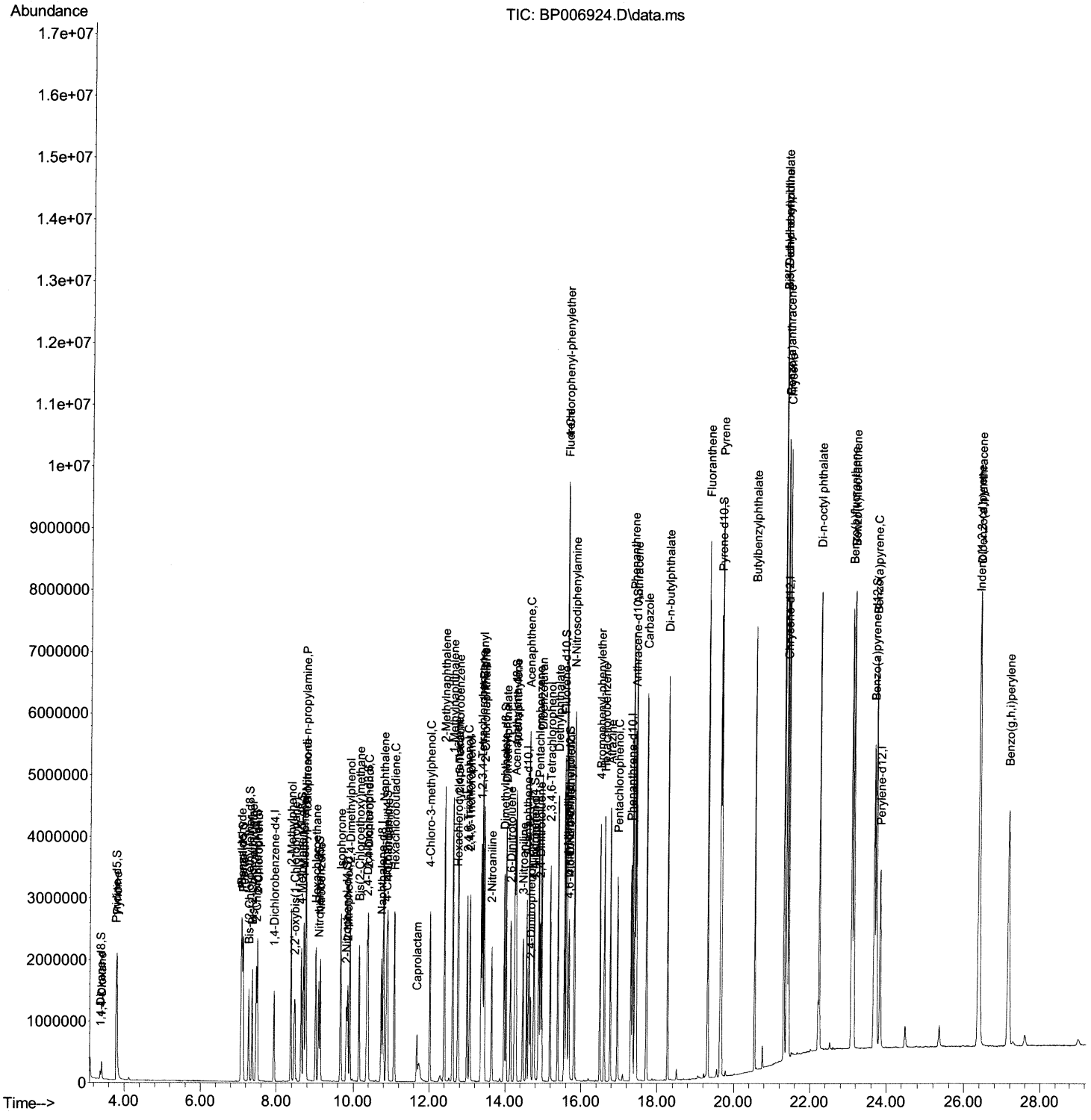
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006924.D
Acq On : 10 Sep 2021 05:29
Operator : CG/JU
Sample : PB138845BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 10 06:42:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS845

Manual Integrations APPROVED
mohammad
9/10/2021 3:26:18 PM



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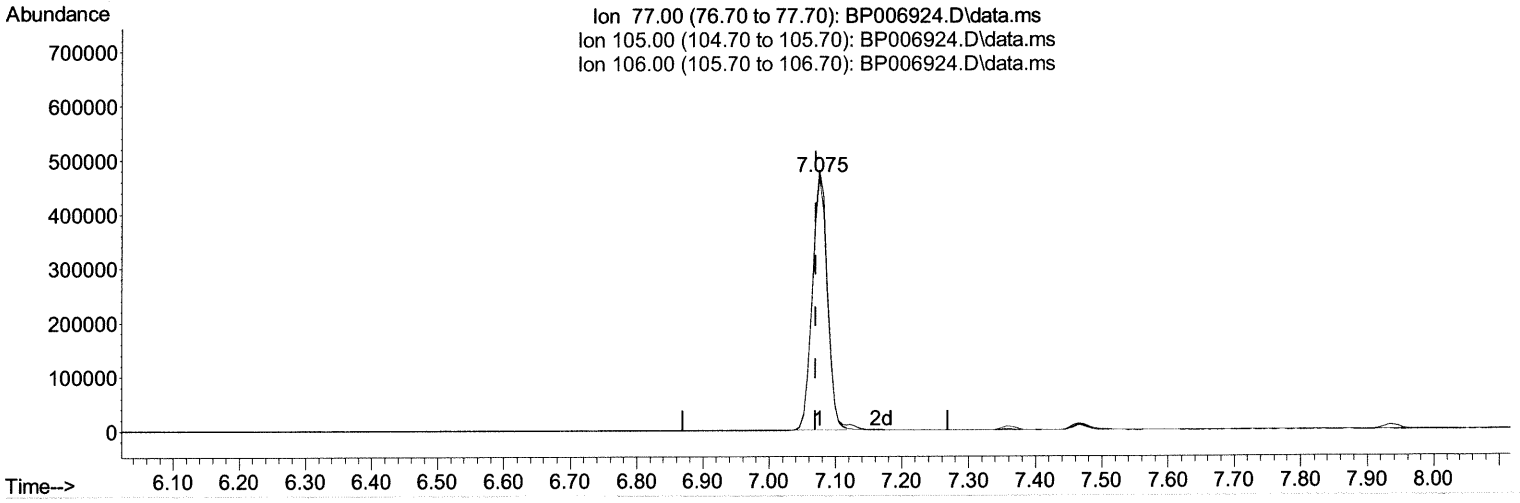

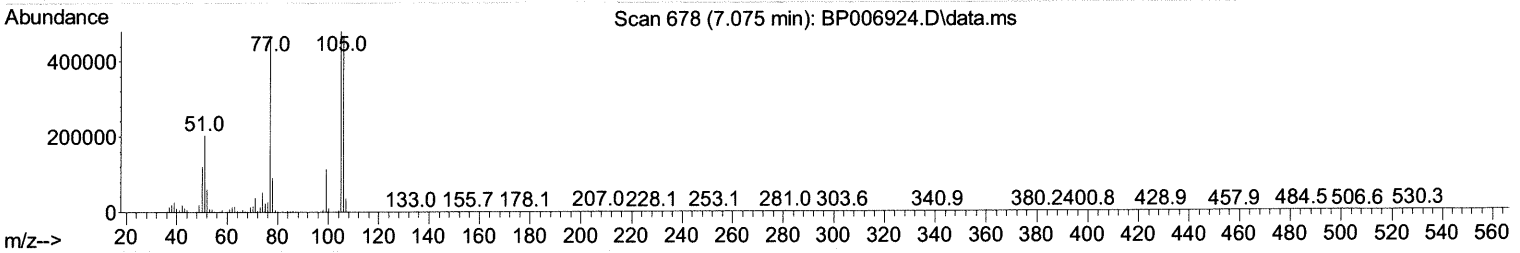

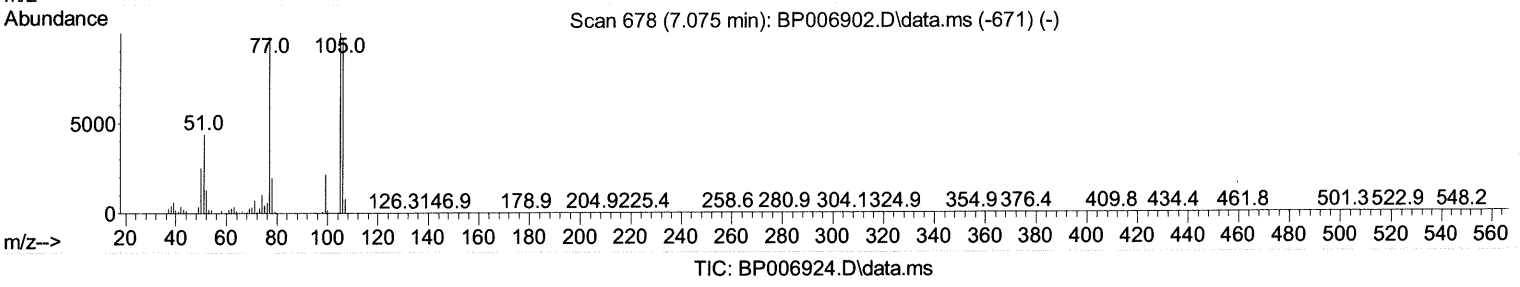

TIC: BP006924.D\data.ms

(6) Benzaldehyde

7.075min (+ 0.006) 38.32 ng/ul

response 743093

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	102.42
106.00	87.90	99.49
0.00	0.00	0.00

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mohammad
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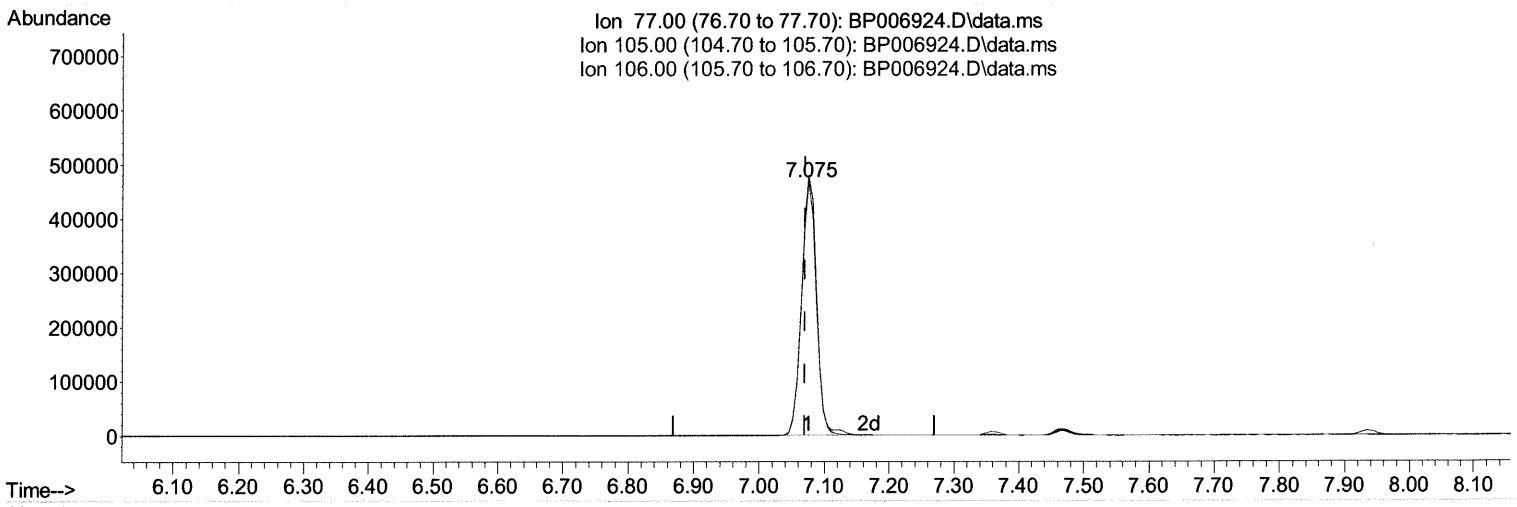

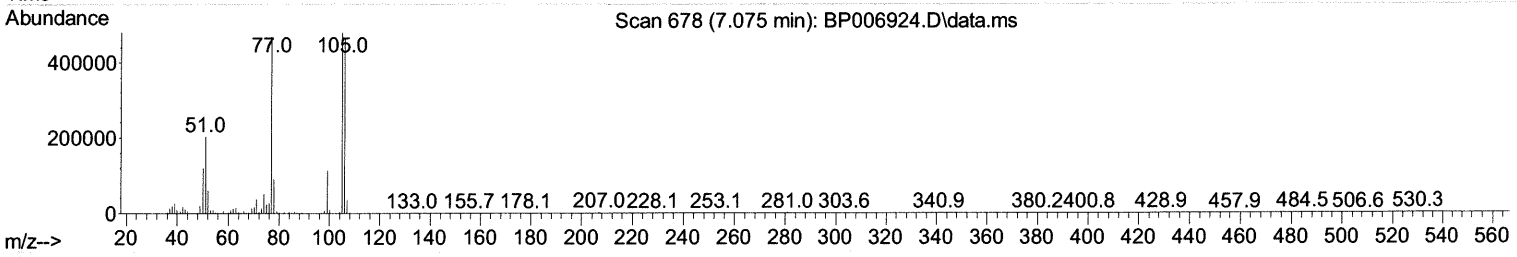

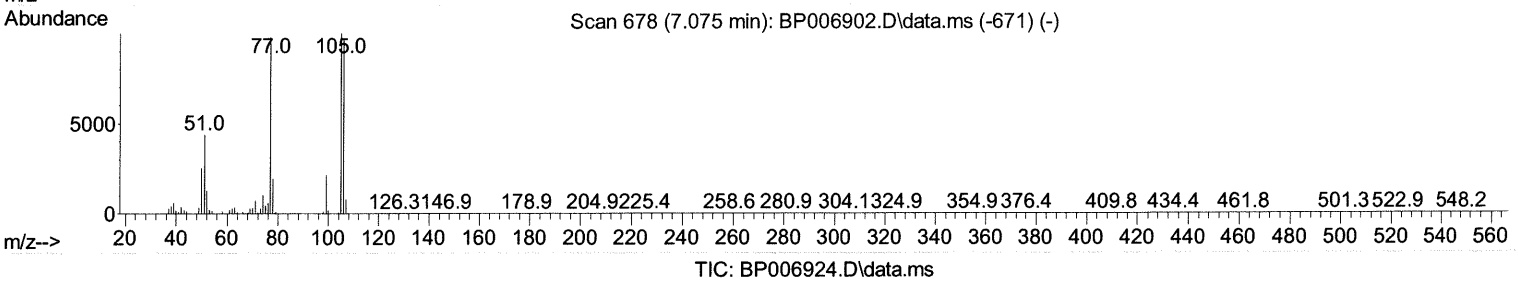

TIC: BP006924.D\data.ms

(6) Benzaldehyde

7.075min (+ 0.006) 38.94 ng/ul m 09/13/21 JU

response 755160

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	102.42
106.00	87.90	99.49
0.00	0.00	0.00

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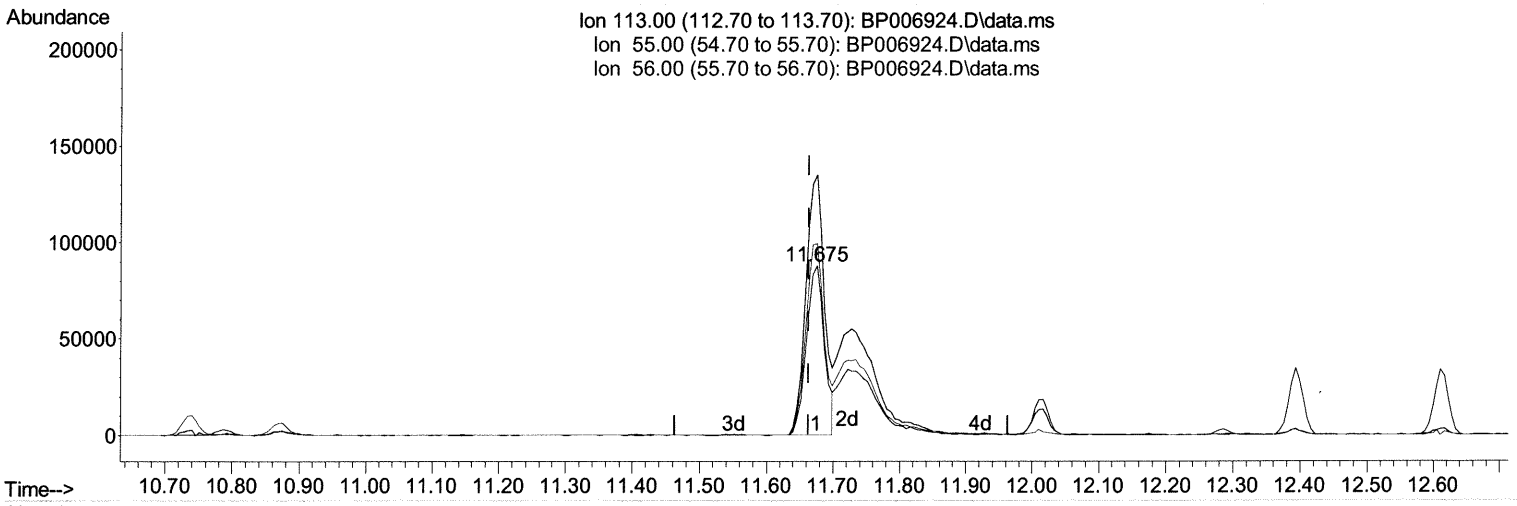

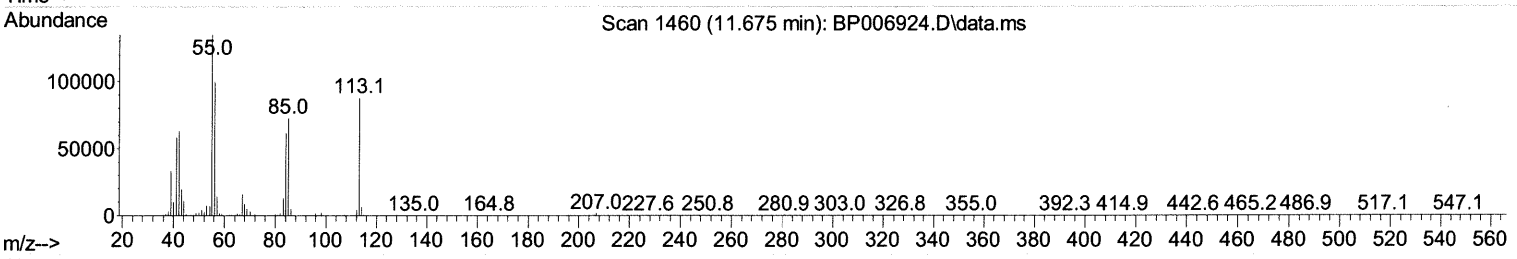

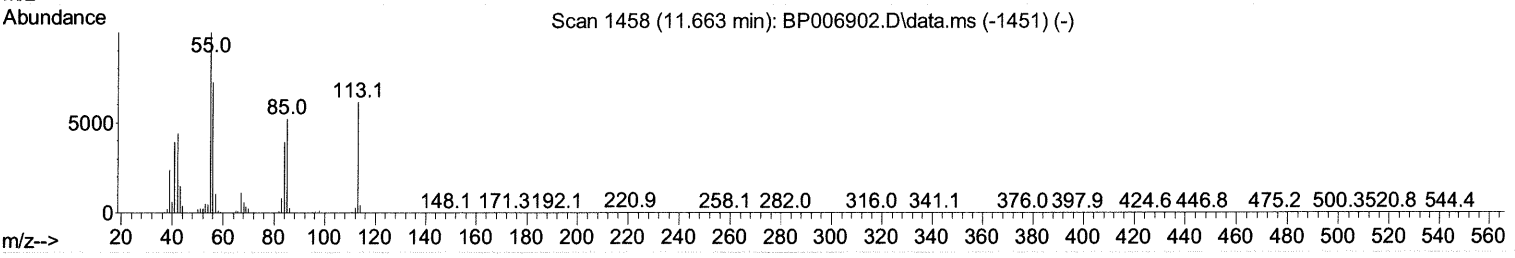

TIC: BP006924.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 23.63 ng/ul

response 164682

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	153.59
56.00	122.70	113.31
0.00	0.00	0.00

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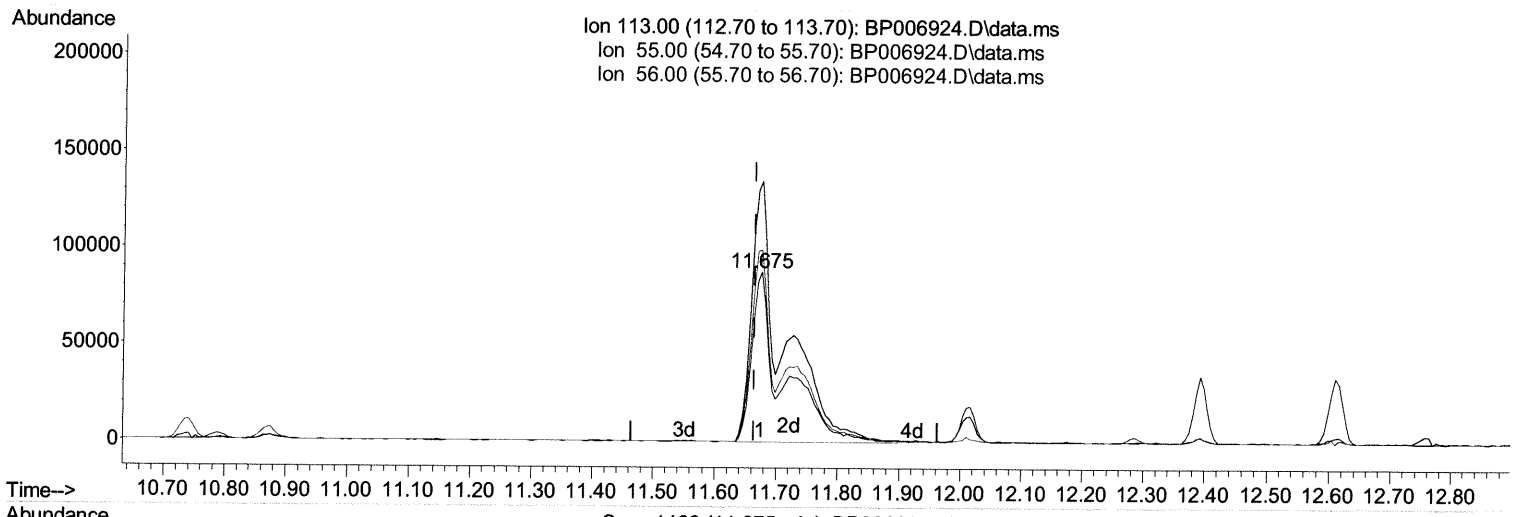

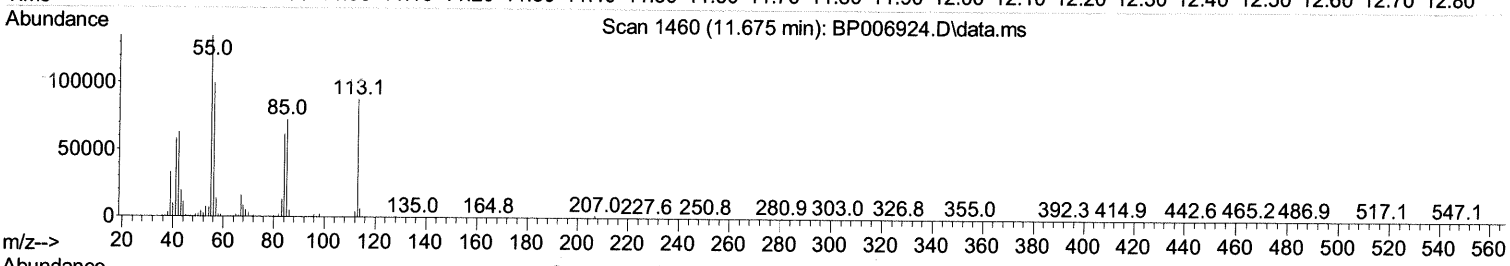

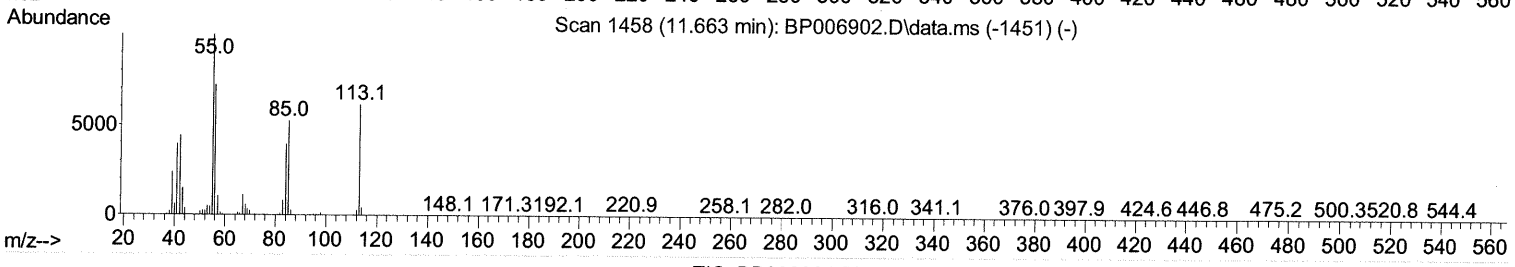

TIC: BP006924.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 44.10 ng/ul m 09/13/2021

response 307365

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	153.59
56.00	122.70	113.31
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	414035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1679326	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	1029745	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	2096080	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	2080653	20.000	ng/ul	0.00
88) Perylene-d12	23.827	264	2101940	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	68369	6.571	ng/uL	0.00
4) Pyridine-d5	3.787	84	917564	33.843	ng/ul	0.00
7) Phenol-d5	7.093	99	1137544	37.382	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	638493	36.534	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	910780	37.074	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	869827	36.399	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	421218	41.410	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	427900	42.729	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	879404	37.242	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	1160211	35.530	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	2423545	36.338	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	3073728	36.389	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	466237	40.239	ng/ul	0.00
60) Fluorene-d10	15.551	176	2097030	35.626	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	389839	42.042	ng/ul	0.00
73) Anthracene-d10	17.410	188	3221769	37.127	ng/ul	0.00
81) Pyrene-d10	19.639	212	3759746	38.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	3736140	36.844	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	158183	13.663	ng/uL	91
5) Pyridine	3.805	79	1033253	37.991	ng/ul	87
6) Benzaldehyde	7.075	77	755160m	38.944	ng/ul	09/13/21 JU
8) Phenol	7.122	94	1326006	42.154	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.357	93	1031618	40.963	ng/ul	98
12) 2-Chlorophenol	7.499	128	1052109	41.745	ng/ul	94
13) 2-Methylphenol	8.375	108	988294	41.371	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1225711	42.137	ng/ul	97
16) Acetophenone	8.763	105	1510549	41.218	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.752	70	712729	41.741	ng/ul#	97
18) 4-Methylphenol	8.704	108	1061786	41.442	ng/ul	99
19) Hexachloroethane	9.022	117	414924	40.428	ng/ul#	78
22) Nitrobenzene	9.140	77	1082616	43.983	ng/ul#	88
23) Isophorone	9.669	82	2010594	41.128	ng/ul#	94
25) 2-Nitrophenol	9.851	139	542754	48.490	ng/ul#	82
26) 2,4-Dimethylphenol	9.910	107	998151	36.808	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.151	93	1315537	40.652	ng/ul	98
29) 2,4-Dichlorophenol	10.381	162	979645	41.892	ng/ul#	94
30) Naphthalene	10.787	128	3191582	39.180	ng/ul	100
32) 4-Chloroaniline	10.899	127	1308381	39.339	ng/ul	99
33) Hexachlorobutadiene	11.081	225	603069	37.383	ng/ul	96
34) Caprolactam	11.675	113	307365m	44.096	ng/ul	09/13/21 JU
35) 4-Chloro-3-methylphenol	12.010	107	1000761	42.193	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	2267399	41.516	ng/ul	98
37) 1-Methylnaphthalene	12.610	142	2175358	39.046	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	1180217	40.026	ng/ul#	94
40) Hexachlorocyclopentadiene	12.740	237	626400	32.916	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	757628	44.392	ng/ul	98
42) 2,4,5-Trichlorophenol	13.063	196	831722	43.716	ng/ul	97
43) 1,1'-Biphenyl	13.398	154	2856884	39.846	ng/ul#	97
44) 2-Chloronaphthalene	13.440	162	2197500	39.754	ng/ul	93
45) 2-Nitroaniline	13.640	65	579377	51.569	ng/ul#	79
47) Dimethylphthalate	14.022	163	2751733	40.909	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	555519	49.451	ng/ul#	73
50) Acenaphthylene	14.281	152	3311837	37.788	ng/ul	99
51) 3-Nitroaniline	14.463	138	605251	47.001	ng/ul	83
52) Acenaphthene	14.628	153	2356352	40.603	ng/ul	98
53) 2,4-Dinitrophenol	14.669	184	301682	47.805	ng/ul#	69
55) 4-Nitrophenol	14.763	109	385719	45.289	ng/ul#	84
56) Dibenzofuran	14.957	168	3318956	39.632	ng/ul#	86
57) 2,4-Dinitrotoluene	14.922	165	795105	49.527	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.181	232	684588	44.655	ng/ul#	79
59) Diethylphthalate	15.387	149	2724906	41.606	ng/ul	95
61) Fluorene	15.610	166	2670851	40.014	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	1350740	39.696	ng/ul#	80
63) 4-Nitroaniline	15.628	138	632313	49.182	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.681	198	457355	48.445	ng/ul#	75
67) N-Nitrosodiphenylamine	15.816	169	2354009	42.641	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	817595	41.258	ng/ul#	83
69) Hexachlorobenzene	16.616	284	933698	40.633	ng/ul#	85
70) Atrazine	16.769	200	847905	40.558	ng/ul	95
71) Pentachlorophenol	16.957	266	586360	44.550	ng/ul	98
72) Phenanthrene	17.351	178	4283968	41.028	ng/ul	99
74) Anthracene	17.445	178	4316174	41.587	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	1176029	40.031	ng/uL	99
76) Pentachlorobenzene	14.881	250	1106124	38.896	ng/uL	99
77) Carbazole	17.710	167	3981915	43.169	ng/ul	98
78) Di-n-butylphthalate	18.263	149	4574659	43.759	ng/ul	98
80) Fluoranthene	19.316	202	5121720	42.261	ng/ul	94
82) Pyrene	19.669	202	5251026	42.241	ng/ul	94
83) Butylbenzylphthalate	20.539	149	2015432	46.561	ng/ul#	88
84) 3,3'-Dichlorobenzidine	21.304	252	1705570	39.505	ng/ul	99
85) Benzo(a)anthracene	21.374	228	5118869	42.255	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.304	149	2985457	46.265	ng/ul#	93
87) Chrysene	21.427	228	4925148	41.084	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	5196013	47.831	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	5277984	42.914	ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	5294075	45.985	ng/ul	98
93) Benzo(a)pyrene	23.721	252	4827603	40.796	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.380	276	6152196	44.816	ng/ul	97
95) Dibenzo(a,h)anthracene	26.398	278	5228792	44.024	ng/ul	97
96) Benzo(g,h,i)perylene	27.168	276	5091901	43.250	ng/ul	96

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