

(QT Reviewed)

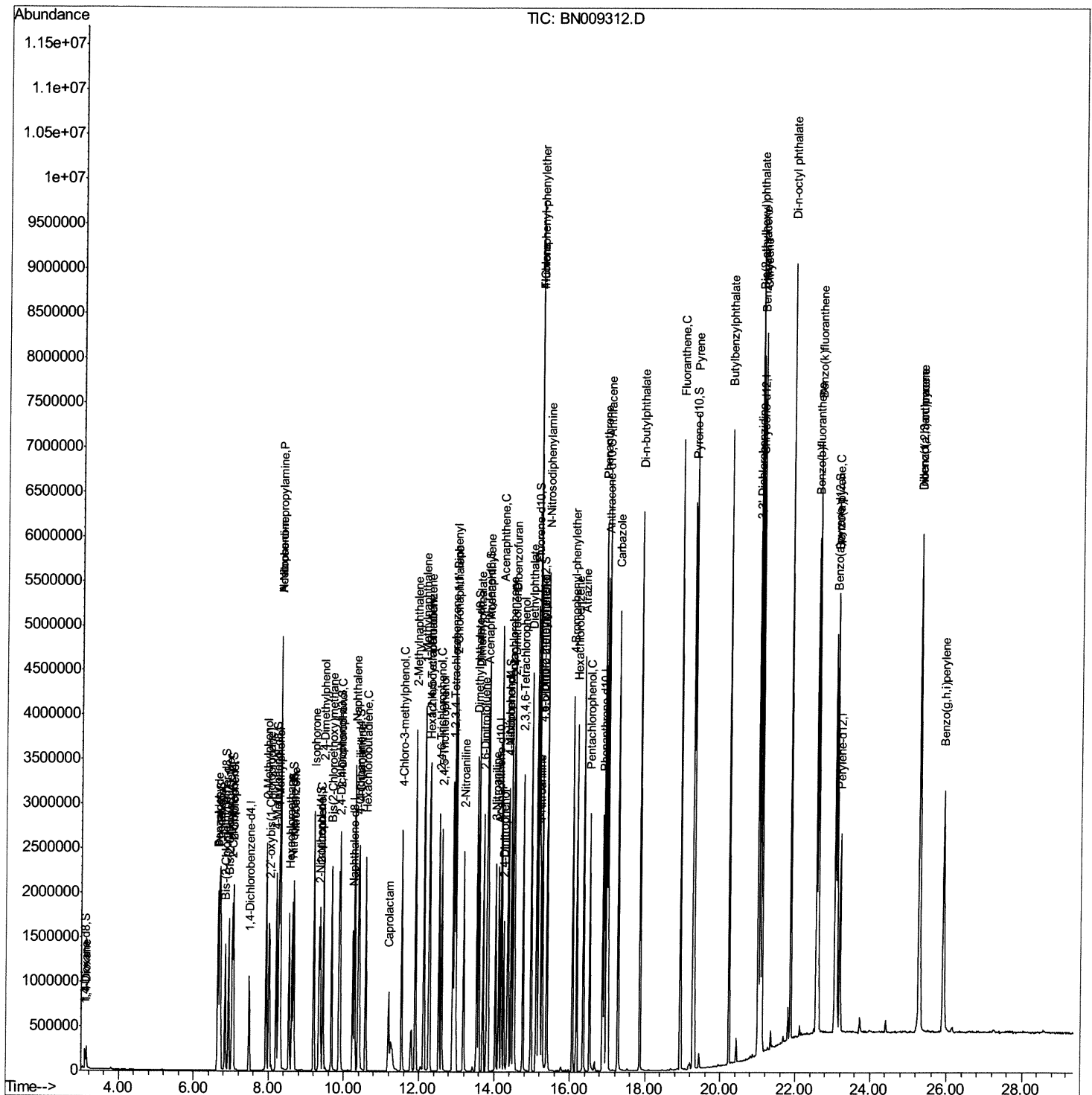
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Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010620\  
Data File : BN009312.D  
Acq On    : 06 Jan 2020   15:40  
Operator  : JU  
Sample    : SSTD04055  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
SSTD040551

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:06 PM

Quant Time: Jan 06 16:21:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:00:02 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

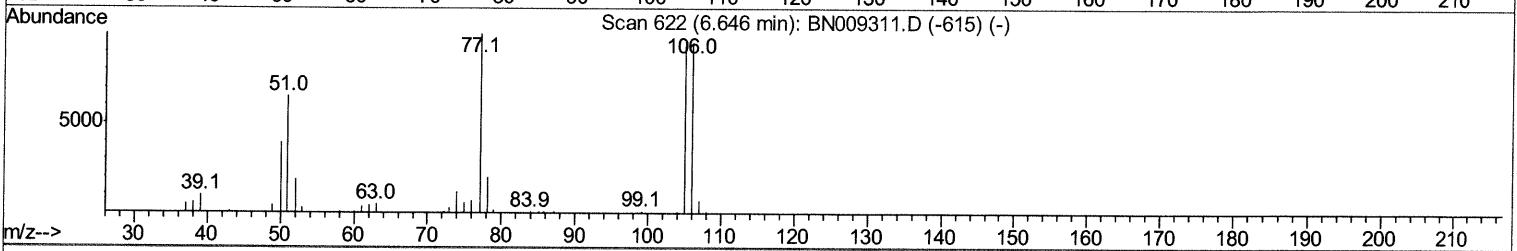
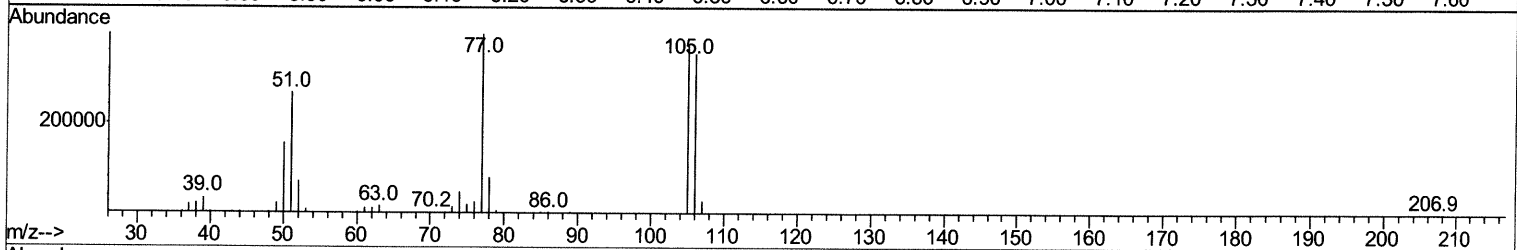
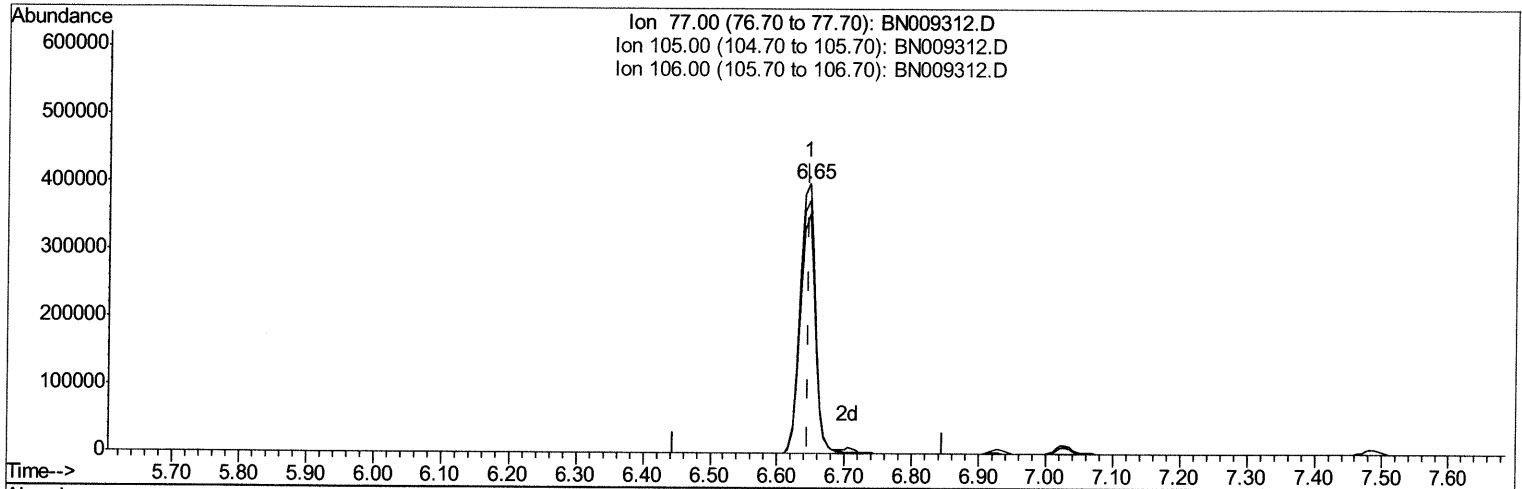
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TIC: BN009312.D

(4) Benzaldehyde

6.646min (-0.000) 41.51ng/ul

response 633429

Ion	Exp%	Act%
77.00	100	100
105.00	93.20	93.80
106.00	94.20	88.75
0.00	0.00	0.00

Quantitation Report (Qedit)

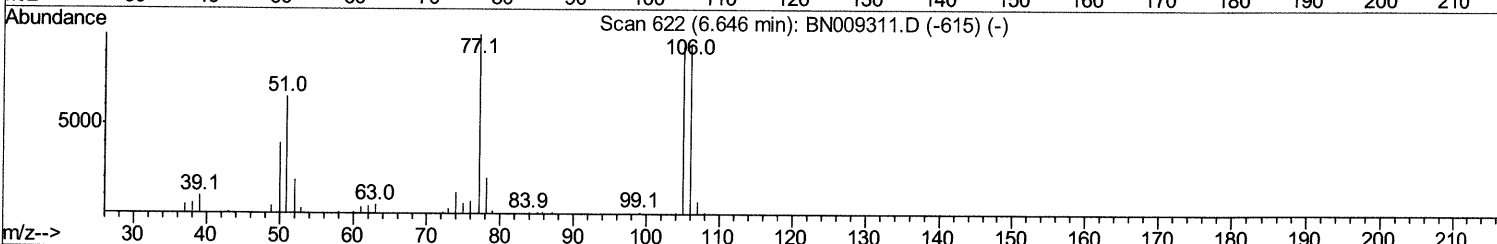
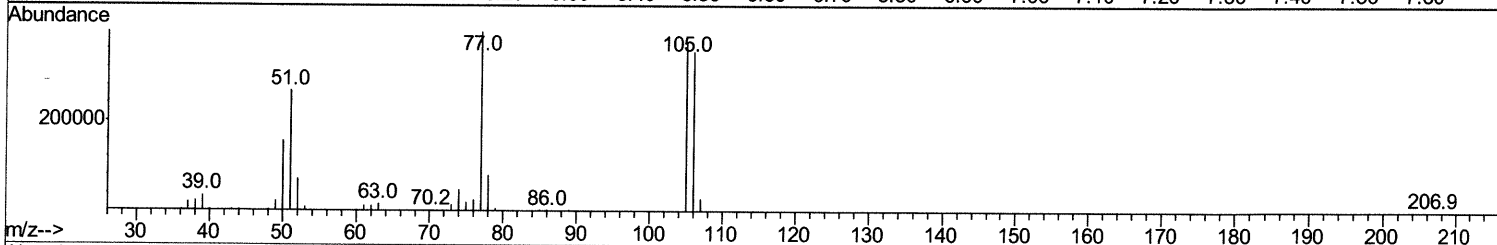
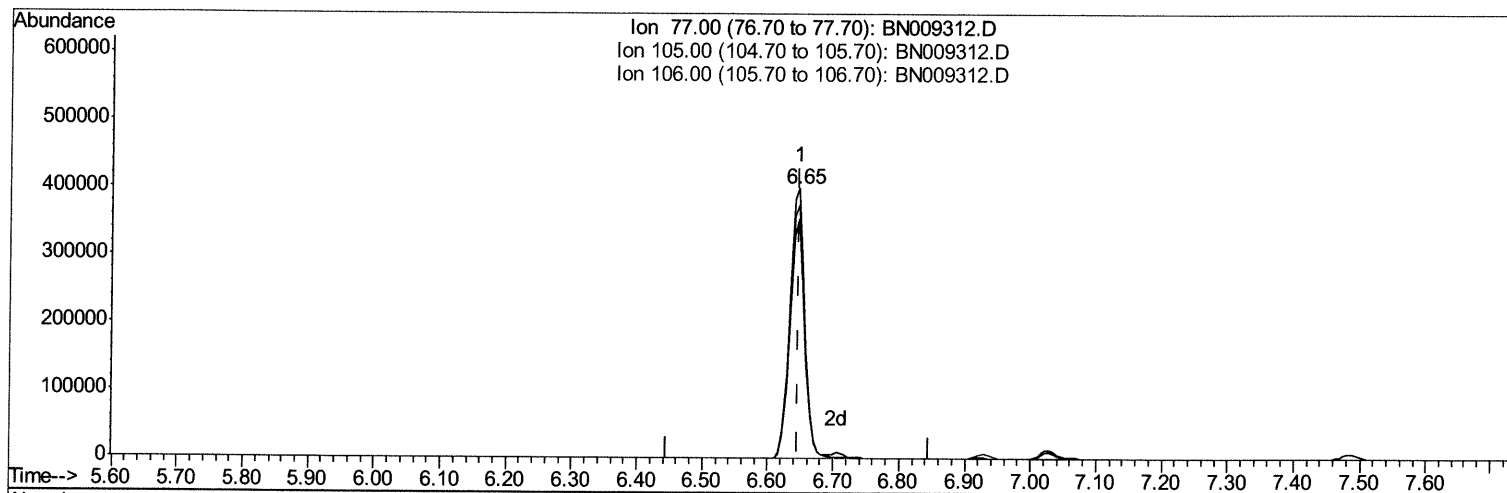
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TIC: BN009312.D

(4) Benzaldehyde

6.646min (-0.000) 42.40ng/ul m JU 01/29/20

response 647111

Ion	Exp%	Act%
77.00	100	100
105.00	93.20	93.80
106.00	94.20	88.75
0.00	0.00	0.00

Quantitation Report (Qedit)

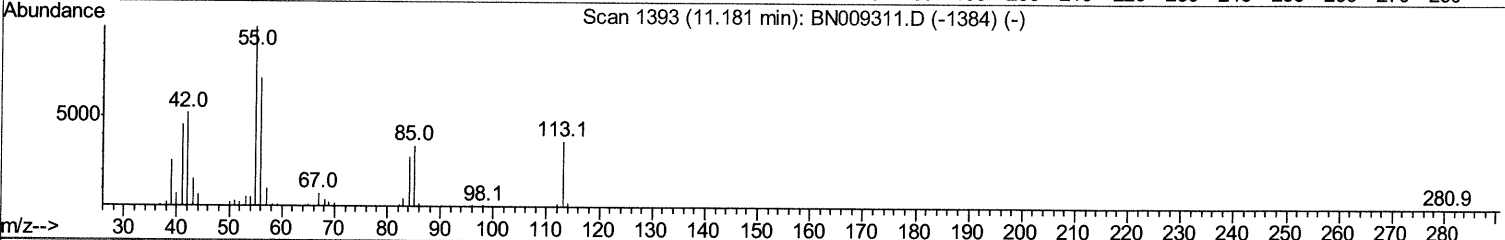
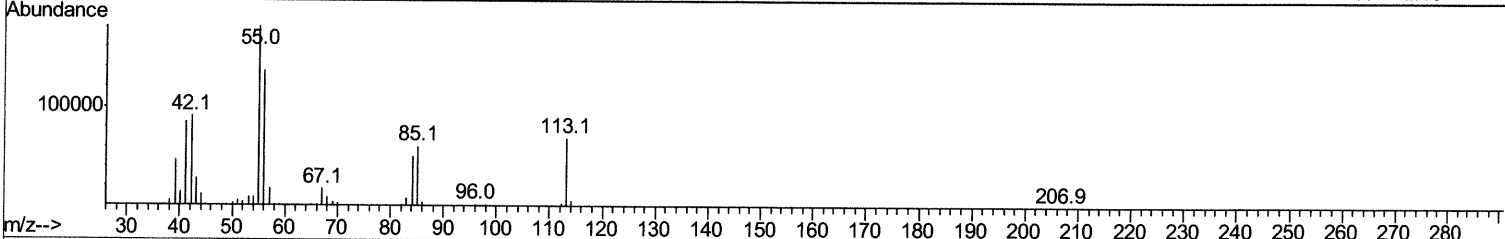
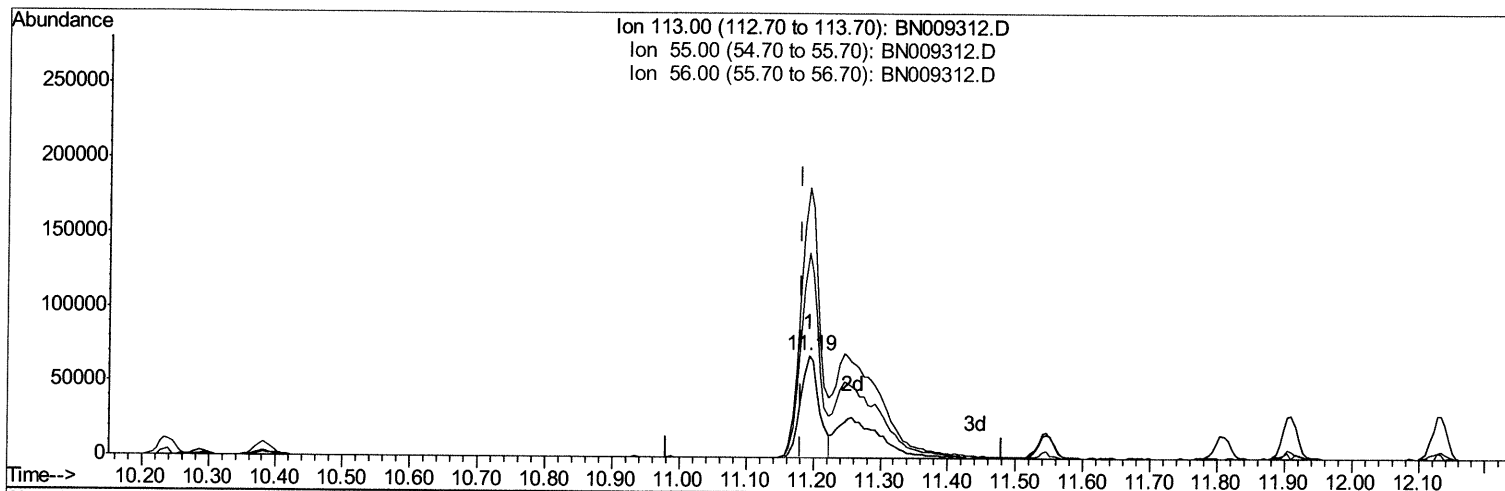
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(32) Caprolactam

11.193min (+0.012) 20.71ng/ul

response 131931

Ion	Exp%	Act%
113.00	100	100
55.00	271.80	264.02
56.00	193.20	199.95
0.00	0.00	0.00

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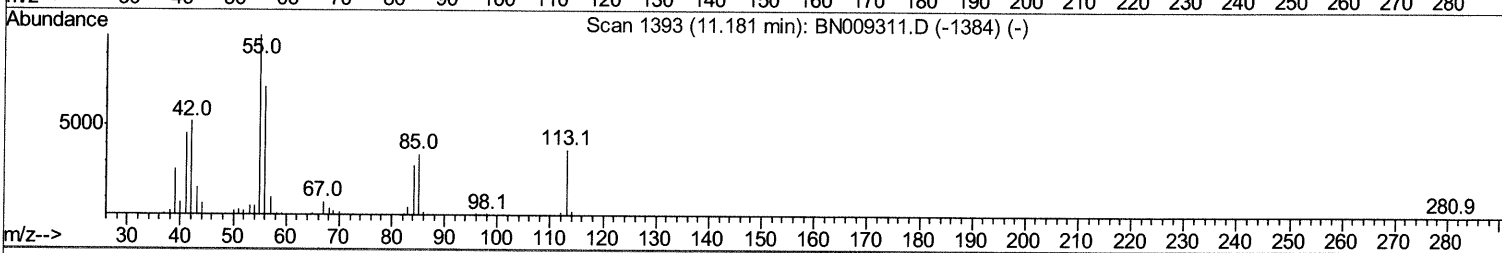
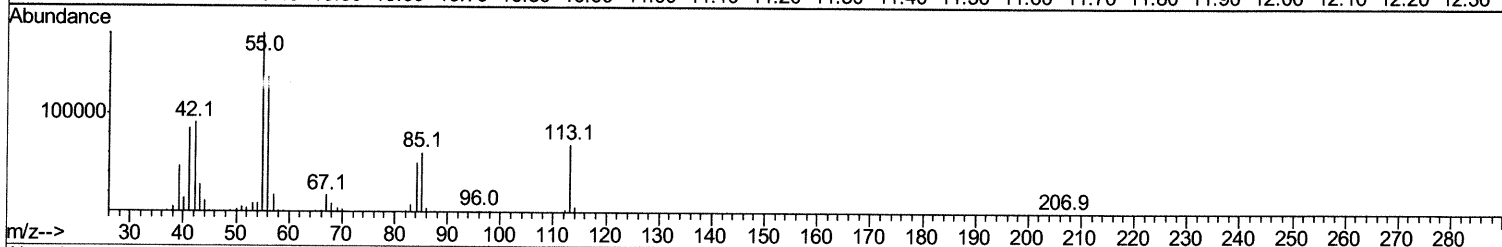
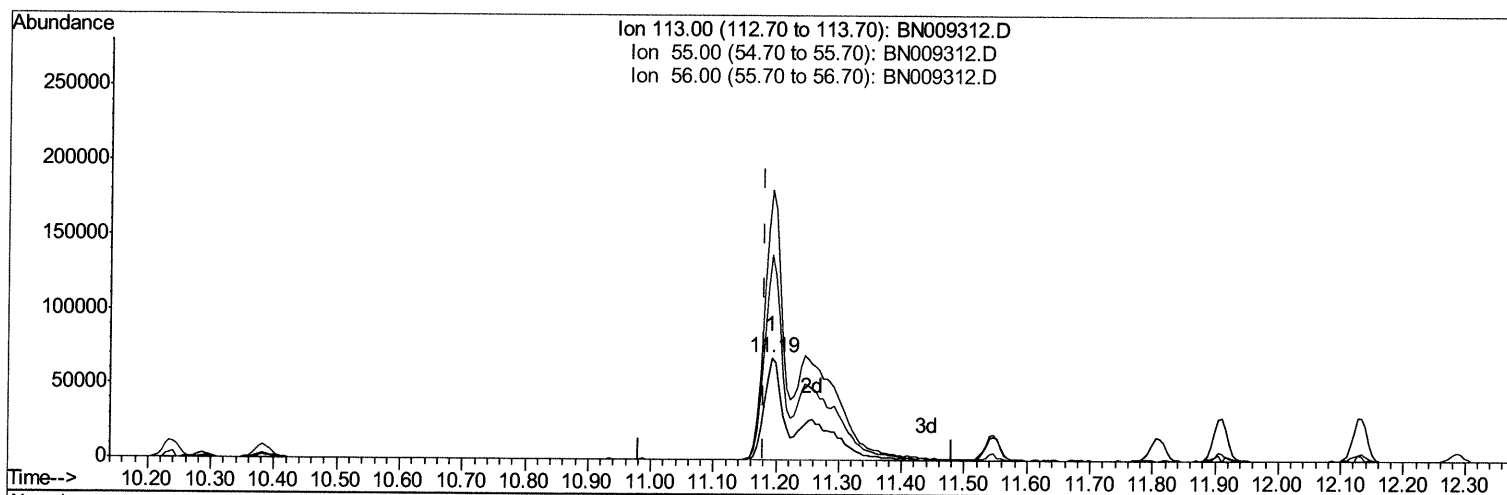
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TIC: BN009312.D

(32) Caprolactam

11.193min (+0.012) 39.62ng/ul m JU 01/29/20

response 252455

Ion	Exp%	Act%
113.00	100	100
55.00	271.80	264.02
56.00	193.20	199.95
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	249321	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1121617	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	730463	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1559181	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1381683	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1390448	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	94174	16.69	ng/uL	0.00
5) Phenol-d5	6.68	99	919462	38.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	624662	44.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	691453	41.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	758413	39.30	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	358963	44.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	408621	46.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	750885	43.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	936064	44.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	2228806	41.26	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2724531	42.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	425589	43.88	ng/ul	0.01
58) Fluorene-d10	15.12	176	1950179	41.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	422777	44.45	ng/ul	0.00
71) Anthracene-d10	16.97	188	2926102	41.25	ng/ul	0.00
79) Pyrene-d10	19.27	212	3142993	47.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2989512	43.28	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.13	88	99817	15.967 ng/uL	99
4) Benzaldehyde	6.65	77	647111m >	42.402 ng/ul >	Ju 01/29/20
6) Phenol	6.71	94	960257	39.392 ng/ul	99
8) Bis(2-Chloroethyl)ether	6.93	93	761683	40.324 ng/ul	97
10) 2-Chlorophenol	7.06	128	708212	41.013 ng/ul	99
11) 2-Methylphenol	7.93	108	727201	40.122 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.02	45	1805297	82.985 ng/ul	99
14) Acetophenone	8.30	105	1194541	41.047 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	675123	41.993 ng/ul	99
16) 4-Methylphenol	8.26	108	797310	39.623 ng/ul	96
17) Hexachloroethane	8.54	117	309775	43.462 ng/ul	99
20) Nitrobenzene	8.67	77	981652	43.818 ng/ul	97
21) Isophorone	9.20	82	1855764	44.318 ng/ul	100
23) 2-Nitrophenol	9.37	139	433909	44.477 ng/ul	99
24) 2,4-Dimethylphenol	9.45	107	919487	43.691 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.68	93	1089958	41.900 ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	728529	43.209 ng/ul	99
28) Naphthalene	10.29	128	2449180	41.671 ng/ul	99
30) 4-Chloroaniline	10.40	127	934428	44.248 ng/ul	98
31) Hexachlorobutadiene	10.58	225	451610	43.327 ng/ul	96
32) Caprolactam	11.19	113	252455m >	39.625 ng/ul >	Ju 01/29/20
33) 4-Chloro-3-methylphenol	11.55	107	882504	43.619 ng/ul	100
34) 2-Methylnaphthalene	11.91	142	1712762	40.769 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	1744451	40.681	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	888402	44.991	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	570112	64.077	ng/ul	99
39) 2,4,6-Trichlorophenol	12.54	196	598725	45.847	ng/ul	97
40) 2,4,5-Trichlorophenol	12.61	196	633431	44.994	ng/ul	96
41) 1,1'-Biphenyl	12.95	154	2265220	41.545	ng/ul	96
42) 2-Chloronaphthalene	12.98	162	1796879	41.945	ng/ul	99
43) 2-Nitroaniline	13.20	65	710133	56.539	ng/ul	99
45) Dimethylphthalate	13.59	163	2306542	41.087	ng/ul	99
46) 2,6-Dinitrotoluene	13.71	165	483645	43.736	ng/ul	98
48) Acenaphthylene	13.83	152	2905840	42.288	ng/ul	99
49) 3-Nitroaniline	14.03	138	453374	43.198	ng/ul	99
50) Acenaphthene	14.19	153	1900013	40.214	ng/ul	96
51) 2,4-Dinitrophenol	14.25	184	297997	47.953	ng/ul	92
53) 4-Nitrophenol	14.36	109	364726	47.162	ng/ul	91
54) Dibenzofuran	14.52	168	2641739	40.219	ng/ul	96
55) 2,4-Dinitrotoluene	14.50	165	711888	42.628	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.76	232	562561	44.201	ng/ul	96
57) Diethylphthalate	14.97	149	2390919	41.891	ng/ul	98
59) Fluorene	15.17	166	2246640	40.503	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.18	204	1106487	41.022	ng/ul	97
61) 4-Nitroaniline	15.21	138	503039	43.409	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.27	198	439183	43.231	ng/ul#	98
65) N-Nitrosodiphenylamine	15.39	169	1911350	42.161	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	669590	40.402	ng/ul	95
67) Hexachlorobenzene	16.18	284	741357	36.532	ng/ul	98
68) Atrazine	16.36	200	718272	42.623	ng/ul	97
69) Pentachlorophenol	16.53	266	447298	42.063	ng/ul	95
70) Phenanthrene	16.91	178	3538218	40.534	ng/ul	99
72) Anthracene	17.00	178	3558193	40.546	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	892839	45.627	ng/uL	98
74) Pentachlorobenzene	14.45	250	849086	39.398	ng/uL	99
75) Carbazole	17.27	167	3071435	40.743	ng/ul	98
76) Di-n-butylphthalate	17.86	149	4132478	45.708	ng/ul	100
77) Fluoranthene	18.93	202	4129671	43.406	ng/ul	100
80) Pvrene	19.30	202	4067036	45.088	ng/ul	98
81) Butylbenzylphthalate	20.23	149	1858158	52.289	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	1351347	44.058	ng/ul	98
83) Benzo(a)anthracene	21.06	228	3866902	43.926	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	2765429	52.220	ng/ul	100
85) Chrysene	21.12	228	3813498	44.196	ng/ul	98
87) Di-n-octyl phthalate	21.87	149	4575235	60.901	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	3666318	44.068	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	3703505	45.369	ng/ul	98
91) Benzo(a)pyrene	23.12	252	3217198	42.746	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.29	276	3582562	39.642	ng/ul	95
93) Dibenzo(a,h)anthracene	25.29	278	3024860	39.922	ng/ul	99
94) Benzo(a,h,i)perylene	25.92	276	2871316	38.913	ng/ul	95

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