Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006959.D
Acq On : 11 Sep 2021 02:00
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 59 Sample Multiplier: 1

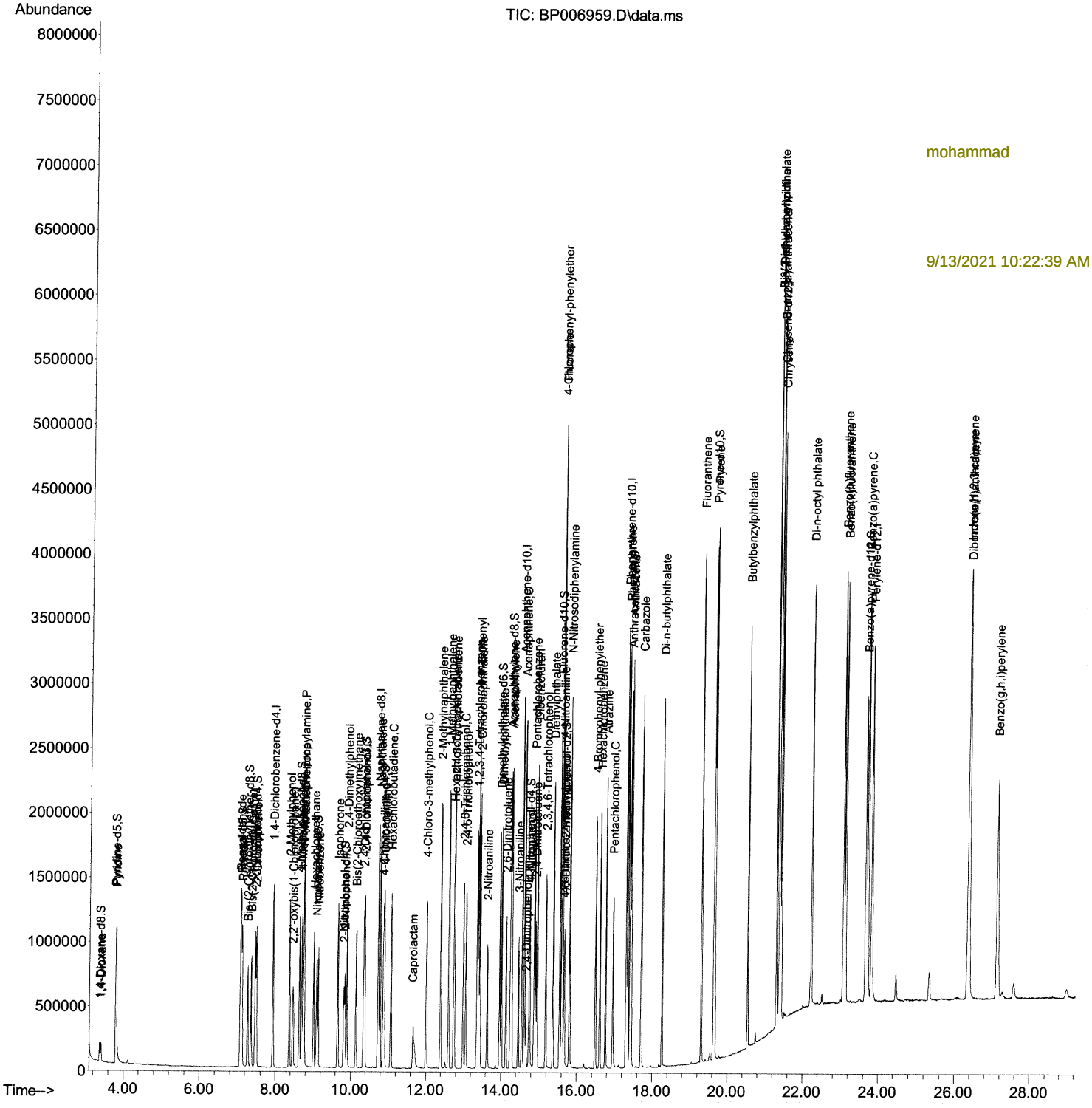
Quant Time: Sep 11 03:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED

mohammad

9/13/2021 10:22:39 AM



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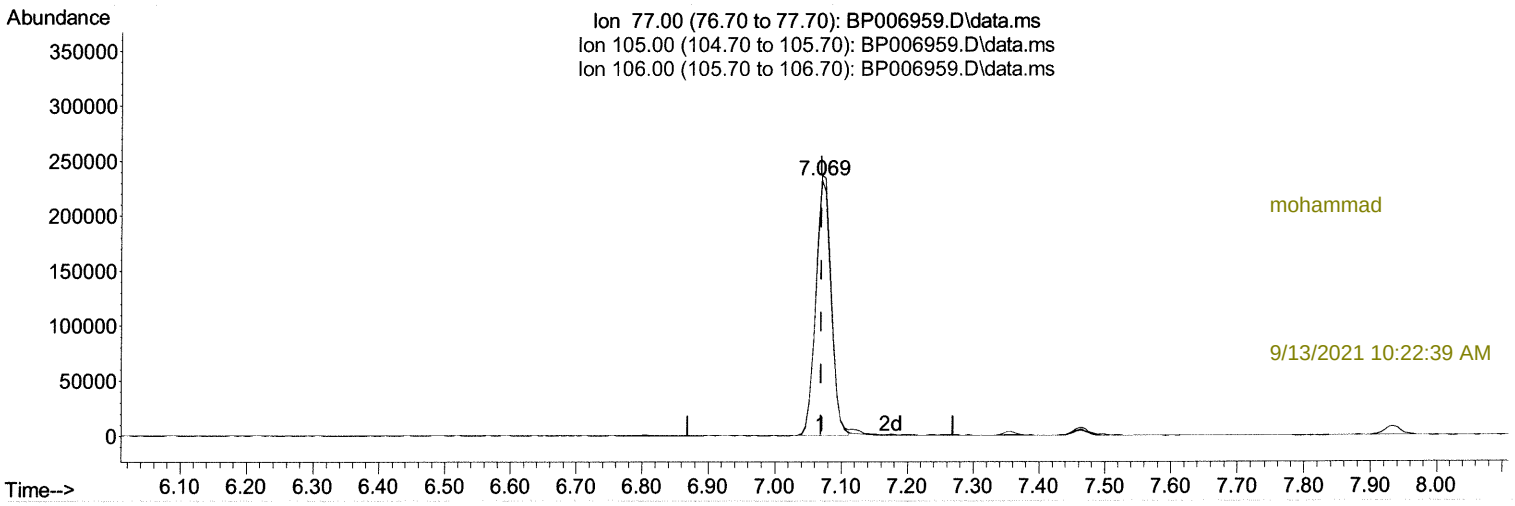

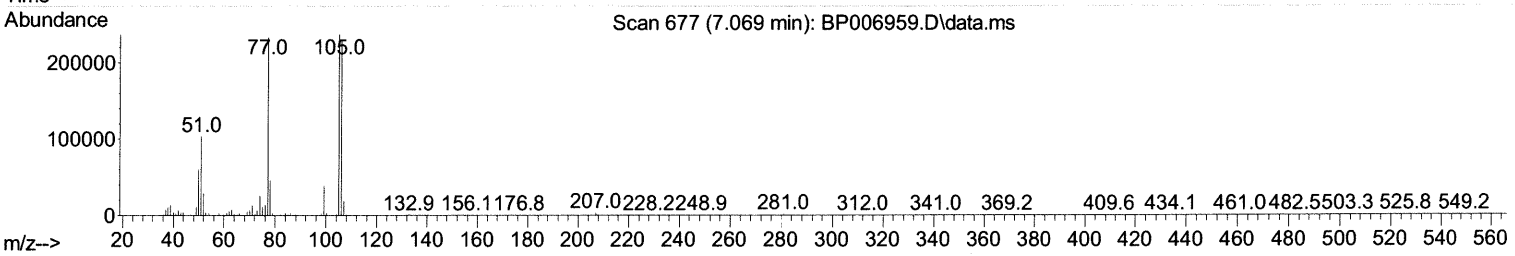

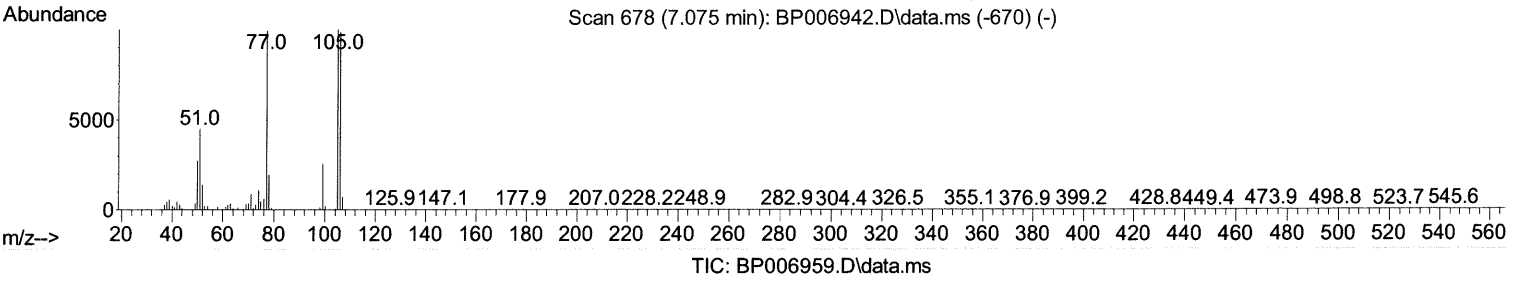

TIC: BP006959.D\data.ms

(6) Benzaldehyde

7.069min (-0.000) 19.87 ng/ul

response 372443

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	101.79
106.00	87.90	98.76
0.00	0.00	0.00

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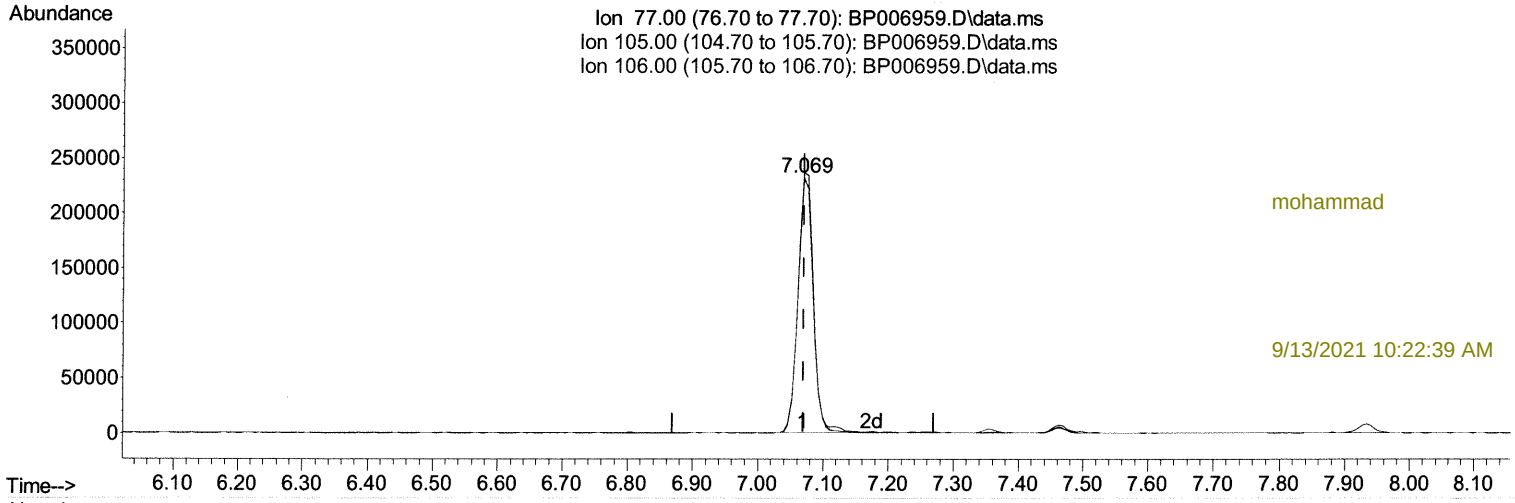

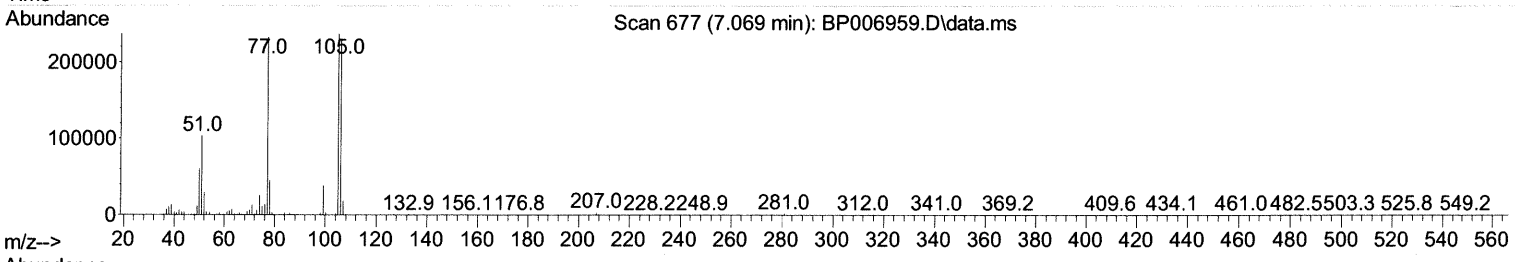

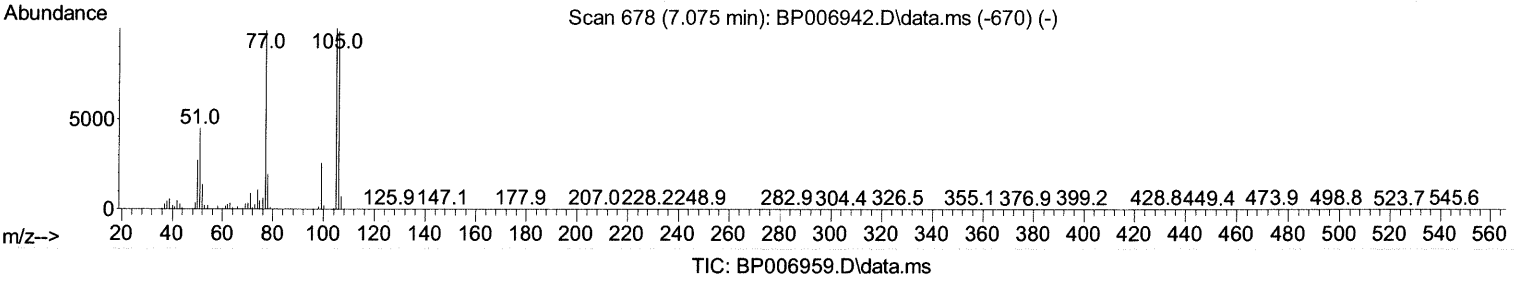

TIC: BP006959.D\data.ms

(6) Benzaldehyde

7.069min (-0.000) 20.25 ng/ul m 09/14/2130

response 379485

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	101.79
106.00	87.90	98.76
0.00	0.00	0.00

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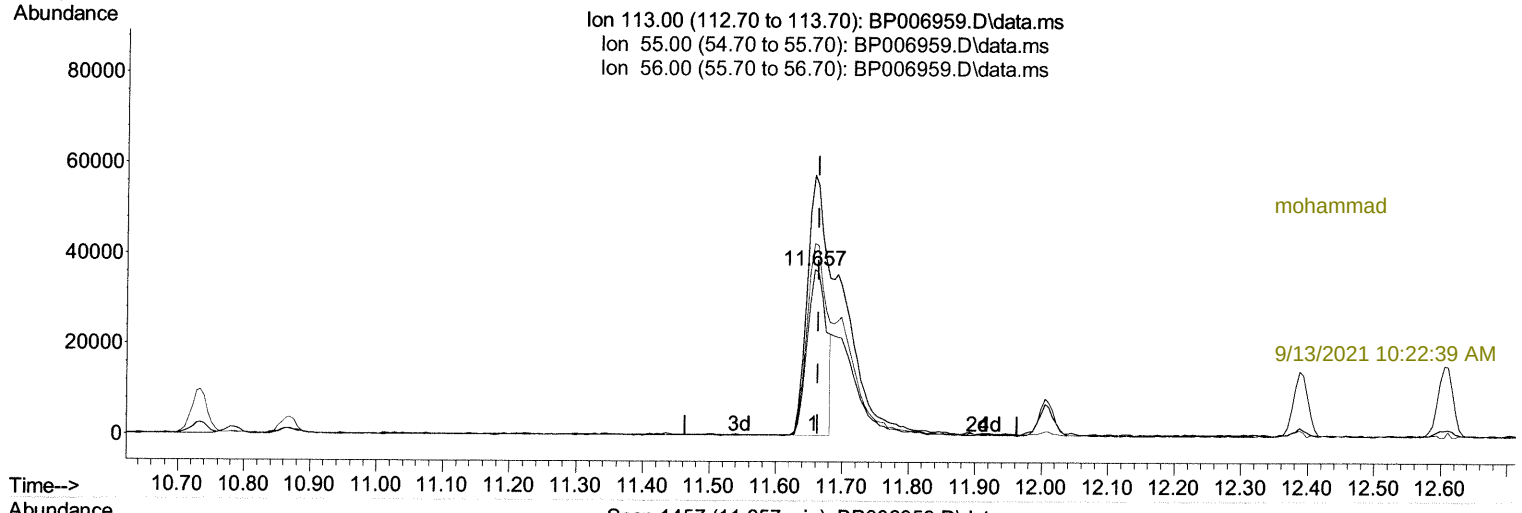

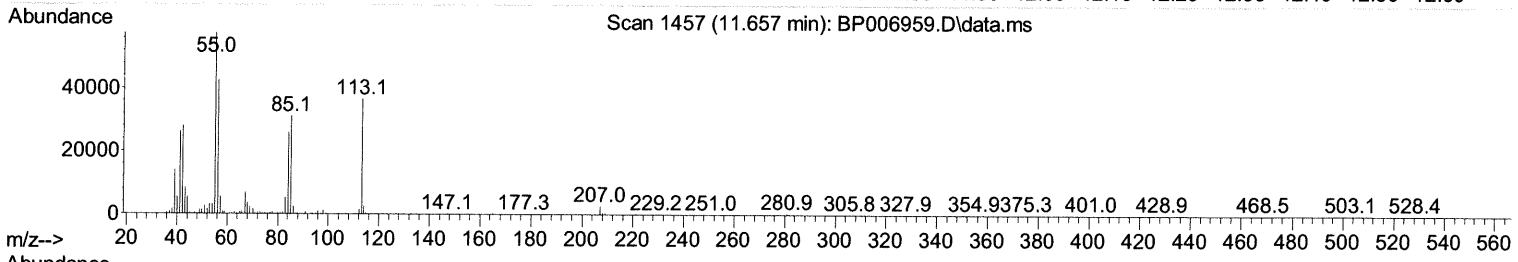

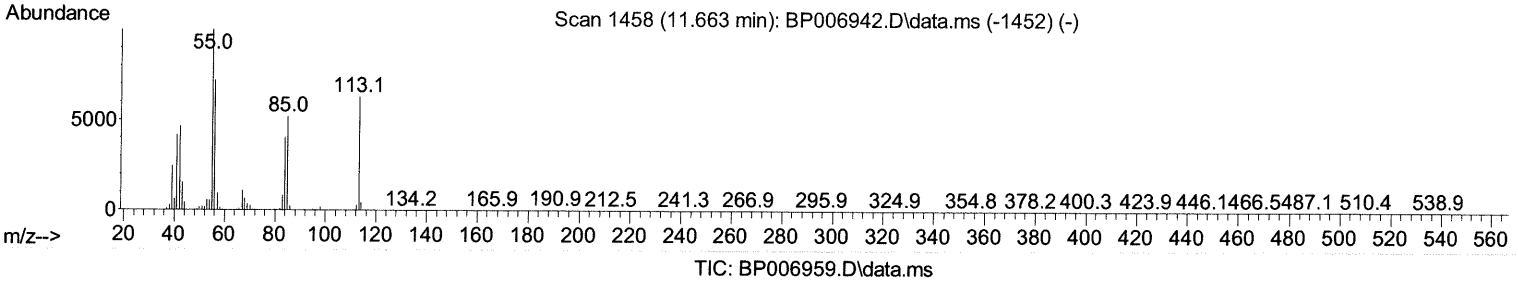

TIC: BP006959.D\data.ms

(34) Caprolactam

11.657min (-0.006) 11.15 ng/ul

response 73855

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	157.03
56.00	122.70	116.24
0.00	0.00	0.00

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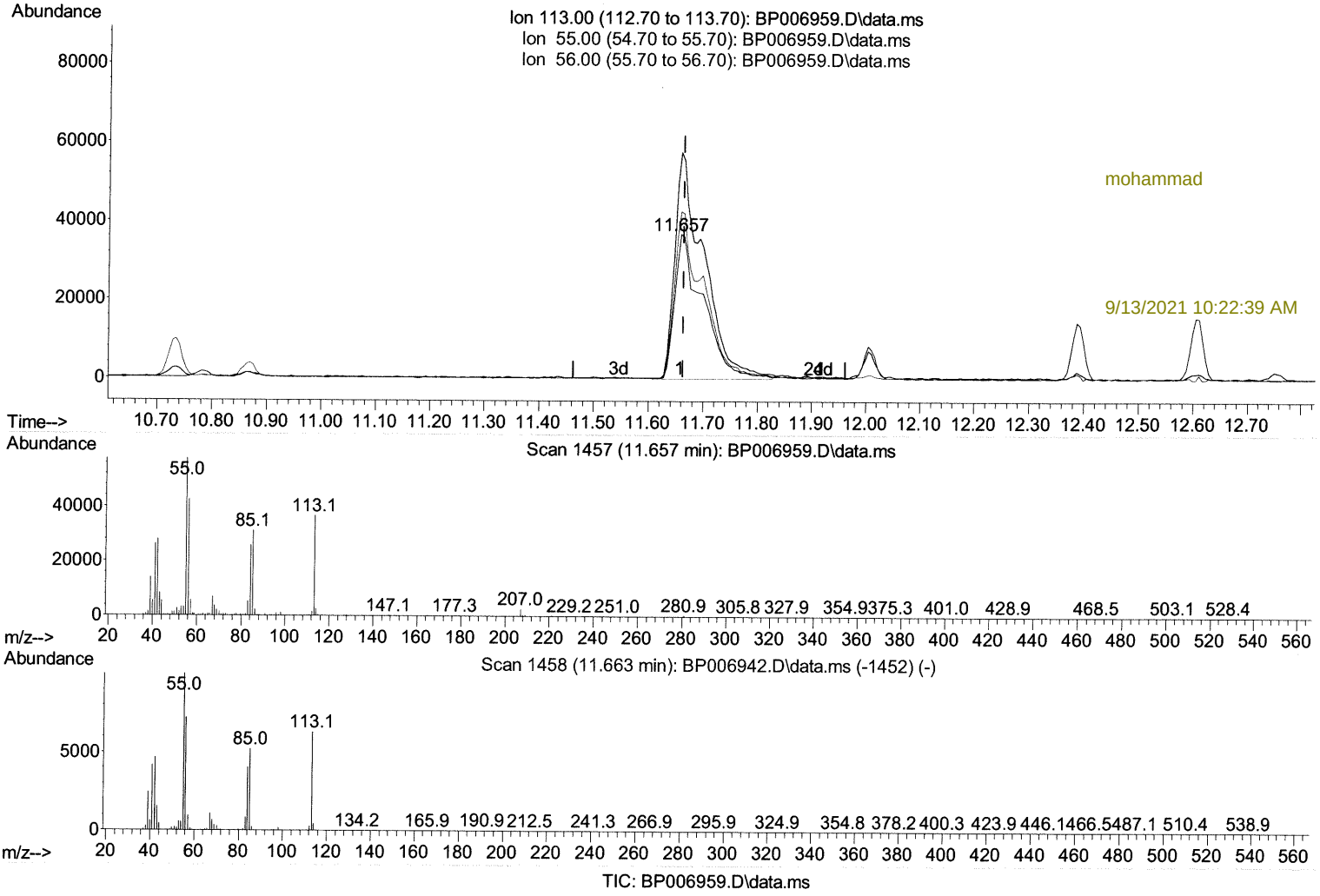
Manual Integrations APPROVED



(34) Caprolactam

11.657min (-0.006) 20.04 ng/ul m 9/14/21 JU

response 132791

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	157.03
56.00	122.70	116.24
0.00	0.00	0.00

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9/13/2021 10:22:39 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	400141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	1596386	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	990842	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	2015405	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.386	240	2037061	20.000	ng/ul	#-0.01
88) Perylene-d12	23.810	264	2073914	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	75135	7.472	ng/uL	0.00
4) Pyridine-d5	3.787	84	521791	19.914	ng/ul	0.00
7) Phenol-d5	7.093	99	588935	20.025	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	337793	19.999	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	481934	20.299	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	454932	19.698	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	210889	21.810	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	212514	22.324	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	459023	20.449	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	610999	19.683	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1247057	19.432	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	1624054	19.982	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	224778	20.161	ng/ul	0.00
60) Fluorene-d10	15.545	176	1085579	19.167	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.663	200	157596	17.676	ng/ul	0.00
73) Anthracene-d10	17.404	188	1674812	20.072	ng/ul	-0.01
81) Pyrene-d10	19.633	212	1887333	19.783	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.657	264	1966090	19.651	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	85278	7.622	ng/uL	90
5) Pyridine	3.805	79	516739	19.659	ng/ul#	82
6) Benzaldehyde	7.069	77	379485m	20.250	ng/ul	09/14/21 JU
8) Phenol	7.116	94	612823	20.158	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.358	93	480030	19.723	ng/ul	97
12) 2-Chlorophenol	7.493	128	497644	20.431	ng/ul	93
13) 2-Methylphenol	8.369	108	452347	19.593	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.457	45	573063	20.384	ng/ul	95
16) Acetophenone	8.757	105	717068	20.246	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.740	70	337693	20.464	ng/ul	98
18) 4-Methylphenol	8.699	108	494705	19.979	ng/ul	98
19) Hexachloroethane	9.016	117	195621	19.722	ng/ul#	81
22) Nitrobenzene	9.134	77	501028	21.413	ng/ul	91
23) Isophorone	9.663	82	937459	20.172	ng/ul#	94
25) 2-Nitrophenol	9.846	139	243864	22.919	ng/ul#	84
26) 2,4-Dimethylphenol	9.904	107	522650	20.275	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.146	93	619161	20.127	ng/ul	99
29) 2,4-Dichlorophenol	10.375	162	454512	20.446	ng/ul	95
30) Naphthalene	10.781	128	1532541	19.791	ng/ul	100
32) 4-Chloroaniline	10.893	127	640210	20.249	ng/ul	100
33) Hexachlorobutadiene	11.075	225	295182	19.248	ng/ul	98
34) Caprolactam	11.657	113	132791m	20.041	ng/ul	09/14/21 JU
35) 4-Chloro-3-methylphenol	12.004	107	454678	20.166	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.387	142	1015618	19.562	ng/ul	99
37) 1-Methylnaphthalene	12.604	142	1031776	19.482	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	552101	19.459	ng/ul#	93
40) Hexachlorocyclopentadiene	12.740	237	318167	17.375	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	341818	20.814	ng/ul	99
42) 2,4,5-Trichlorophenol	13.057	196	370330	20.229	ng/ul	96
43) 1,1'-Biphenyl	13.393	154	1372525	19.895	ng/ul#	97
44) 2-Chloronaphthalene	13.434	162	1050212	19.745	ng/ul	92
45) 2-Nitroaniline	13.634	65	247758	22.918	ng/ul#	85
47) Dimethylphthalate	14.016	163	1251761	19.340	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	231580	21.424	ng/ul#	82
50) Acenaphthylene	14.281	152	1689669	20.036	ng/ul	100
51) 3-Nitroaniline	14.457	138	258759	20.883	ng/ul	84
52) Acenaphthene	14.622	153	1087296	19.471	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	88346	14.549	ng/ul#	73
55) 4-Nitrophenol	14.757	109	168536	20.566	ng/ul#	80
56) Dibenzofuran	14.951	168	1567301	19.450	ng/ul	87
57) 2,4-Dinitrotoluene	14.916	165	334268	21.639	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.175	232	285140	19.330	ng/ul#	80
59) Diethylphthalate	15.375	149	1225223	19.442	ng/ul	95
61) Fluorene	15.604	166	1265065	19.697	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.598	204	633467	19.347	ng/ul#	81
63) 4-Nitroaniline	15.616	138	270814	21.891	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.675	198	166367	18.328	ng/ul#	78
67) N-Nitrosodiphenylamine	15.810	169	1075017	20.253	ng/ul	99
68) 4-Bromophenyl-phenylether	16.492	248	369001	19.366	ng/ul#	84
69) Hexachlorobenzene	16.610	284	419267	18.976	ng/ul#	85
70) Atrazine	16.763	200	388993	19.351	ng/ul	95
71) Pentachlorophenol	16.951	266	224213	17.717	ng/ul	99
72) Phenanthrene	17.345	178	1986128	19.783	ng/ul	99
74) Anthracene	17.439	178	2002696	20.069	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.357	216	569610	20.165	ng/uL	99
76) Pentachlorobenzene	14.875	250	532398	19.471	ng/uL	100
77) Carbazole	17.704	167	1799662	20.292	ng/ul	97
78) Di-n-butylphthalate	18.263	149	2000918	19.906	ng/ul#	98
80) Fluoranthene	19.310	202	2300394	19.387	ng/ul#	94
82) Pyrene	19.657	202	2416655	19.857	ng/ul	95
83) Butylbenzylphthalate	20.533	149	850849	20.077	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.298	252	729772	17.265	ng/ul	98
85) Benzo(a)anthracene	21.369	228	2347894	19.796	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	1303533	20.633	ng/ul#	94
87) Chrysene	21.422	228	2272059	19.358	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	2157260	20.126	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	2379055	19.605	ng/ul	98
91) Benzo(k)fluoranthene	23.116	252	2291865	20.177	ng/ul	98
93) Benzo(a)pyrene	23.704	252	2361650	20.227	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.357	276	2669436	19.709	ng/ul	98
95) Dibenzo(a,h)anthracene	26.374	278	2319902	19.796	ng/ul	97
96) Benzo(g,h,i)perylene	27.133	276	2213671	19.057	ng/ul	97

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