Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101520\
Data File : BG046917.D
Acq On : 15 Oct 2020 17:47
Operator : CG/JU
Sample : SSTD01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 15 19:09:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 19:04:31 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations APPROVED
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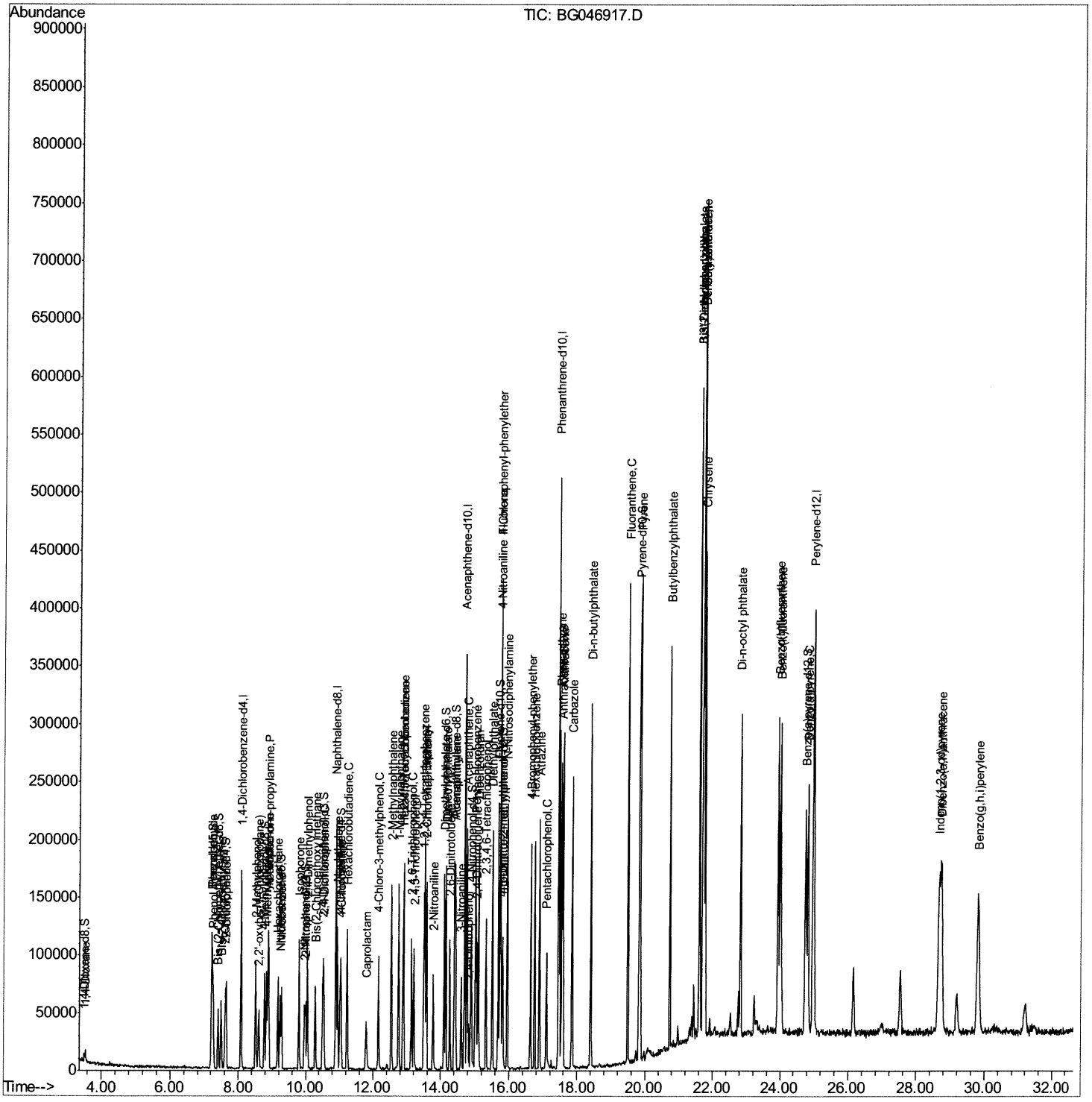

Quantitation Report (Qedit)

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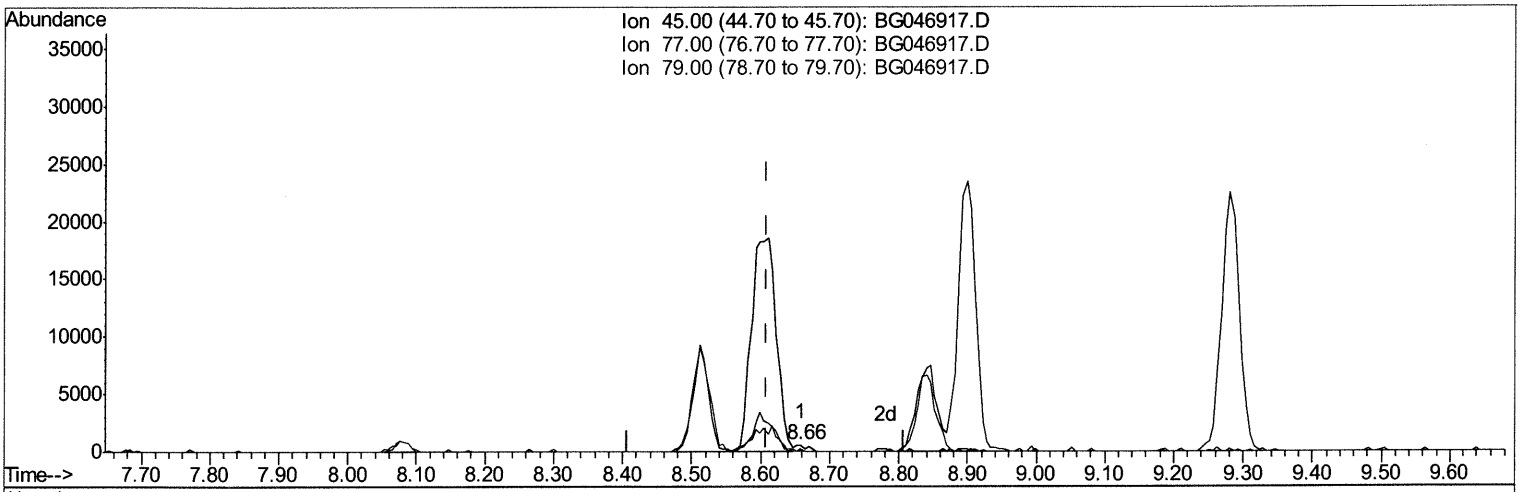

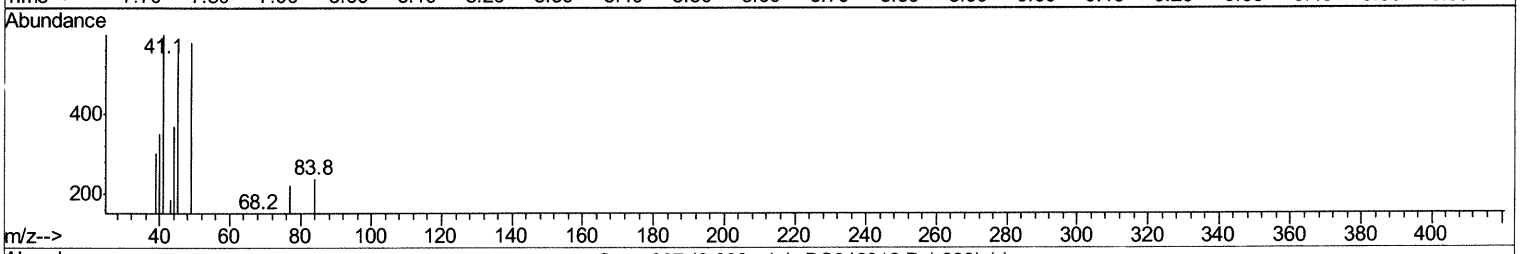

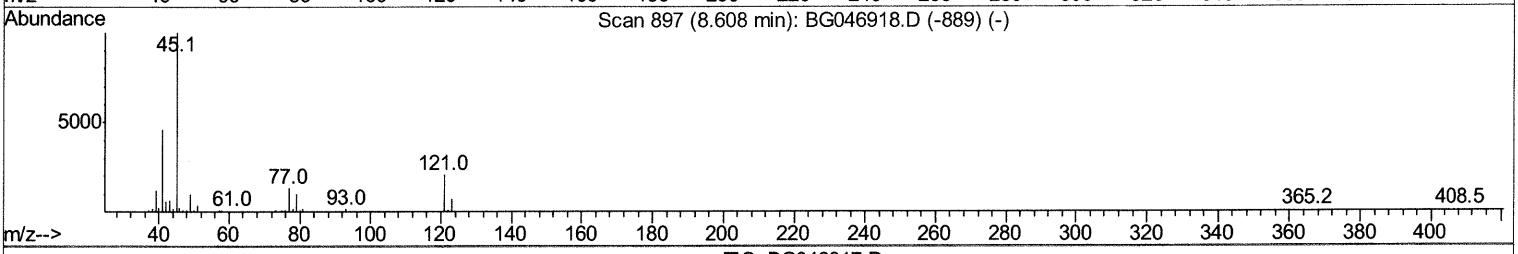

TIC: BG046917.D

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

8.658min (+0.050) 0.14ng/ul

response 709

Ion	Exp%	Act%
45.00	100	100
77.00	13.70	39.57#
79.00	10.30	27.27#
0.00	0.00	0.00

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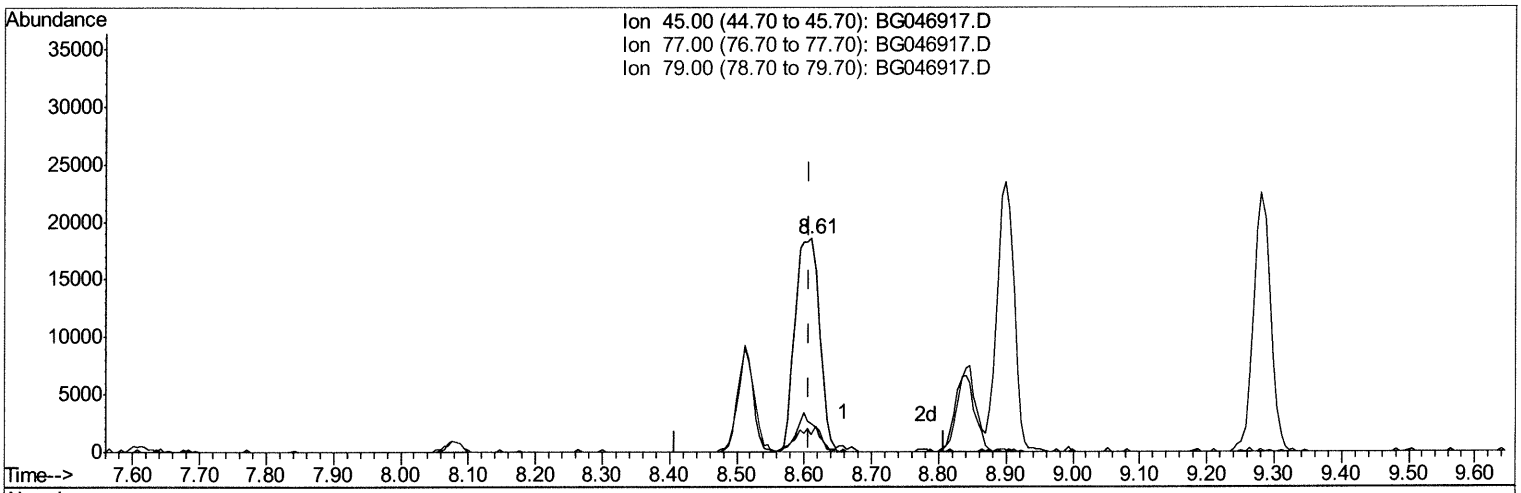

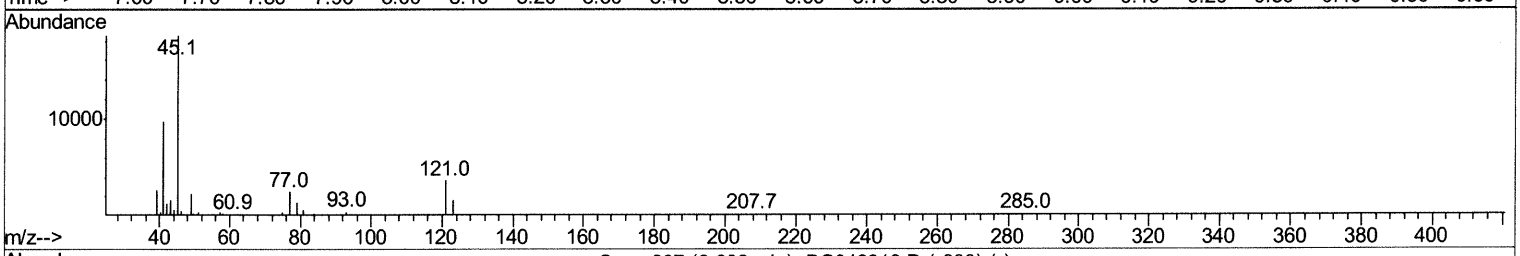

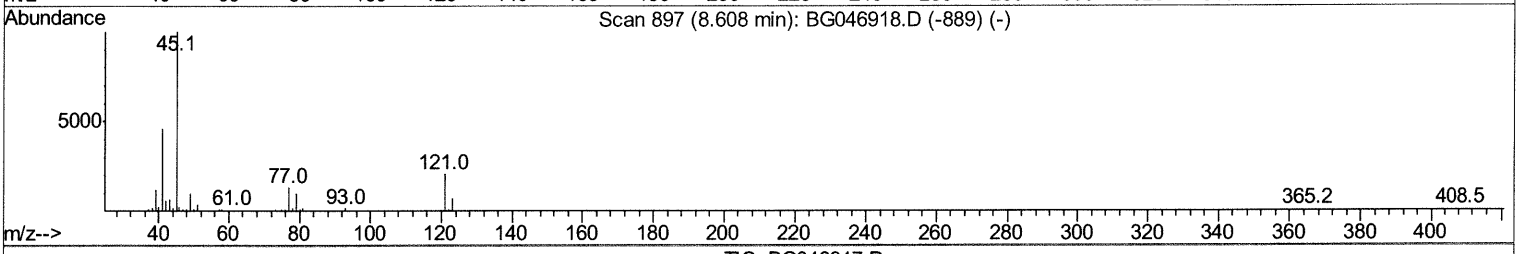

TIC: BG046917.D

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

8.611min (+0.003) 9.27ng/ul m 10/16/20 JU

response 46623

Ion	Exp%	Act%
45.00	100	100
77.00	13.70	13.45
79.00	10.30	7.97#
0.00	0.00	0.00

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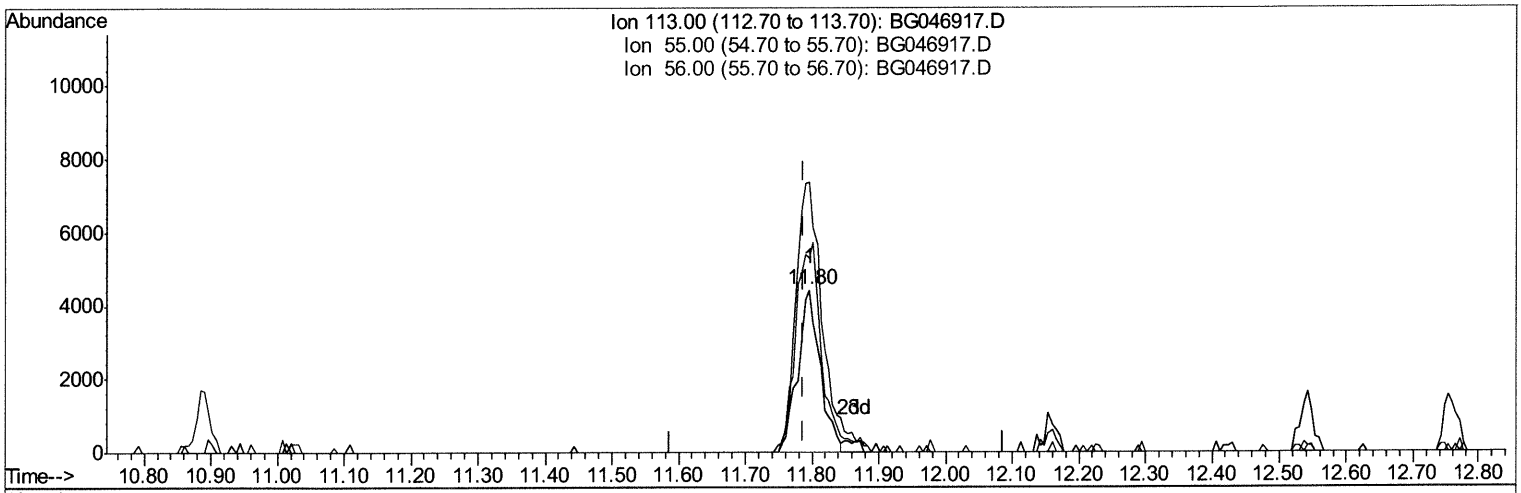

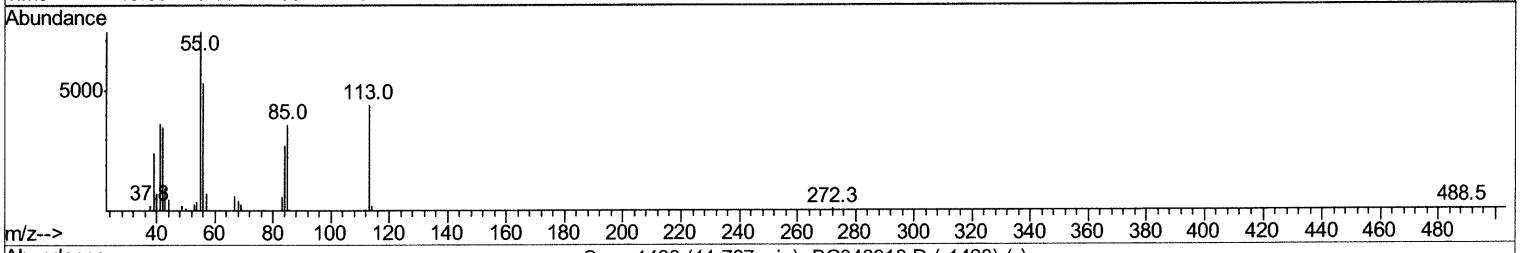

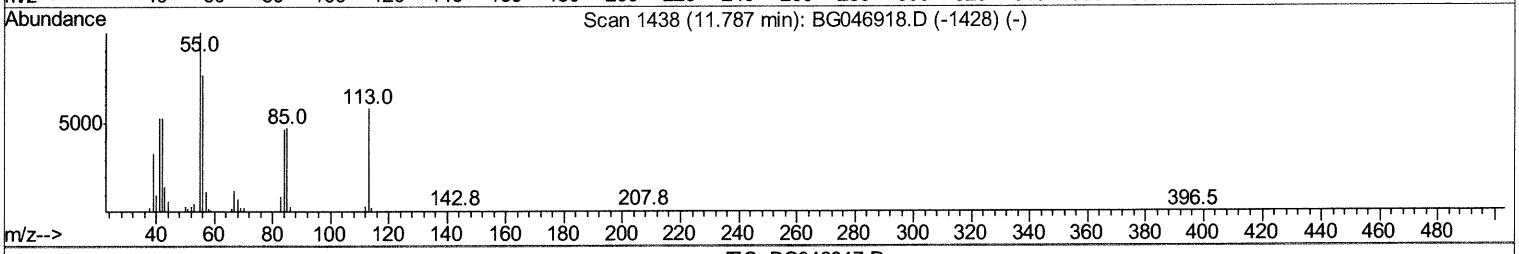

TIC: BG046917.D

(32) Caprolactam

11.796min (+0.008) 9.87ng/ul

response 10481

Ion	Exp%	Act%
113.00	100	100
55.00	172.40	166.53
56.00	131.30	119.24
0.00	0.00	0.00

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Manual Integrations APPROVED
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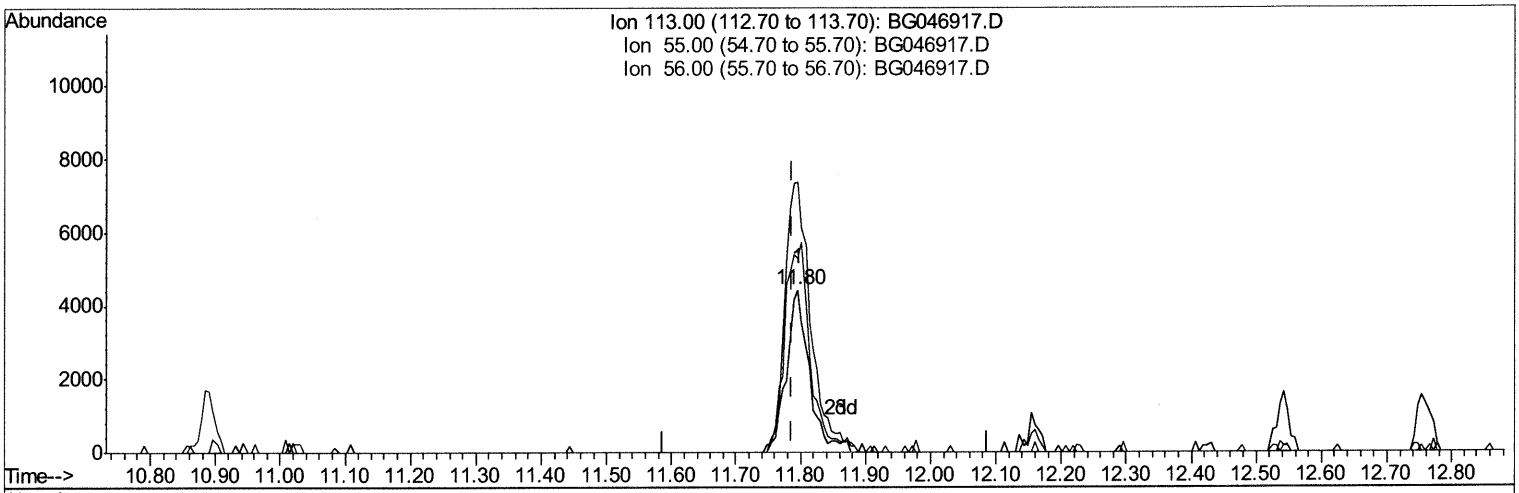

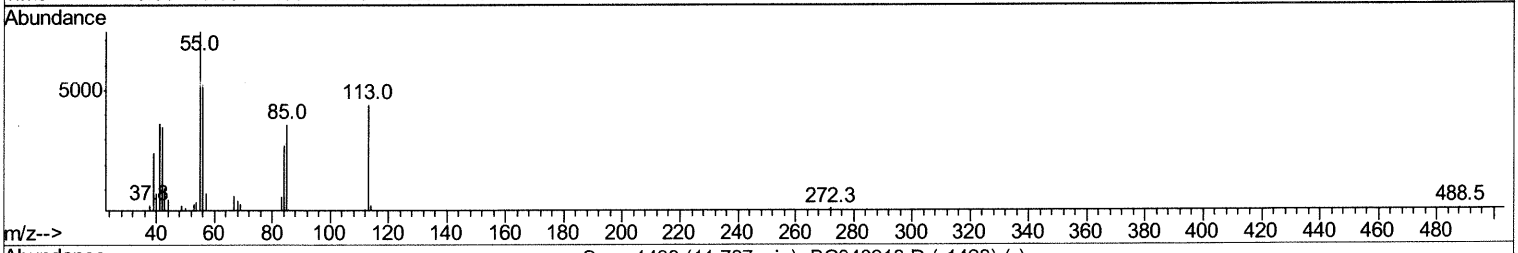

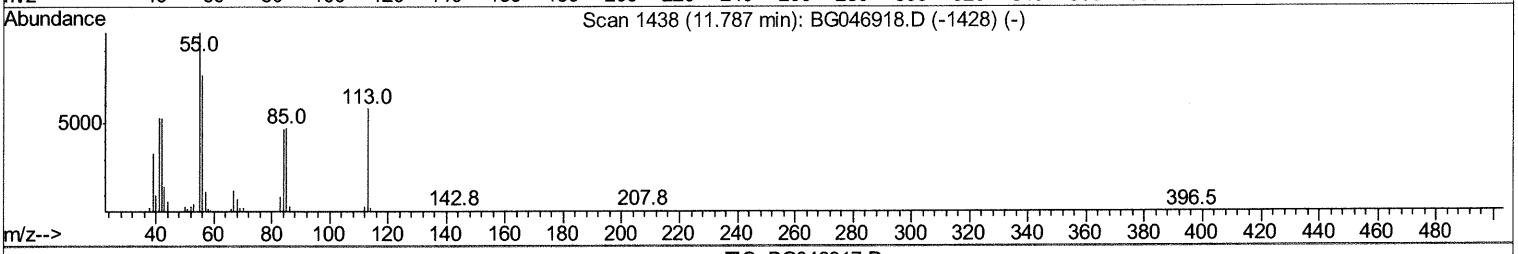

TIC: BG046917.D

(32) Caprolactam

11.796min (+0.008) 10.34ng/ul m 10/16/2020 SY

response 10981

Ion	Exp%	Act%
113.00	100	100
55.00	172.40	166.53
56.00	131.30	119.24
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	8.08	152	46281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	176679	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	128887	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	322794	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	402346	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	404280	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	3764	3.99	ng/uL	0.00
5) Phenol-d5	7.23	99	37616	9.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	24455	10.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	30648	10.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	30381	9.81	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	14931	11.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	16231	12.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	32513	10.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	40902	10.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	105856	10.75	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	122296	10.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	17038	10.15	ng/ul	0.00
58) Fluorene-d10	15.70	176	99640	10.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	19739	12.24	ng/ul	0.00
71) Anthracene-d10	17.55	188	161073	10.88	ng/ul	0.00
79) Pyrene-d10	19.83	212	216030	10.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	225402	10.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	5382	4.453	ng/uL#	88
4) Benzaldehyde	7.21	77	29108	10.419	ng/ul	93
6) Phenol	7.25	94	40881	9.852	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	33014	10.332	ng/ul	91
10) 2-Chlorophenol	7.64	128	30423	10.320	ng/ul	94
11) 2-Methylphenol	8.51	108	28935	9.459	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.61	45	46623m >	9.273	ng/ul >	10/16/2054
14) Acetophenone	8.90	105	51917	10.338	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.88	70	27301	10.065	ng/ul	97
16) 4-Methylphenol	8.84	108	31272	9.584	ng/ul	96
17) Hexachloroethane	9.17	117	14690	10.728	ng/ul	93
20) Nitrobenzene	9.28	77	39991	10.601	ng/ul	96
21) Isophorone	9.80	82	73090	9.714	ng/ul	98
23) 2-Nitrophenol	10.00	139	17901	12.227	ng/ul#	91
24) 2,4-Dimethylphenol	10.05	107	38714	10.556	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.29	93	42257	9.641	ng/ul	99
27) 2,4-Dichlorophenol	10.53	162	32532	10.570	ng/ul	99
28) Naphthalene	10.94	128	101797	10.407	ng/ul	98
30) 4-Chloroaniline	11.04	127	39904	10.908	ng/ul	94
31) Hexachlorobutadiene	11.23	225	30268	11.444	ng/ul	89
32) Caprolactam	11.80	113	10981m >	10.340	ng/ul >	10/16/2054
33) 4-Chloro-3-methylphenol	12.15	107	33603	9.990	ng/ul	95
34) 2-Methylnaphthalene	12.54	142	74671	10.442	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	73375	10.588 ng/uL#	97
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	51934	11.006 ng/ul#	89
38) Hexachlorocyclopentadiene	12.89	237	30211	9.901 ng/ul#	95
39) 2,4,6-Trichlorophenol	13.14	196	29075	10.412 ng/ul	91
40) 2,4,5-Trichlorophenol	13.21	196	31330	10.572 ng/ul	91
41) 1,1'-Biphenyl	13.54	154	105187	10.610 ng/ul	99
42) 2-Chloronaphthalene	13.59	162	85725	10.795 ng/ul	95
43) 2-Nitroaniline	13.78	65	24003	11.411 ng/ul	100
45) Dimethylphthalate	14.15	163	111490	11.186 ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	22054	12.504 ng/ul#	87
48) Acenaphthylene	14.43	152	127029	11.026 ng/ul	97
49) 3-Nitroaniline	14.60	138	19318	10.997 ng/ul#	86
50) Acenaphthene	14.77	153	86661	10.570 ng/ul	97
51) 2,4-Dinitrophenol	14.81	184	11032	10.414 ng/ul	93
53) 4-Nitrophenol	14.90	109	18067	10.862 ng/ul	91
54) Dibenzofuran	15.10	168	131211	10.892 ng/ul	97
55) 2,4-Dinitrotoluene	15.06	165	31299	12.826 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.33	232	30108	10.904 ng/ul	91
57) Diethylphthalate	15.51	149	112081	11.254 ng/ul	95
59) Fluorene	15.75	166	106938	10.932 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.74	204	61508	10.923 ng/ul	95
61) 4-Nitroaniline	15.76	138	22118	11.451 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.82	198	20300	11.463 ng/ul#	94
65) N-Nitrosodiphenylamine	15.96	169	94794	10.202 ng/ul	95
66) 4-Bromophenyl-phenylether	16.64	248	41654	10.334 ng/ul	97
67) Hexachlorobenzene	16.75	284	44806	12.895 ng/ul#	92
68) Atrazine	16.90	200	42876	11.139 ng/ul	98
69) Pentachlorophenol	17.10	266	23589	9.286 ng/ul	98
70) Phenanthrene	17.49	178	192027	10.882 ng/ul	99
72) Anthracene	17.58	178	191434	10.707 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	51353	10.310 ng/uL	96
74) Pentachlorobenzene	15.02	250	52627	10.398 ng/uL	95
75) Carbazole	17.85	167	163203	11.452 ng/ul	98
76) Di-n-butylphthalate	18.41	149	209988	11.881 ng/ul	99
77) Fluoranthene	19.50	202	263932	12.595 ng/ul	99
80) Pyrene	19.86	202	275213	10.642 ng/ul	98
81) Butylbenzylphthalate	20.74	149	96907	10.752 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.61	252	99516	10.576 ng/ul	100
83) Benzo(a)anthracene	21.70	228	287072	10.905 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	142237	10.612 ng/ul	96
85) Chrysene	21.77	228	274397	10.745 ng/ul	99
87) Di-n-octyl phthalate	22.82	149	239418	10.843 ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	281105	10.540 ng/ul	98
89) Benzo(k)fluoranthene	24.00	252	282434	10.864 ng/ul	99
91) Benzo(a)pyrene	24.82	252	252921	10.382 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.66	276	299669	10.026 ng/ul	97
93) Dibenzo(a,h)anthracene	28.73	278	258778	10.449 ng/ul	100
94) Benzo(g,h,i)perylene	29.83	276	259868	10.378 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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