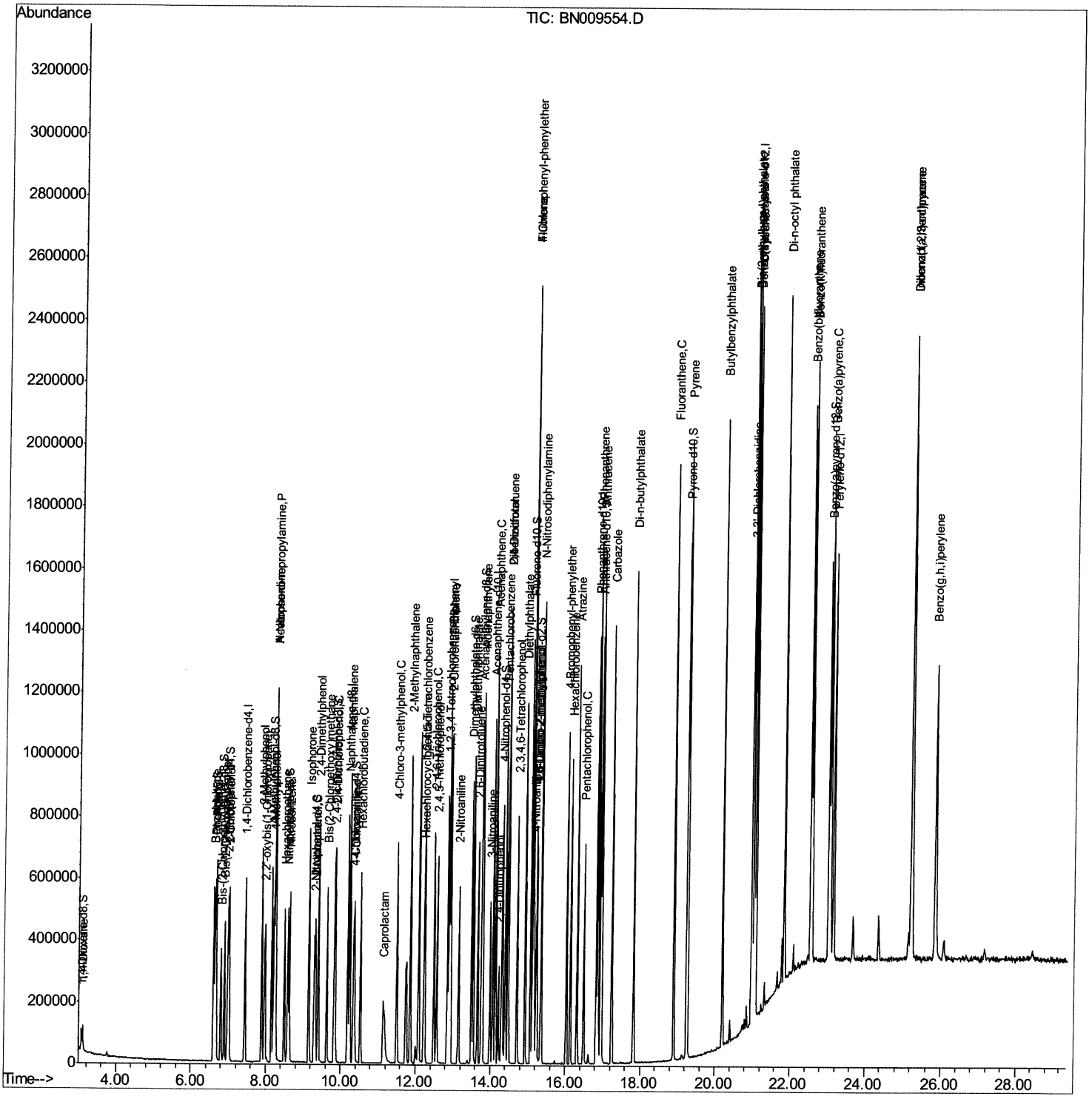
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
Data File : BN009554.D
Acq On : 04 Feb 2020 06:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 04 11:32:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02072

Manual Integrations APPROVED
mohammad
2/4/2020 6:15:24 PM



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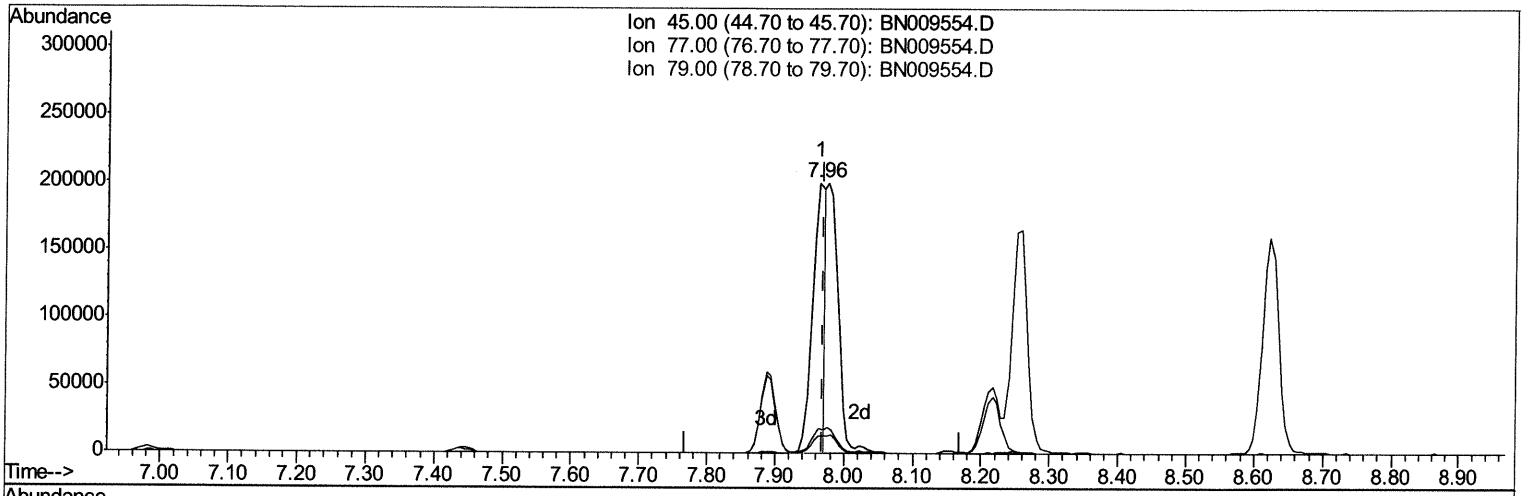

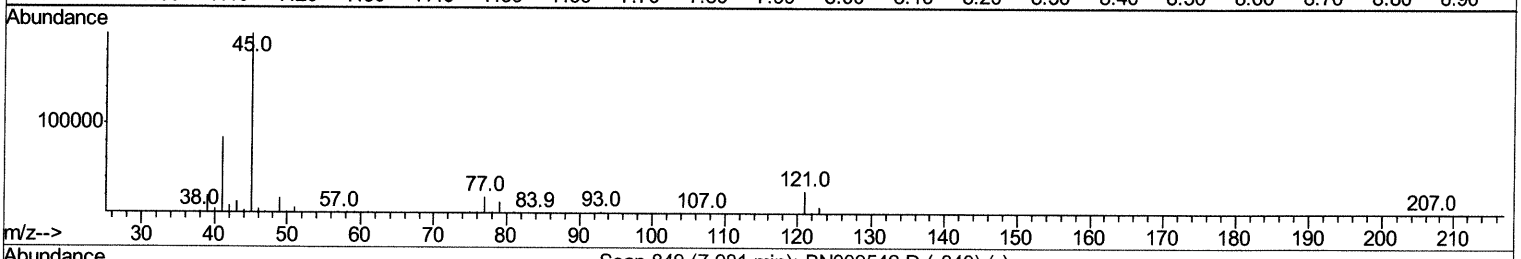

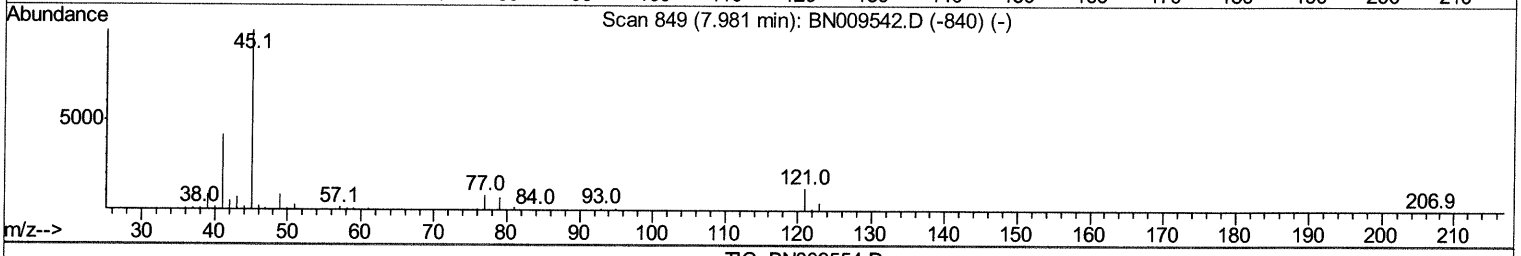

TIC: BN009554.D

(12) 2,2'-oxybis(1-Chloropropane)

7.963min (-0.006) 10.67ng/ul

response 250623

Ion	Exp%	Act%
45.00	100	100
77.00	8.80	9.22
79.00	6.40	6.38
0.00	0.00	0.00

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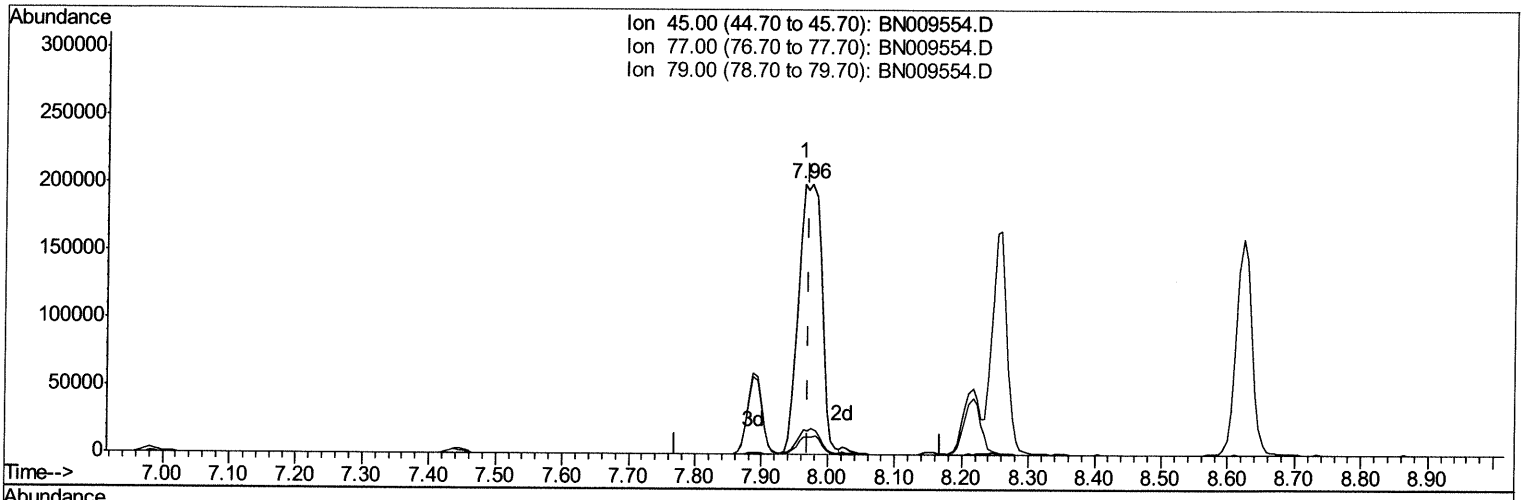

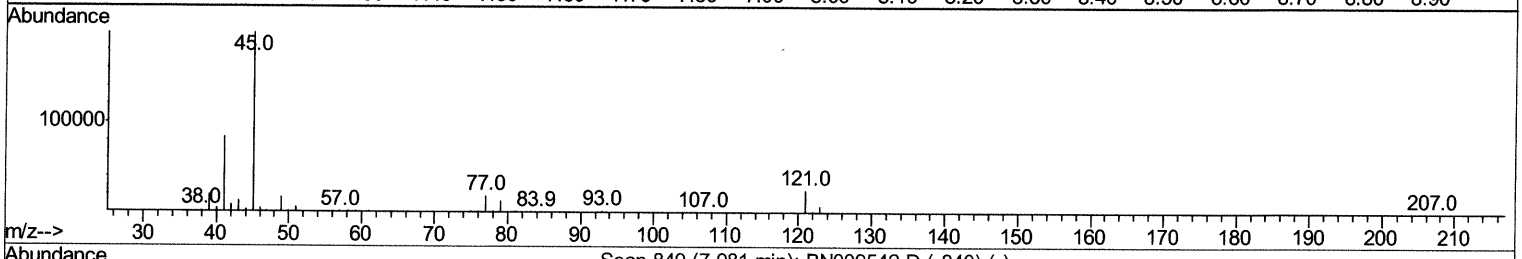

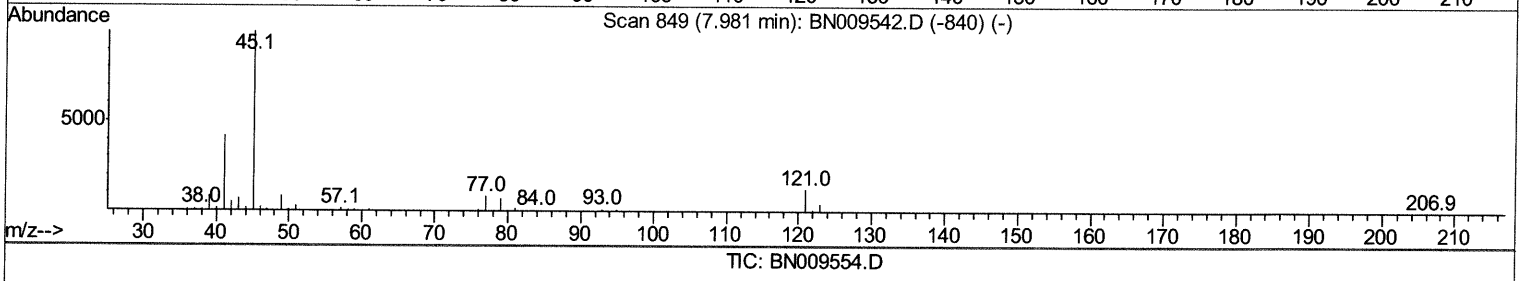

TIC: BN009554.D

(12) 2,2'-oxybis(1-Chloropropane)

7.963min (-0.006) 20.75ng/ul m JU 02/05/20

response 487200

Ion	Exp%	Act%
45.00	100	100
77.00	8.80	9.22
79.00	6.40	6.38
0.00	0.00	0.00

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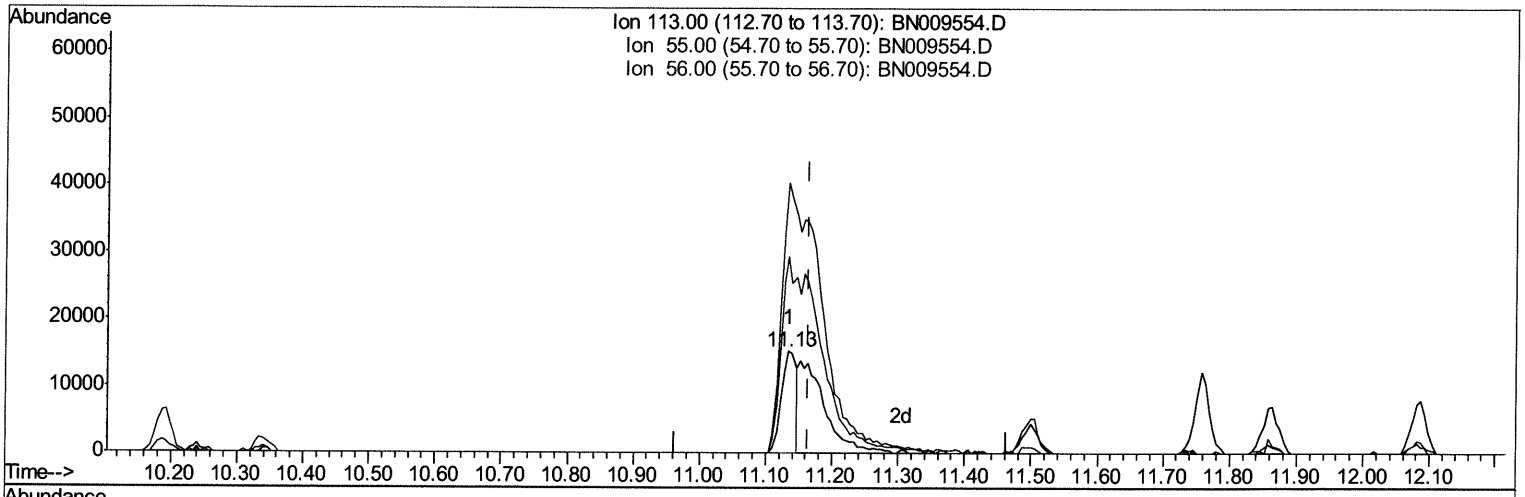

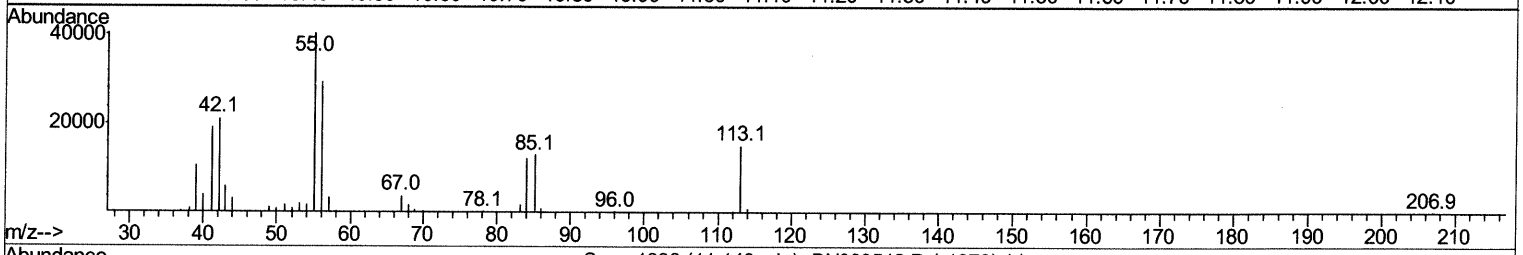

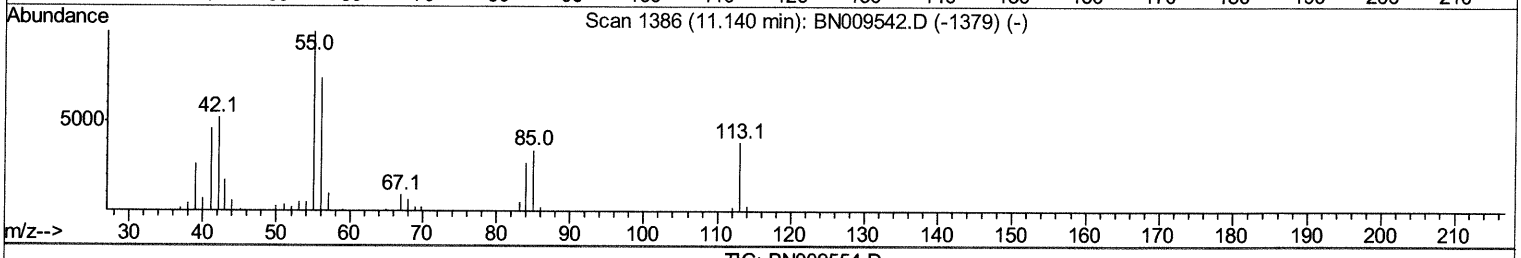

TIC: BN009554.D

(32) Caprolactam

11.134min (-0.029) 7.87ng/ul

response 23641

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	265.44
56.00	199.10	193.33
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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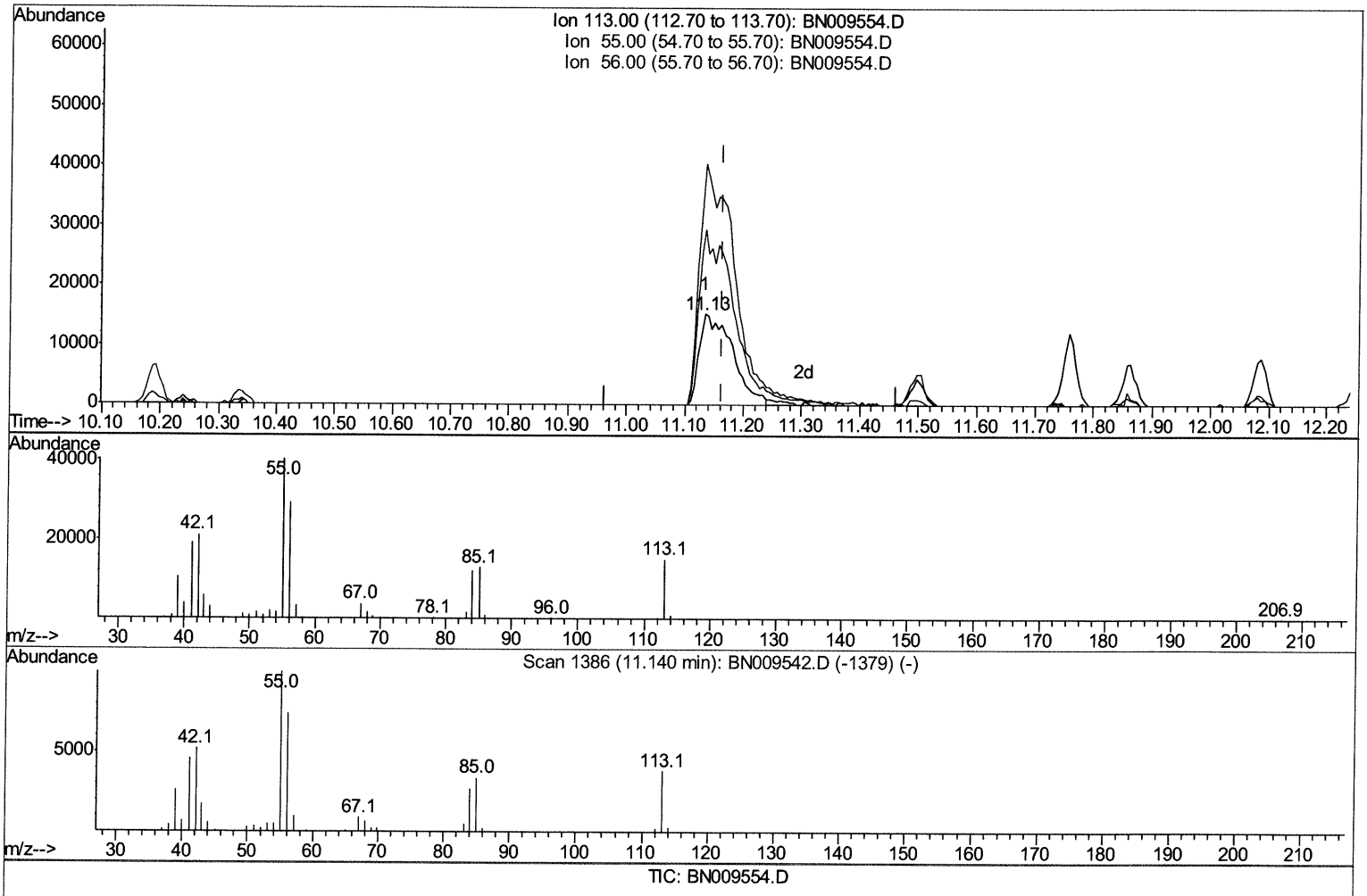

(32) Caprolactam

11.134min (-0.029) 20.09ng/ul m JU 02/05/20

response 60307

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	265.44
56.00	199.10	193.33
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	134997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	567723	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	359788	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	759634	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	731533	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	804989	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	26967	8.20	ng/uL	0.00
5) Phenol-d5	6.64	99	248157	21.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	168625	21.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	187565	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	195723	20.87	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	91943	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	101389	21.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	189436	21.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	192388	20.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	553733	21.08	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	681576	21.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	104304	21.03	ng/ul	0.00
57) Fluorene-d10	15.08	176	480431	20.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	88888	18.74	ng/ul	0.00
70) Anthracene-d10	16.93	188	749063	21.70	ng/ul	0.00
78) Pyrene-d10	19.23	212	807040	20.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	842606	21.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	30174	8.039	ng/uL	93
4) Benzaldehyde	6.60	77	176321	21.827	ng/ul	96
6) Phenol	6.66	94	263508	20.942	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.89	93	205956	20.985	ng/ul	97
10) 2-Chlorophenol	7.01	128	198644	22.093	ng/ul	99
11) 2-Methylphenol	7.89	108	193513	20.813	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.96	45	487200m >	20.749	ng/ul >	JU 02/05/20
14) Acetophenone	8.26	105	315813	21.050	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	169569	21.342	ng/ul	98
16) 4-Methylphenol	8.22	108	216278	21.228	ng/ul	93
17) Hexachloroethane	8.49	117	90328	22.165	ng/ul	97
20) Nitrobenzene	8.62	77	262885	21.681	ng/ul	96
21) Isophorone	9.15	82	459288	21.054	ng/ul	99
23) 2-Nitrophenol	9.33	139	110421	21.516	ng/ul	96
24) 2,4-Dimethylphenol	9.40	107	237108	21.274	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.63	93	280387	21.146	ng/ul	97
27) 2,4-Dichlorophenol	9.85	162	195303	21.804	ng/ul	97
28) Naphthalene	10.24	128	659540	21.423	ng/ul	98
30) 4-Chloroaniline	10.36	127	198633	20.268	ng/ul	100
31) Hexachlorobutadiene	10.53	225	120034	20.986	ng/ul	96
32) Caprolactam	11.13	113	60307m >	20.085	ng/ul >	JU 02/05/20
33) 4-Chloro-3-methylphenol	11.50	107	222321	21.289	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	452419	20.999	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.25	216	226225	21.609 ng/ul	94
37) Hexachlorocyclopentadiene	12.22	237	94209	16.534 ng/ul	99
38) 2,4,6-Trichlorophenol	12.49	196	146196	21.448 ng/ul	90
39) 2,4,5-Trichlorophenol	12.57	196	156092	20.915 ng/ul	99
40) 1,1'-Biphenyl	12.90	154	581199	20.748 ng/ul	99
41) 2-Chloronaphthalene	12.93	162	467841	21.267 ng/ul	99
42) 2-Nitroaniline	13.16	65	172514	21.698 ng/ul	96
44) Dimethylphthalate	13.55	163	579329	20.784 ng/ul	98
45) 2,6-Dinitrotoluene	13.67	165	118599	21.792 ng/ul	98
47) Acenaphthylene	13.79	152	739348	21.289 ng/ul	98
48) 3-Nitroaniline	14.00	138	105048	21.257 ng/ul	95
49) Acenaphthene	14.14	153	500833	21.213 ng/ul	100
50) 2,4-Dinitrophenol	14.22	184	55979	16.667 ng/ul	93
52) 4-Nitrophenol	14.32	109	93984	21.177 ng/ul	95
53) Dibenzofuran	14.48	168	684634	20.824 ng/ul	98
54) 2,4-Dinitrotoluene	14.47	165	173759	21.768 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.72	232	134682	21.251 ng/ul	95
56) Diethylphthalate	14.93	149	593364	21.277 ng/ul	97
58) Fluorene	15.13	166	566096	20.603 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.14	204	277315	20.779 ng/ul	92
60) 4-Nitroaniline	15.17	138	132929	21.128 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.24	198	95247	18.594 ng/ul	97
64) N-Nitrosodiphenylamine	15.36	169	487506	21.473 ng/ul	97
65) 4-Bromophenyl-phenylether	16.03	248	159726	21.339 ng/ul	91
66) Hexachlorobenzene	16.15	284	175068	21.336 ng/ul	94
67) Atrazine	16.32	200	179431	21.549 ng/ul	92
68) Pentachlorophenol	16.49	266	102290	20.664 ng/ul	94
69) Phenanthrene	16.87	178	911216	21.034 ng/ul	98
71) Anthracene	16.96	178	933074	21.227 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	240897	21.686 ng/uL	98
73) Pentachlorobenzene	14.40	250	228010	21.266 ng/uL	97
74) Carbazole	17.24	167	836164	21.848 ng/ul	99
75) Di-n-butylphthalate	17.82	149	1007126	21.468 ng/ul	99
76) Fluoranthene	18.90	202	1077174	21.786 ng/ul	99
79) Pyrene	19.26	202	1147428	21.487 ng/ul	98
80) Butylbenzylphthalate	20.20	149	469930	21.964 ng/ul	96
81) 3,3'-Dichlorobenzidine	20.97	252	346189	22.114 ng/ul	96
82) Benzo(a)anthracene	21.03	228	1083527	21.452 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	20.99	149	703149	21.811 ng/ul	100
84) Chrysene	21.08	228	1055273	20.987 ng/ul	100
86) Di-n-octyl phthalate	21.84	149	1208945	20.358 ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	1088676	21.616 ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	1029840	20.763 ng/ul	99
90) Benzo(a)pyrene	23.07	252	978387	20.967 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.22	276	1170834	21.104 ng/ul	97
92) Dibenzo(a,h)anthracene	25.23	278	984259	21.077 ng/ul	96
93) Benzo(g,h,i)perylene	25.84	276	975310	20.976 ng/ul	97

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