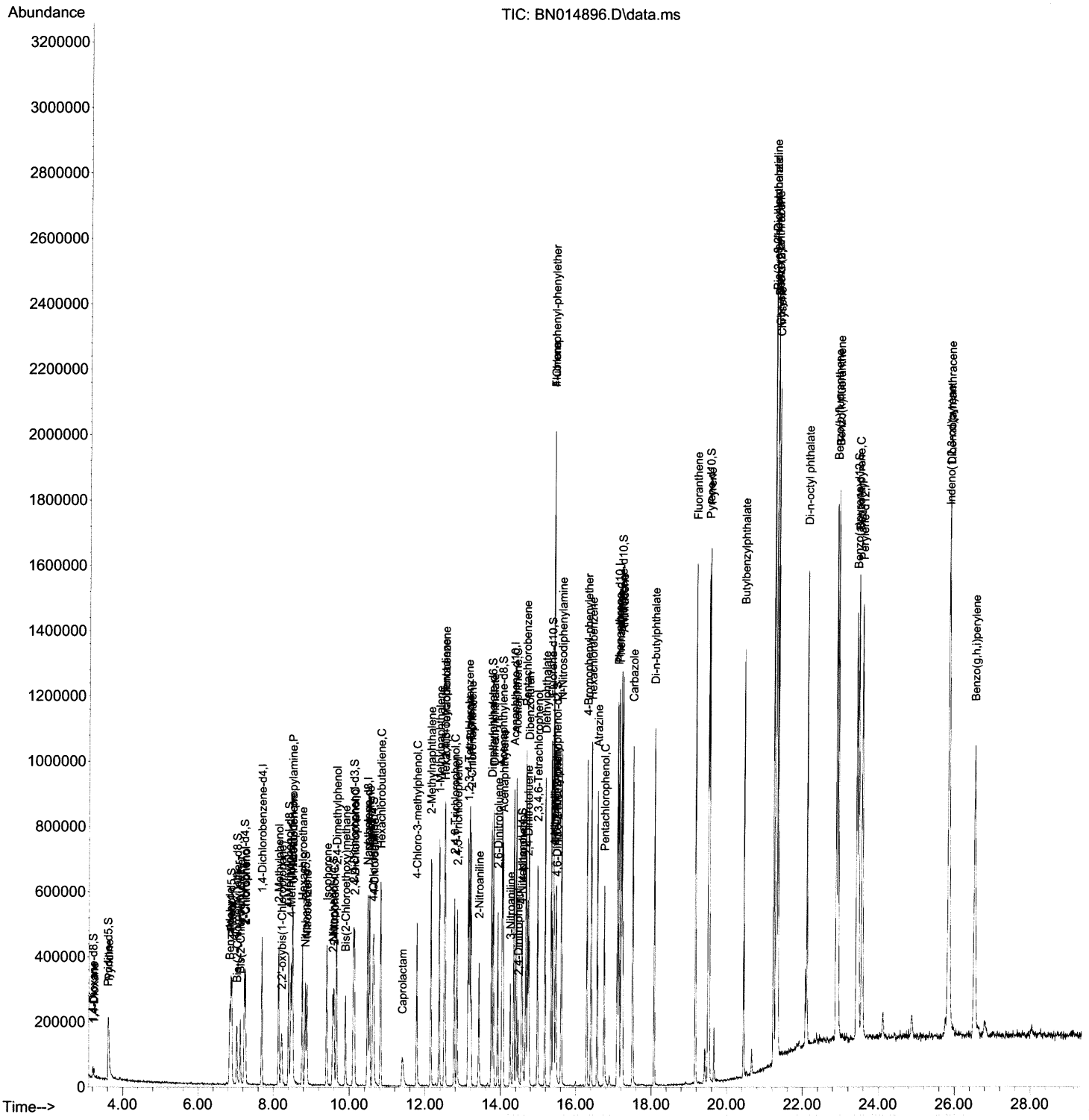
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014896.D
Acq On : 12 Jun 2021 17:44
Operator : CG/JU
Sample : SSTDCC020EC
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 02:40:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 02:36:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
6/15/2021 2:37:37 PM



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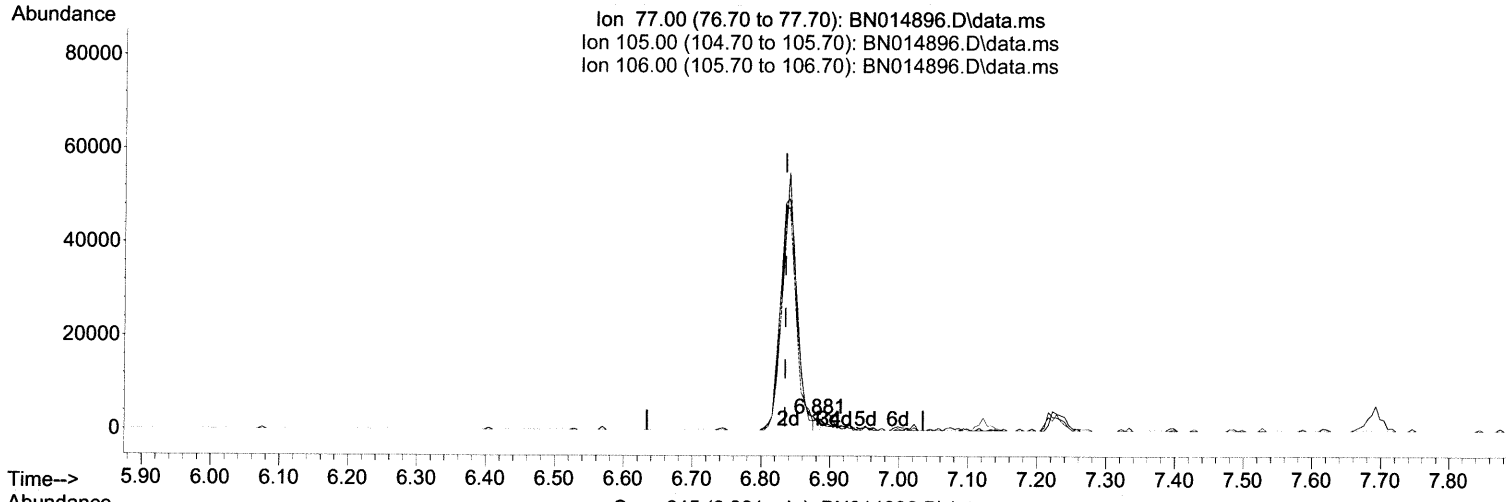

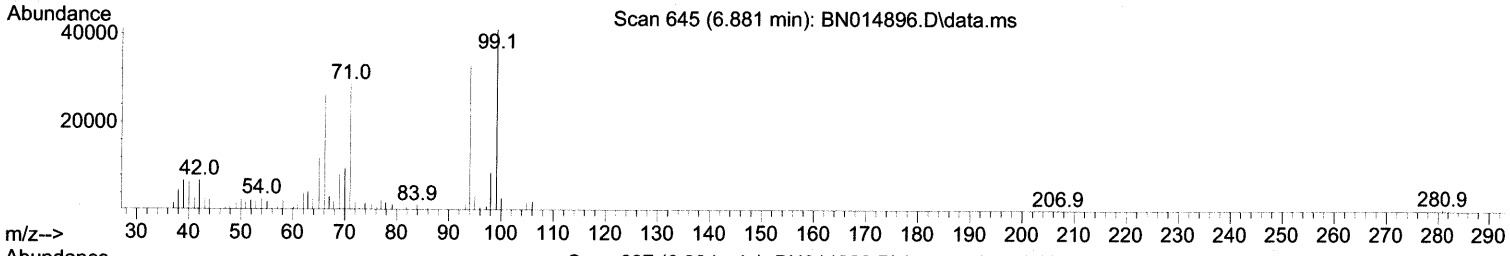

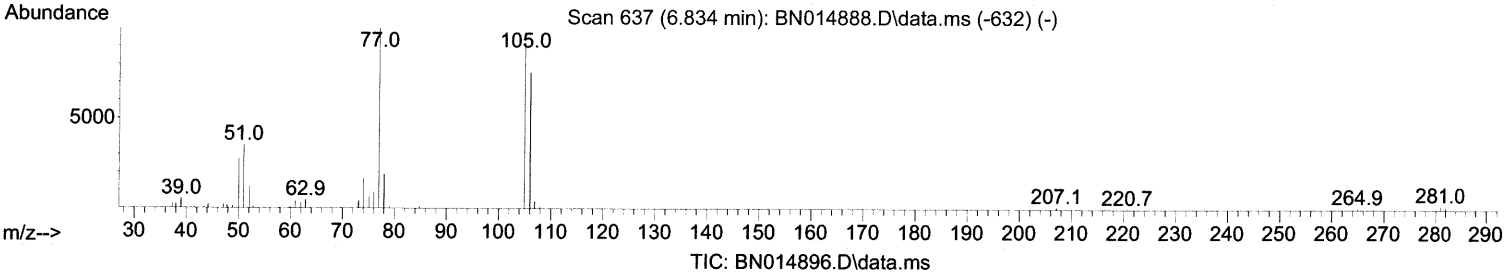

TIC: BN014896.D\data.ms

(6) Benzaldehyde

6.881min (+ 0.047) 0.46 ng/ul

response 1721

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.30	72.33
106.00	87.80	82.71
0.00	0.00	0.00

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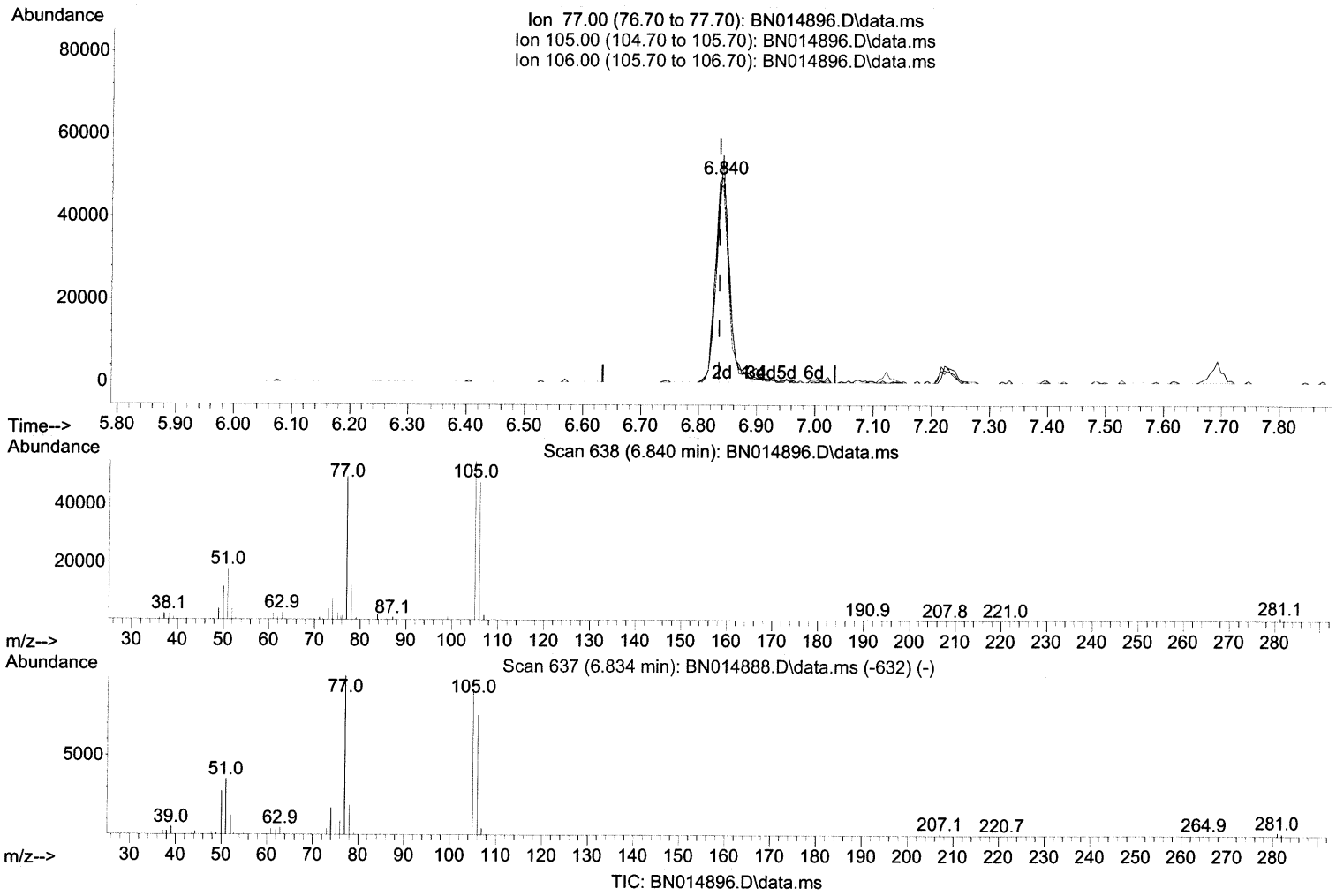

TIC: BN014896.D\data.ms

(6) Benzaldehyde

6.840min (+ 0.006) 22.78 ng/ul m 06/15/21 JU

response 86144

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.30	111.11#
106.00	87.80	96.19
0.00	0.00	0.00

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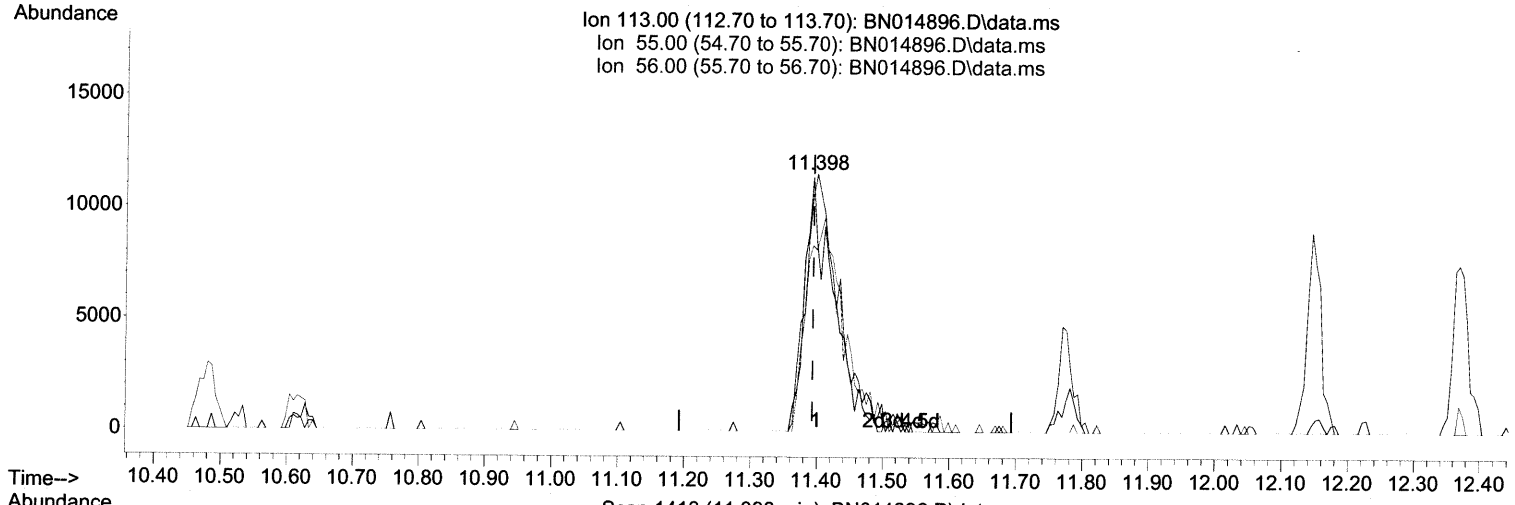

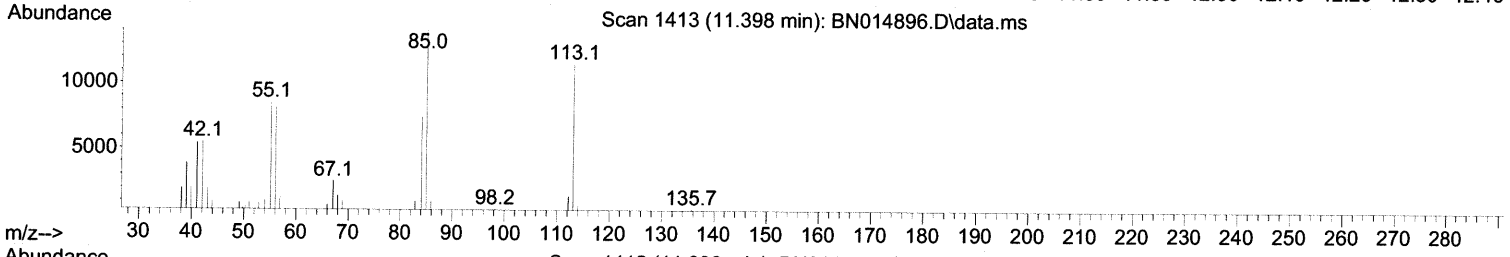

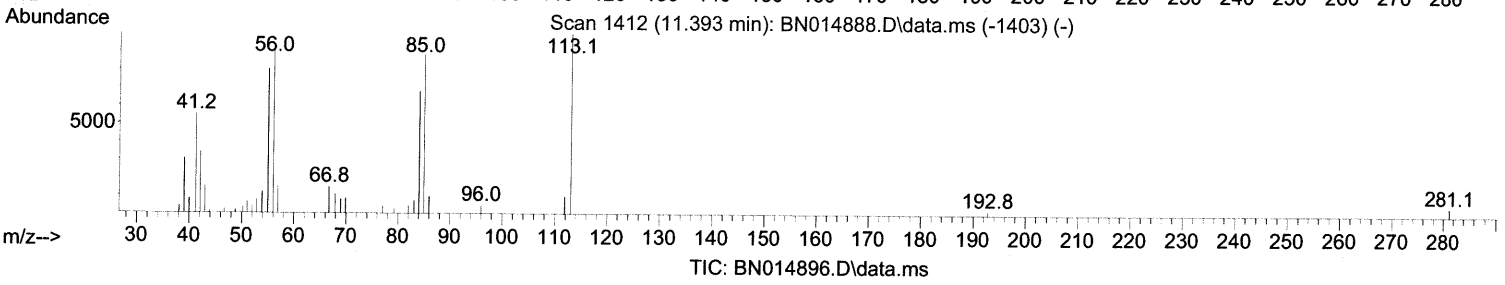

TIC: BN014896.D\data.ms

(34) Caprolactam

11.398min (+ 0.006) 14.67 ng/ul

response 30184

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	73.67#
56.00	73.20	70.73
0.00	0.00	0.00

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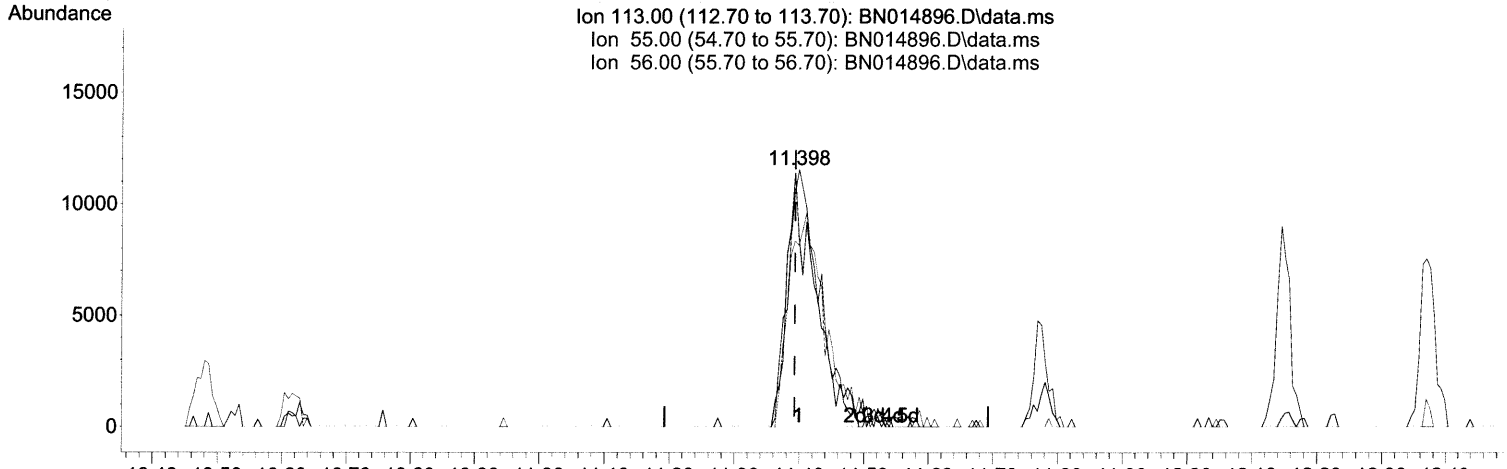

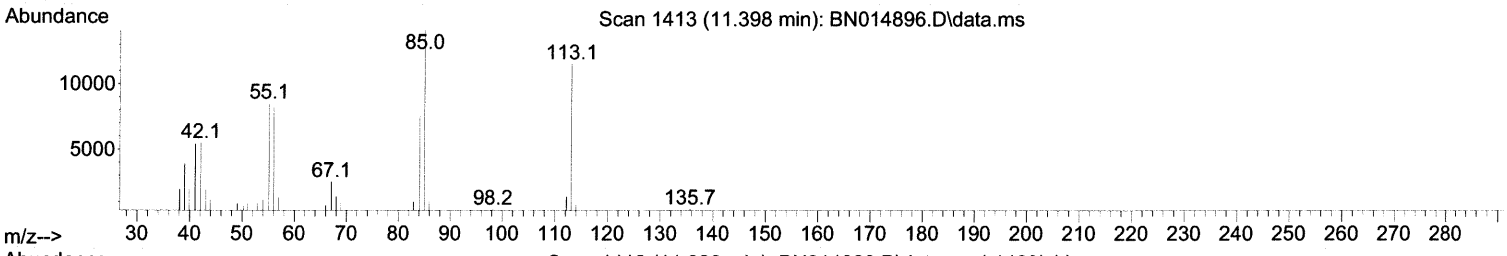

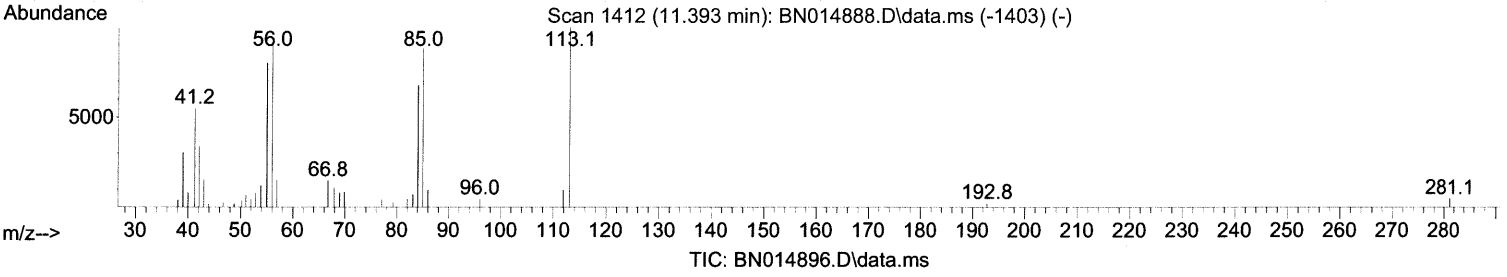

TIC: BN014896.D\data.ms

(34) Caprolactam

11.398min (+ 0.006) 18.90 ng/ul m 06/15/21 JU

response 38873

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	73.67#
56.00	73.20	70.73
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	7.693	152	100448	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	408876	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	298537	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	664336	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	853175	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	971719	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	15788	8.358	ng/uL	0.00
4) Pyridine-d5	3.605	84	91578	20.842	ng/ul	0.00
7) Phenol-d5	6.869	99	147764	19.639	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	74892	21.011	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	120879	20.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	126461	19.723	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	65787	21.442	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	68930	19.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	142289	20.311	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	163017	19.648	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	451568	19.027	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	532362	20.522	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	62010	18.600	ng/ul	0.00
60) Fluorene-d10	15.345	176	387733	20.027	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	77463	19.507	ng/ul	0.00
73) Anthracene-d10	17.198	188	626755	20.847	ng/ul	0.00
81) Pyrene-d10	19.504	212	787272	20.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	1008627	20.769	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	14837	7.042	ng/uL#	82
5) Pyridine	3.628	79	84013	18.434	ng/ul#	95
6) Benzaldehyde	6.840	77	86144m	> 22.781	ng/ul	> 06/15/21 JU
8) Phenol	6.898	94	155513	20.832	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.122	93	115517	20.506	ng/ul	93
12) 2-Chlorophenol	7.257	128	121731	19.862	ng/ul	93
13) 2-Methylphenol	8.140	108	117618	19.894	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.216	45	74287	20.268	ng/ul	95
16) Acetophenone	8.510	105	217602	21.090	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.498	70	101923	20.901	ng/ul#	91
18) 4-Methylphenol	8.463	108	129936	20.428	ng/ul	85
19) Hexachloroethane	8.763	117	64050	20.140	ng/ul#	90
22) Nitrobenzene	8.887	77	159897	19.538	ng/ul	99
23) Isophorone	9.410	82	289555	19.617	ng/ul#	95
25) 2-Nitrophenol	9.598	139	68912	19.558	ng/ul#	86
26) 2,4-Dimethylphenol	9.663	107	189490	19.998	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.898	93	157348	19.491	ng/ul#	96
29) 2,4-Dichlorophenol	10.134	162	137477	20.639	ng/ul	93
30) Naphthalene	10.528	128	410442	20.002	ng/ul#	94
32) 4-Chloroaniline	10.639	127	165473	20.199	ng/ul#	85
33) Hexachlorobutadiene	10.822	225	132384	20.149	ng/ul	91
34) Caprolactam	11.398	113	38873m	> 18.899	ng/ul	> 06/15/21 JU
35) 4-Chloro-3-methylphenol	11.775	107	179345	20.746	ng/ul	91
36) 2-Methylnaphthalene	12.145	142	292395	19.434	ng/ul	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	298563	19.655 ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.522	216	206476	19.902 ng/ul#	95
40) Hexachlorocyclopentadiene	12.510	237	146504	19.049 ng/ul#	98
41) 2,4,6-Trichlorophenol	12.769	196	122817	20.401 ng/ul	97
42) 2,4,5-Trichlorophenol	12.845	196	136025	20.544 ng/ul	92
43) 1,1'-Biphenyl	13.175	154	415788	20.275 ng/ul#	97
44) 2-Chloronaphthalene	13.210	162	319480	19.507 ng/ul	90
45) 2-Nitroaniline	13.422	65	92552	19.297 ng/ul#	89
47) Dimethylphthalate	13.804	163	451847	20.200 ng/ul	96
48) 2,6-Dinitrotoluene	13.922	165	89975	20.762 ng/ul	92
50) Acenaphthylene	14.069	152	482084	20.492 ng/ul	96
51) 3-Nitroaniline	14.251	138	61534	17.171 ng/ul	85
52) Acenaphthene	14.410	153	338250	19.355 ng/ul	95
53) 2,4-Dinitrophenol	14.463	184	41705	17.456 ng/ul#	86
55) 4-Nitrophenol	14.569	109	104278	18.747 ng/ul#	83
56) Dibenzofuran	14.745	168	503092	19.760 ng/ul#	85
57) 2,4-Dinitrotoluene	14.716	165	143125	21.325 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.975	232	119468	19.109 ng/ul#	89
59) Diethylphthalate	15.180	149	449542	19.776 ng/ul	98
61) Fluorene	15.398	166	405646	19.924 ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.398	204	230235	20.341 ng/ul#	86
63) 4-Nitroaniline	15.416	138	61974	17.564 ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.480	198	78299	20.201 ng/ul#	80
67) N-Nitrosodiphenylamine	15.610	169	366114	21.231 ng/ul	92
68) 4-Bromophenyl-phenylether	16.292	248	173312	21.718 ng/ul#	72
69) Hexachlorobenzene	16.410	284	213827	20.689 ng/ul	97
70) Atrazine	16.569	200	164752	21.119 ng/ul	97
71) Pentachlorophenol	16.757	266	103036	20.349 ng/ul	95
72) Phenanthrene	17.145	178	695130	20.907 ng/ul	97
74) Anthracene	17.233	178	710468	21.179 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	219902	21.796 ng/uL#	92
76) Pentachlorobenzene	14.669	250	235220	21.179 ng/uL	94
77) Carbazole	17.504	167	596383	21.272 ng/ul	97
78) Di-n-butylphthalate	18.074	149	741582	21.197 ng/ul	99
80) Fluoranthene	19.168	202	895500	19.802 ng/ul#	96
82) Pyrene	19.533	202	956872	19.952 ng/ul#	93
83) Butylbenzylphthalate	20.445	149	342441	19.375 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	339018	21.683 ng/ul	97
85) Benzo(a)anthracene	21.286	228	1022541	20.462 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	519799	19.964 ng/ul	97
87) Chrysene	21.339	228	1008381	20.362 ng/ul	99
89) Di-n-octyl phthalate	22.109	149	977283	19.263 ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1174158	20.795 ng/ul	98
91) Benzo(k)fluoranthene	22.927	252	1176068	21.188 ng/ul	98
93) Benzo(a)pyrene	23.462	252	1072830	20.921 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	25.833	276	1384618	20.962 ng/ul	98
95) Dibenzo(a,h)anthracene	25.850	278	1123065	20.774 ng/ul	97
96) Benzo(g,h,i)perylene	26.527	276	1191007	20.532 ng/ul#	92

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