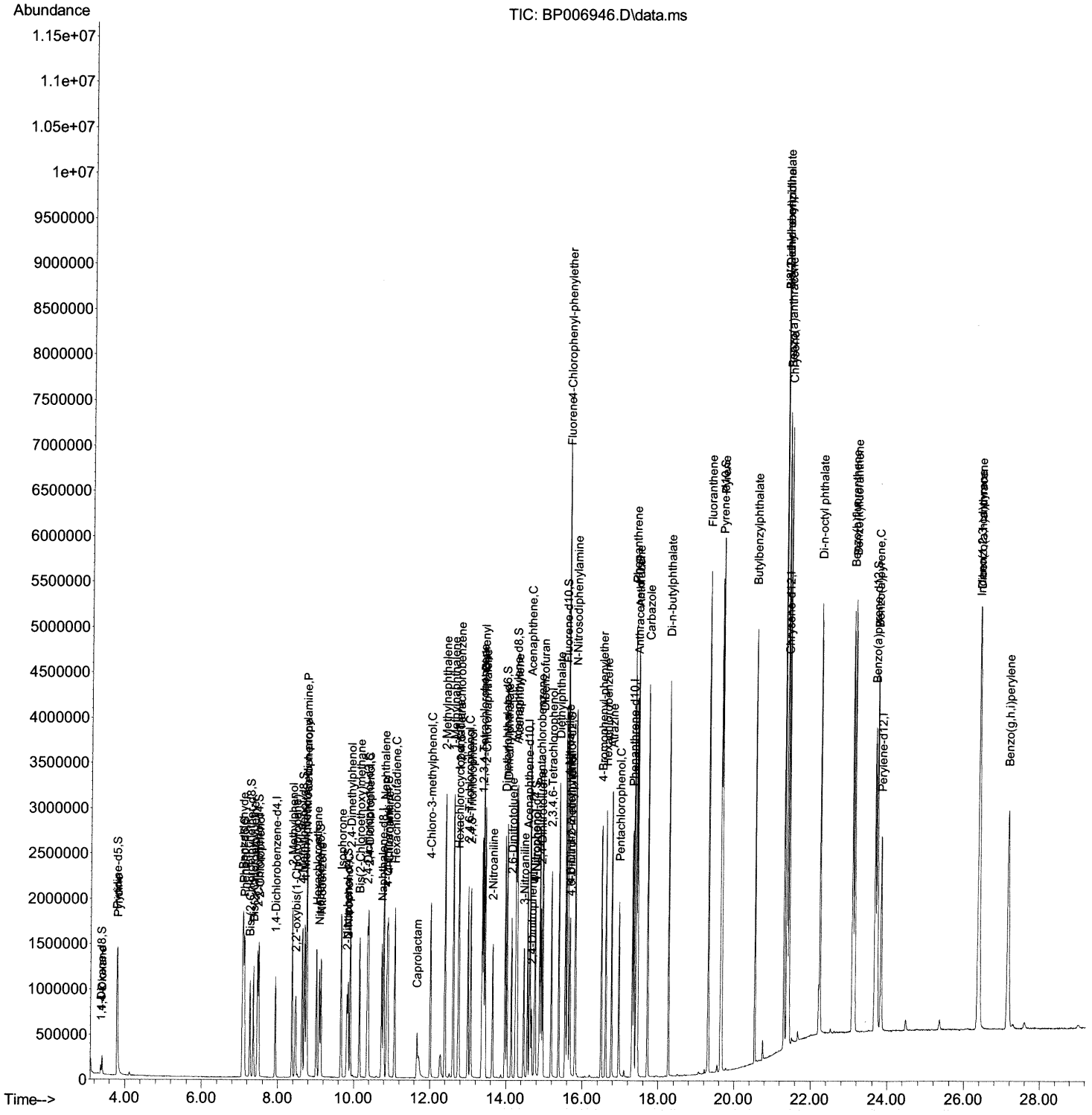
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006946.D
Acq On : 10 Sep 2021 18:02
Operator : CG/JU
Sample : PB138976BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Sep 10 23:35:46 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 :
SLCS976

Manual Integrations APPROVED
mohammad
9/13/2021 10:22:06 AM



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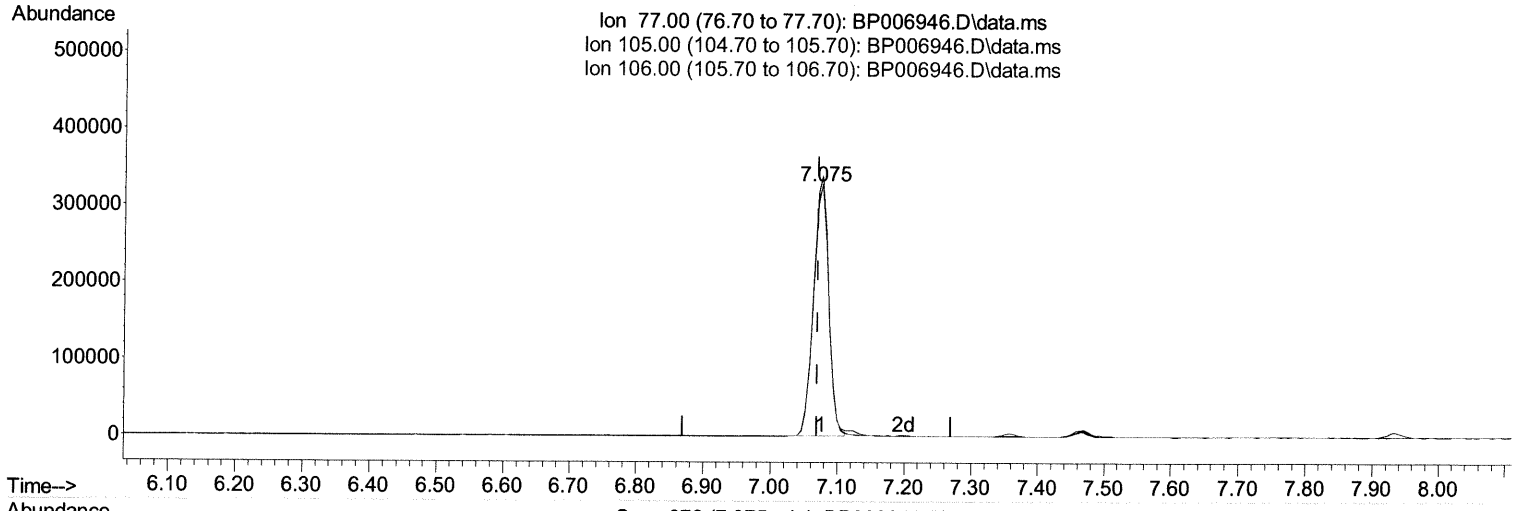

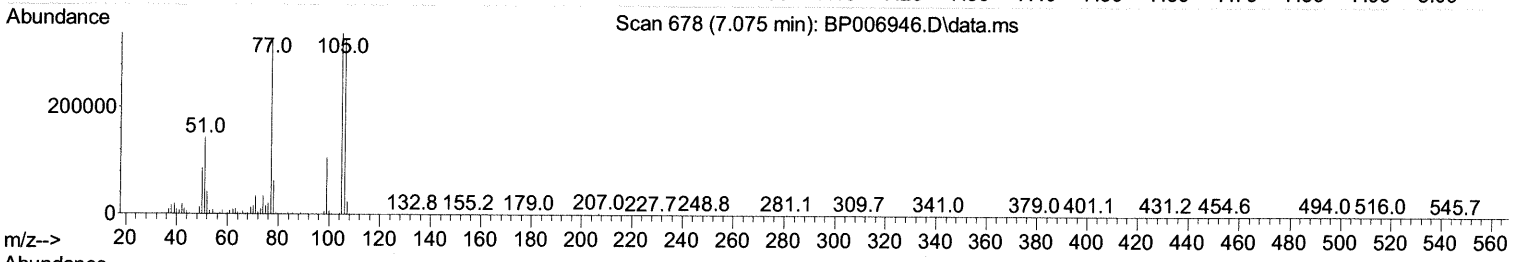

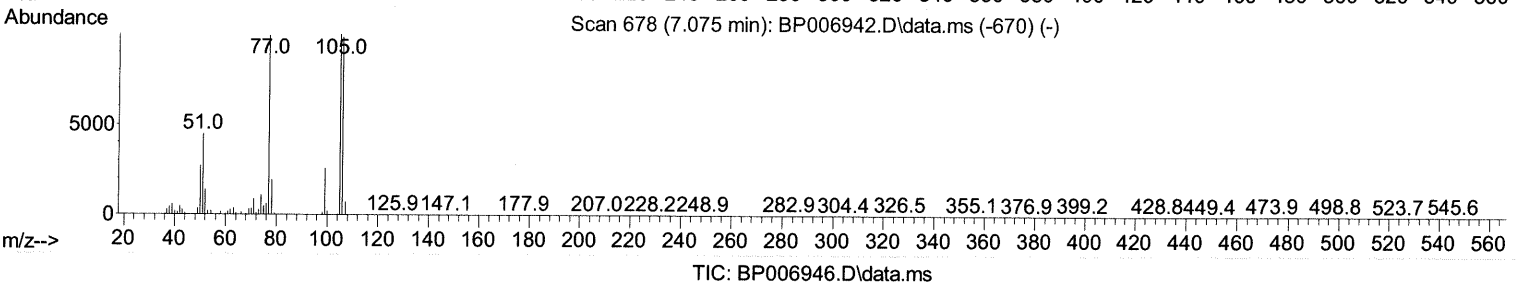

TIC: BP006946.D\data.ms

(6) Benzaldehyde

7.075min (+ 0.006) 35.97 ng/ul

response 517423

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	103.92
106.00	87.90	100.92
0.00	0.00	0.00

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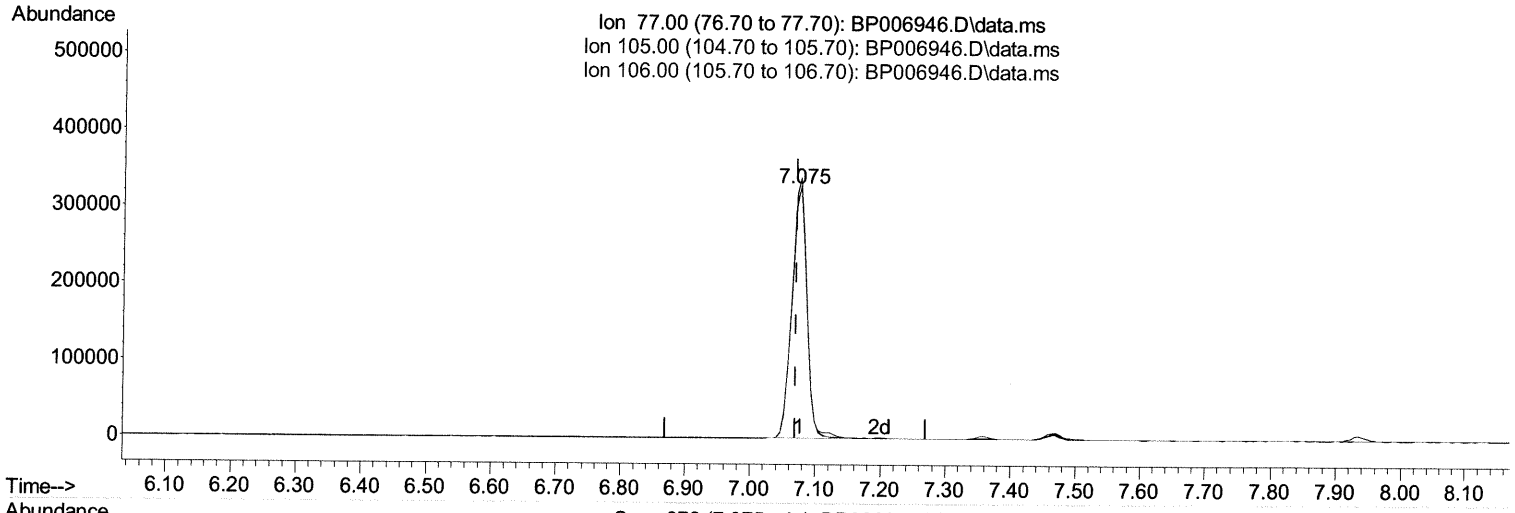

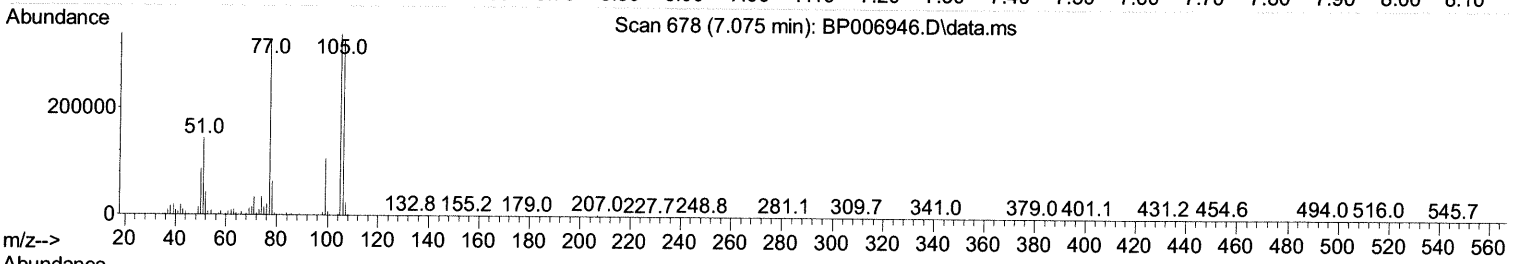

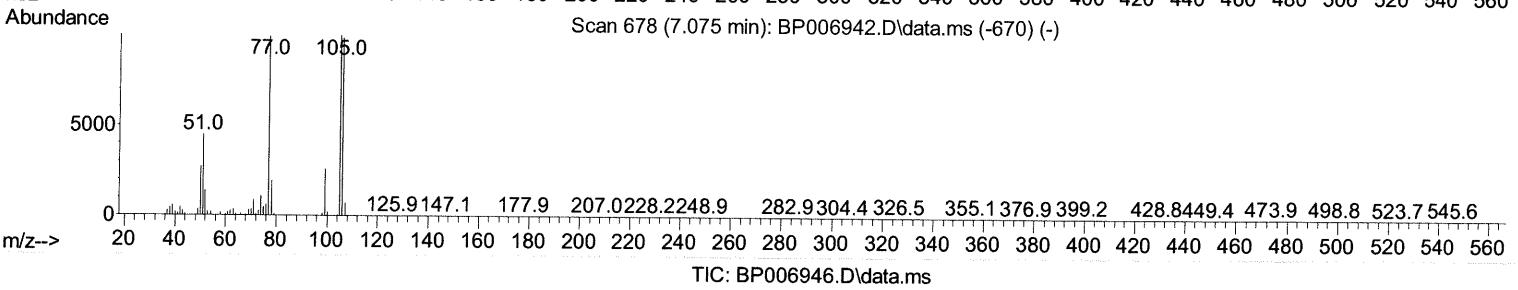

TIC: BP006946.D\data.ms

(6) Benzaldehyde

7.075min (+ 0.006) 36.69 ng/ul m 09/14/21 JU

response 527641

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	103.92
106.00	87.90	100.92
0.00	0.00	0.00

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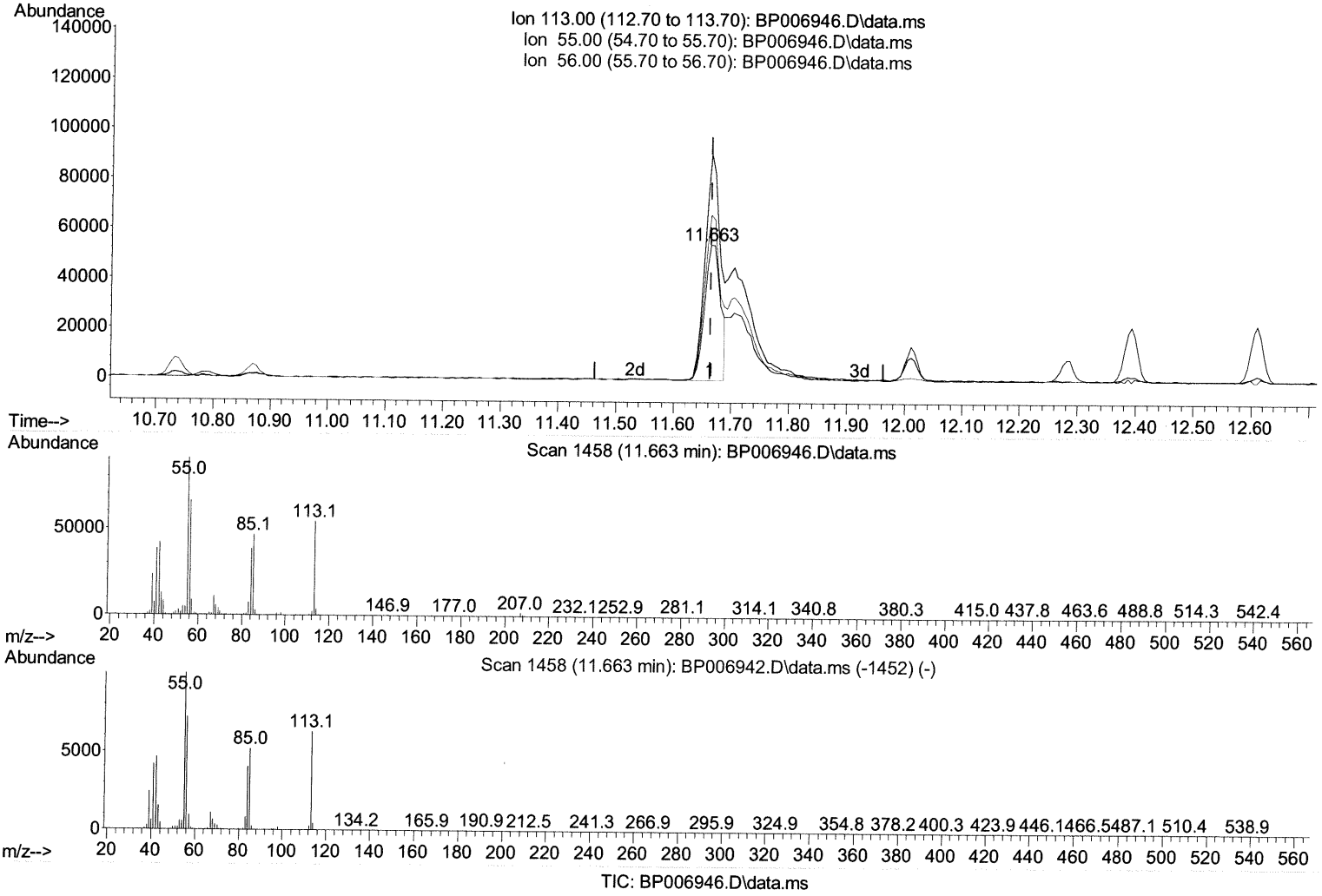

TIC: BP006946.D\data.ms

(34) Caprolactam

11.663min (-0.000) 19.74 ng/ul

response 104423

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	166.98
56.00	122.70	121.94
0.00	0.00	0.00

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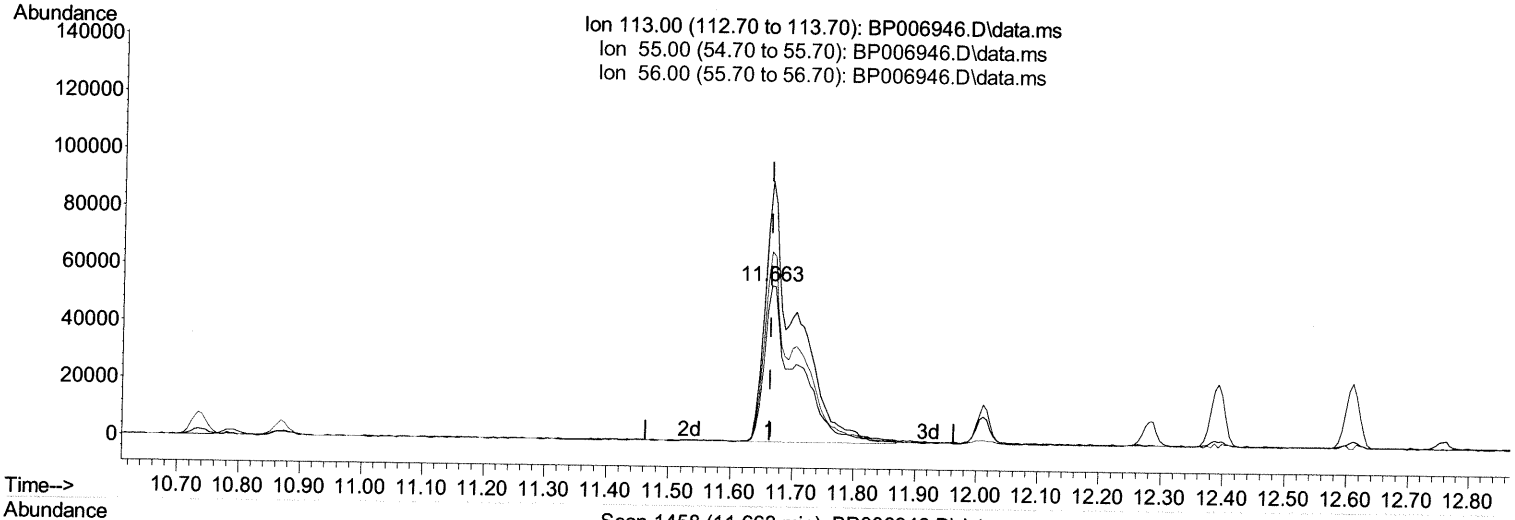

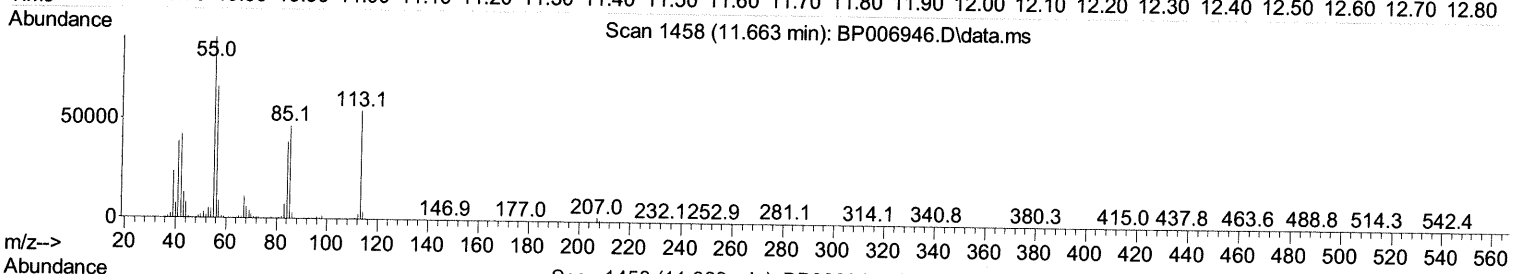

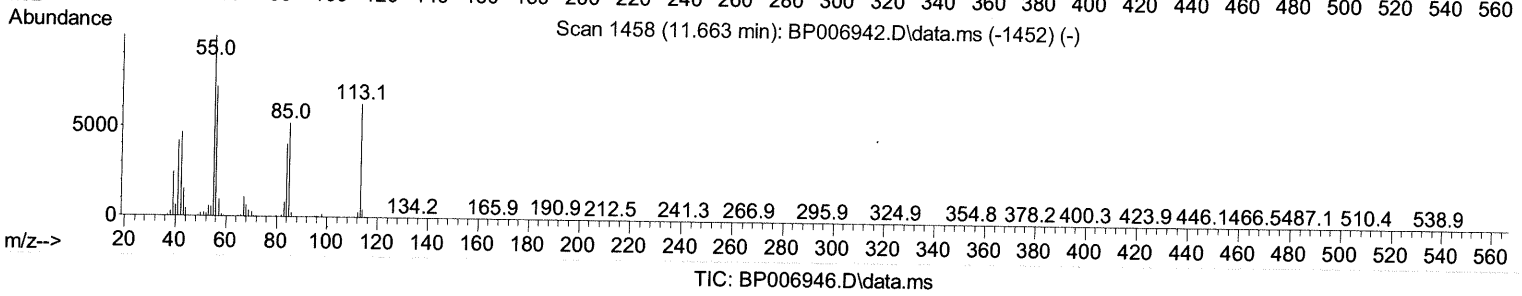

TIC: BP006946.D\data.ms

(34) Caprolactam

11.663min (-0.000) 37.26 ng/ul m 09/14/21 JU

response 197106

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	166.98
56.00	122.70	121.94
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	307104	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1274453	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	801607	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1637230	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	1622976	20.000	ng/ul	# 0.00
88) Perylene-d12	23.821	264	1586314	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	50606	6.558	ng/uL	0.00
4) Pyridine-d5	3.781	84	673109	33.471	ng/ul	0.00
7) Phenol-d5	7.093	99	818564	36.265	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	469559	36.222	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	653918	35.887	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	640586	36.140	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	300595	38.940	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	302080	39.748	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	642750	35.867	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	812913	32.803	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1805877	34.783	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	2287128	34.783	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	335935	37.245	ng/ul	0.00
60) Fluorene-d10	15.551	176	1581697	34.519	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	263764	36.418	ng/ul	0.00
73) Anthracene-d10	17.410	188	2421811	35.730	ng/ul	0.00
81) Pyrene-d10	19.639	212	2775979	36.522	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.663	264	2635647	34.440	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	108067	12.584	ng/uL	90
5) Pyridine	3.805	79	688825	34.146	ng/ul	89
6) Benzaldehyde	7.075	77	527641m>	36.685	ng/ul>	09/14/21 JU
8) Phenol	7.122	94	877715	37.618	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.358	93	672679	36.011	ng/ul	98
12) 2-Chlorophenol	7.499	128	690307	36.926	ng/ul	94
13) 2-Methylphenol	8.375	108	651406	36.763	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	815923	37.816	ng/ul	97
16) Acetophenone	8.758	105	1005676	36.997	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.746	70	478196	37.757	ng/ul#	97
18) 4-Methylphenol	8.705	108	704227	37.057	ng/ul	100
19) Hexachloroethane	9.016	117	270910	35.587	ng/ul	85
22) Nitrobenzene	9.134	77	721460	38.622	ng/ul#	89
23) Isophorone	9.663	82	1331837	35.898	ng/ul	96
25) 2-Nitrophenol	9.846	139	349207	41.110	ng/ul	87
26) 2,4-Dimethylphenol	9.905	107	730710	35.506	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.146	93	878073	35.754	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	646410	36.423	ng/ul	94
30) Naphthalene	10.787	128	2129088	34.440	ng/ul	100
32) 4-Chloroaniline	10.893	127	826752	32.755	ng/ul	99
33) Hexachlorobutadiene	11.075	225	398273	32.531	ng/ul	96
34) Caprolactam	11.663	113	197106m>	37.261	ng/ul>	09/14/21 JU
35) 4-Chloro-3-methylphenol	12.010	107	664337	36.907	ng/ul	90

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	1511298	36.463 ng/ul	97
37) 1-Methylnaphthalene	12.610	142	1442170	34.109 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	787382	34.303 ng/ul#	93
40) Hexachlorocyclopentadiene	12.740	237	417455	28.179 ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	498150	37.495 ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	549903	37.129 ng/ul	97
43) 1,1'-Biphenyl	13.398	154	1925878	34.506 ng/ul#	97
44) 2-Chloronaphthalene	13.440	162	1475339	34.285 ng/ul	92
45) 2-Nitroaniline	13.640	65	374934	42.869 ng/ul#	78
47) Dimethylphthalate	14.016	163	1828604	34.922 ng/ul	98
48) 2,6-Dinitrotoluene	14.134	165	351157	40.156 ng/ul#	78
50) Acenaphthylene	14.281	152	2216881	32.493 ng/ul	100
51) 3-Nitroaniline	14.463	138	369089	36.819 ng/ul	80
52) Acenaphthene	14.622	153	1584207	35.067 ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	155357	31.624 ng/ul#	76
55) 4-Nitrophenol	14.763	109	251168	37.884 ng/ul#	83
56) Dibenzofuran	14.957	168	2238294	34.334 ng/ul	87
57) 2,4-Dinitrotoluene	14.916	165	515852	41.278 ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.181	232	436424	36.570 ng/ul#	78
59) Diethylphthalate	15.381	149	1806733	35.438 ng/ul	95
61) Fluorene	15.610	166	1825795	35.139 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	909426	34.333 ng/ul#	80
63) 4-Nitroaniline	15.622	138	409837	40.950 ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.681	198	278942	37.827 ng/ul#	75
67) N-Nitrosodiphenylamine	15.816	169	1567382	36.349 ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	540866	34.943 ng/ul#	83
69) Hexachlorobenzene	16.610	284	613514	34.182 ng/ul#	88
70) Atrazine	16.769	200	551906	33.798 ng/ul	94
71) Pentachlorophenol	16.957	266	332690	32.361 ng/ul	99
72) Phenanthrene	17.351	178	2894867	35.494 ng/ul	99
74) Anthracene	17.439	178	2922601	36.052 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	805508	35.103 ng/uL	99
76) Pentachlorobenzene	14.881	250	731217	32.919 ng/uL	100
77) Carbazole	17.710	167	2645239	36.715 ng/ul	97
78) Di-n-butylphthalate	18.263	149	2982530	36.525 ng/ul	98
80) Fluoranthene	19.316	202	3392924	35.891 ng/ul#	93
82) Pyrene	19.669	202	3517323	36.274 ng/ul#	92
83) Butylbenzylphthalate	20.539	149	1285025	38.059 ng/ul#	88
84) 3,3'-Dichlorobenzidine	21.304	252	1090598	32.384 ng/ul	99
85) Benzo(a)anthracene	21.375	228	3341061	35.357 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	1955581	38.851 ng/ul#	94
87) Chrysene	21.427	228	3274122	35.014 ng/ul	100
89) Di-n-octyl phthalate	22.233	149	3311378	40.390 ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	3474619	37.434 ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	3306379	38.055 ng/ul	98
93) Benzo(a)pyrene	23.716	252	3073158	34.411 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.374	276	3834042	37.008 ng/ul	98
95) Dibenzo(a,h)anthracene	26.392	278	3242830	36.178 ng/ul	97
96) Benzo(g,h,i)perylene	27.157	276	3171667	35.696 ng/ul	95

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