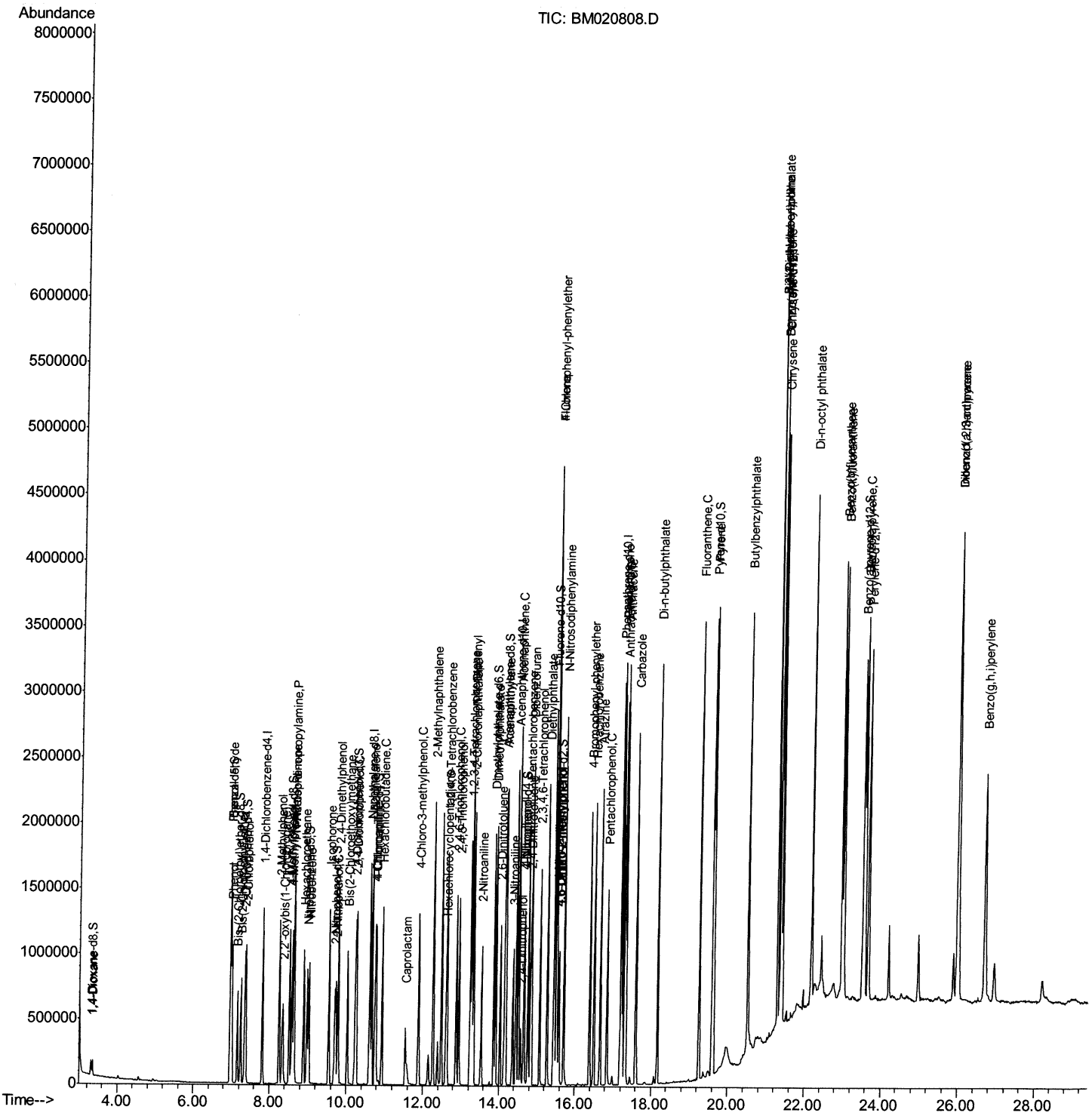
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020808.D
Acq On : 07 Jun 2019 17:54
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 01:48:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02021

Manual Integrations APPROVED
mohammad
6/14/2019 8:41:58 AM



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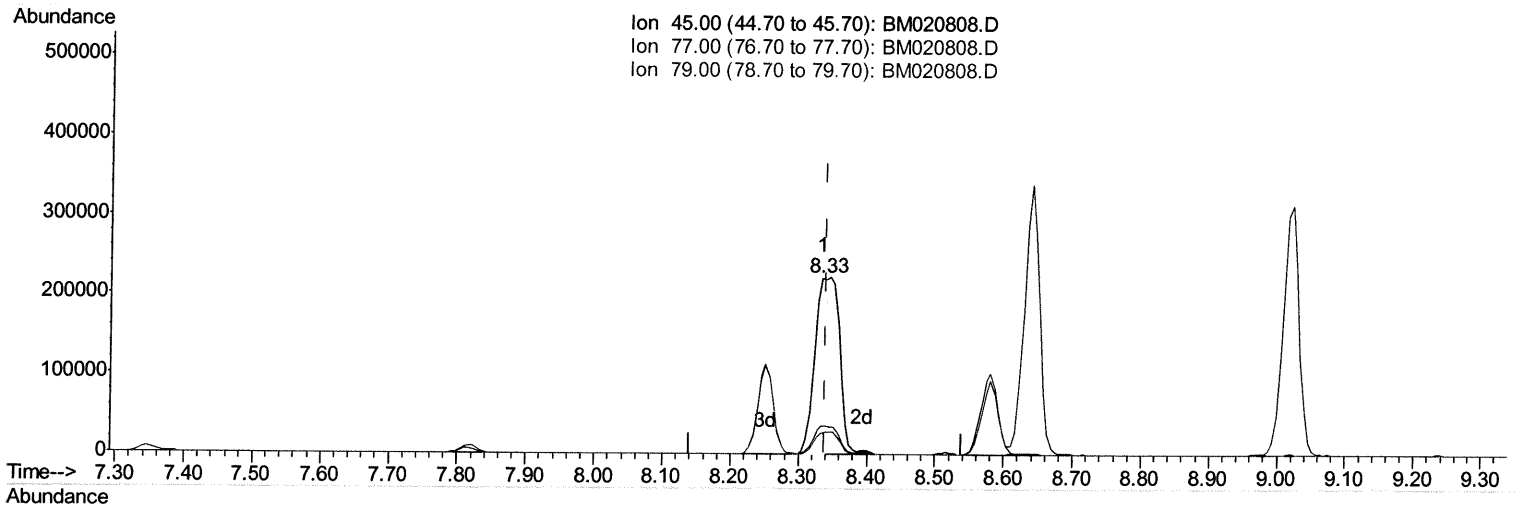
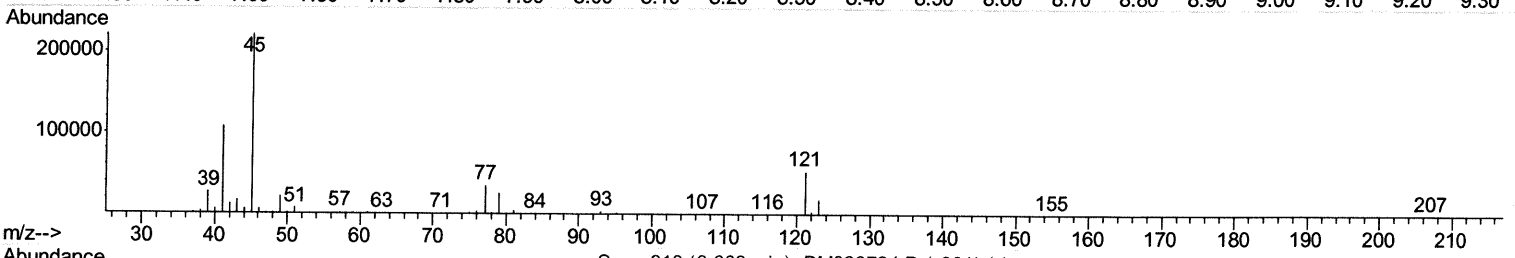
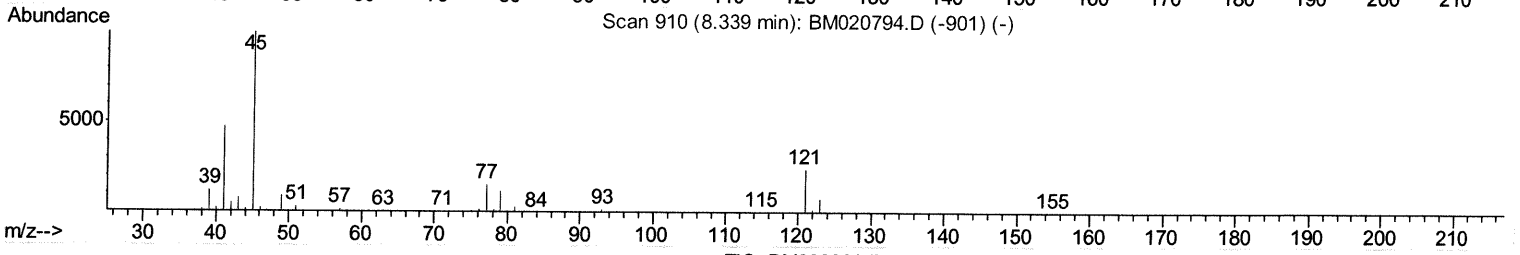




Scan 910 (8.339 min): BM020794.D (-901) (-)



TIC: BM020808.D

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

8.333min (-0.006) 10.28ng/ul

response 291366

Ion	Exp%	Act%
45.00	100	100
77.00	16.20	16.07
79.00	12.80	11.88
0.00	0.00	0.00

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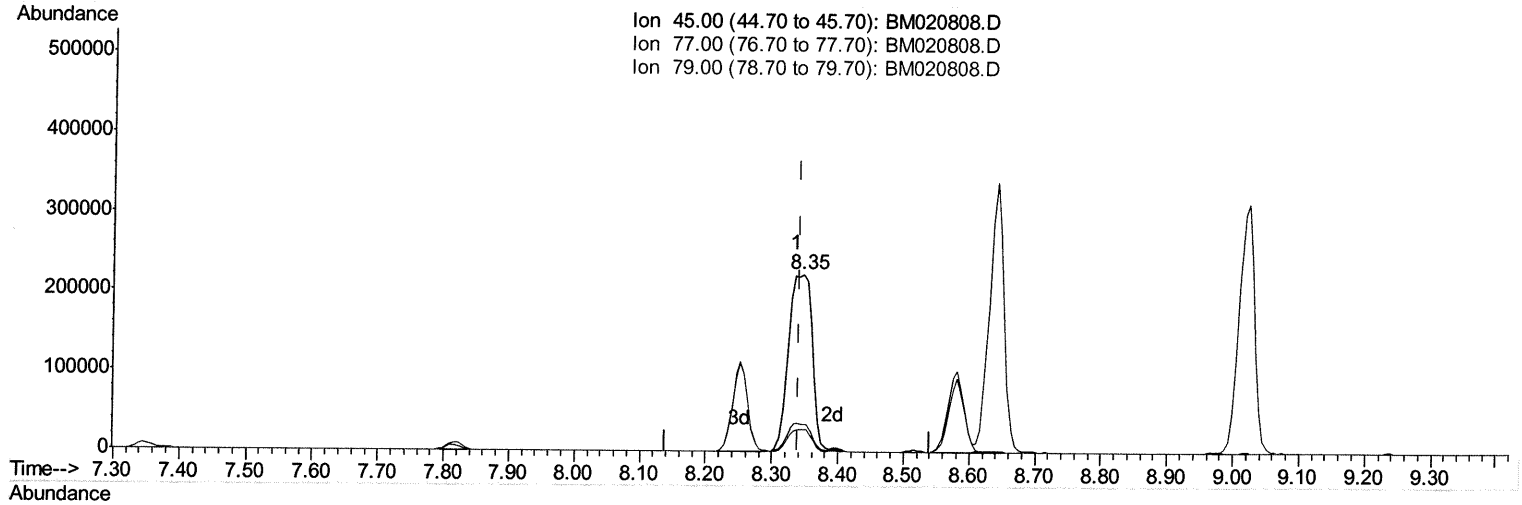
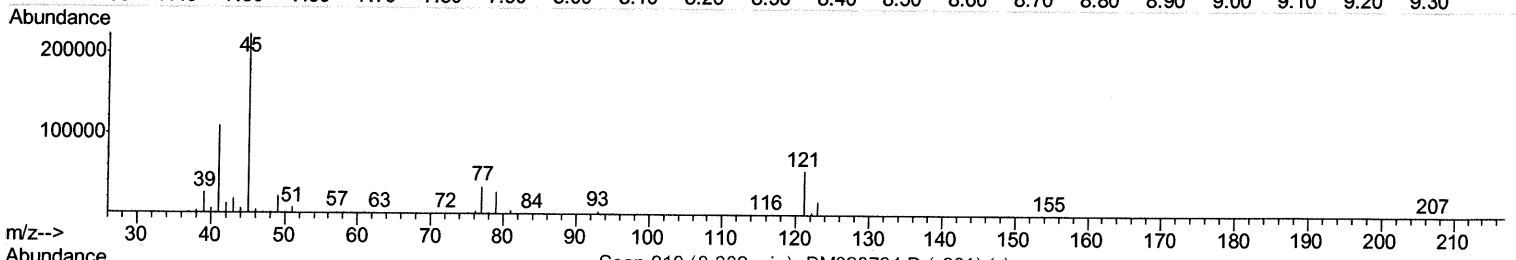
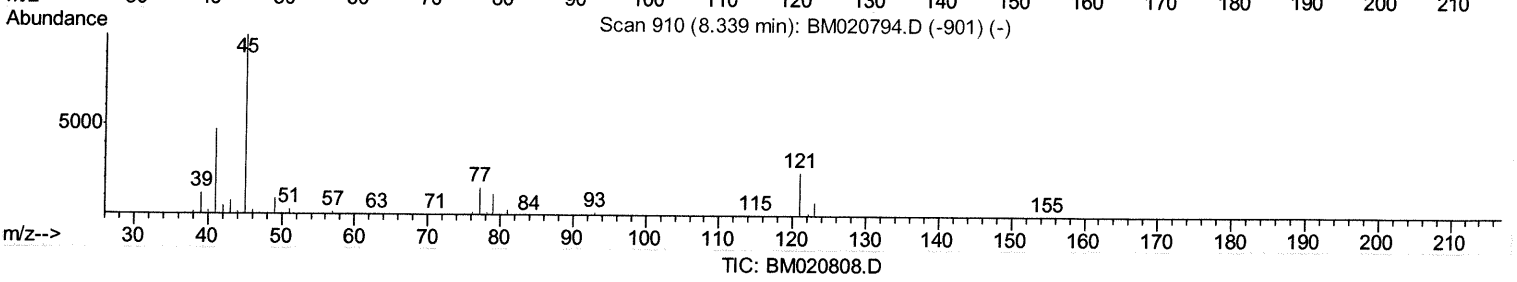




Scan 910 (8.339 min): BM020794.D (-901) (-)



TIC: BM020808.D

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

8.345min (+0.006) 19.71ng/ul m JU 06/10/19

response 558590

Ion	Exp%	Act%
45.00	100	100
77.00	16.20	15.51
79.00	12.80	12.60
0.00	0.00	0.00

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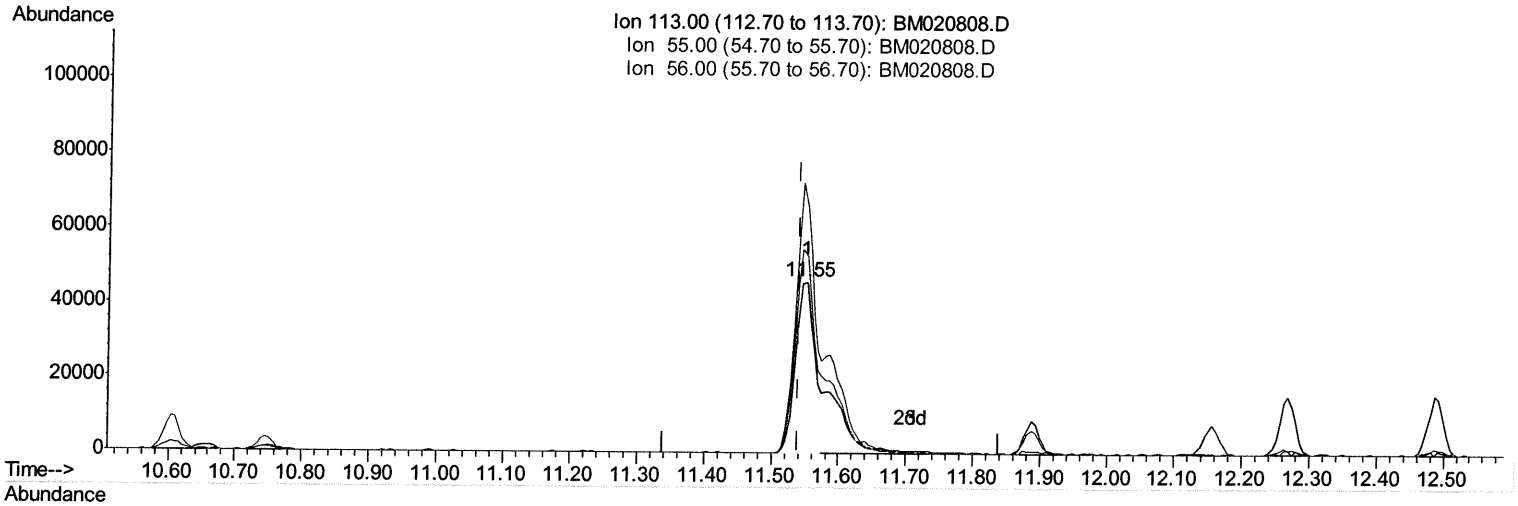

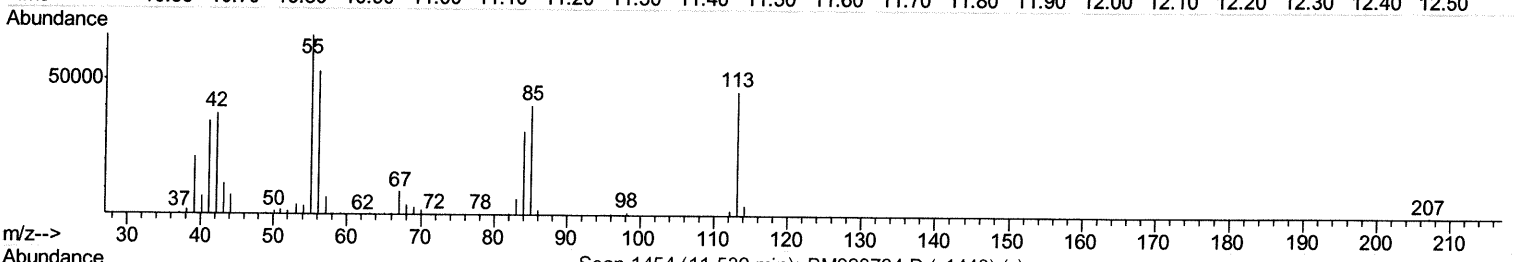

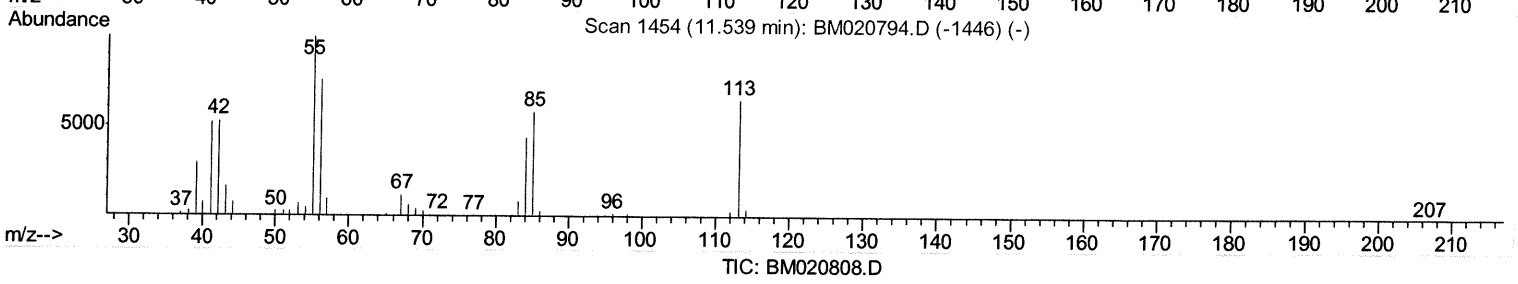

TIC: BM020808.D

(32) Caprolactam

11.551min (+0.012) 15.29ng/ul

response 92362

Ion	Exp%	Act%
113.00	100	100
55.00	157.50	143.99
56.00	124.60	115.61
0.00	0.00	0.00

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mohammad
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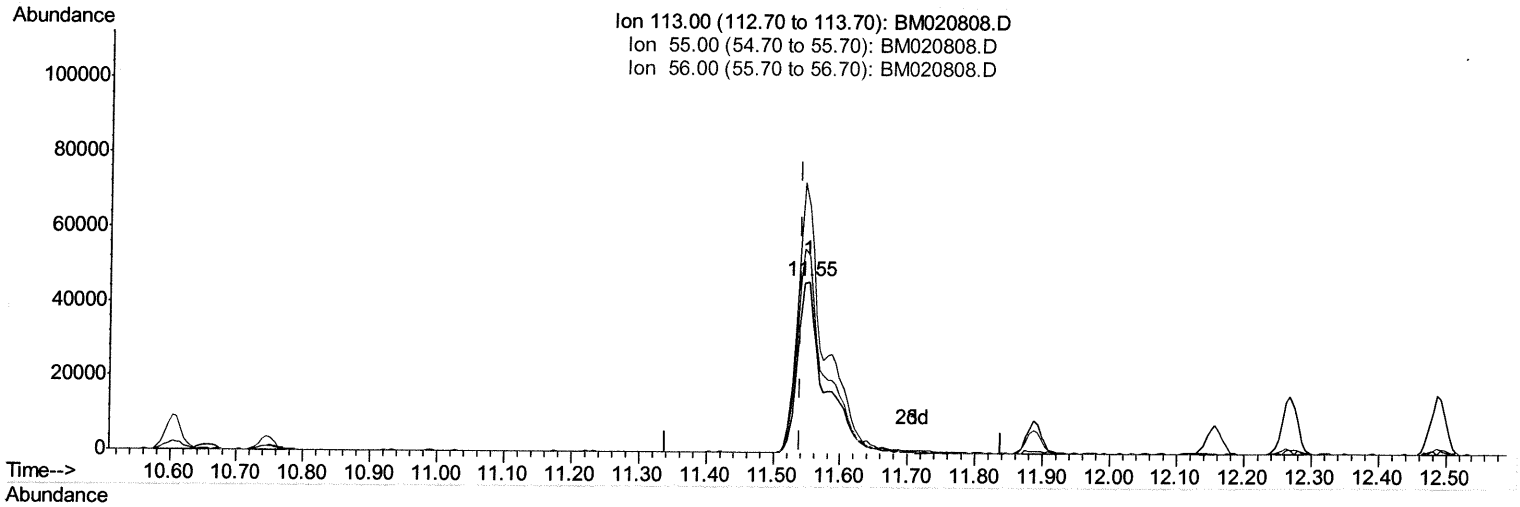

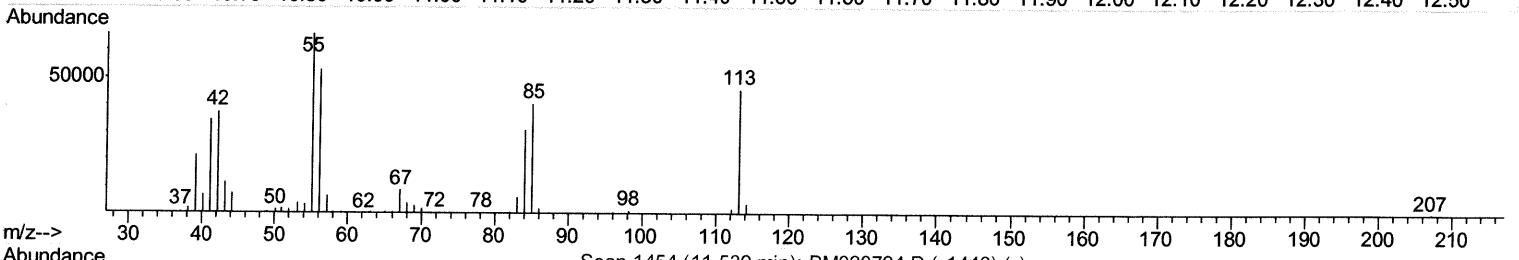

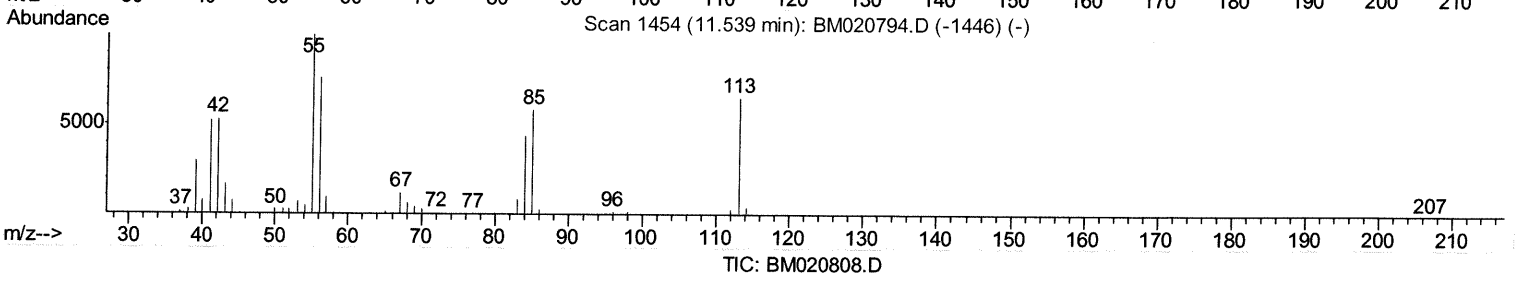

(32) Caprolactam

11.551min (+0.012) 21.61ng/ul m JV 06/10/19

response 130541

Ion	Exp%	Act%
113.00	100	100
55.00	157.50	143.99
56.00	124.60	115.61
0.00	0.00	0.00

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Manual Integrations APPROVED
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6/14/2019 8:41:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	353720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1430728	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	815850	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1802885	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1668385	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	1910356	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	57257	7.72	ng/uL	0.00
5) Phenol-d5	6.98	99	544839	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	318630	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	457735	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	432162	19.85	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	211747	21.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	236914	23.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	462150	22.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	537955	21.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1271062	21.06	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1617008	21.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	220874	21.33	ng/ul	0.00
57) Fluorene-d10	15.44	176	1072542	20.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	155484	16.86	ng/ul	0.00
70) Anthracene-d10	17.30	188	1647636	20.92	ng/ul	0.00
78) Pyrene-d10	19.59	212	1703895	21.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1807021	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	59242	7.603	ng/uL	95
4) Benzaldehyde	6.96	77	394530	19.348	ng/ul	99
6) Phenol	7.00	94	552334	19.825	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.25	93	426484	19.730	ng/ul	97
10) 2-Chlorophenol	7.38	128	460759	20.781	ng/ul	97
11) 2-Methylphenol	8.25	108	417110	20.149	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	558590m>	19.713	ng/ul	
14) Acetophenone	8.64	105	663366	19.715	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	355635	20.078	ng/ul	99
16) 4-Methylphenol	8.58	108	446683	19.729	ng/ul	99
17) Hexachloroethane	8.89	117	187168	20.076	ng/ul	95
20) Nitrobenzene	9.02	77	509577	20.727	ng/ul	98
21) Isophorone	9.54	82	947960	20.868	ng/ul	99
23) 2-Nitrophenol	9.73	139	252106	22.367	ng/ul	96
24) 2,4-Dimethylphenol	9.78	107	507026	20.927	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	576949	20.471	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	444694	21.445	ng/ul	98
28) Naphthalene	10.66	128	1399001	20.820	ng/ul	99
30) 4-Chloroaniline	10.77	127	543581	21.052	ng/ul	97
31) Hexachlorobutadiene	10.93	225	296048	21.077	ng/ul	97
32) Caprolactam	11.55	113	130541m	21.609	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	455923	21.307	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	1031176	20.893	ng/ul	98

JU 06/10/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	554927	20.989	ng/ul	100
37) Hexachlorocyclopentadiene	12.61	237	223083	13.597	ng/ul	98
38) 2,4,6-Trichlorophenol	12.88	196	357802	22.534	ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	377181	21.872	ng/ul	98
40) 1,1'-Biphenyl	13.29	154	1327884	20.973	ng/ul	100
41) 2-Chloronaphthalene	13.33	162	1025298	21.042	ng/ul	99
42) 2-Nitroaniline	13.54	65	282098	22.296	ng/ul	99
44) Dimethylphthalate	13.91	163	1263391	20.908	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	256307	22.612	ng/ul	98
47) Acenaphthylene	14.17	152	1567876	21.178	ng/ul	99
48) 3-Nitroaniline	14.36	138	246373	22.583	ng/ul	94
49) Acenaphthene	14.52	153	1073988	20.781	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	93204	15.341	ng/ul	94
52) 4-Nitrophenol	14.67	109	175151	20.630	ng/ul	95
53) Dibenzofuran	14.85	168	1511807	20.681	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	367493	22.426	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	320539	22.121	ng/ul	98
56) Diethylphthalate	15.27	149	1284708	21.286	ng/ul	99
58) Fluorene	15.50	166	1210323	20.623	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	641356	20.512	ng/ul	97
60) 4-Nitroaniline	15.53	138	283418	22.877	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	162249	16.568	ng/ul	98
64) N-Nitrosodiphenylamine	15.71	169	1069760	21.103	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	407144	21.178	ng/ul	99
66) Hexachlorobenzene	16.50	284	450414	20.604	ng/ul	100
67) Atrazine	16.66	200	393980	21.090	ng/ul	99
68) Pentachlorophenol	16.84	266	261339	20.749	ng/ul	98
69) Phenanthrene	17.24	178	1888645	20.815	ng/ul	99
71) Anthracene	17.33	178	1926853	20.717	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	563802	21.094	ng/uL	99
73) Pentachlorobenzene	14.77	250	526624	20.921	ng/uL	99
74) Carbazole	17.60	167	1700527	21.025	ng/ul	99
75) Di-n-butylphthalate	18.16	149	2230035	22.055	ng/ul	100
76) Fluoranthene	19.26	202	2153861	20.714	ng/ul	99
79) Pyrene	19.62	202	2179563	21.164	ng/ul	99
80) Butylbenzylphthalate	20.52	149	1018246	24.258	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.30	252	816253	22.073	ng/ul	99
82) Benzo(a)anthracene	21.36	228	2187239	21.016	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	1519308	21.462	ng/ul	100
84) Chrysene	21.41	228	2016605	20.882	ng/ul	99
86) Di-n-octyl phthalate	22.19	149	2585602	22.832	ng/ul	100
87) Benzo(b)fluoranthene	22.97	252	2216004	19.940	ng/ul	99
88) Benzo(k)fluoranthene	23.02	252	2148041	20.222	ng/ul	100
90) Benzo(a)pyrene	23.57	252	2149074	20.327	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.99	276	2617415	20.960	ng/ul	99
92) Dibenzo(a,h)anthracene	26.00	278	2208070	20.868	ng/ul	99
93) Benzo(g,h,i)perylene	26.70	276	2151405	21.236	ng/ul	98

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