

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

mohammad
5/26/2021 4:28:39 PM

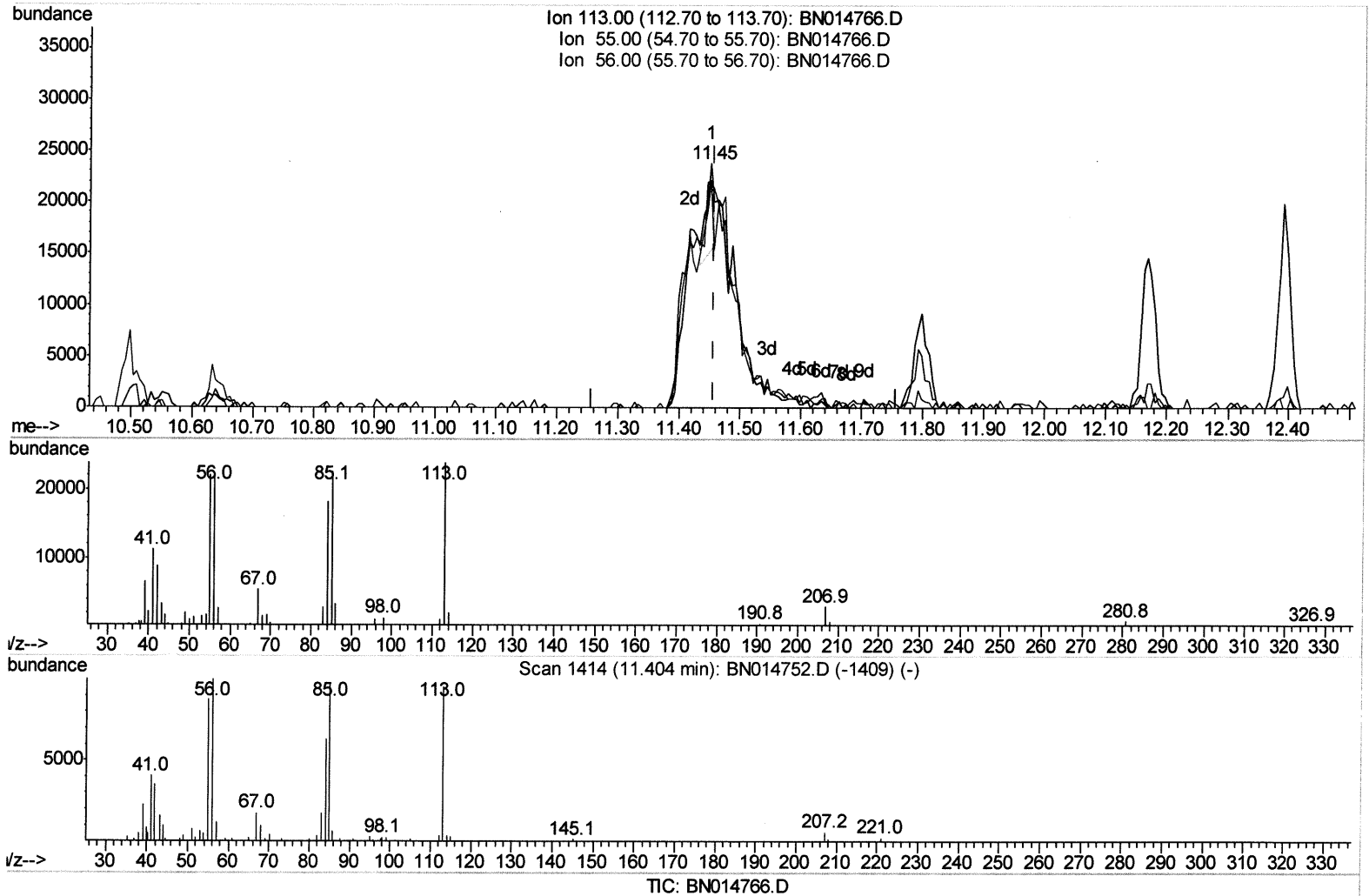
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052521\
 Data File : BN014766.D
 Acq On : 26 May 2021 13:06
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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Quant Time: May 26 13:50:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 25 10:33:04 2021
 Response via : Initial Calibration



(34) Caprolactam

11.451min (-0.006) 1.62ng/ul

response 8137

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	92.64#
56.00	73.20	93.08#
0.00	0.00	0.00

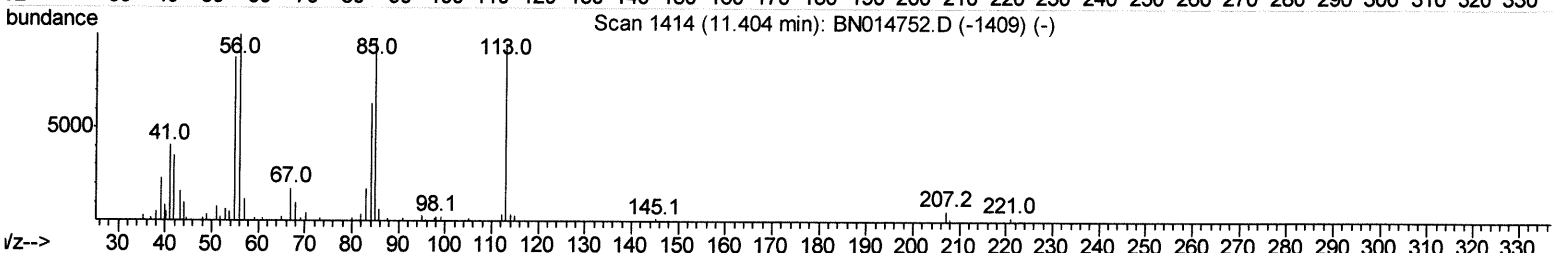
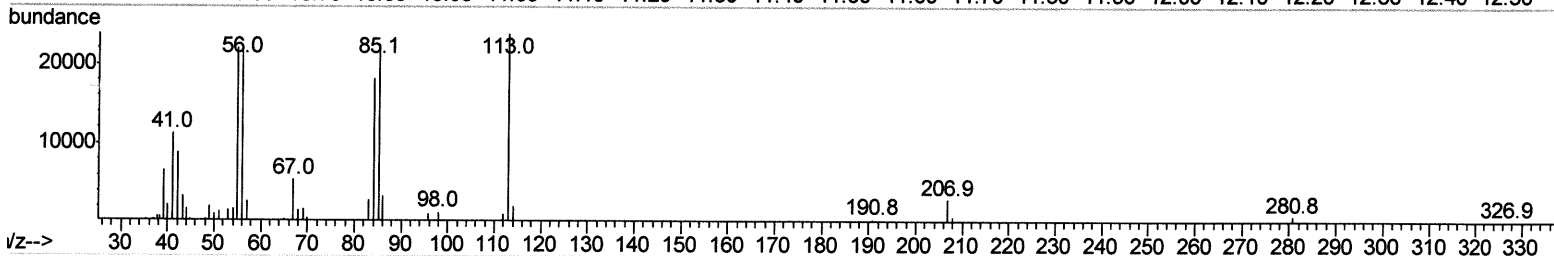
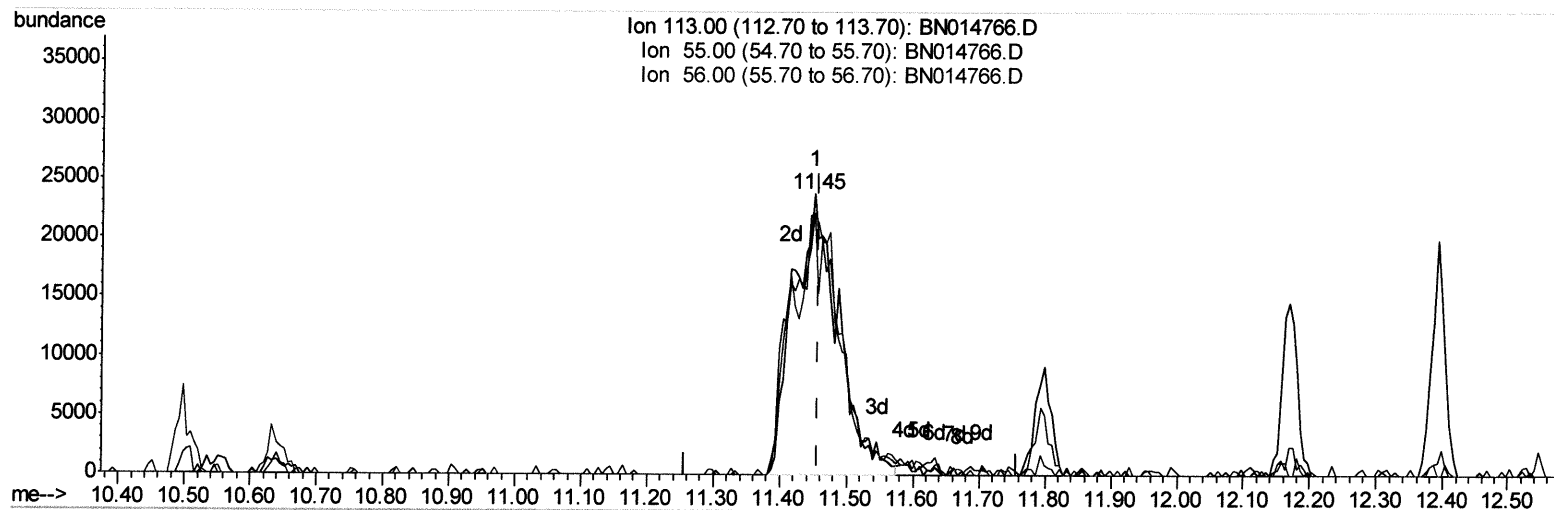
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TIC: BN014766.D

(34) Caprolactam

11.451min (-0.006) 22.23ng/ul m

response 111952

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	92.64#
56.00	73.20	93.08#
0.00	0.00	0.00

JU 5/27/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	202849	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	880225	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	745264	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1951657	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	2531398	20.00	ng/ul	0.00
88) Perylene-d12	23.59	264	3070081	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	36768	7.38	ng/uL	0.00
4) Pividine-d5	3.63	84	211436	16.85	ng/ul	0.00
7) Phenol-d5	6.89	99	392327	19.75	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	187522	18.99	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	239349	19.46	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	307763	19.93	ng/ul	0.00
21) Nitrobenzene-d5	8.87	128	126323	19.05	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	129527	18.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	306813	18.88	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	393013	20.51	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	1148986	19.41	ng/ul	0.00
49) Acenaphthylene-d8	14.06	160	1311047	19.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	186629	19.84	ng/ul	0.00
60) Fluorene-d10	15.36	176	1013001	19.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	209034	19.58	ng/ul	0.00
73) Anthracene-d10	17.22	188	1747083	19.16	ng/ul	0.00
81) Pyrene-d10	19.52	212	2346629	19.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.45	264	3264955	19.97	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	33487	5.726	ng/uL#	89
5) Pividine	3.65	79	210794	16.035	ng/ul	98
6) Benzaldehyde	6.86	77	248054	23.192	ng/ul	92
8) Phenol	6.92	94	409213	20.022	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.15	93	309062	19.593	ng/ul	100
12) 2-Chlorophenol	7.28	128	250818	19.481	ng/ul	97
13) 2-Methylphenol	8.16	108	307109	20.462	ng/ul	89
14) 2,2'-oxybis(1-Chloropropan	8.25	45	193895	19.485	ng/ul#	94
16) Acetophenone	8.53	105	540752	21.153	ng/ul	88
17) N-Nitroso-di-n-propylamine	8.52	70	264610	21.490	ng/ul#	95
18) 4-Methylphenol	8.49	108	340765	20.817	ng/ul	94
19) Hexachloroethane	8.79	117	121733	18.885	ng/ul	97
22) Nitrobenzene	8.91	77	385948	18.651	ng/ul#	95
23) Isophorone	9.43	82	762264	19.399	ng/ul	97
25) 2-Nitrophenol	9.62	139	145192	19.170	ng/ul	89
26) 2,4-Dimethylphenol	9.68	107	446374	19.145	ng/ul	94
27) Bis(2-Chloroethoxy)methane	9.92	93	444340	18.610	ng/ul	98
29) 2,4-Dichlorophenol	10.15	162	305810	19.622	ng/ul	96
30) Naphthalene	10.55	128	899389	18.799	ng/ul	99
32) 4-Chloroaniline	10.66	127	425671	20.878	ng/ul	94
33) Hexachlorobutadiene	10.84	225	241119	17.303	ng/ul	97
34) Caprolactam	11.45	113	111952m	22.234	ng/ul	97

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35) 4-Chloro-3-methylphenol	11.80	107	466606	20.660	ng/ul	91
36) 2-Methylnaphthalene	12.17	142	710639	19.927	ng/ul	95
37) 1-Methylnaphthalene	12.39	142	688354	19.633	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	486637	17.270	ng/ul	99
40) Hexachlorocyclopentadiene	12.53	237	301689	16.161	ng/ul	99
41) 2,4,6-Trichlorophenol	12.79	196	305780	19.324	ng/ul	90
42) 2,4,5-Trichlorophenol	12.86	196	342930	19.858	ng/ul	95
43) 1,1'-Biphenyl	13.19	154	978654	18.357	ng/ul	97
44) 2-Chloronaphthalene	13.23	162	802555	18.787	ng/ul	97
45) 2-Nitroaniline	13.44	65	251481	19.328	ng/ul	93
47) Dimethylphthalate	13.82	163	1143775	19.531	ng/ul	99
48) 2,6-Dinitrotoluene	13.94	165	229420	21.081	ng/ul	96
50) Acenaphthylene	14.09	152	1211819	19.250	ng/ul	99
51) 3-Nitroaniline	14.27	138	205634	19.473	ng/ul	97
52) Acenaphthene	14.43	153	875167	19.187	ng/ul	95
53) 2,4-Dinitrophenol	14.47	184	160600	20.326	ng/ul	90
55) 4-Nitrophenol	14.59	109	380952	21.127	ng/ul	91
56) Dibenzofuran	14.77	168	1329697	19.597	ng/ul	96
57) 2,4-Dinitrotoluene	14.73	165	372983	21.506	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.00	232	359498	20.238	ng/ul	98
59) Diethylphthalate	15.20	149	1125587	19.993	ng/ul	97
61) Fluorene	15.42	166	1019651	19.974	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.42	204	603140	19.971	ng/ul	97
63) 4-Nitroaniline	15.44	138	220626	20.569	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.50	198	205060	19.636	ng/ul#	97
67) N-Nitrosodiphenylamine	15.63	169	996520	18.957	ng/ul	97
68) 4-Bromophenyl-phenylether	16.32	248	459037	18.062	ng/ul	95
69) Hexachlorobenzene	16.43	284	595373	18.726	ng/ul	98
70) Atrazine	16.59	200	420127	19.328	ng/ul	96
71) Pentachlorophenol	16.77	266	417750	22.822	ng/ul	97
72) Phenanthrene	17.16	178	1971759	19.336	ng/ul	97
74) Anthracene	17.25	178	2026264	19.715	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	565125	17.523	ng/uL	95
76) Pentachlorobenzene	14.69	250	593869	17.805	ng/uL	97
77) Carbazole	17.52	167	1792910	20.699	ng/ul	99
78) Di-n-butylphthalate	18.10	149	1969437	19.296	ng/ul	97
80) Fluoranthene	19.19	202	2671598	18.981	ng/ul	98
82) Pyrene	19.55	202	2687965	18.571	ng/ul	98
83) Butylbenzylphthalate	20.46	149	955109	19.639	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.24	252	1016739	21.303	ng/ul	92
85) Benzo(a)anthracene	21.31	228	3021131	19.146	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.25	149	1346009	19.201	ng/ul	97
87) Chrysene	21.36	228	3127507	19.682	ng/ul	99
89) Di-n-octyl phthalate	22.14	149	2748659	20.236	ng/ul	100
90) Benzo(b)fluoranthene	22.91	252	3598273	19.530	ng/ul	96
91) Benzo(k)fluoranthene	22.96	252	3576297	19.482	ng/ul	96
93) Benzo(a)pyrene	23.50	252	3222270	19.325	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.89	276	4501406	19.703	ng/ul	97
95) Dibenzo(a,h)anthracene	25.90	278	3761753	19.896	ng/ul	100
96) Benzo(g,h,i)perylene	26.59	276	3928869	19.431	ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed