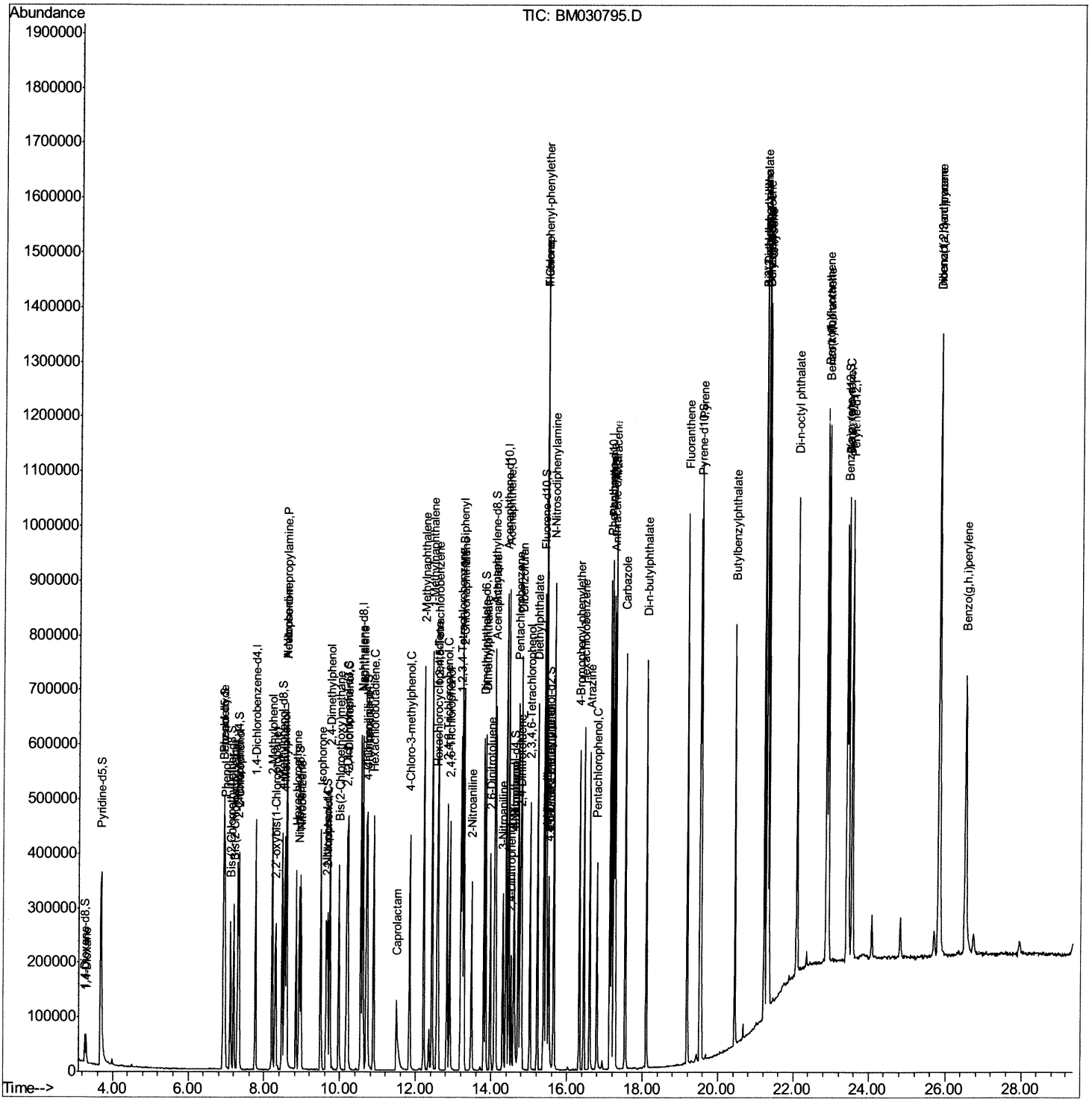
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030795.D
Acq On : 03 Jul 2021 04:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 03 06:49:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 02 18:01:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
7/6/2021 9:25:30 AM



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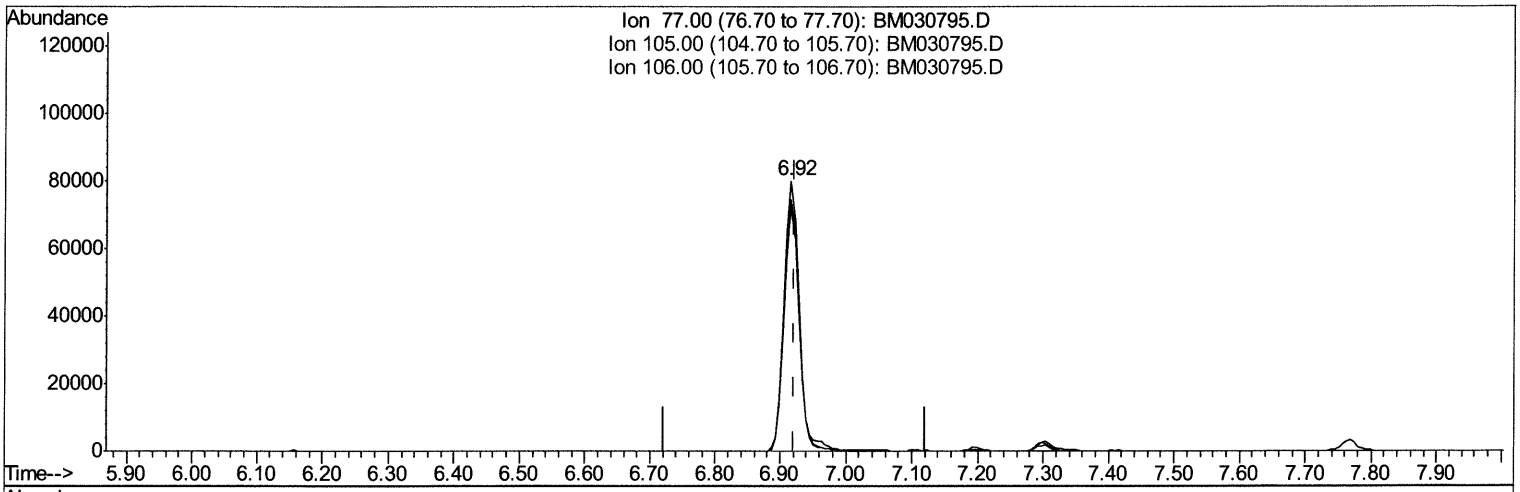

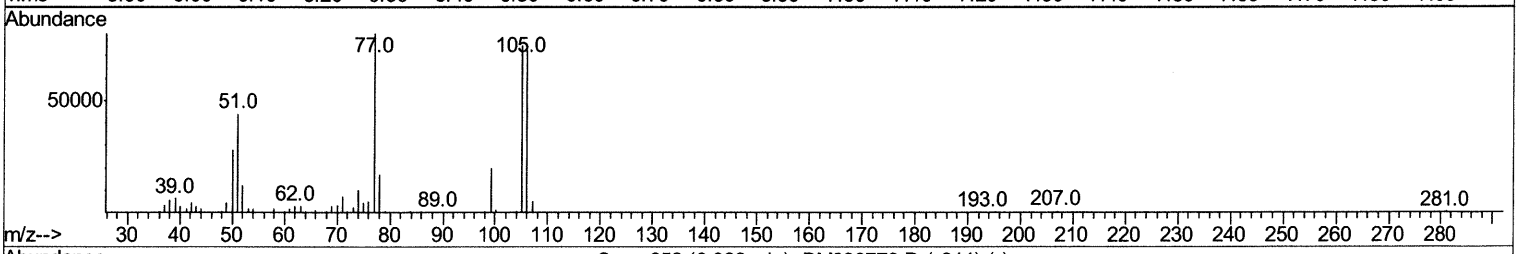

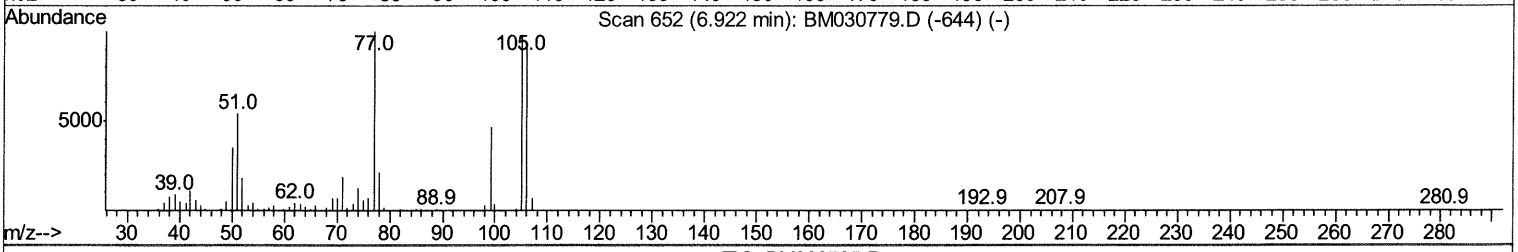

TIC: BM030795.D

(6) Benzaldehyde

6.916min (-0.006) 25.99ng/ul

response 129272

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	93.31
106.00	93.70	90.12
0.00	0.00	0.00

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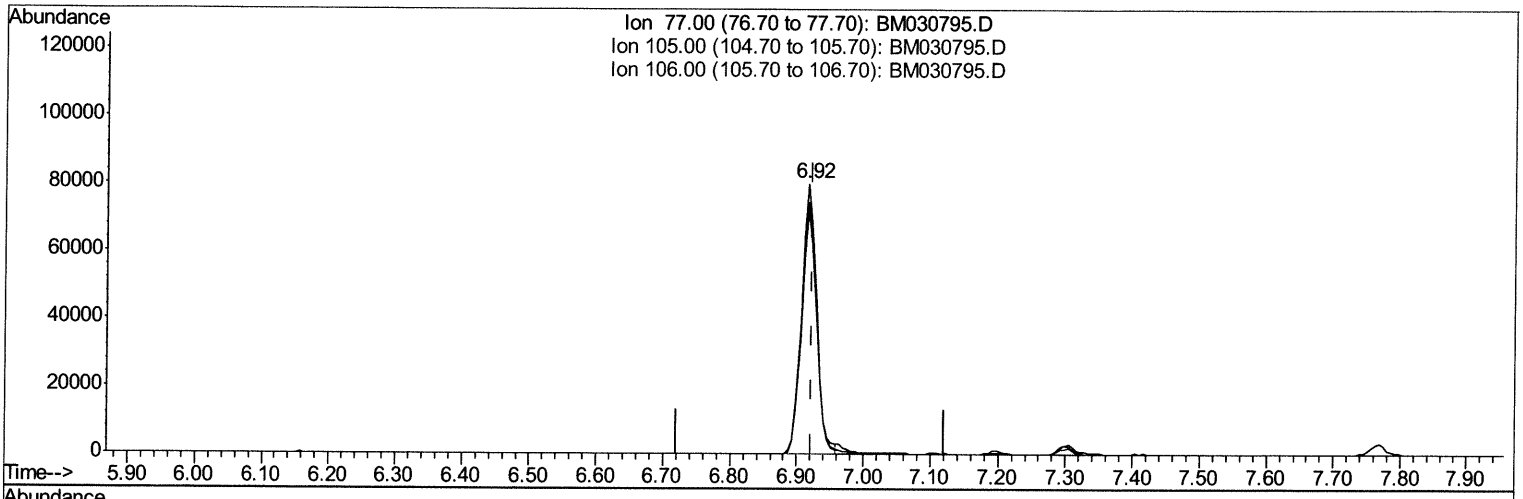

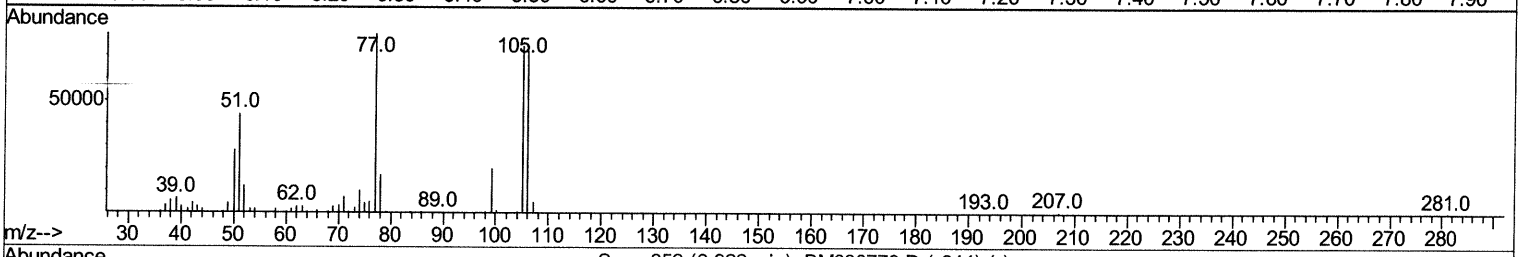

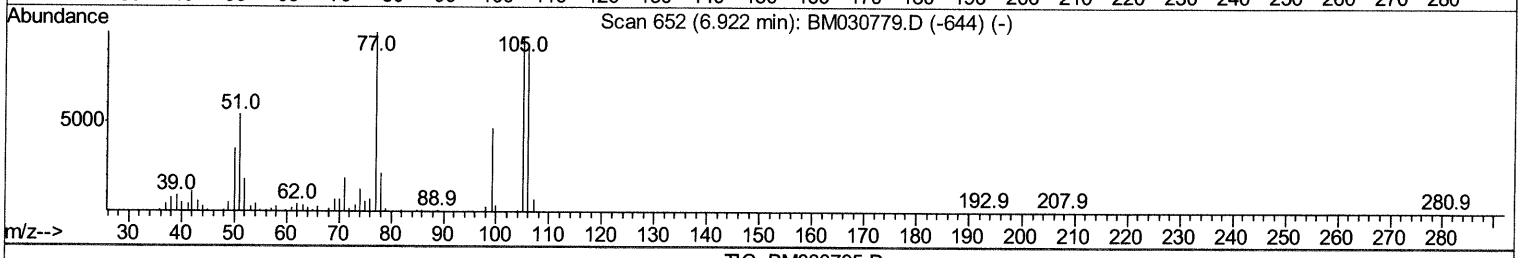

TIC: BM030795.D

(6) Benzaldehyde

6.916min (-0.006) 25.39ng/ul m

response 126257

7/7/21

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	93.31
106.00	93.70	90.12
0.00	0.00	0.00

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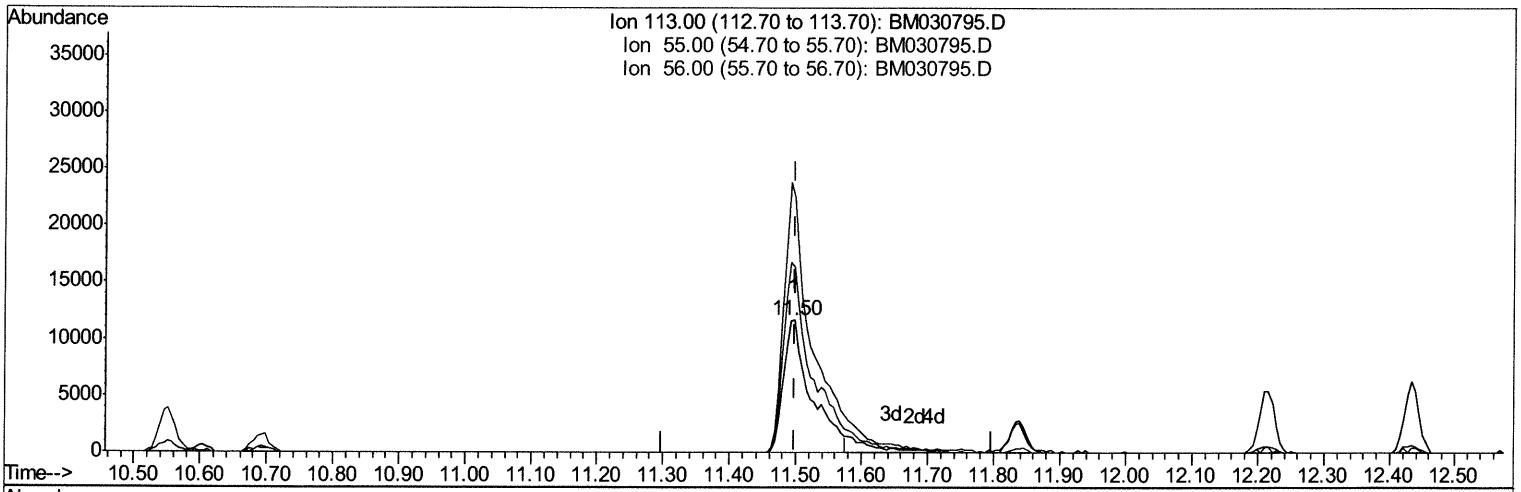

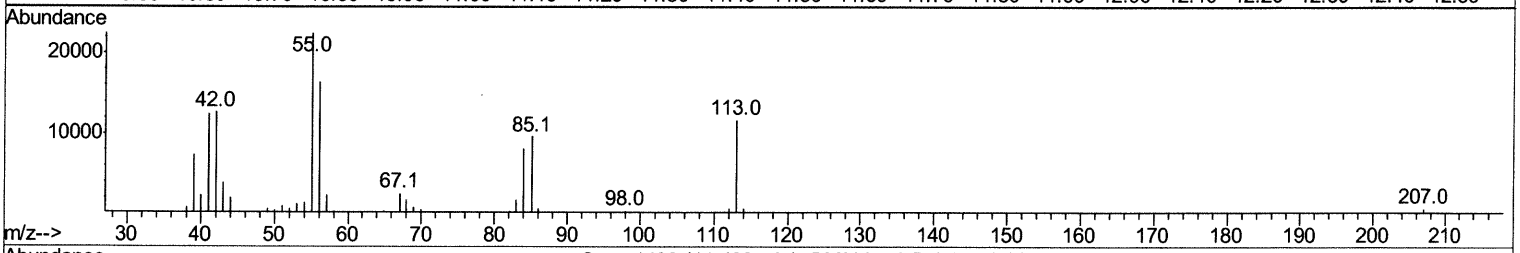

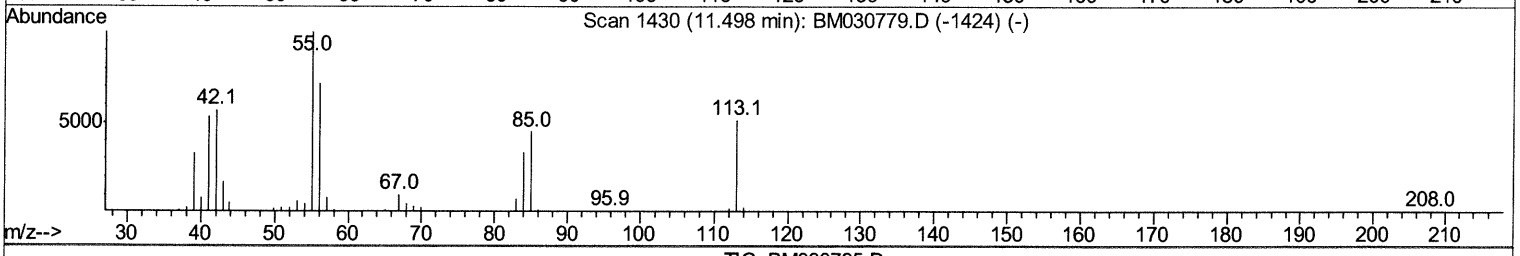

TIC: BM030795.D

(34) Caprolactam

11.498min (-0.000) 15.92ng/ul

response 33817

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	192.49
56.00	127.40	140.11
0.00	0.00	0.00

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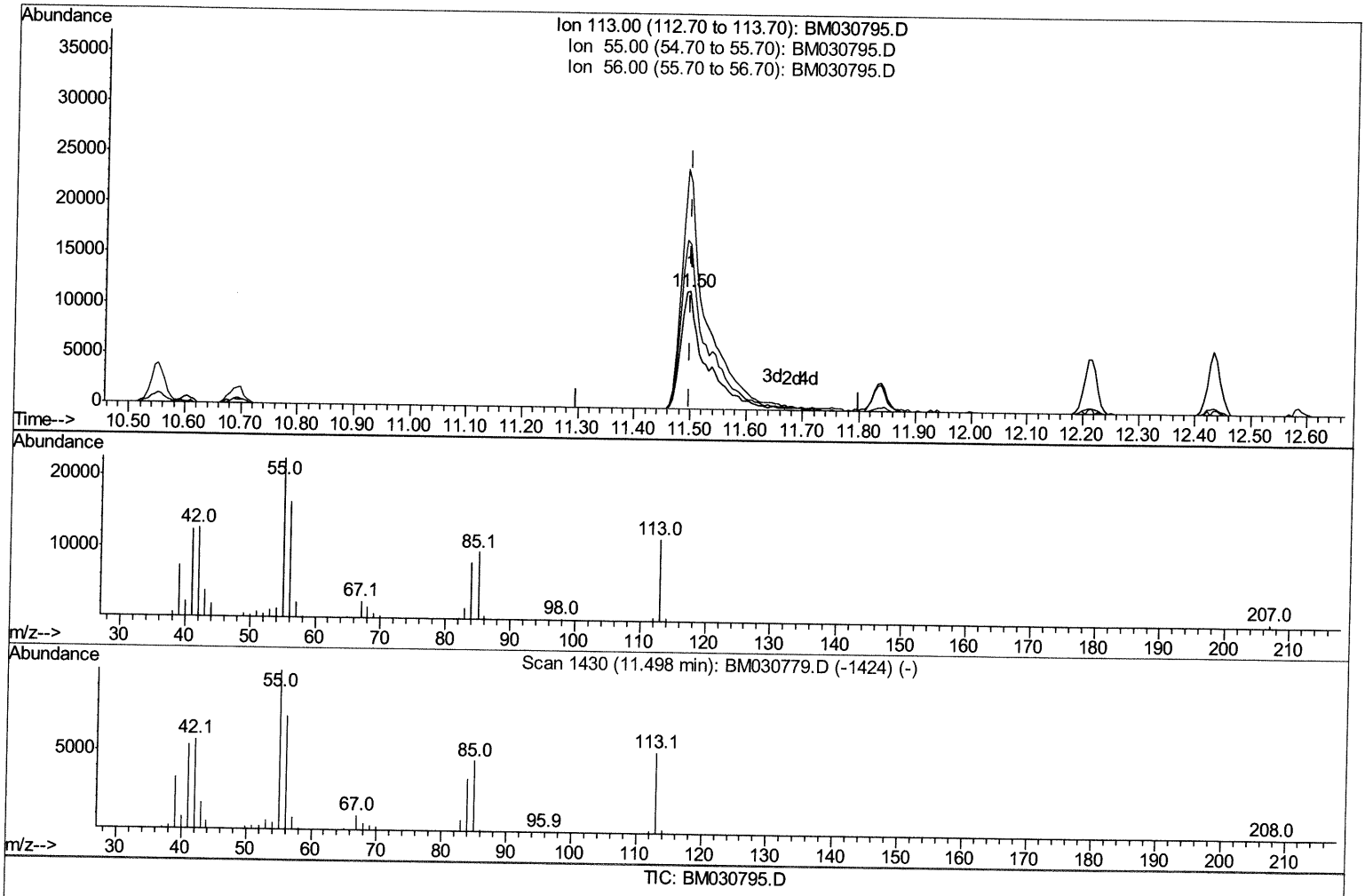

TIC: BM030795.D

(34) Caprolactam

11.498min (-0.000) 17.46ng/ul m

response 37092

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	192.49
56.00	127.40	140.11
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	118606	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	480897	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	287638	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	521110	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	501550	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	553633	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	23757	8.12	ng/uL	0.00
4) Pyridine-d5	3.67	84	149898	19.07	ng/ul	0.00
7) Phenol-d5	6.93	99	194775	19.04	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	123899	19.27	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	158086	20.02	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	152844	19.20	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	72357	20.16	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	78485	19.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	152355	19.94	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	199434	18.72	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	391496	19.71	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	512091	19.86	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	60201	16.00	ng/ul	0.00
60) Fluorene-d10	15.39	176	343135	19.48	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	51866	15.21	ng/ul	0.00
73) Anthracene-d10	17.23	188	481642	19.80	ng/ul	0.00
81) Pyrene-d10	19.52	212	487766	18.56	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	560831	19.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	24152	7.762	ng/uL	99
5) Pyridine	3.69	79	162248	19.175	ng/ul	97
6) Benzaldehyde	6.92	77	126257m	25.385	ng/ul	97
8) Phenol	6.96	94	199637	19.302	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.20	93	153896	18.879	ng/ul	99
12) 2-Chlorophenol	7.33	128	157970	19.854	ng/ul	97
13) 2-Methylphenol	8.20	108	142334	18.991	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.30	45	254990	19.733	ng/ul	99
16) Acetophenone	8.59	105	233845	19.023	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.57	70	122332	20.119	ng/ul	97
18) 4-Methylphenol	8.53	108	155014	18.992	ng/ul	94
19) Hexachloroethane	8.84	117	65342	19.599	ng/ul	98
22) Nitrobenzene	8.96	77	186444	20.595	ng/ul	97
23) Isophorone	9.49	82	309659	19.753	ng/ul	99
25) 2-Nitrophenol	9.67	139	83733	19.774	ng/ul	98
26) 2,4-Dimethylphenol	9.73	107	174110	20.343	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.97	93	199065	19.518	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	147381	20.137	ng/ul	99
30) Naphthalene	10.60	128	480720	19.744	ng/ul	100
32) 4-Chloroaniline	10.72	127	199756	18.887	ng/ul	100
33) Hexachlorobutadiene	10.89	225	97103	19.622	ng/ul	100
34) Caprolactam	11.50	113	37092m	17.461	ng/ul	

JU 7/7/21

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LabSampleId :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.84	107	142601	19.843 ng/ul	99
36) 2-Methylnaphthalene	12.22	142	337388	19.857 ng/ul	100
37) 1-Methylnaphthalene	12.43	142	340123	19.776 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	177347	19.763 ng/ul	100
40) Hexachlorocyclopentadiene	12.56	237	108235	18.483 ng/ul	97
41) 2,4,6-Trichlorophenol	12.83	196	110951	19.632 ng/ul	98
42) 2,4,5-Trichlorophenol	12.90	196	117750	19.522 ng/ul	99
43) 1,1'-Biphenyl	13.23	154	426279	20.080 ng/ul	100
44) 2-Chloronaphthalene	13.27	162	331574	19.867 ng/ul	99
45) 2-Nitroaniline	13.48	65	92156	20.547 ng/ul	98
47) Dimethylphthalate	13.86	163	380883	19.573 ng/ul	100
48) 2,6-Dinitrotoluene	13.98	165	76372	20.369 ng/ul	94
50) Acenaphthylene	14.12	152	474819	19.856 ng/ul	99
51) 3-Nitroaniline	14.31	138	74423	18.633 ng/ul	99
52) Acenaphthene	14.46	153	344744	19.865 ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	45148	18.317 ng/ul	99
55) 4-Nitrophenol	14.62	109	50785	16.871 ng/ul	99
56) Dibenzofuran	14.80	168	474098	19.596 ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	103286	19.674 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.02	232	93216	19.091 ng/ul#	98
59) Diethylphthalate	15.22	149	369286	19.755 ng/ul	99
61) Fluorene	15.44	166	385868	19.352 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.44	204	192065	19.342 ng/ul	99
63) 4-Nitroaniline	15.47	138	73459	19.314 ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.53	198	50559	15.239 ng/ul	97
67) N-Nitrosodiphenylamine	15.65	169	312683	20.133 ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	107436	20.205 ng/ul	99
69) Hexachlorobenzene	16.44	284	123332	20.053 ng/ul	98
70) Atrazine	16.60	200	102947	18.688 ng/ul	98
71) Pentachlorophenol	16.79	266	65862	17.089 ng/ul	97
72) Phenanthrene	17.18	178	553161	19.767 ng/ul	100
74) Anthracene	17.27	178	567676	19.840 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	173629	20.890 ng/uL	99
76) Pentachlorobenzene	14.72	250	162019	20.464 ng/uL	98
77) Carbazole	17.54	167	475899	18.548 ng/ul	99
78) Di-n-butylphthalate	18.10	149	531769	20.340 ng/ul	100
80) Fluoranthene	19.19	202	593931	18.505 ng/ul	99
82) Pyrene	19.55	202	630570	18.697 ng/ul	100
83) Butylbenzylphthalate	20.44	149	208447	18.777 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.22	252	186421	18.856 ng/ul	97
85) Benzo(a)anthracene	21.29	228	619035	19.888 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.21	149	291529	18.258 ng/ul	99
87) Chrysene	21.34	228	598565	19.727 ng/ul	99
89) Di-n-octyl phthalate	22.09	149	508935	15.980 ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	694937	19.771 ng/ul	100
91) Benzo(k)fluoranthene	22.92	252	643846	19.060 ng/ul	99
93) Benzo(a)pyrene	23.45	252	616868	19.518 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.83	276	817230	20.540 ng/ul	98
95) Dibenzo(a,h)anthracene	25.83	278	683615	20.726 ng/ul	98
96) Benzo(g,h,i)perylene	26.52	276	671018	20.214 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
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