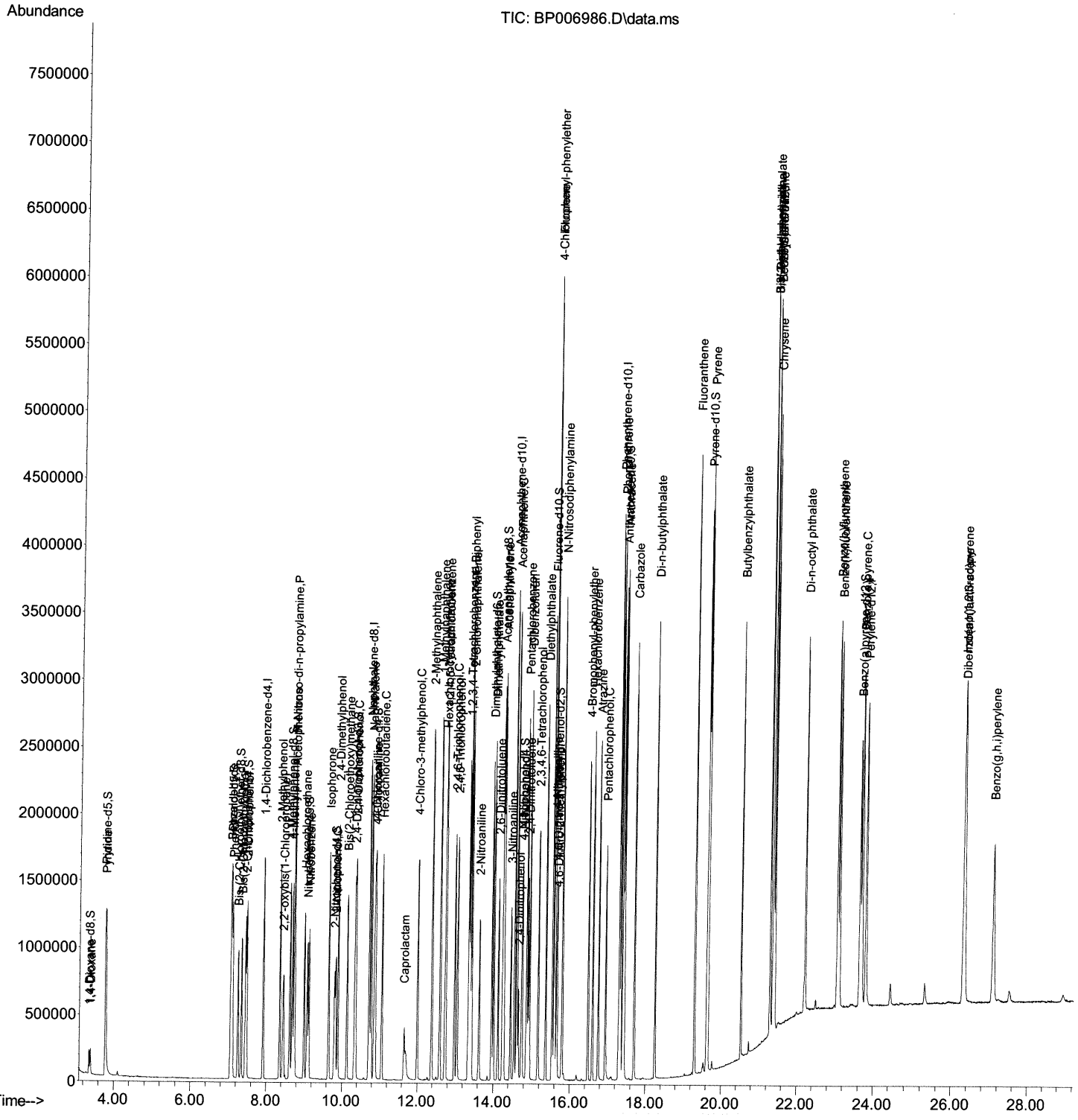
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
Data File : BP006986.D
Acq On : 15 Sep 2021 21:55
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 01:02:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 15 17:01:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
9/16/2021 11:44:17 AM



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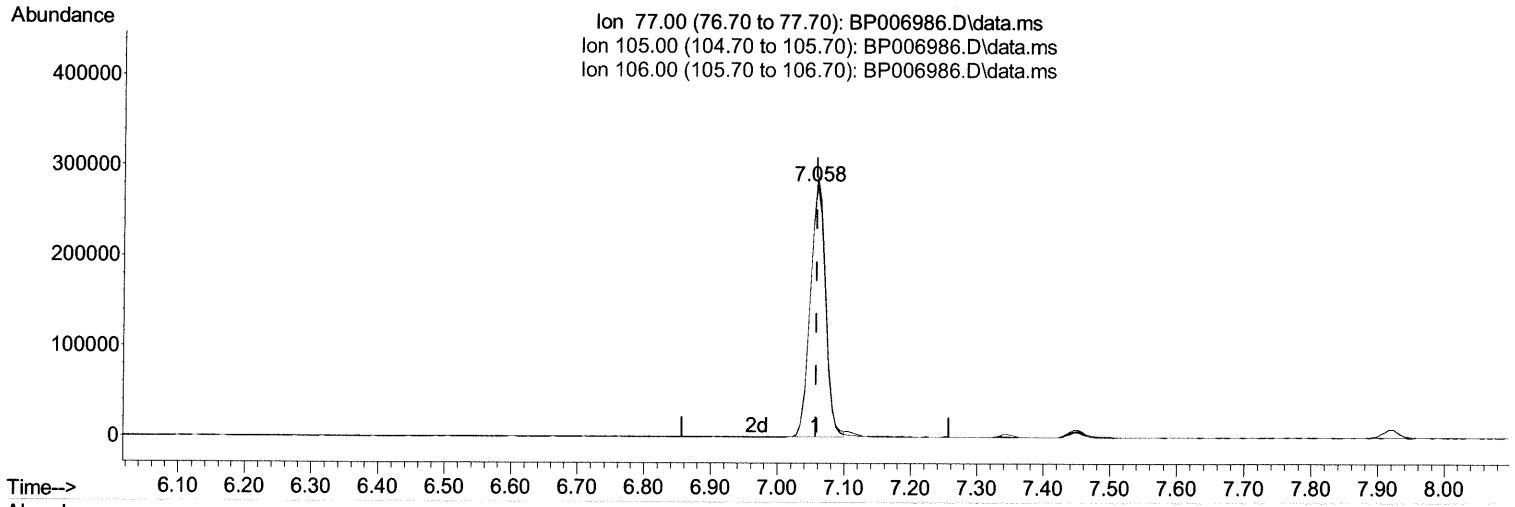

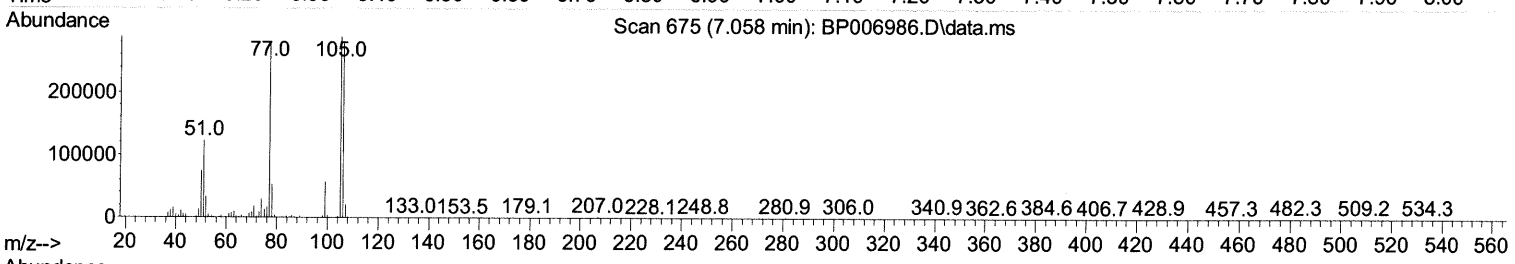

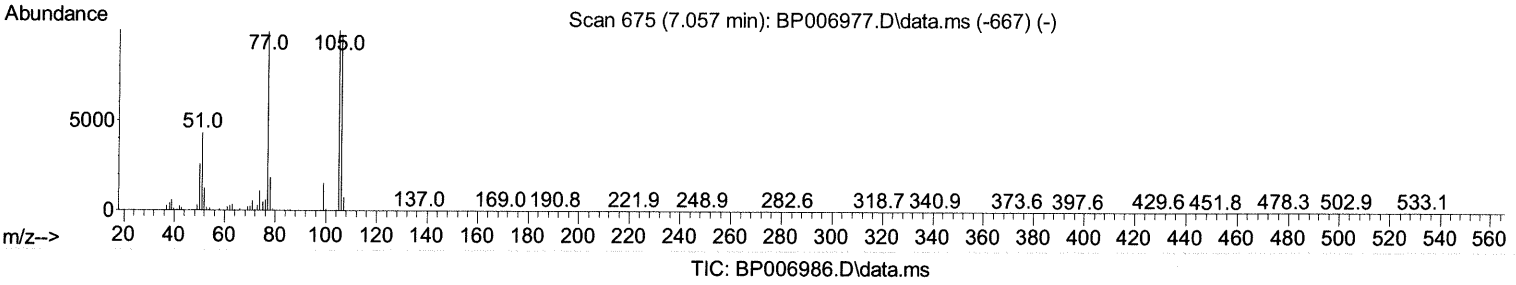

TIC: BP006986.D\data.ms

(6) Benzaldehyde

7.058min (+ 0.000) 19.74 ng/ul

response 442876

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	103.44
106.00	87.90	99.70
0.00	0.00	0.00

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Manual Integrations APPROVED
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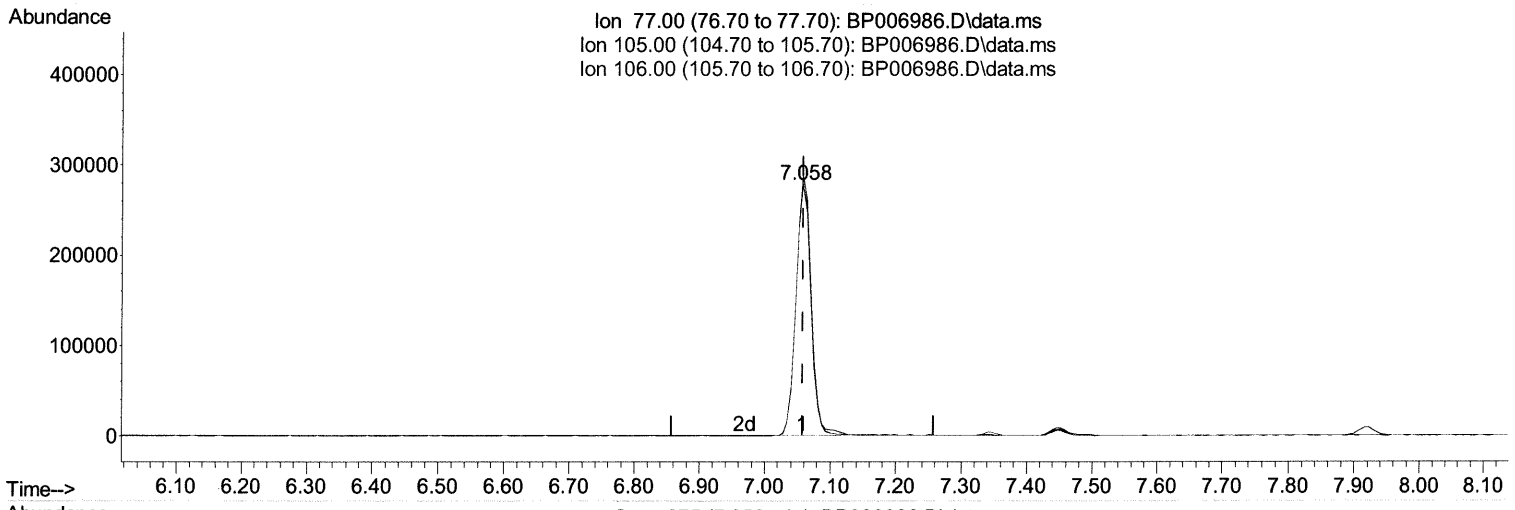
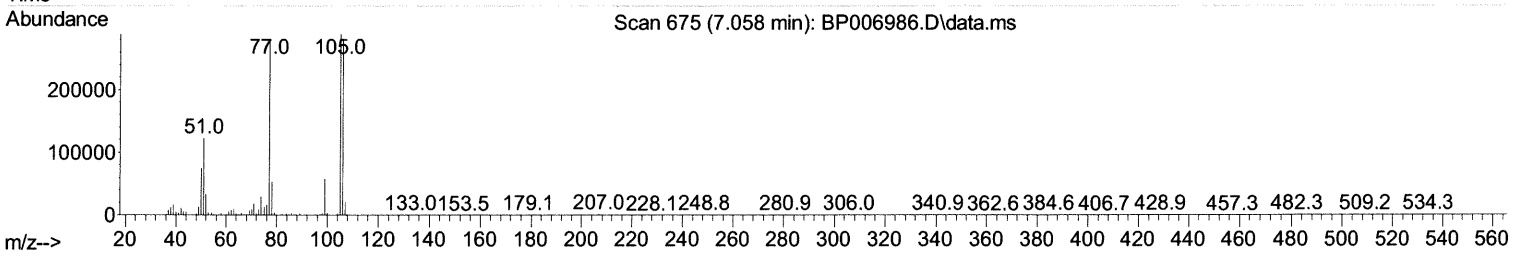
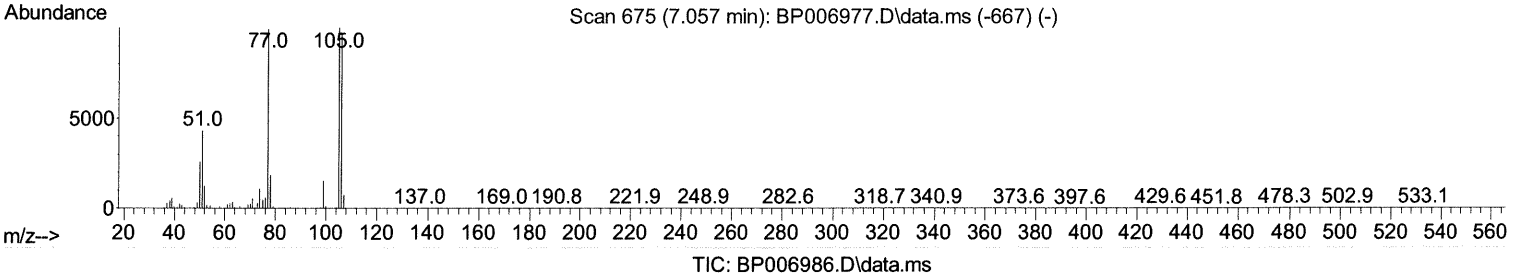
9/16/2021 11:44:17 AM







TIC: BP006986.D\data.ms

(6) Benzaldehyde

7.058min (+ 0.000) 20.07 ng/ul m 09/17/21 JU

response 450111

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	103.44
106.00	87.90	99.70
0.00	0.00	0.00

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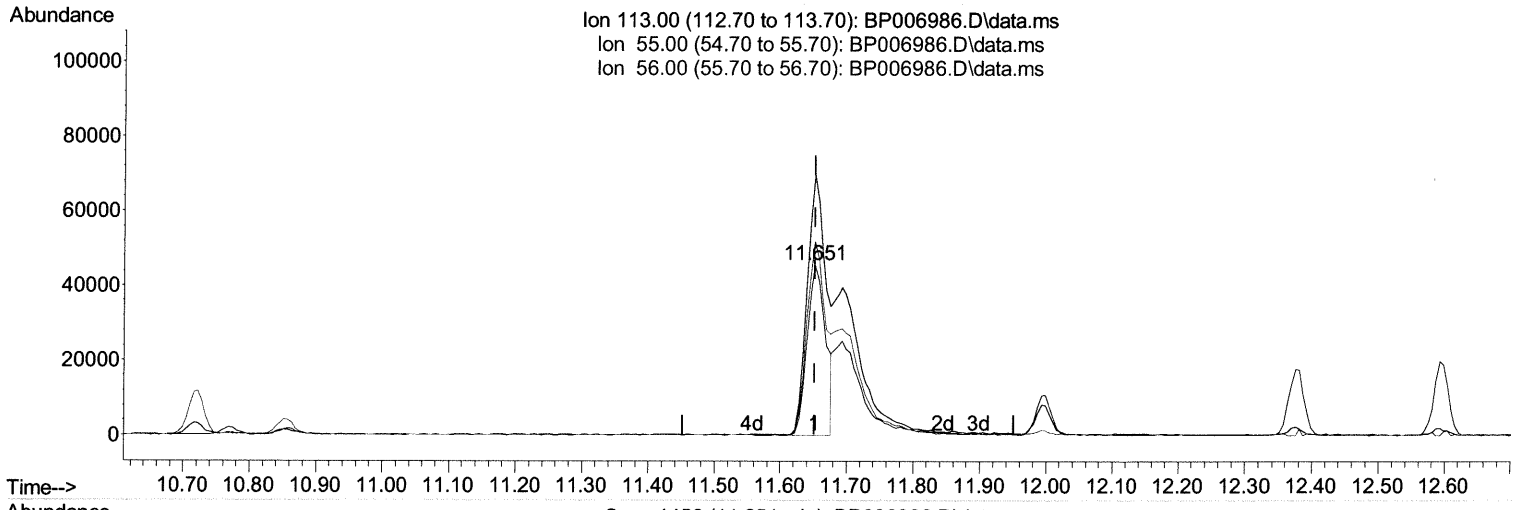

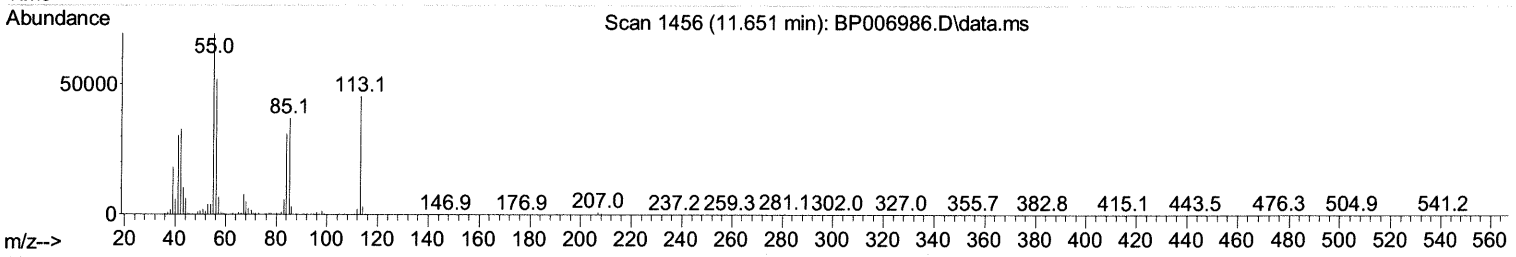

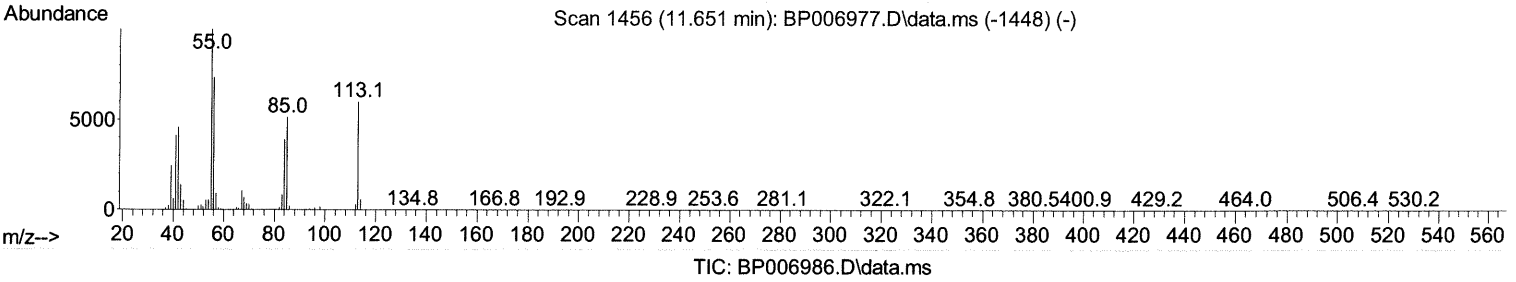

TIC: BP006986.D\data.ms

(34) Caprolactam

11.651min (+ 0.000) 10.46 ng/ul

response 86747

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	152.55
56.00	122.70	113.66
0.00	0.00	0.00

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Manual Integrations APPROVED
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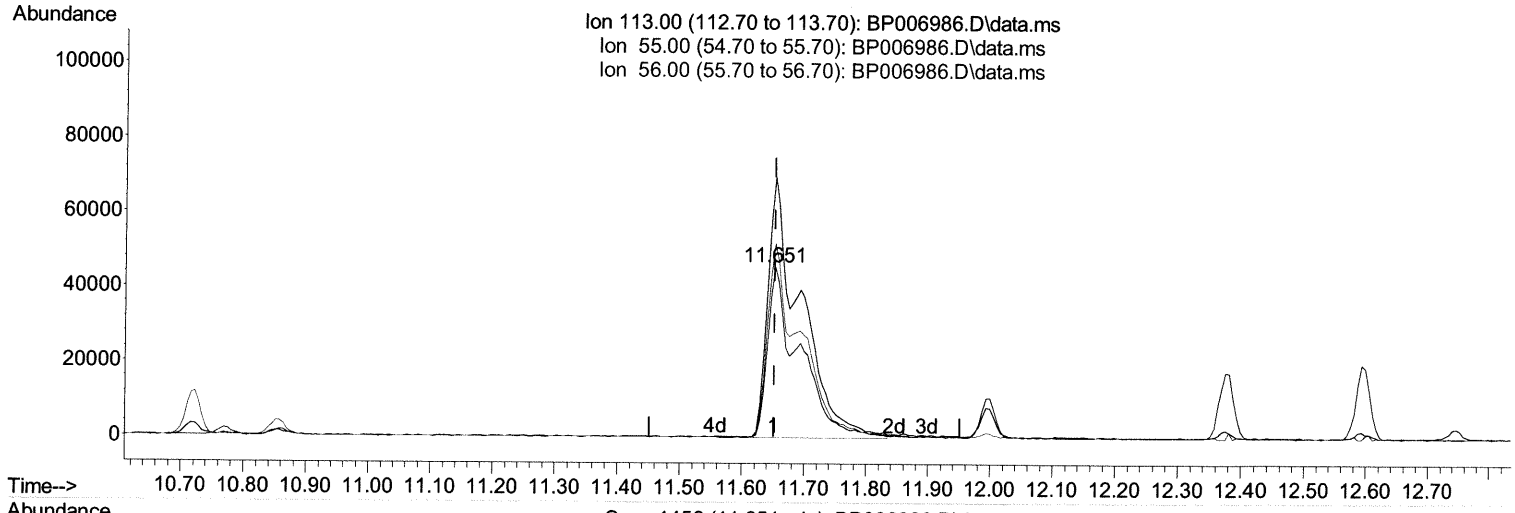

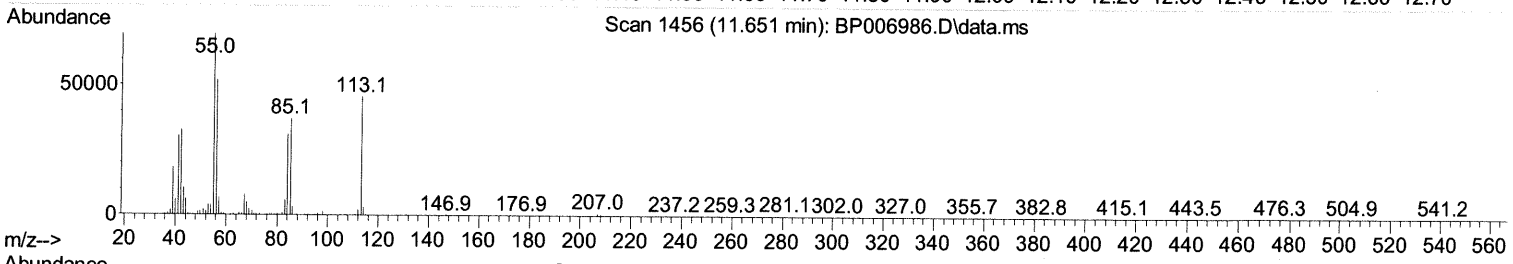

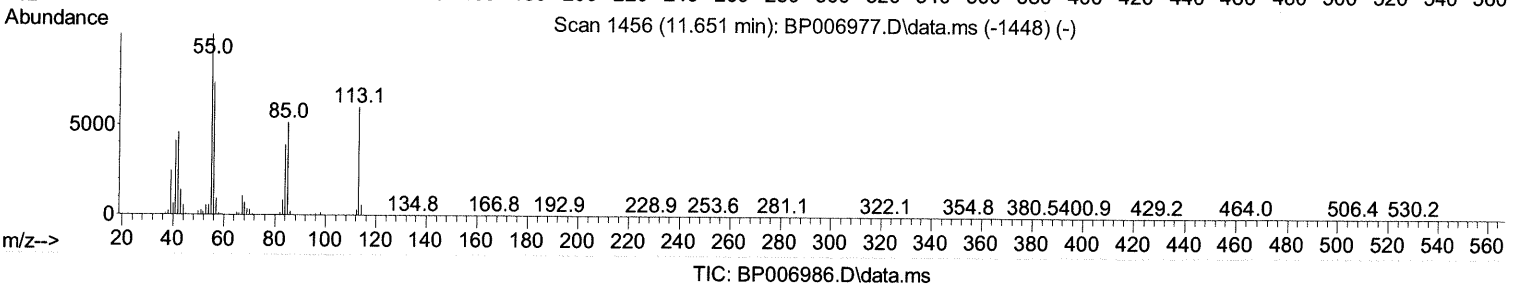

TIC: BP006986.D\data.ms

(34) Caprolactam

11.651min (+ 0.000) 19.56 ng/ul m 09/17/21 JU

response 162287

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	152.55
56.00	122.70	113.66
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	7.922	152	478982	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1998690	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	1269228	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	2473146	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.369	240	2014564	20.000	ng/ul	-0.01
88) Perylene-d12	23.792	264	1673989	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	89684	7.451	ng/uL	0.00
4) Pyridine-d5	3.769	84	600359	19.141	ng/ul	0.00
7) Phenol-d5	7.075	99	707431	20.095	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	408597	20.209	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	583398	20.528	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	563823	20.395	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	262525	21.685	ng/ul	0.00
24) 2-Nitrophenol-d4	9.799	143	278057	23.329	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	583504	20.762	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	778622	20.034	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1614258	19.637	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	2089691	20.071	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	277589	19.437	ng/ul	0.00
60) Fluorene-d10	15.539	176	1388070	19.132	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	226057	20.662	ng/ul	0.00
73) Anthracene-d10	17.392	188	2045324	19.976	ng/ul	0.00
81) Pyrene-d10	19.622	212	2096044	22.216	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	1597055	19.776	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	100050	7.470	ng/uL	92
5) Pyridine	3.787	79	600450	19.084	ng/ul	89
6) Benzaldehyde	7.058	77	450111m	> 20.065	ng/ul	> 09/17/21JU
8) Phenol	7.105	94	732358	20.125	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.340	93	593490	20.371	ng/ul	98
12) 2-Chlorophenol	7.481	128	590394	20.249	ng/ul	93
13) 2-Methylphenol	8.357	108	552566	19.995	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.452	45	699692	20.792	ng/ul	98
16) Acetophenone	8.746	105	888143	20.949	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.734	70	423033	21.416	ng/ul#	97
18) 4-Methylphenol	8.687	108	613642	20.703	ng/ul	100
19) Hexachloroethane	9.005	117	236965	19.958	ng/ul#	80
22) Nitrobenzene	9.122	77	616975	21.060	ng/ul#	87
23) Isophorone	9.652	82	1203809	20.690	ng/ul#	94
25) 2-Nitrophenol	9.834	139	312398	23.450	ng/ul#	85
26) 2,4-Dimethylphenol	9.893	107	651982	20.201	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.134	93	786803	20.428	ng/ul	98
29) 2,4-Dichlorophenol	10.363	162	576851	20.726	ng/ul	95
30) Naphthalene	10.769	128	1902646	19.625	ng/ul	100
32) 4-Chloroaniline	10.881	127	794634	20.074	ng/ul	100
33) Hexachlorobutadiene	11.063	225	371897	19.369	ng/ul	98
34) Caprolactam	11.651	113	162287m	> 19.562	ng/ul	> 09/17/21JU
35) 4-Chloro-3-methylphenol	11.998	107	575772	20.396	ng/ul#	88

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	1297260	19.957 ng/ul	97
37) 1-Methylnaphthalene	12.593	142	1322090	19.939 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	718273	19.763 ng/ul#	93
40) Hexachlorocyclopentadiene	12.728	237	447228	19.067 ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	445934	21.199 ng/ul	99
42) 2,4,5-Trichlorophenol	13.045	196	482336	20.568 ng/ul	96
43) 1,1'-Biphenyl	13.381	154	1763356	19.954 ng/ul#	97
44) 2-Chloronaphthalene	13.422	162	1347791	19.782 ng/ul	92
45) 2-Nitroaniline	13.622	65	314422	22.705 ng/ul#	81
47) Dimethylphthalate	14.004	163	1618970	19.527 ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	304288	21.976 ng/ul#	76
50) Acenaphthylene	14.269	152	2166980	20.060 ng/ul	100
51) 3-Nitroaniline	14.445	138	325960	20.536 ng/ul	82
52) Acenaphthene	14.610	153	1399820	19.570 ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	149783	19.256 ng/ul#	70
55) 4-Nitrophenol	14.745	109	203512	19.387 ng/ul#	84
56) Dibenzofuran	14.945	168	2004921	19.423 ng/ul	86
57) 2,4-Dinitrotoluene	14.904	165	425406	21.499 ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.169	232	378922	20.053 ng/ul#	76
59) Diethylphthalate	15.369	149	1550158	19.203 ng/ul#	94
61) Fluorene	15.592	166	1598548	19.430 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.586	204	821565	19.589 ng/ul#	79
63) 4-Nitroaniline	15.610	138	316464	19.970 ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.669	198	234634	21.064 ng/ul#	74
67) N-Nitrosodiphenylamine	15.798	169	1352734	20.768 ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	469108	20.063 ng/ul#	84
69) Hexachlorobenzene	16.598	284	528241	19.483 ng/ul#	86
70) Atrazine	16.757	200	473435	19.193 ng/ul	94
71) Pentachlorophenol	16.939	266	299636	19.295 ng/ul	98
72) Phenanthrene	17.333	178	2423790	19.674 ng/ul	99
74) Anthracene	17.428	178	2436278	19.895 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.345	216	740817	21.372 ng/uL	99
76) Pentachlorobenzene	14.863	250	695546	20.730 ng/uL	99
77) Carbazole	17.692	167	2102246	19.316 ng/ul	97
78) Di-n-butylphthalate	18.251	149	2391323	19.387 ng/ul	99
80) Fluoranthene	19.298	202	2632582	22.435 ng/ul#	93
82) Pyrene	19.651	202	2697400	22.411 ng/ul#	92
83) Butylbenzylphthalate	20.522	149	886061	21.142 ng/ul#	88
84) 3,3'-Dichlorobenzidine	21.286	252	736521	17.619 ng/ul	97
85) Benzo(a)anthracene	21.357	228	2302453	19.630 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1278484	20.462 ng/ul#	94
87) Chrysene	21.410	228	2256634	19.442 ng/ul	99
89) Di-n-octyl phthalate	22.210	149	1900816	21.971 ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2030557	20.731 ng/ul	97
91) Benzo(k)fluoranthene	23.098	252	1931652	21.068 ng/ul	97
93) Benzo(a)pyrene	23.680	252	1901936	20.181 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.321	276	1911204	17.482 ng/ul	97
95) Dibenzo(a,h)anthracene	26.339	278	1661936	17.570 ng/ul	97
96) Benzo(g,h,i)perylene	27.098	276	1571849	16.764 ng/ul	96

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