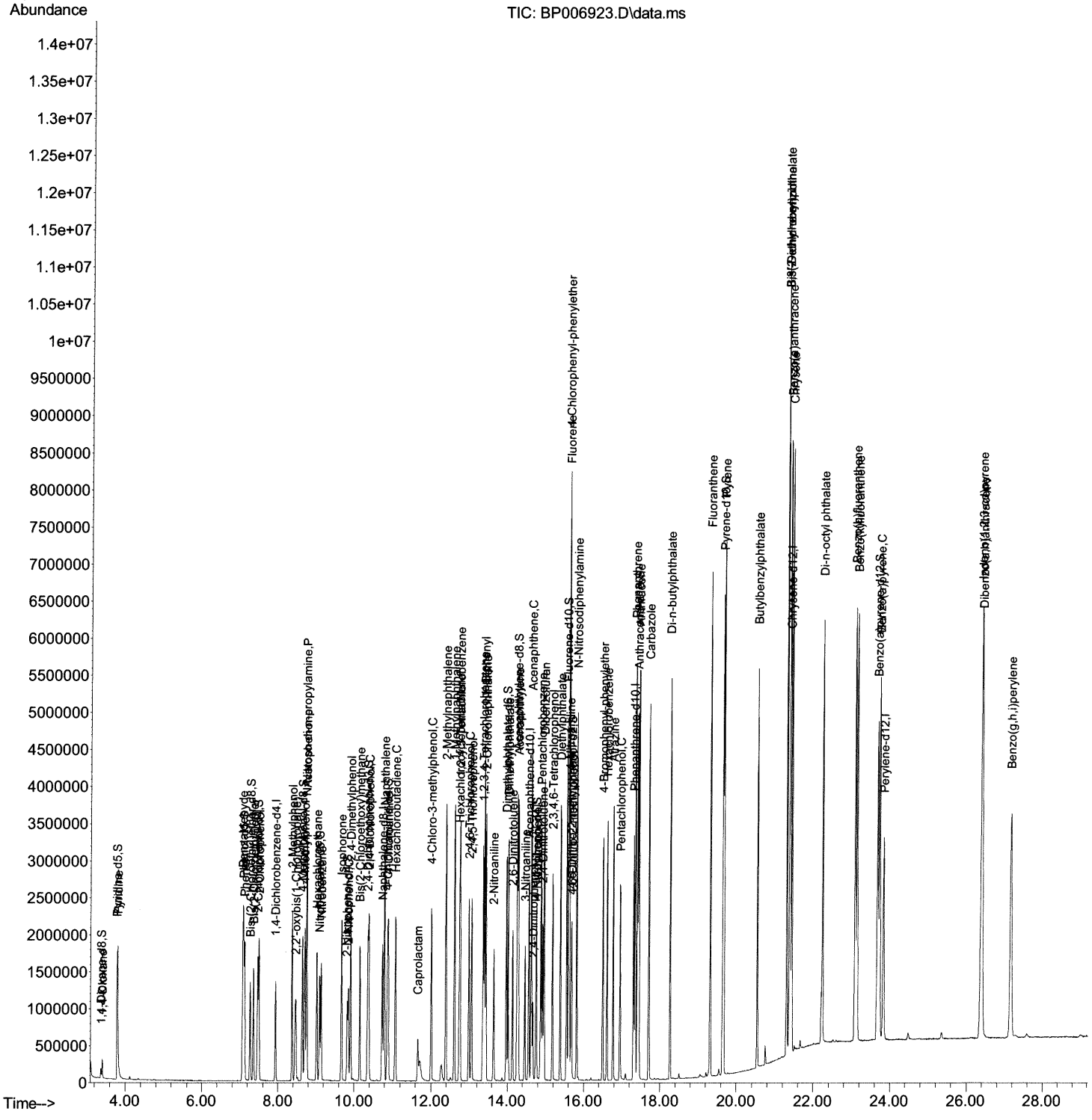
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006923.D
Acq On : 10 Sep 2021 04:55
Operator : CG/JU
Sample : PB138916BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 10 06:33:08 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 :
SLCS916

Manual Integrations APPROVED
mohammad
9/10/2021 3:26:15 PM



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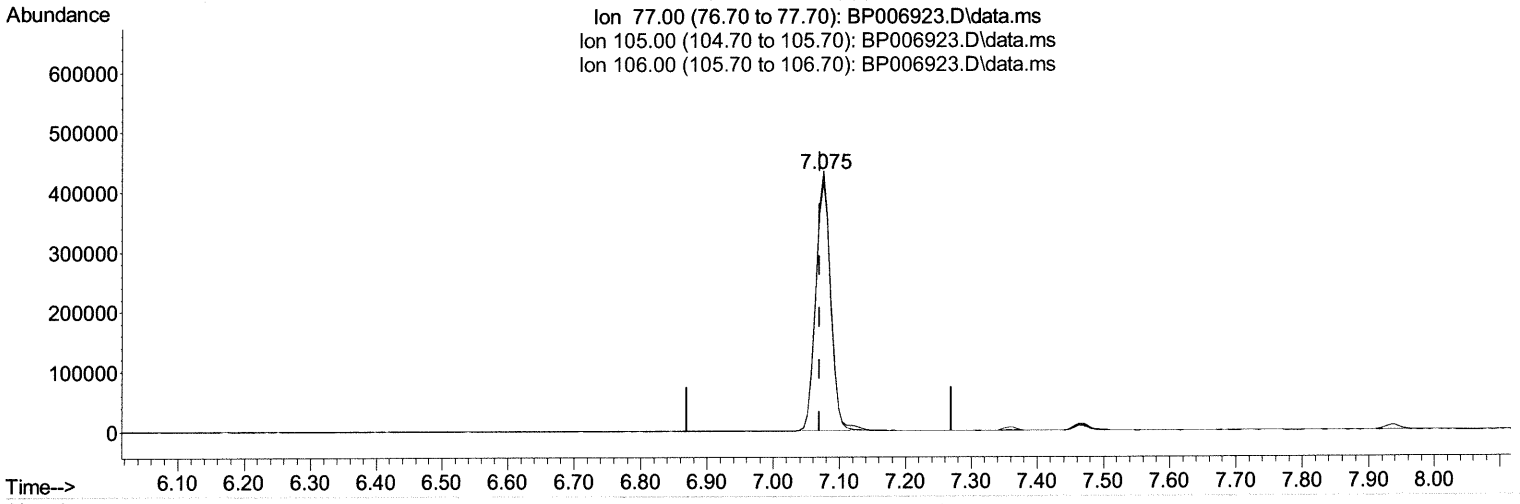

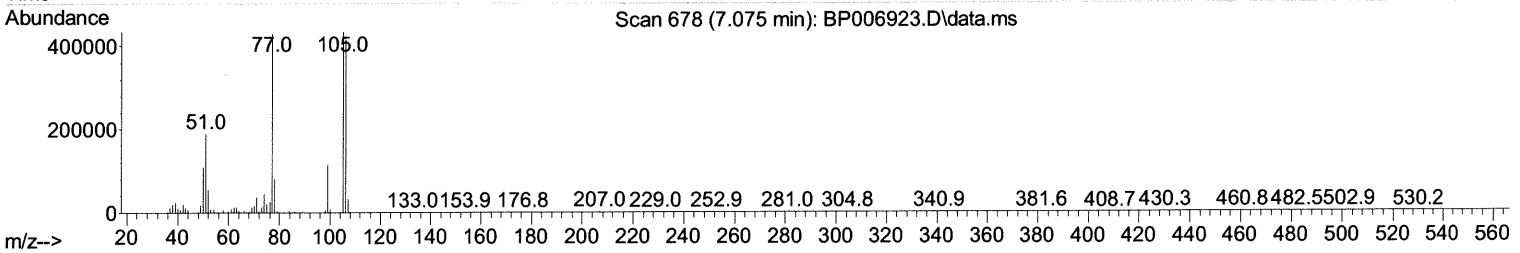

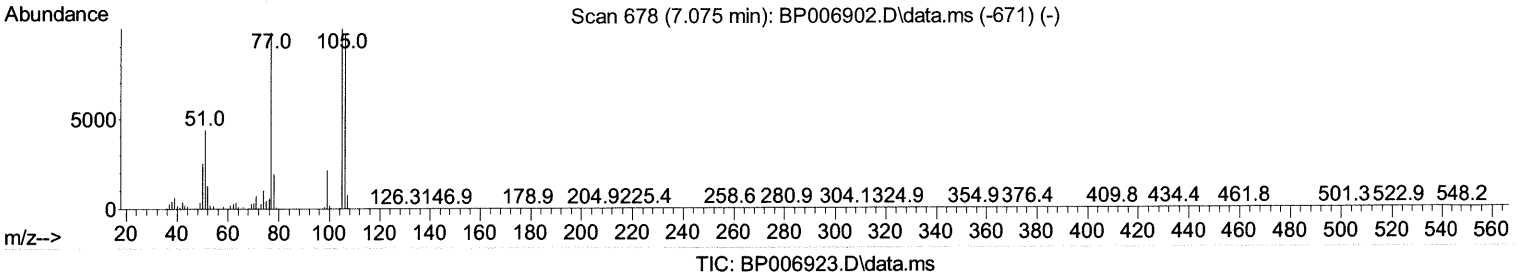

TIC: BP006923.D\data.ms

(6) Benzaldehyde

7.075min (+ 0.006) 37.11 ng/ul

response 665777

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	100.97
106.00	87.90	96.47
0.00	0.00	0.00

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mohammad
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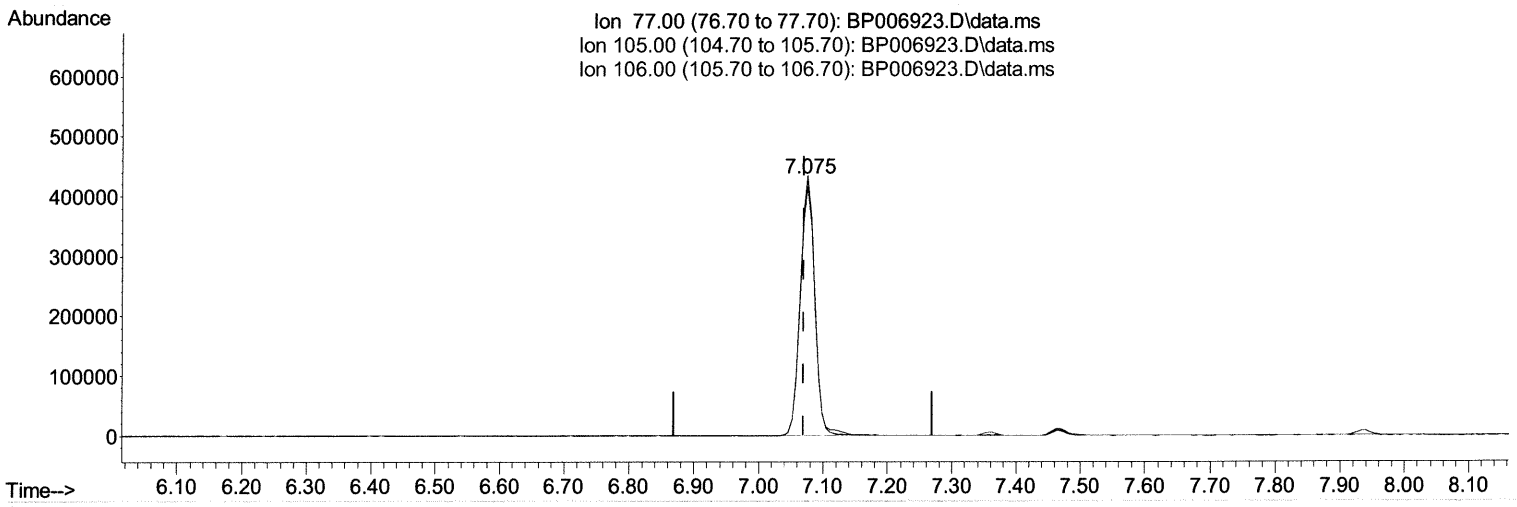

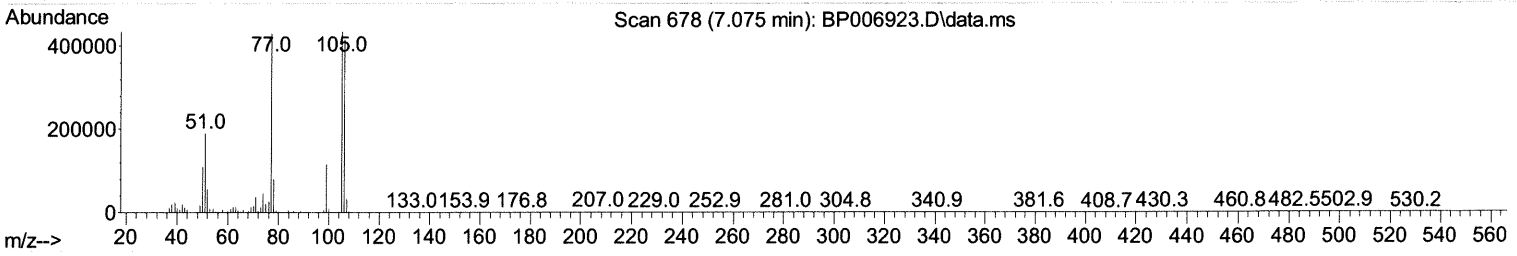

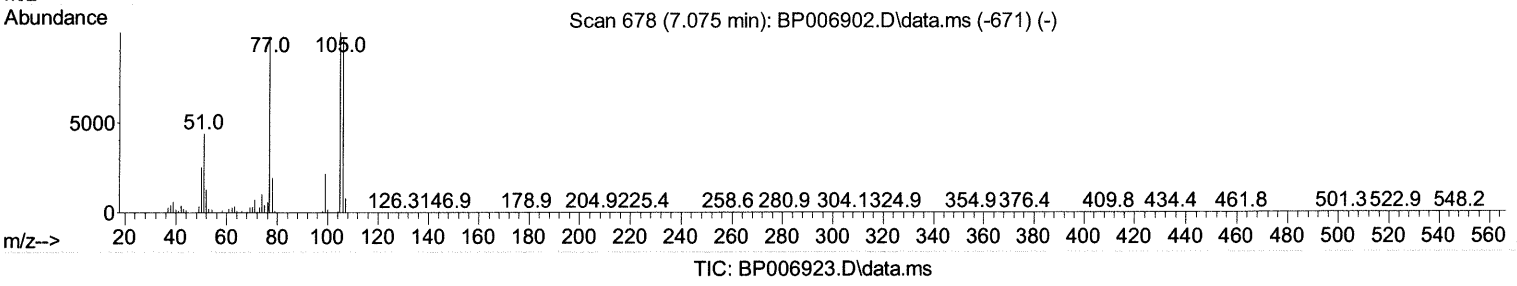

TIC: BP006923.D\data.ms

(6) Benzaldehyde

7.075min (+ 0.006) 37.67 ng/ul m 09/13/21 JU

response 675947

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	100.97
106.00	87.90	96.47
0.00	0.00	0.00

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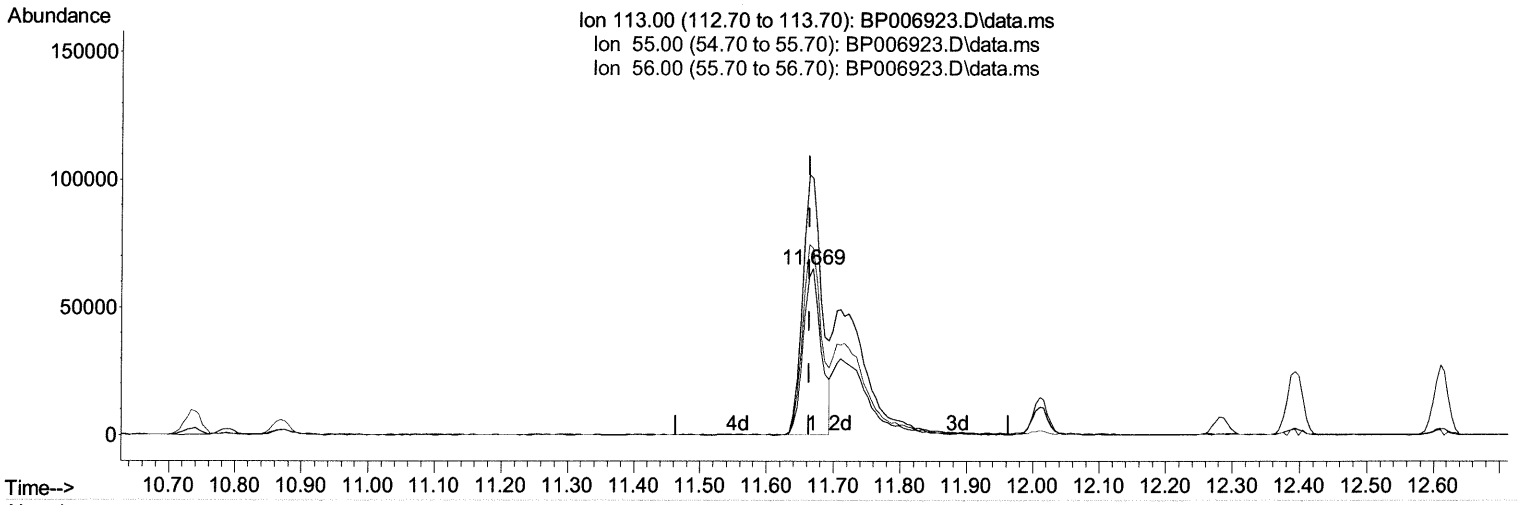

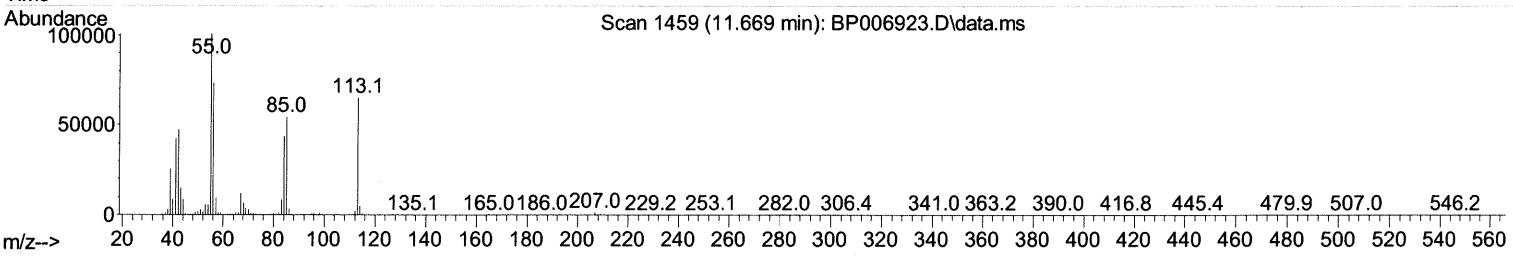

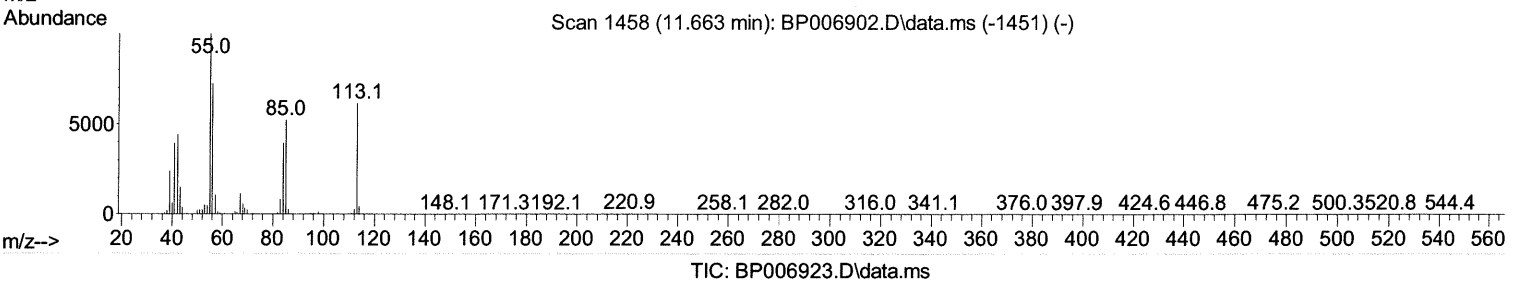

TIC: BP006923.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 18.71 ng/ul

response 121277

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	154.16
56.00	122.70	112.36
0.00	0.00	0.00

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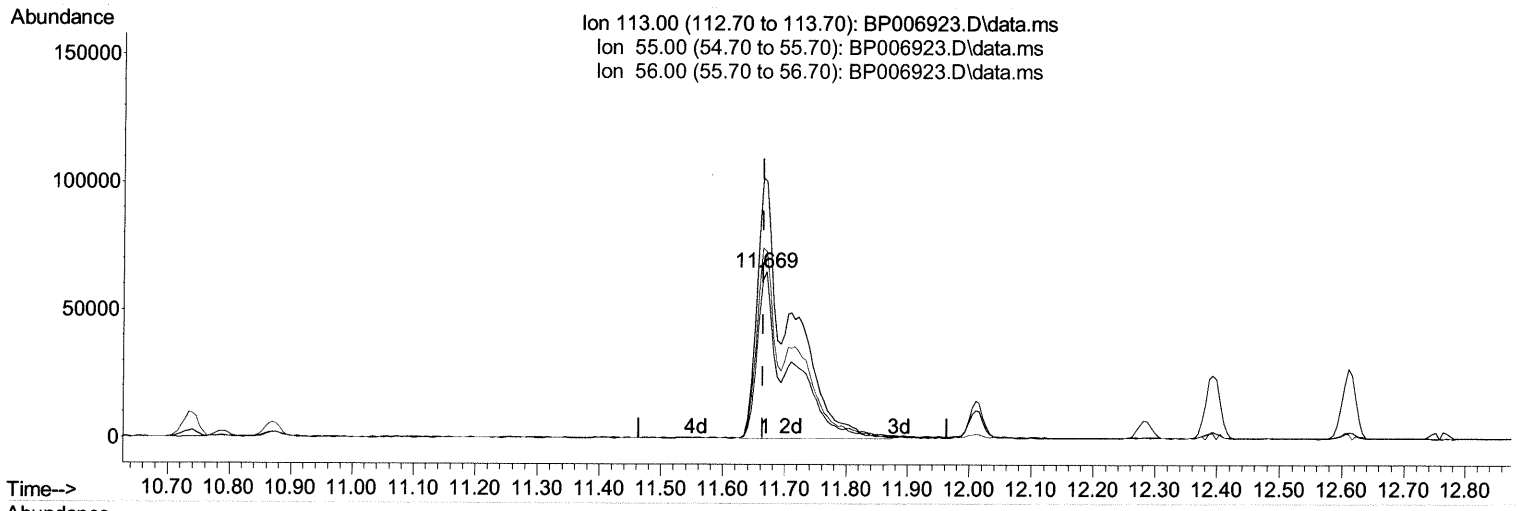

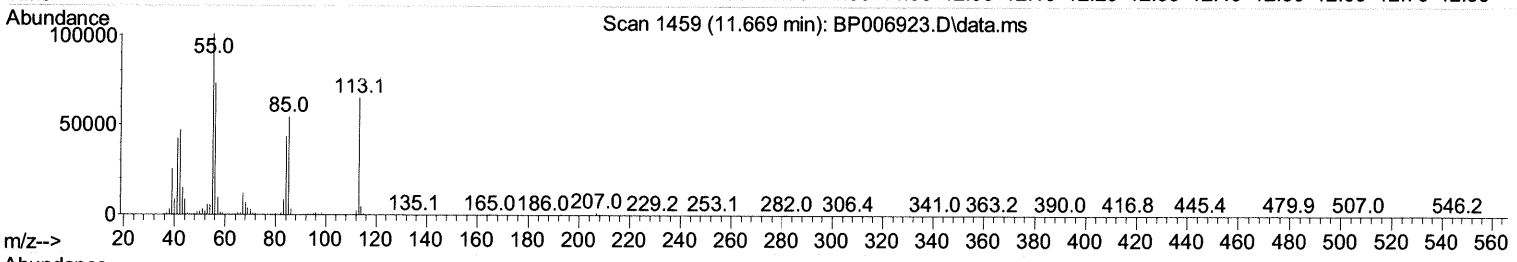

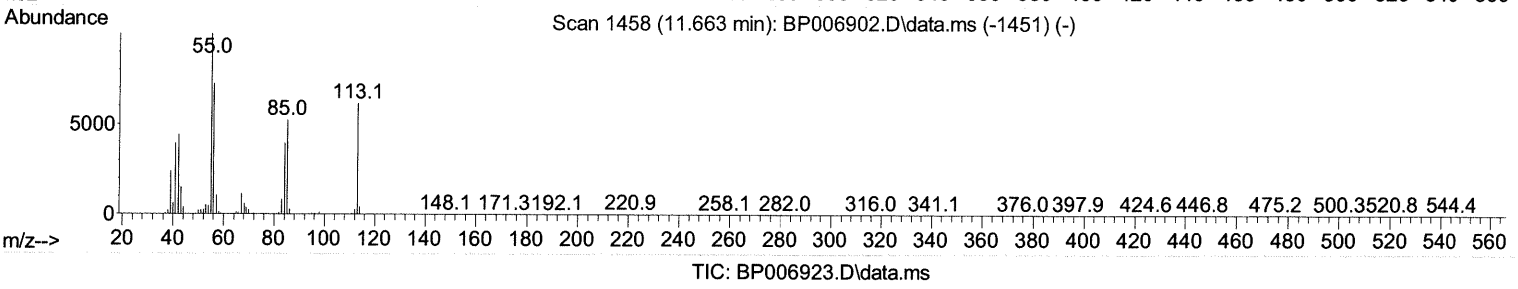

TIC: BP006923.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 35.64 ng/ul m 09/13/2021

response 231072

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	154.16
56.00	122.70	112.36
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	383095	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1561878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	960887	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1967768	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	1993298	20.000	ng/ul	# 0.00
88) Perylene-d12	23.827	264	2035235	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	62675	6.511	ng/uL	0.00
4) Pyridine-d5	3.781	84	838158	33.411	ng/ul	0.00
7) Phenol-d5	7.093	99	1014369	36.026	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	584908	36.170	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	801366	35.255	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	773638	34.989	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	363797	38.454	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	364084	39.090	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	762873	34.736	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	988341	32.542	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	2119701	34.060	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	2729534	34.630	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	398558	36.863	ng/ul	0.00
60) Fluorene-d10	15.551	176	1865237	33.959	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	324291	37.254	ng/ul	0.00
73) Anthracene-d10	17.410	188	2849335	34.976	ng/ul	0.00
81) Pyrene-d10	19.639	212	3314058	35.501	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	3306407	33.675	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	136057	12.701	ng/uL#	86
5) Pyridine	3.805	79	867159	34.459	ng/ul	88
6) Benzaldehyde	7.075	77	675947m	37.674	ng/ul	09/13/21 JU
8) Phenol	7.122	94	1074176	36.906	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.357	93	840131	36.054	ng/ul	99
12) 2-Chlorophenol	7.499	128	851857	36.529	ng/ul	94
13) 2-Methylphenol	8.375	108	794184	35.930	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	1028864	38.226	ng/ul	95
16) Acetophenone	8.757	105	1219678	35.969	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.751	70	579082	36.653	ng/ul#	97
18) 4-Methylphenol	8.704	108	852403	35.957	ng/ul	100
19) Hexachloroethane	9.016	117	337202	35.509	ng/ul	86
22) Nitrobenzene	9.140	77	879752	38.429	ng/ul#	89
23) Isophorone	9.669	82	1619639	35.622	ng/ul	95
25) 2-Nitrophenol	9.851	139	424568	40.783	ng/ul#	84
26) 2,4-Dimethylphenol	9.910	107	839145	33.271	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.146	93	1068810	35.511	ng/ul	98
29) 2,4-Dichlorophenol	10.381	162	778212	35.780	ng/ul	95
30) Naphthalene	10.787	128	2581927	34.079	ng/ul	100
32) 4-Chloroaniline	10.893	127	1015091	32.815	ng/ul	100
33) Hexachlorobutadiene	11.075	225	485016	32.326	ng/ul	98
34) Caprolactam	11.669	113	231072m	35.644	ng/ul	09/13/21 JU
35) 4-Chloro-3-methylphenol	12.010	107	795375	36.055	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.392	142	1828808	36.003	ng/ul	97
37) 1-Methylnaphthalene	12.610	142	1743910	33.656	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	936410	34.033	ng/ul#	94
40) Hexachlorocyclopentadiene	12.745	237	484890	27.306	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	594828	37.350	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	657209	37.019	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	2291416	34.250	ng/ul	98
44) 2-Chloronaphthalene	13.439	162	1772134	34.356	ng/ul	92
45) 2-Nitroaniline	13.639	65	452665	43.178	ng/ul#	81
47) Dimethylphthalate	14.022	163	2166735	34.521	ng/ul	100
48) 2,6-Dinitrotoluene	14.134	165	422553	40.310	ng/ul#	78
50) Acenaphthylene	14.281	152	2648831	32.389	ng/ul	100
51) 3-Nitroaniline	14.463	138	450090	37.456	ng/ul	84
52) Acenaphthene	14.628	153	1894699	34.988	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	222474	37.780	ng/ul#	74
55) 4-Nitrophenol	14.763	109	298817	37.600	ng/ul#	84
56) Dibenzofuran	14.957	168	2662359	34.069	ng/ul	88
57) 2,4-Dinitrotoluene	14.922	165	612401	40.880	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.181	232	525576	36.740	ng/ul#	79
59) Diethylphthalate	15.381	149	2140008	35.017	ng/ul	95
61) Fluorene	15.610	166	2143103	34.408	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	1070258	33.707	ng/ul#	80
63) 4-Nitroaniline	15.622	138	494248	41.198	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.681	198	342858	38.685	ng/ul#	76
67) N-Nitrosodiphenylamine	15.816	169	1855039	35.794	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	639355	34.367	ng/ul#	83
69) Hexachlorobenzene	16.610	284	729536	33.819	ng/ul#	89
70) Atrazine	16.769	200	659443	33.600	ng/ul	95
71) Pentachlorophenol	16.957	266	438030	35.450	ng/ul	98
72) Phenanthrene	17.351	178	3421911	34.909	ng/ul	99
74) Anthracene	17.445	178	3441503	35.322	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	964229	34.962	ng/uL	98
76) Pentachlorobenzene	14.881	250	871275	32.636	ng/uL	99
77) Carbazole	17.710	167	3152432	36.405	ng/ul	97
78) Di-n-butylphthalate	18.263	149	3615882	36.843	ng/ul#	98
80) Fluoranthene	19.316	202	4053328	34.911	ng/ul#	94
82) Pyrene	19.669	202	4184928	35.141	ng/ul	94
83) Butylbenzylphthalate	20.539	149	1545430	37.268	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.304	252	1351624	32.679	ng/ul	99
85) Benzo(a)anthracene	21.374	228	4107861	35.396	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	2374414	38.408	ng/ul#	94
87) Chrysene	21.427	228	3960306	34.484	ng/ul	100
89) Di-n-octyl phthalate	22.239	149	4122934	39.197	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	4240615	35.609	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	4258263	38.200	ng/ul	98
93) Benzo(a)pyrene	23.721	252	3883338	33.892	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.380	276	4887061	36.767	ng/ul	98
95) Dibenzo(a,h)anthracene	26.398	278	4132977	35.938	ng/ul	97
96) Benzo(g,h,i)perylene	27.162	276	4057081	35.590	ng/ul	96

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