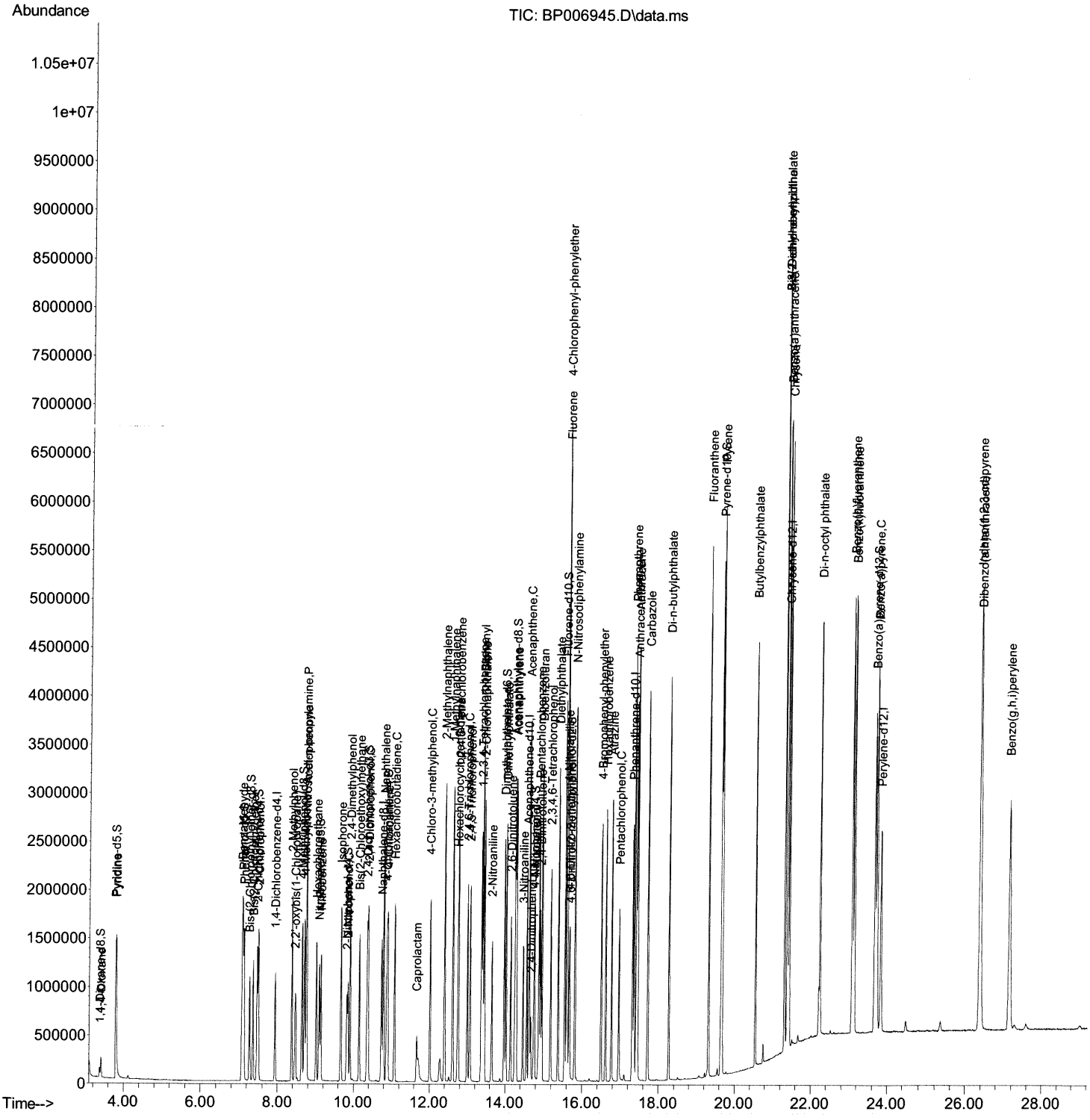
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006945.D
Acq On : 10 Sep 2021 17:28
Operator : CG/JU
Sample : PB138947BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 10 23:35:33 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 :
SLCS947

Manual Integrations APPROVED
mohammad
9/13/2021 10:22:03 AM



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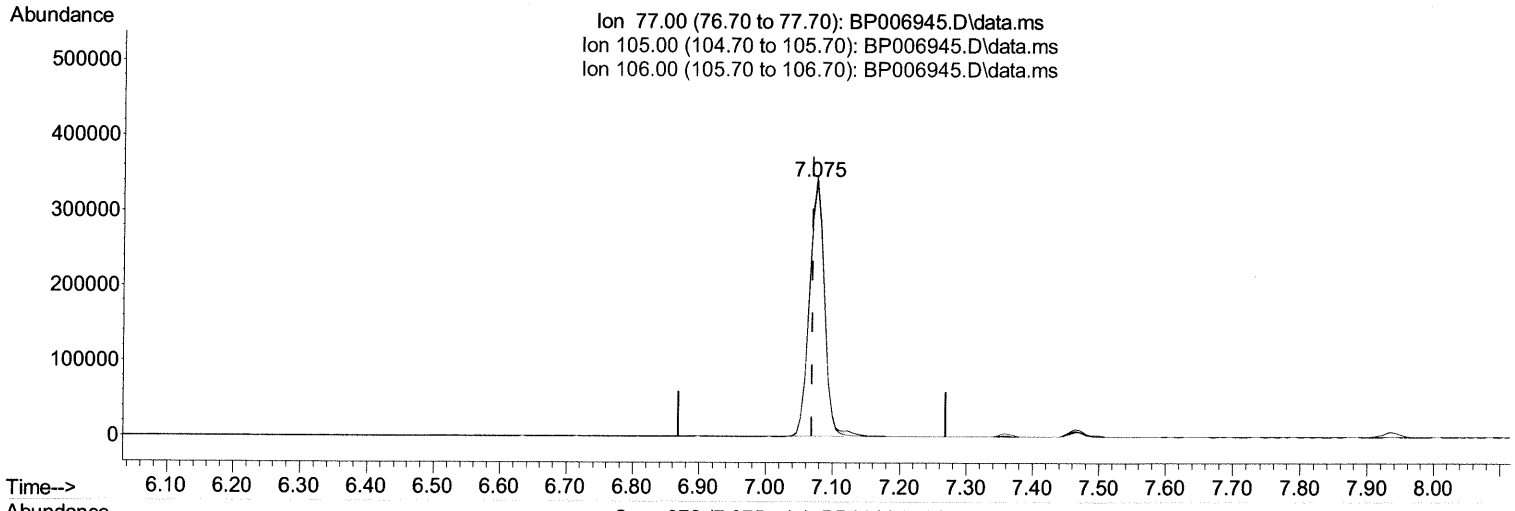

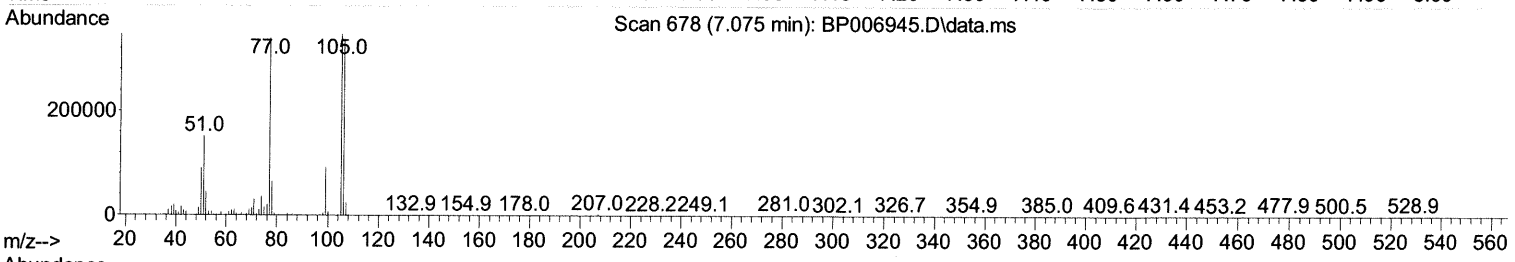

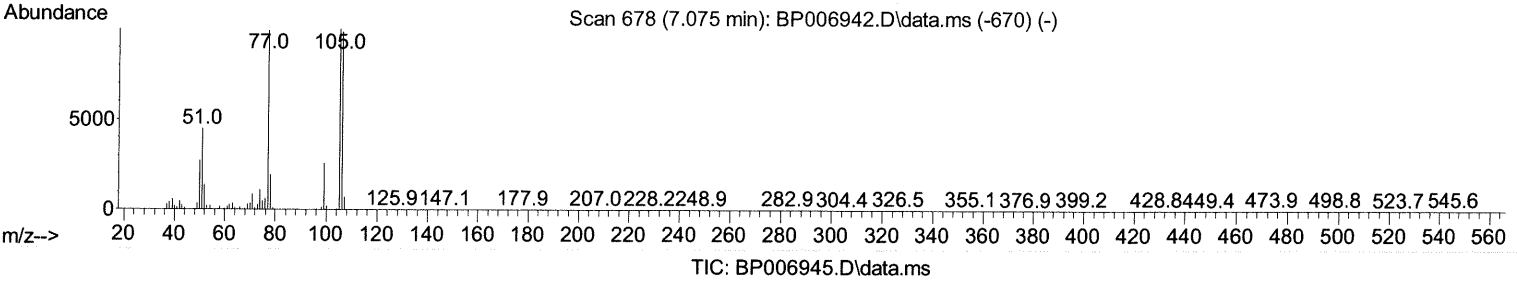

TIC: BP006945.D\data.ms

(6) Benzaldehyde

7.075min (+ 0.006) 36.53 ng/ul

response 529876

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	102.00
106.00	87.90	98.95
0.00	0.00	0.00

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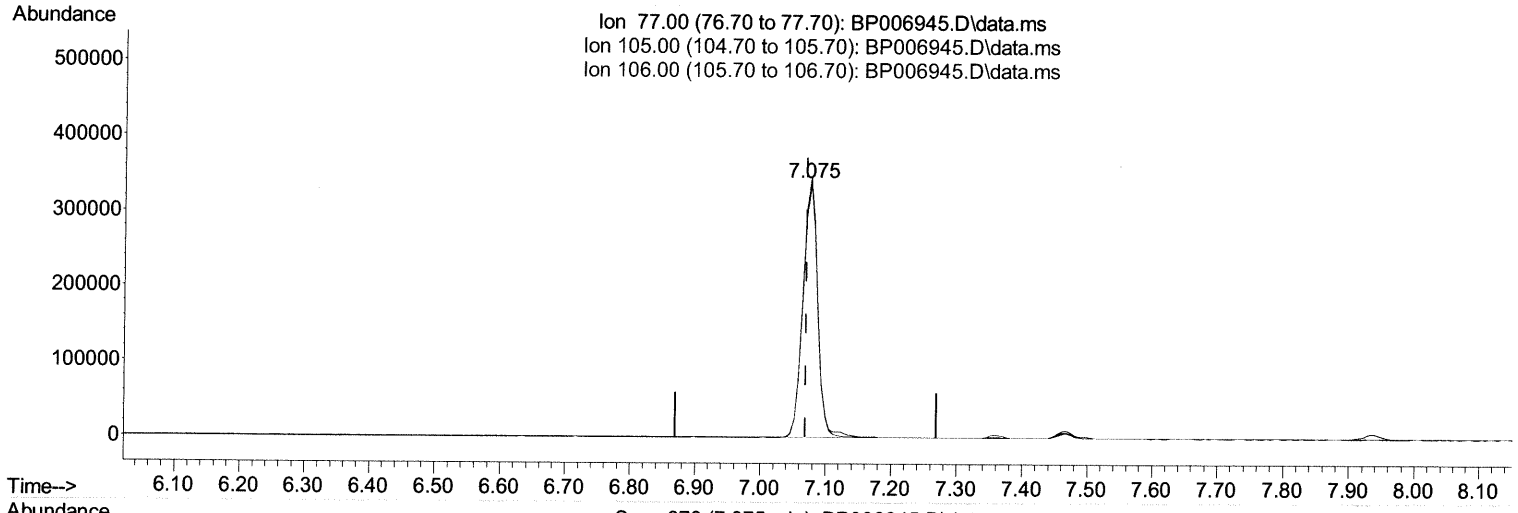

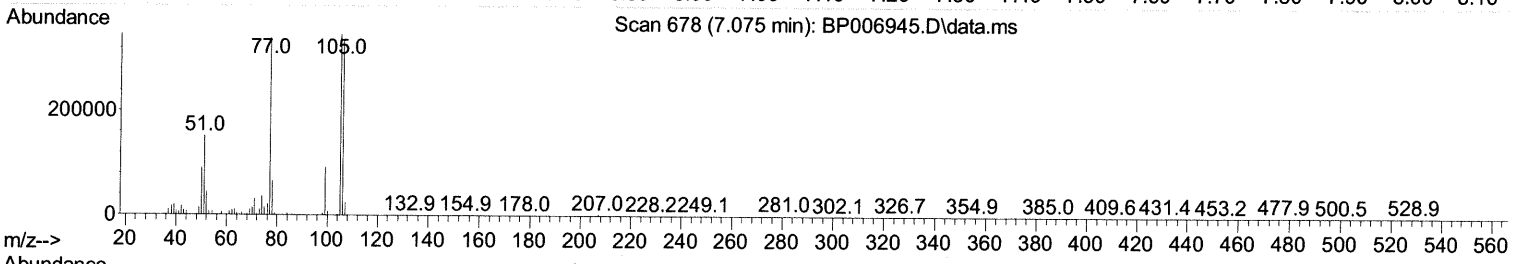

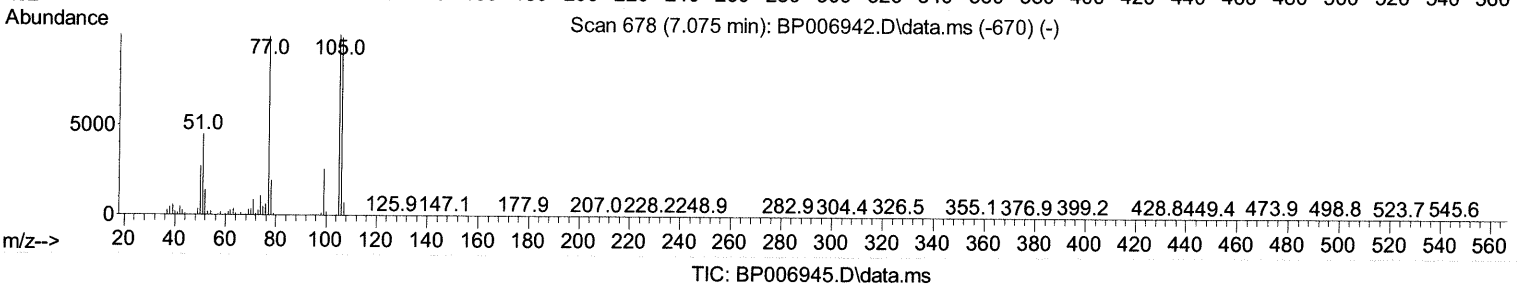

TIC: BP006945.D\data.ms

(6) Benzaldehyde

7.075min (+ 0.006) 37.20 ng/ul m 09/14/21 JU

response 539681

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	102.00
106.00	87.90	98.95
0.00	0.00	0.00

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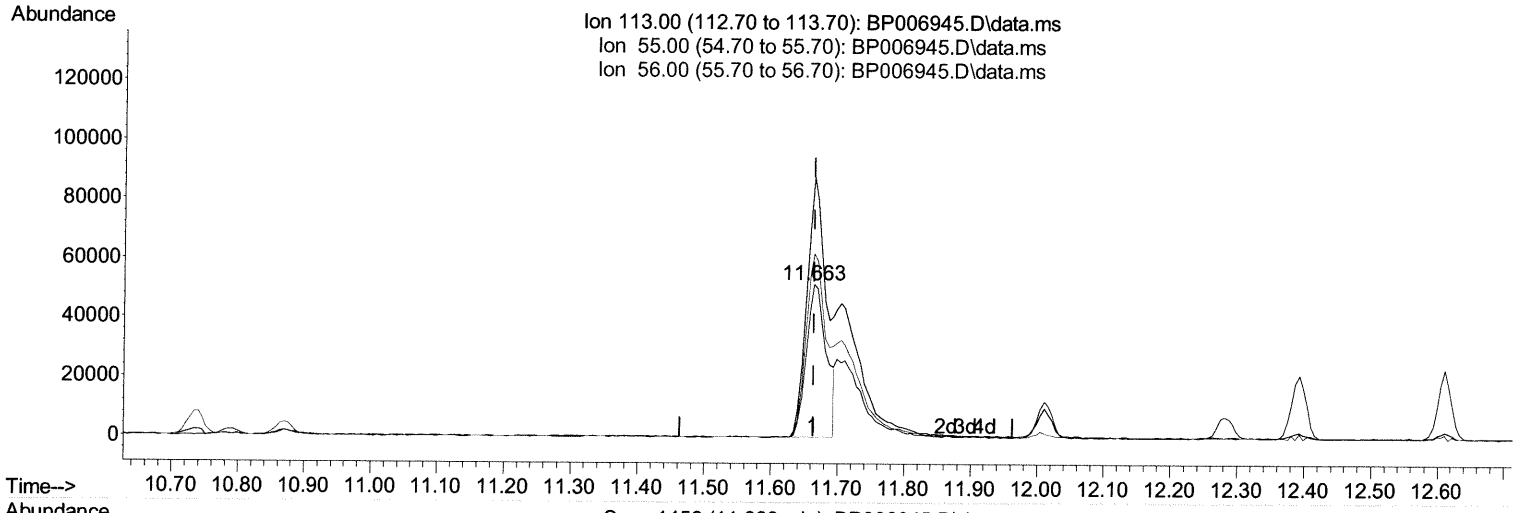

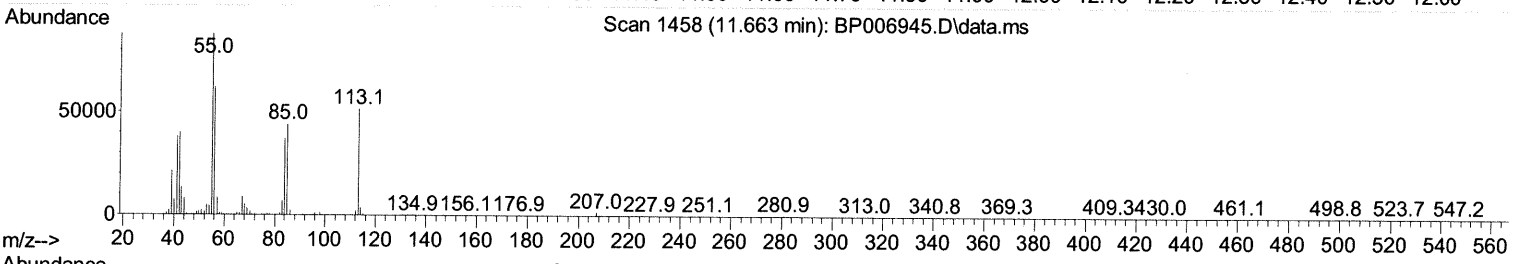

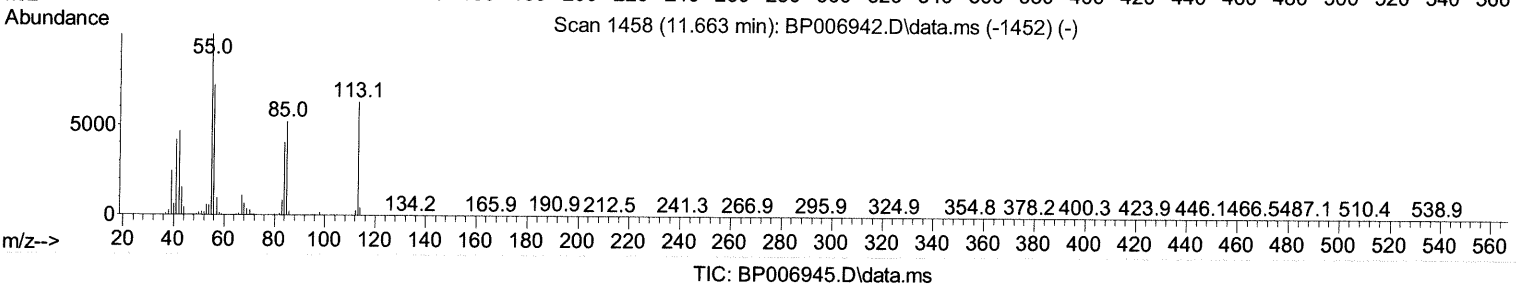

TIC: BP006945.D\data.ms

(34) Caprolactam

11.663min (-0.000) 20.60 ng/ul

response 108063

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	170.11
56.00	122.70	120.33
0.00	0.00	0.00

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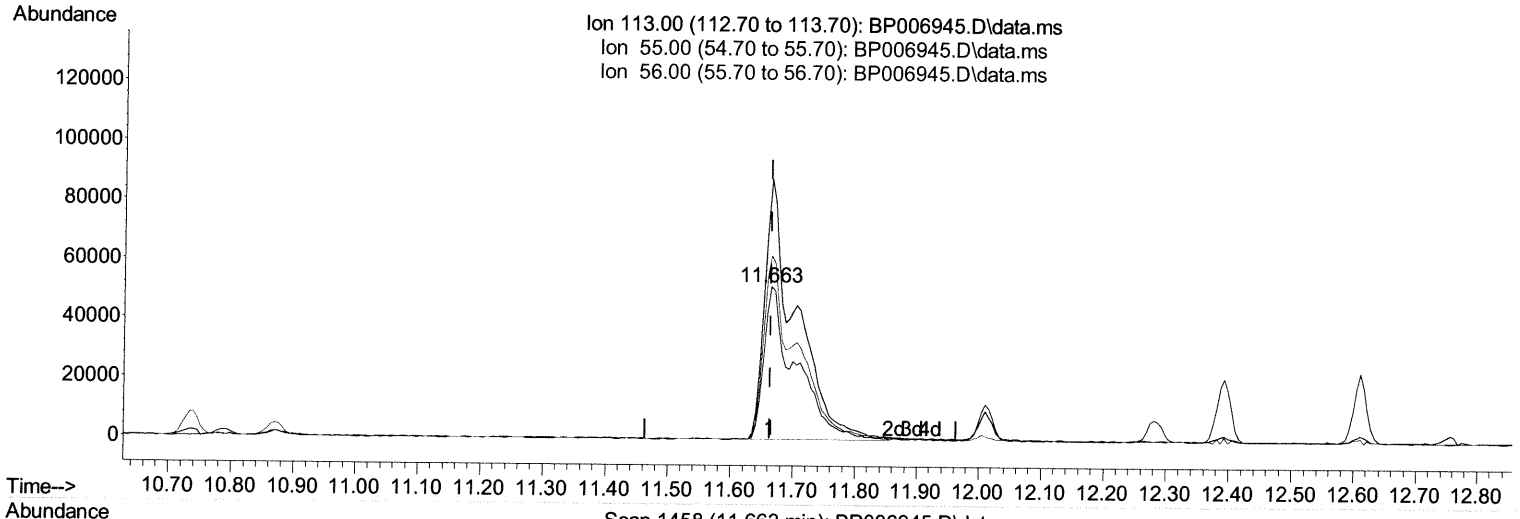

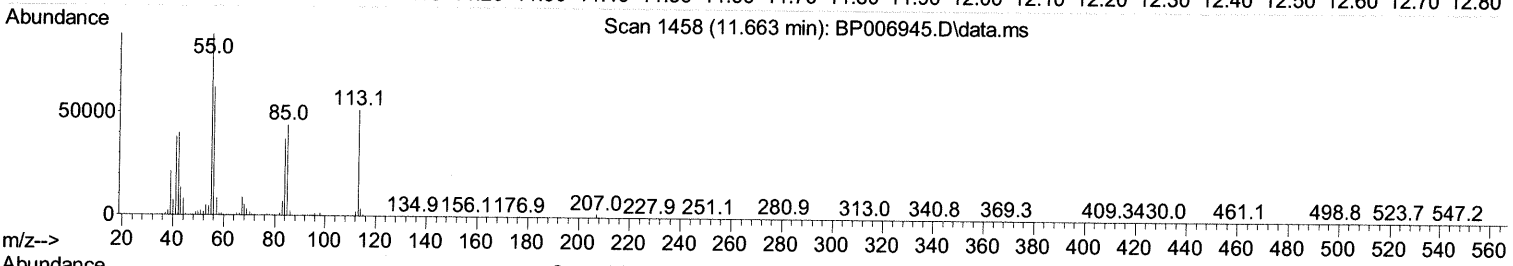

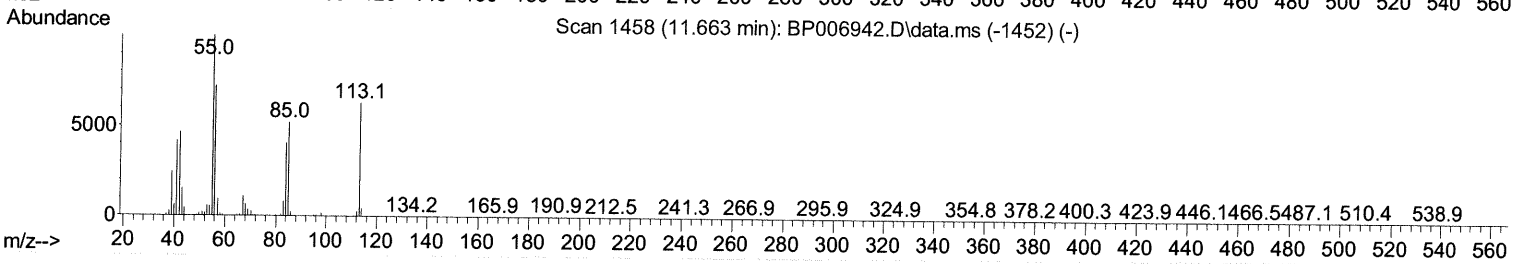

TIC: BP006945.D\data.ms

(34) Caprolactam

11.663min (-0.000) 35.25 ng/ul m 09/14/2021

response 184957

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	170.11
56.00	122.70	120.33
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	7.934	152	309728	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1264078	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	767613	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1550657	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	1543215	20.000	ng/ul	# 0.00
88) Perylene-d12	23.821	264	1519287	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	53572	6.883	ng/uL	0.00
4) Pyridine-d5	3.787	84	707819	34.899	ng/ul	0.00
7) Phenol-d5	7.093	99	828704	36.404	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	481147	36.802	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	655239	35.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	637141	35.641	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	299573	39.126	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	292760	38.838	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	621582	34.971	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	795043	32.345	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1717152	34.539	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	2199614	34.933	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	314068	36.362	ng/ul	0.00
60) Fluorene-d10	15.551	176	1497715	34.133	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	238446	34.760	ng/ul	0.00
73) Anthracene-d10	17.410	188	2278895	35.498	ng/ul	0.00
81) Pyrene-d10	19.639	212	2623734	36.303	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	2496414	34.060	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	114538	13.225	ng/uL#	86
5) Pyridine	3.805	79	714354	35.111	ng/ul#	84
6) Benzaldehyde	7.075	77	539681m	> 37.204	ng/ul	> 09/14/21 JU
8) Phenol	7.122	94	888320	37.750	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.358	93	683318	36.270	ng/ul	99
12) 2-Chlorophenol	7.499	128	697447	36.992	ng/ul	95
13) 2-Methylphenol	8.375	108	653557	36.572	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	834915	38.368	ng/ul	96
16) Acetophenone	8.757	105	1001180	36.519	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.746	70	474124	37.118	ng/ul	95
18) 4-Methylphenol	8.705	108	698924	36.466	ng/ul	98
19) Hexachloroethane	9.016	117	272953	35.552	ng/ul	86
22) Nitrobenzene	9.140	77	725099	39.135	ng/ul#	89
23) Isophorone	9.663	82	1312520	35.668	ng/ul	96
25) 2-Nitrophenol	9.846	139	341549	40.538	ng/ul#	85
26) 2,4-Dimethylphenol	9.904	107	716613	35.107	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.146	93	871897	35.794	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	633448	35.986	ng/ul	94
30) Naphthalene	10.787	128	2105003	34.330	ng/ul	100
32) 4-Chloroaniline	10.893	127	818224	32.683	ng/ul	99
33) Hexachlorobutadiene	11.075	225	391107	32.208	ng/ul	97
34) Caprolactam	11.663	113	184957m	> 35.252	ng/ul	> 09/14/21 JU
35) 4-Chloro-3-methylphenol	12.010	107	643382	36.036	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	1466103	35.663	ng/ul	98
37) 1-Methylnaphthalene	12.610	142	1403937	33.478	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	756339	34.410	ng/ul#	95
40) Hexachlorocyclopentadiene	12.740	237	393068	27.708	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	477269	37.514	ng/ul	100
42) 2,4,5-Trichlorophenol	13.063	196	515161	36.324	ng/ul	97
43) 1,1'-Biphenyl	13.398	154	1846023	34.540	ng/ul#	97
44) 2-Chloronaphthalene	13.440	162	1427418	34.641	ng/ul	92
45) 2-Nitroaniline	13.640	65	361948	43.217	ng/ul#	81
47) Dimethylphthalate	14.016	163	1734026	34.583	ng/ul	98
48) 2,6-Dinitrotoluene	14.134	165	330634	39.483	ng/ul#	80
50) Acenaphthylene	14.281	152	2132360	32.638	ng/ul	100
51) 3-Nitroaniline	14.463	138	350453	36.508	ng/ul	82
52) Acenaphthene	14.622	153	1519316	35.120	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	136555	29.028	ng/ul#	78
55) 4-Nitrophenol	14.763	109	238850	37.622	ng/ul#	85
56) Dibenzofuran	14.957	168	2138276	34.252	ng/ul	88
57) 2,4-Dinitrotoluene	14.916	165	481399	40.227	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.181	232	409007	35.790	ng/ul#	80
59) Diethylphthalate	15.381	149	1712614	35.080	ng/ul	96
61) Fluorene	15.610	166	1745997	35.091	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	857294	33.798	ng/ul#	81
63) 4-Nitroaniline	15.622	138	392342	40.938	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.681	198	250575	35.878	ng/ul#	76
67) N-Nitrosodiphenylamine	15.816	169	1481331	36.272	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	509648	34.764	ng/ul#	84
69) Hexachlorobenzene	16.610	284	572841	33.698	ng/ul#	90
70) Atrazine	16.769	200	512279	33.123	ng/ul	93
71) Pentachlorophenol	16.957	266	306524	31.480	ng/ul	97
72) Phenanthrene	17.351	178	2738150	35.447	ng/ul	99
74) Anthracene	17.445	178	2754302	35.873	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	775288	35.672	ng/uL	99
76) Pentachlorobenzene	14.881	250	689980	32.797	ng/uL	99
77) Carbazole	17.710	167	2489086	36.476	ng/ul	98
78) Di-n-butylphthalate	18.263	149	2828912	36.578	ng/ul	99
80) Fluoranthene	19.316	202	3188022	35.466	ng/ul#	93
82) Pyrene	19.669	202	3301051	35.803	ng/ul	94
83) Butylbenzylphthalate	20.539	149	1186730	36.964	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.304	252	1006774	31.440	ng/ul	99
85) Benzo(a)anthracene	21.374	228	3184812	35.446	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	1823849	38.107	ng/ul#	94
87) Chrysene	21.427	228	3068235	34.508	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	3070598	39.106	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	3237330	36.416	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	3181246	38.230	ng/ul	98
93) Benzo(a)pyrene	23.715	252	2931759	34.276	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.380	276	3661254	36.899	ng/ul	99
95) Dibenzo(a,h)anthracene	26.398	278	3105073	36.169	ng/ul	97
96) Benzo(g,h,i)perylene	27.156	276	3027316	35.575	ng/ul	96

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