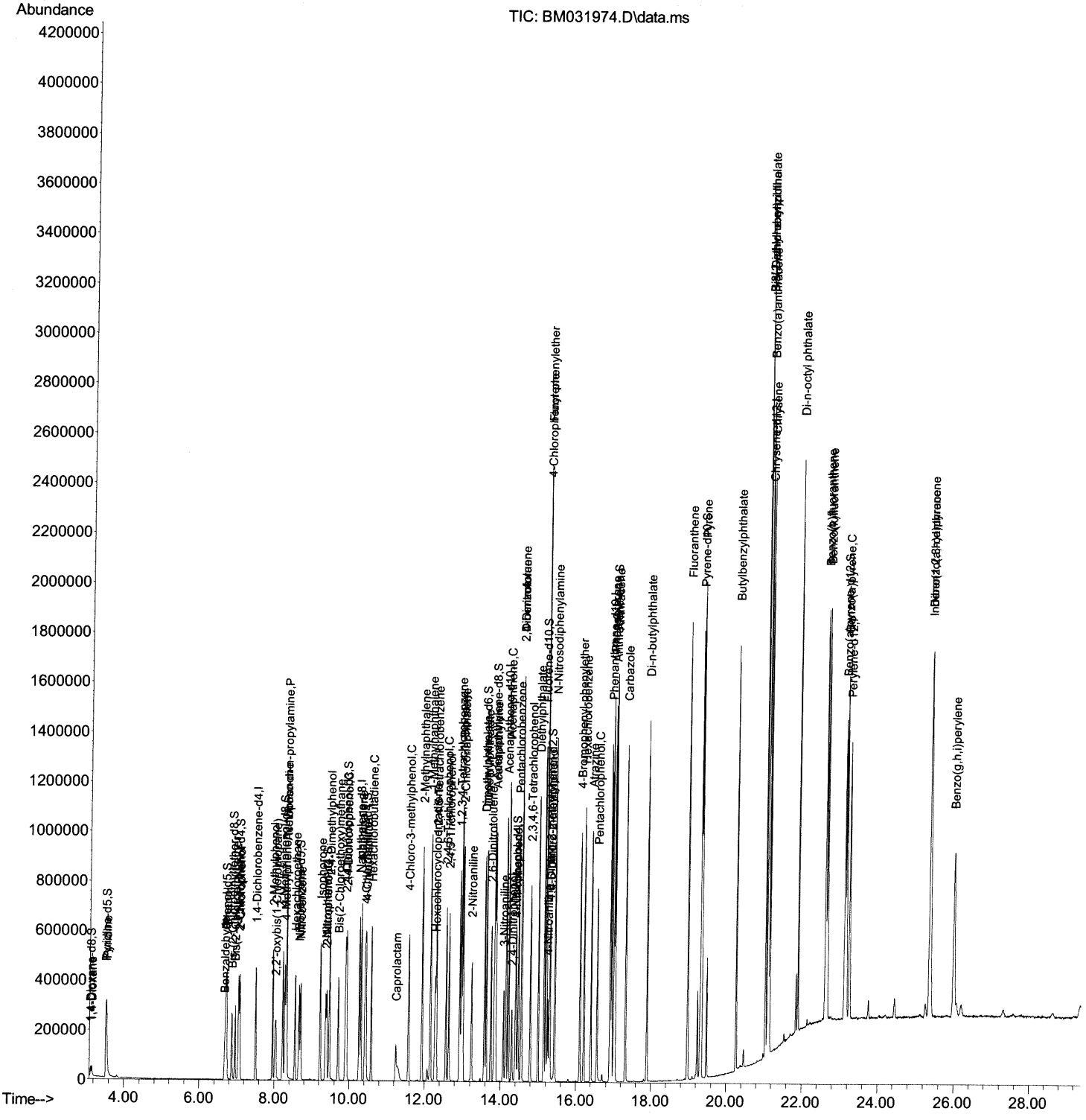
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031974.D
Acq On : 31 Aug 2021 06:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 31 08:42:52 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
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
8/31/2021 11:37:50 AM



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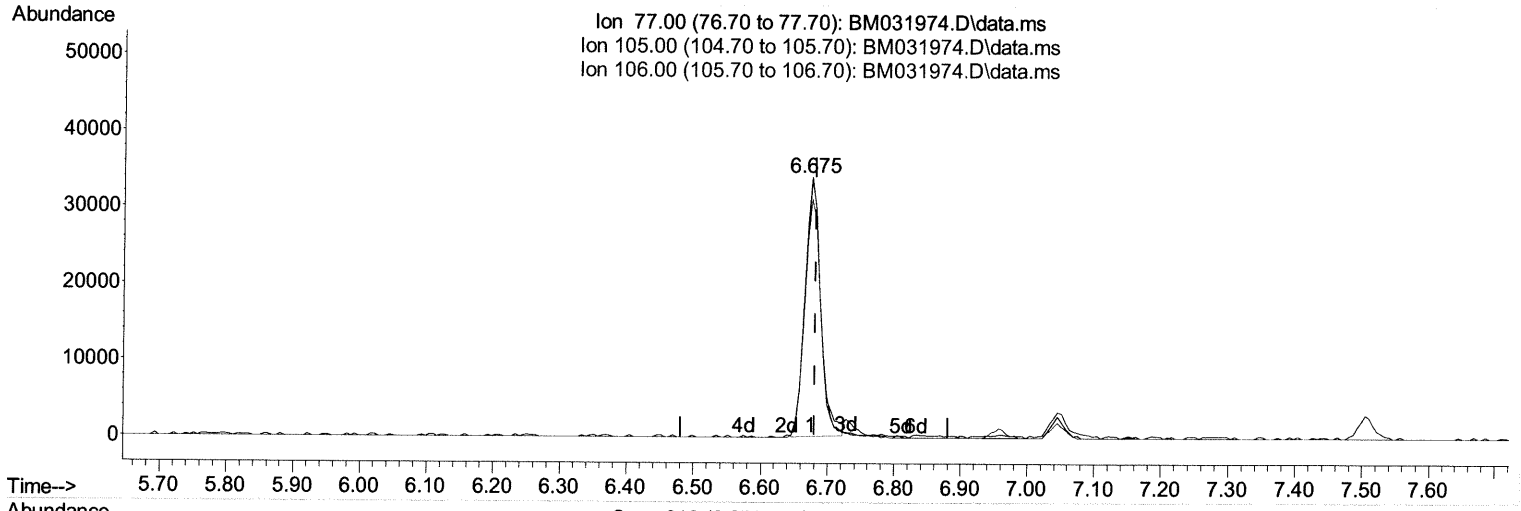

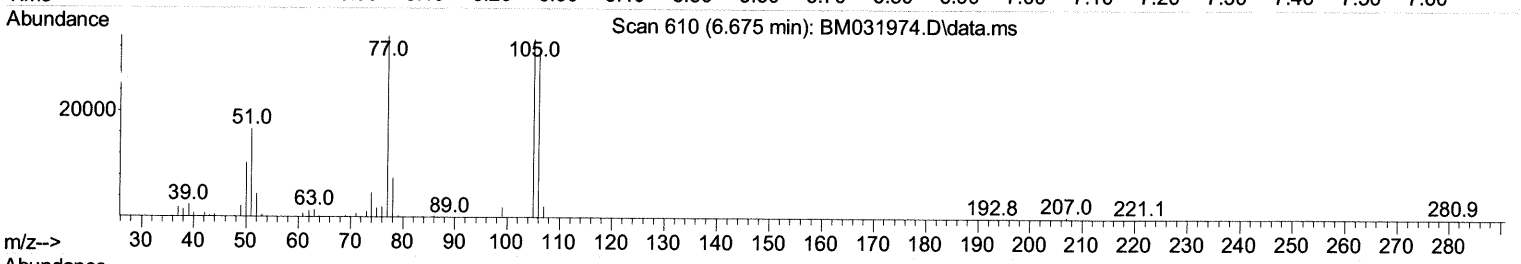

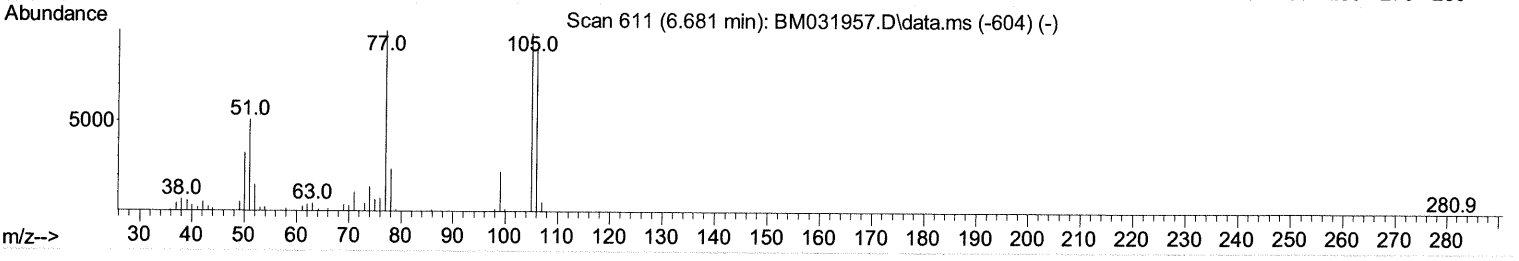

TIC: BM031974.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 12.42 ng/ul

response 55931

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	98.83
106.00	93.70	91.67
0.00	0.00	0.00

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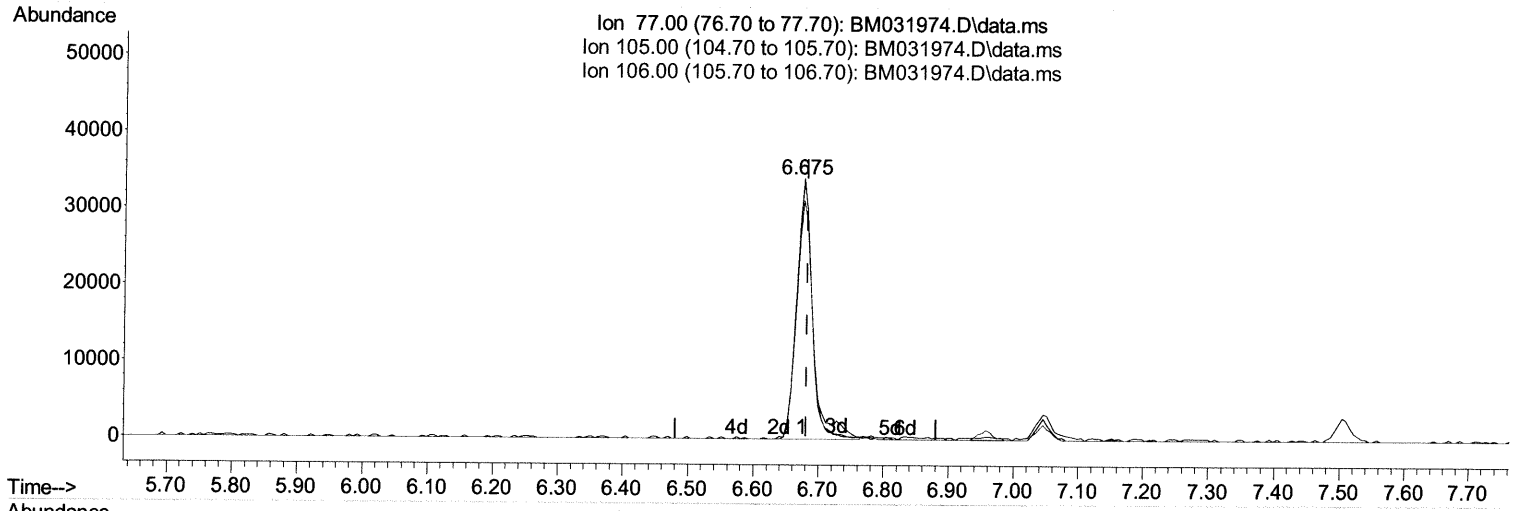

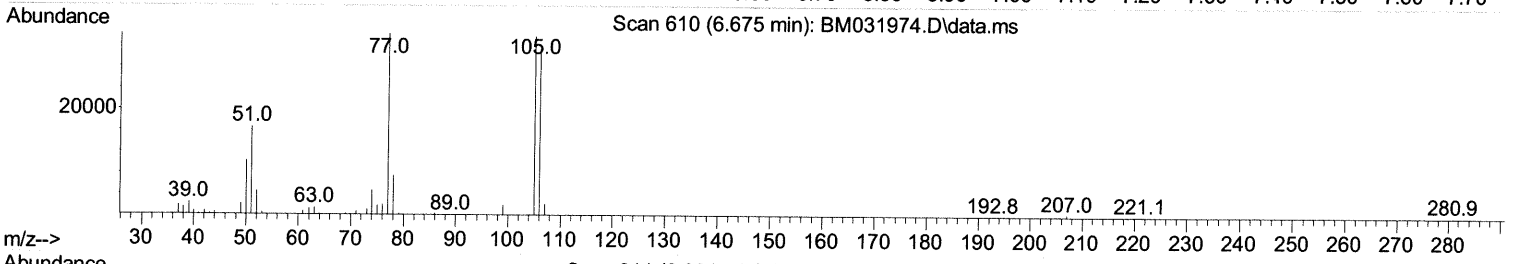

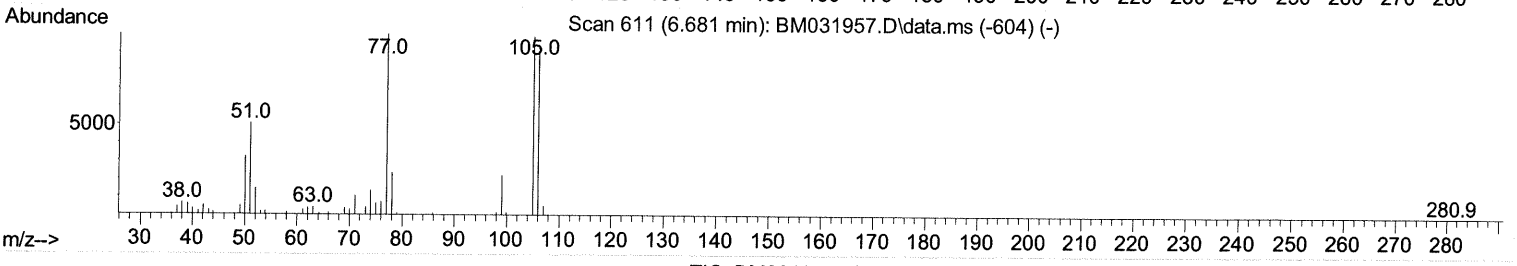

TIC: BM031974.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 13.20 ng/ul m 09/01/21JU

response 59405

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	98.83
106.00	93.70	91.67
0.00	0.00	0.00

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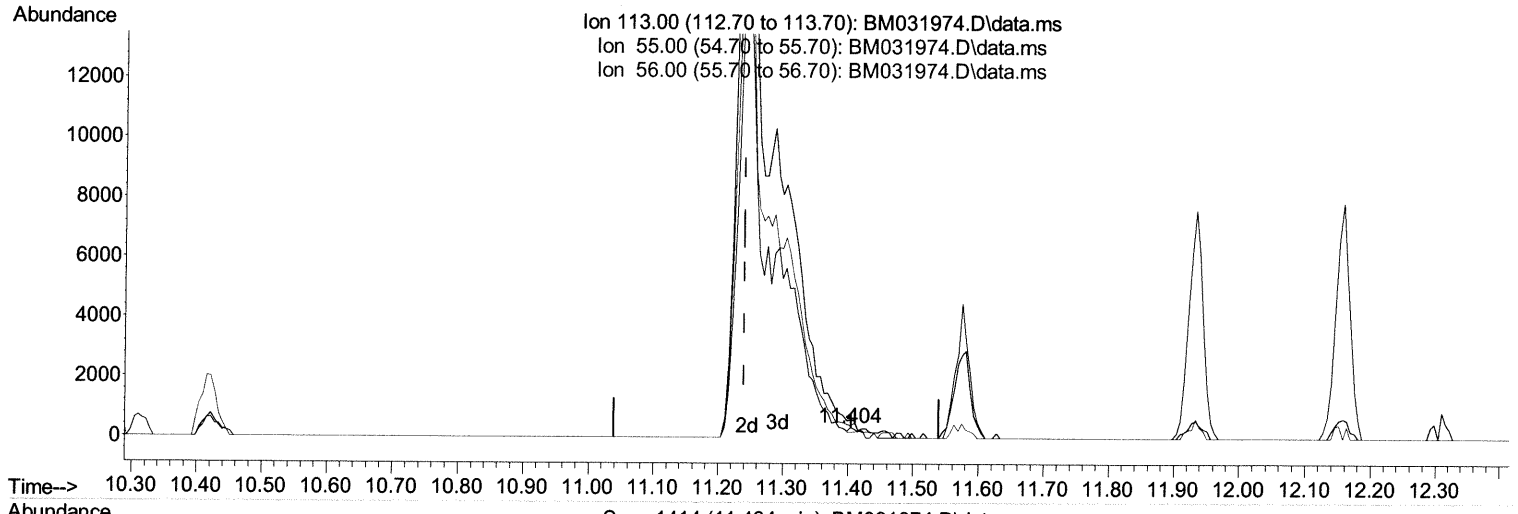

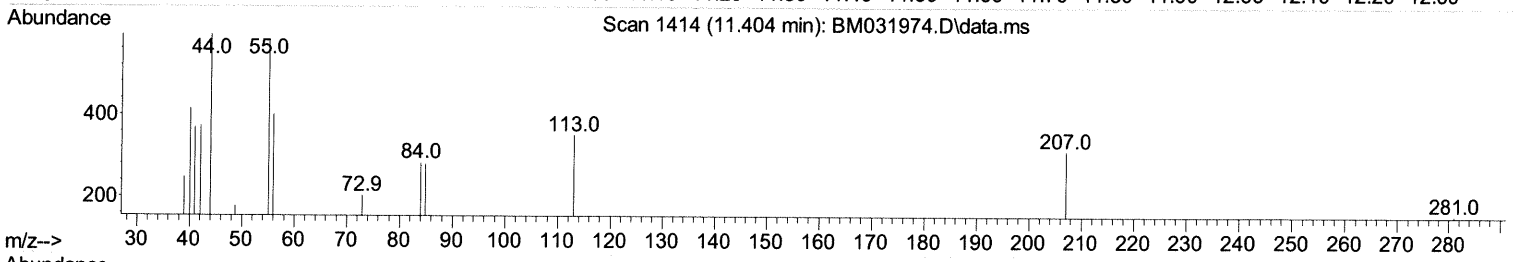

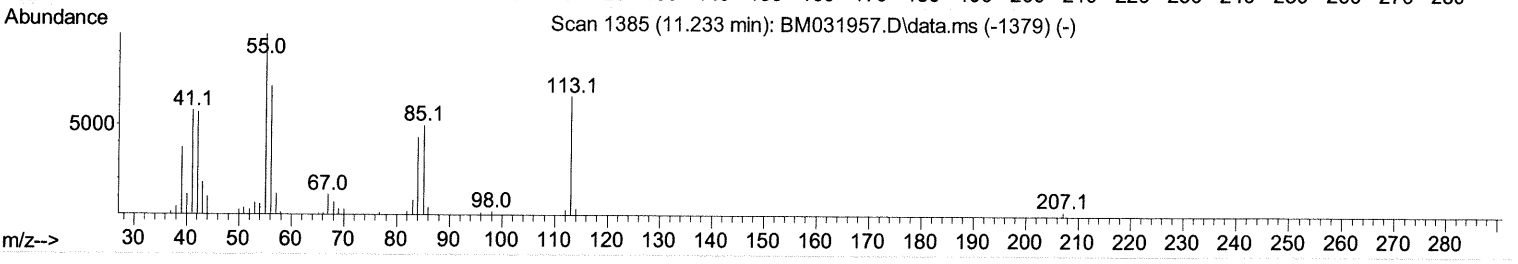

TIC: BM031974.D\data.ms

(34) Caprolactam

11.404min (+ 0.165) 0.03 ng/ul

response 96

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	166.00
56.00	127.40	114.29
0.00	0.00	0.00

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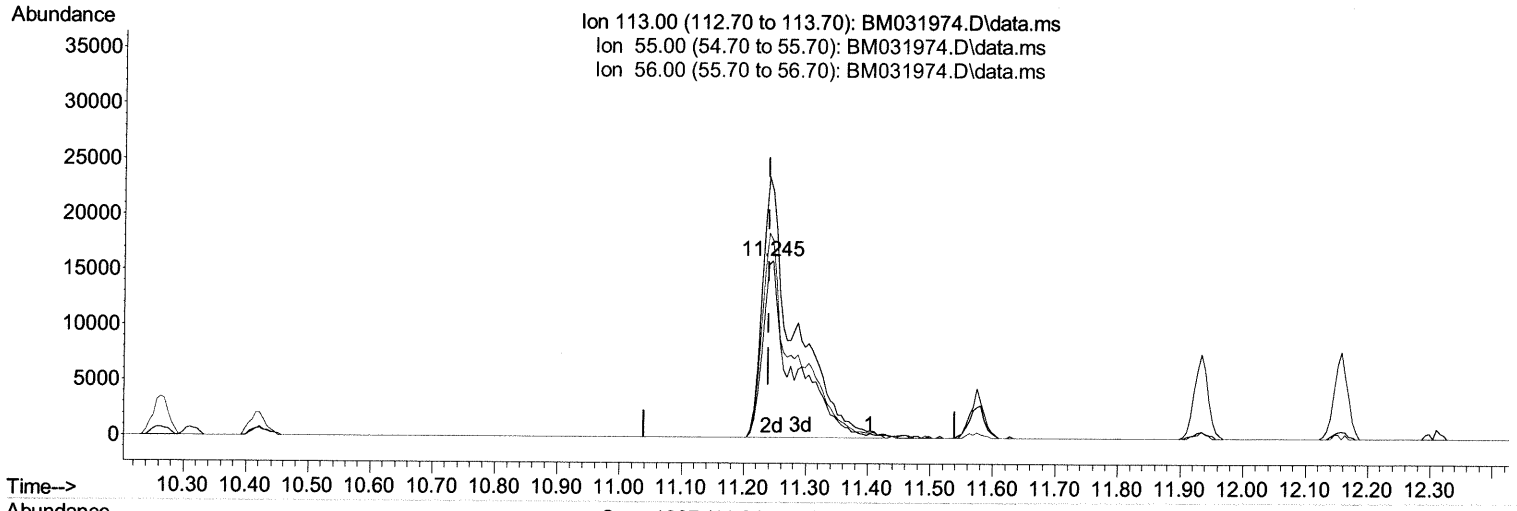

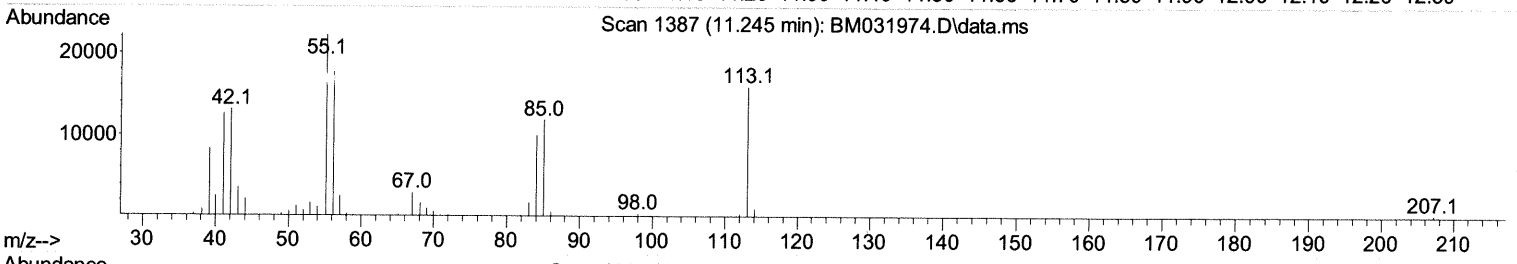

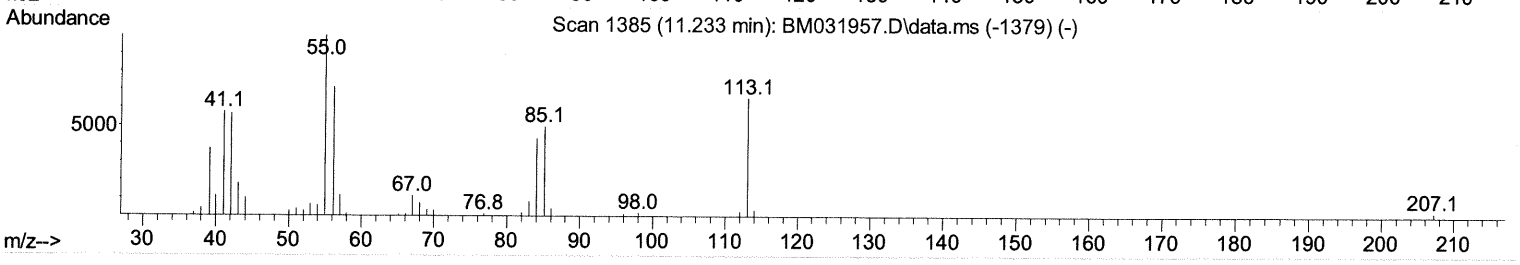

TIC: BM031974.D\data.ms

(34) Caprolactam

11.245min (+ 0.006) 19.84 ng/ul m 09/01/21 JU

response 55096

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	139.25#
56.00	127.40	111.20
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	7.504	152	119918	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	507816	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.145	164	362803	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	776639	20.000	ng/ul	0.00
79) Chrysene-d12	21.109	240	808073	20.000	ng/ul	# 0.00
88) Perylene-d12	23.244	264	716375	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	19723	7.589	ng/uL	0.00
4) Pyridine-d5	3.522	84	143079	19.386	ng/ul	0.00
7) Phenol-d5	6.704	99	211124	21.231	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	117091	20.351	ng/ul	0.00
11) 2-Chlorophenol-d4	7.045	132	175865	22.983	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	176443	20.681	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	84908	23.020	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	101334	23.215	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	204450	23.345	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	258799	20.949	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	583204	21.244	ng/ul	0.00
49) Acenaphthylene-d8	13.833	160	728522	22.408	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	99244	19.972	ng/ul	0.00
60) Fluorene-d10	15.151	176	515503	21.362	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	101393	19.000	ng/ul	0.00
73) Anthracene-d10	17.004	188	810252	21.980	ng/ul	0.00
81) Pyrene-d10	19.309	212	890454	23.526	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	831005	22.072	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	21265	6.787	ng/uL	87
5) Pyridine	3.540	79	147908	19.493	ng/ul	90
6) Benzaldehyde	6.675	77	59405m	13.196	ng/ul	> 09/01/21 JU
8) Phenol	6.728	94	210877	21.074	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.957	93	154291	20.245	ng/ul	92
12) 2-Chlorophenol	7.075	128	174590	22.848	ng/ul	95
13) 2-Methylphenol	7.957	108	159684	20.697	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.039	45	199614	20.154	ng/ul#	91
16) Acetophenone	8.328	105	263368	19.710	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.322	70	133832	20.530	ng/ul	92
18) 4-Methylphenol	8.287	108	177786	20.751	ng/ul	98
19) Hexachloroethane	8.557	117	70754	21.615	ng/ul	86
22) Nitrobenzene	8.698	77	199403	21.414	ng/ul	99
23) Isophorone	9.222	82	360893	21.058	ng/ul#	97
25) 2-Nitrophenol	9.398	139	104876	23.064	ng/ul#	93
26) 2,4-Dimethylphenol	9.469	107	208605	22.537	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.704	93	221326	21.786	ng/ul	99
29) 2,4-Dichlorophenol	9.922	162	191412	22.978	ng/ul	96
30) Naphthalene	10.310	128	552940	21.750	ng/ul	99
32) 4-Chloroaniline	10.445	127	256383	20.805	ng/ul	100
33) Hexachlorobutadiene	10.586	225	121448	21.976	ng/ul	99
34) Caprolactam	11.245	113	55096m	19.842	ng/ul	> 09/01/21 JU
35) 4-Chloro-3-methylphenol	11.575	107	192246	22.007	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.933	142	427401	21.323	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	434504	21.283	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.310	216	241086	23.149	ng/ul	98
40) Hexachlorocyclopentadiene	12.280	237	114040	20.344	ng/ul	98
41) 2,4,6-Trichlorophenol	12.563	196	164095	23.520	ng/ul	97
42) 2,4,5-Trichlorophenol	12.639	196	178654	23.580	ng/ul	98
43) 1,1'-Biphenyl	12.969	154	571702	22.402	ng/ul#	96
44) 2-Chloronaphthalene	13.010	162	454258	22.468	ng/ul	98
45) 2-Nitroaniline	13.239	65	125867	22.597	ng/ul	100
47) Dimethylphthalate	13.621	163	568642	21.095	ng/ul	100
48) 2,6-Dinitrotoluene	13.745	165	119576	22.486	ng/ul	98
50) Acenaphthylene	13.863	152	663194	22.169	ng/ul	99
51) 3-Nitroaniline	14.080	138	91753	18.437	ng/ul	96
52) Acenaphthene	14.210	153	471482	21.701	ng/ul	98
53) 2,4-Dinitrophenol	14.298	184	64992	17.479	ng/ul	93
55) 4-Nitrophenol	14.404	109	91584	19.964	ng/ul	85
56) Dibenzofuran	14.551	168	686044	21.411	ng/ul	100
57) 2,4-Dinitrotoluene	14.545	165	175087	21.952	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	14.786	232	150637	22.147	ng/ul	99
59) Diethylphthalate	14.998	149	583001	21.161	ng/ul	98
61) Fluorene	15.204	166	585460	21.595	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.210	204	296662	21.366	ng/ul	98
63) 4-Nitroaniline	15.251	138	82422	18.489	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.310	198	97392	18.769	ng/ul	97
67) N-Nitrosodiphenylamine	15.427	169	497989	22.328	ng/ul	99
68) 4-Bromophenyl-phenylether	16.104	248	179069	22.500	ng/ul	98
69) Hexachlorobenzene	16.204	284	205463	22.235	ng/ul	99
70) Atrazine	16.398	200	182514	21.719	ng/ul	98
71) Pentachlorophenol	16.557	266	125186	20.717	ng/ul	99
72) Phenanthrene	16.945	178	918043	21.643	ng/ul	99
74) Anthracene	17.039	178	951542	21.919	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.927	216	239660	23.713	ng/uL	99
76) Pentachlorobenzene	14.468	250	241865	22.812	ng/uL	99
77) Carbazole	17.321	167	841815	21.188	ng/ul	99
78) Di-n-butylphthalate	17.892	149	1031605	22.659	ng/ul	99
80) Fluoranthene	18.974	202	1101951	23.960	ng/ul#	94
82) Pyrene	19.339	202	1145221	23.519	ng/ul#	94
83) Butylbenzylphthalate	20.262	149	485675	25.402	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.039	252	297838	16.372	ng/ul	97
85) Benzo(a)anthracene	21.097	228	1122248	22.327	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.039	149	771370	25.016	ng/ul	97
87) Chrysene	21.144	228	1063508	21.997	ng/ul	99
89) Di-n-octyl phthalate	21.897	149	1322498	27.060	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	1048806	22.979	ng/ul	99
91) Benzo(k)fluoranthene	22.656	252	1039129	23.517	ng/ul	99
93) Benzo(a)pyrene	23.156	252	899543	21.825	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.356	276	989927	18.766	ng/ul	95
95) Dibenzo(a,h)anthracene	25.362	278	838288	18.896	ng/ul#	96
96) Benzo(g,h,i)perylene	25.997	276	791182	18.113	ng/ul	96

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