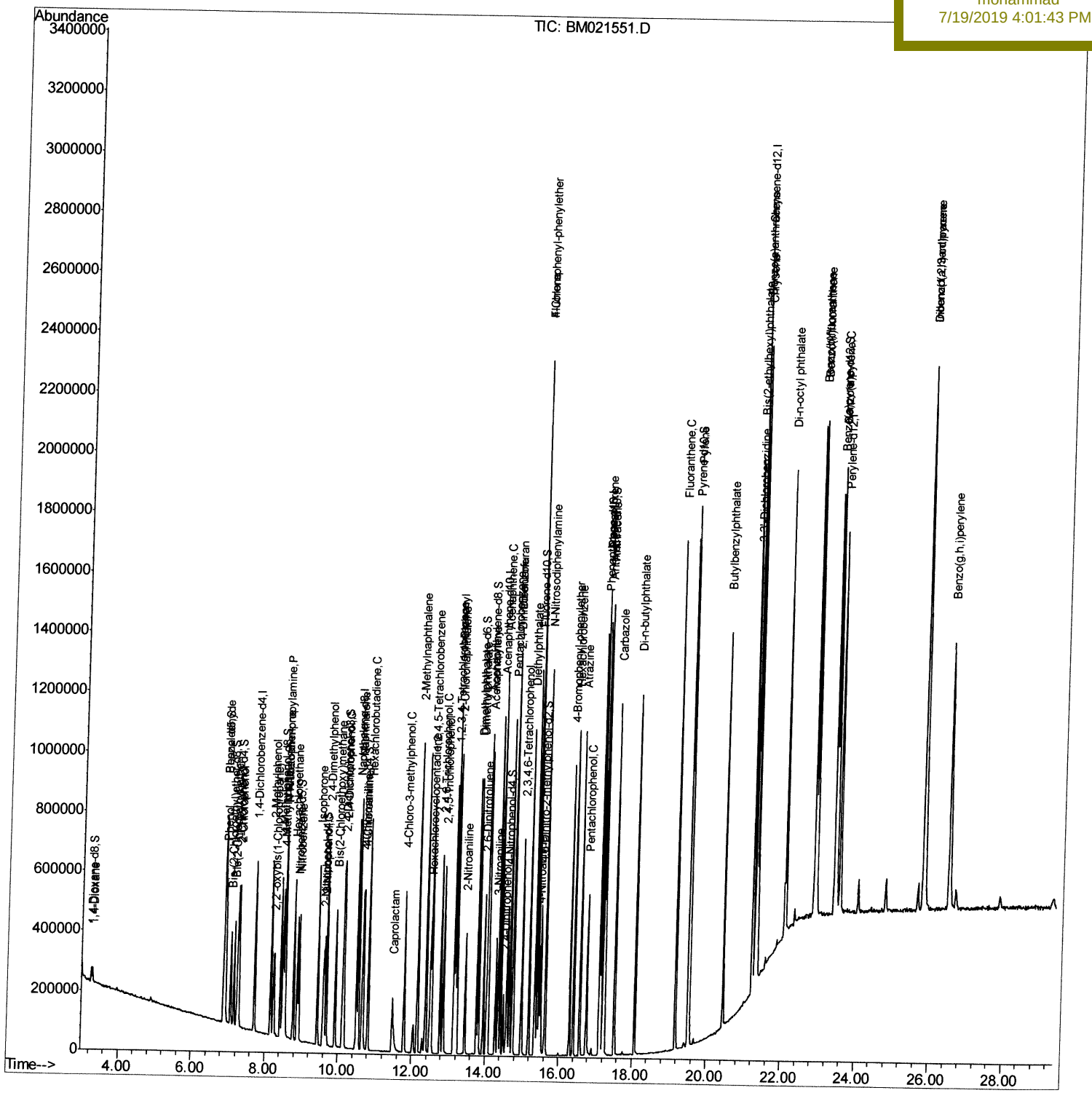
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021551.D
Acq On : 19 Jul 2019 09:06
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 65 Sample Multiplier: 1

Quant Time: Jul 19 09:47:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
mohammad
7/19/2019 4:01:43 PM



Quantitation Report (Qedit)

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Quant Time: Jul 19 09:42:08 2019
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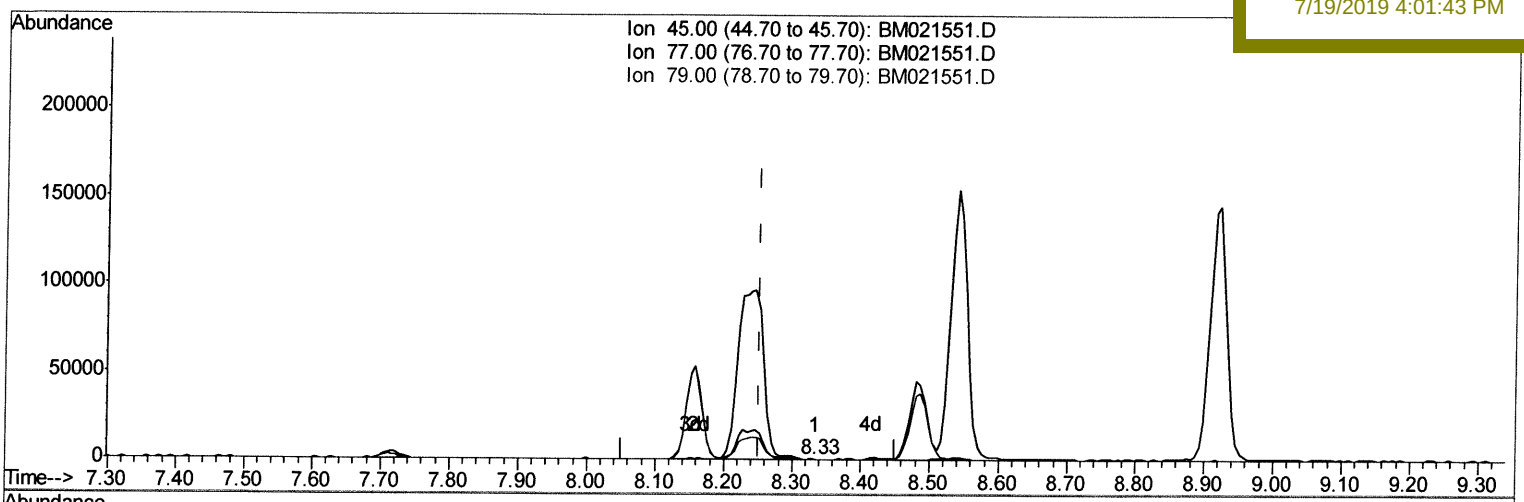

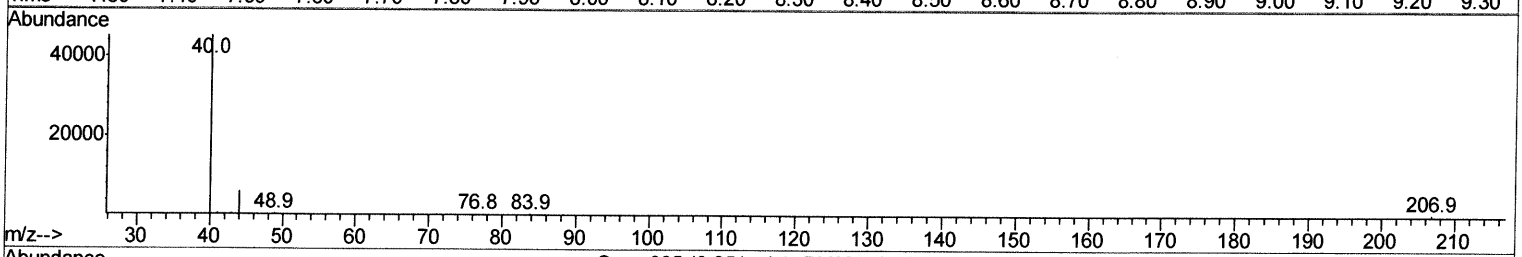

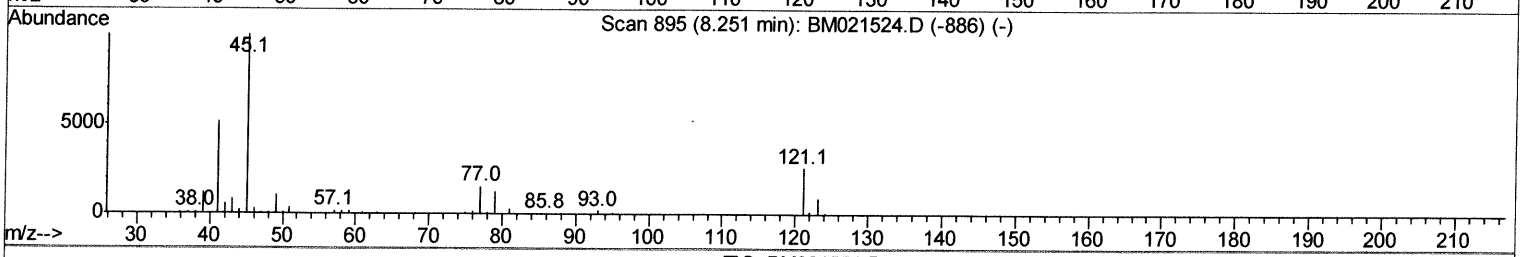

TIC: BM021551.D

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

8.334min (+0.082) 0.01ng/ul

response 131

Ion	Exp%	Act%
45.00	100	100
77.00	17.70	89.22#
79.00	13.40	0.00#
0.00	0.00	0.00

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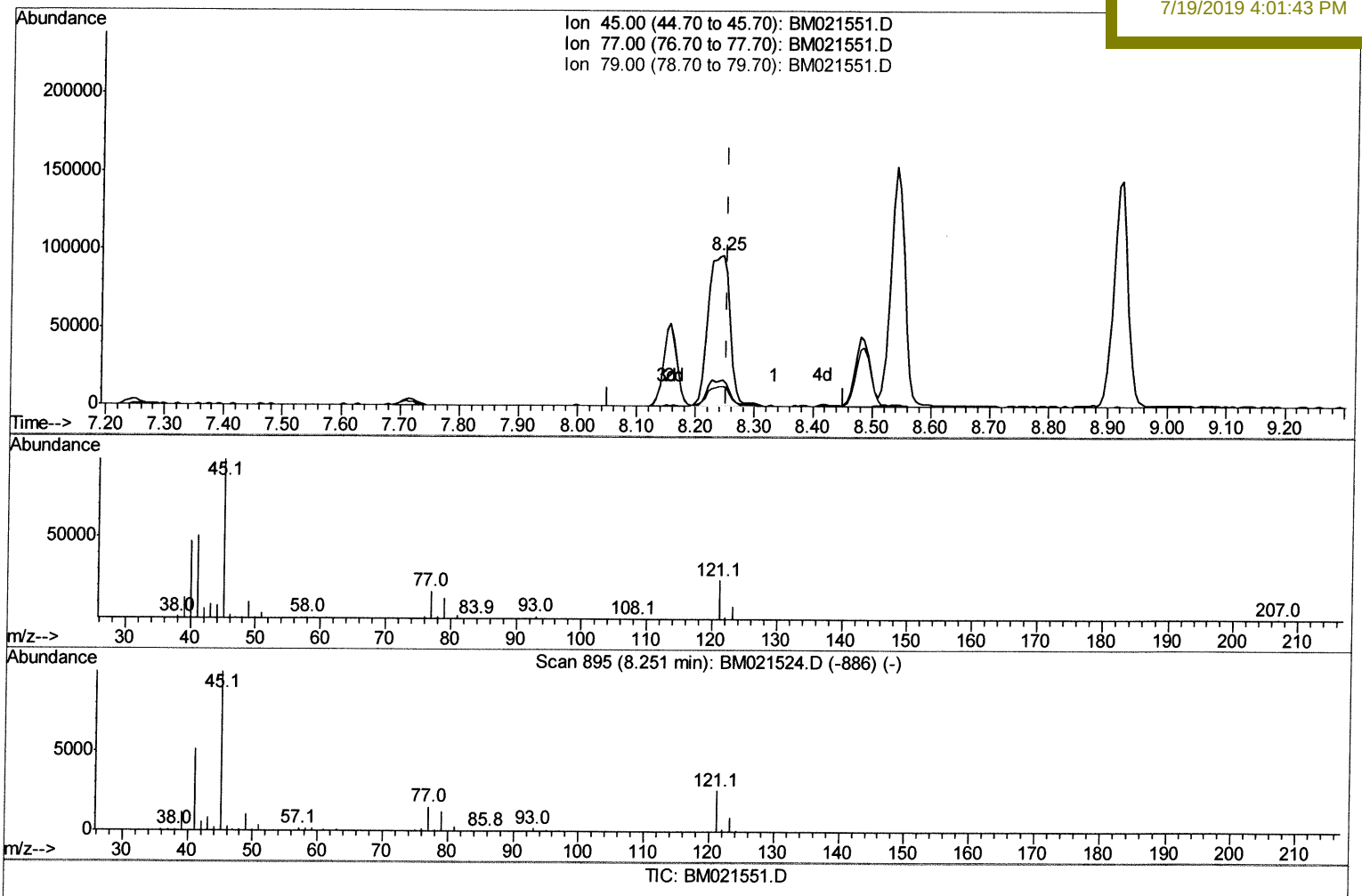

TIC: BM021551.D

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

8.245min (-0.006) 22.24ng/ul m JU 07/19/19

response 250784

Ion	Exp%	Act%
45.00	100	100
77.00	17.70	17.45
79.00	13.40	13.02
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
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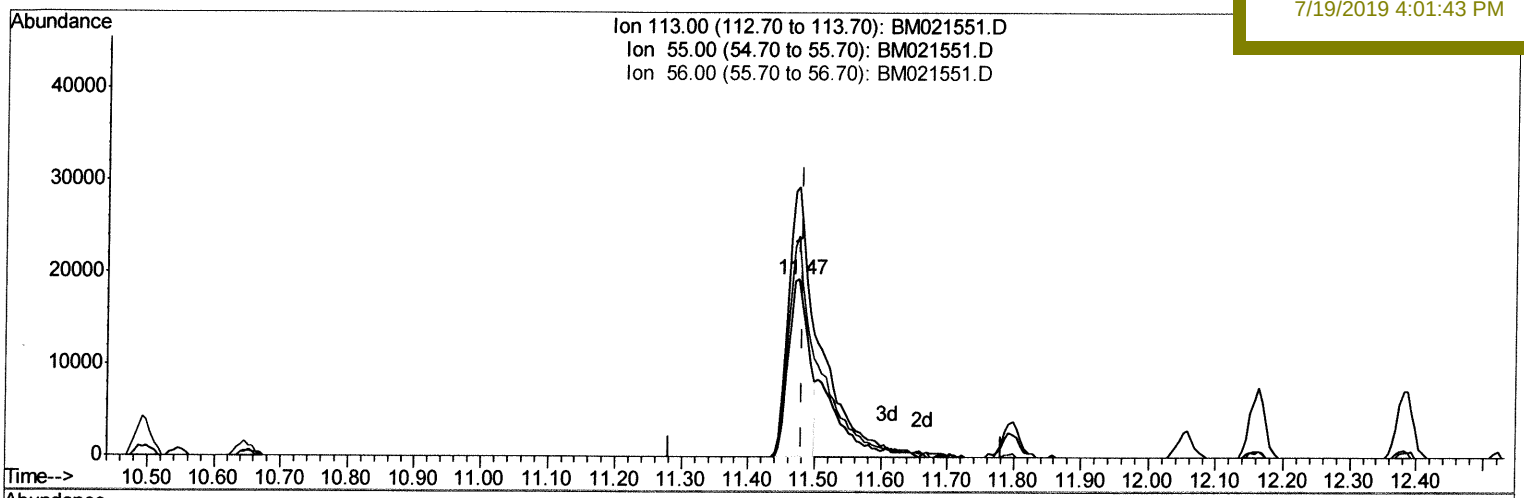

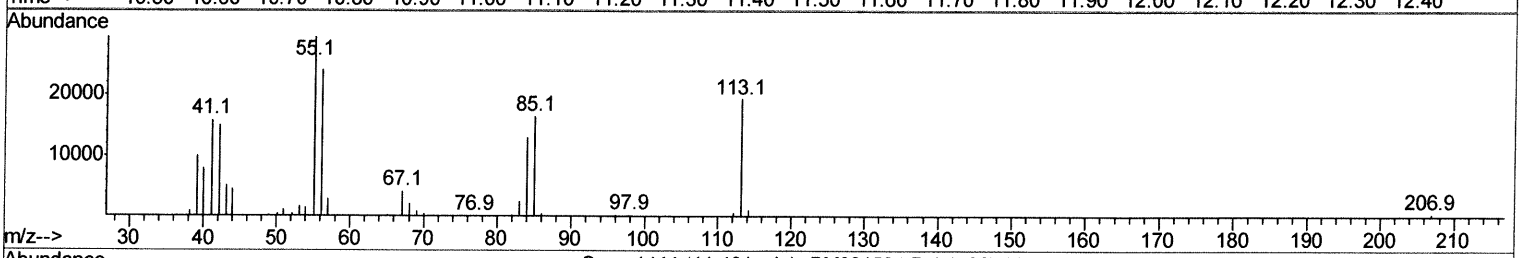

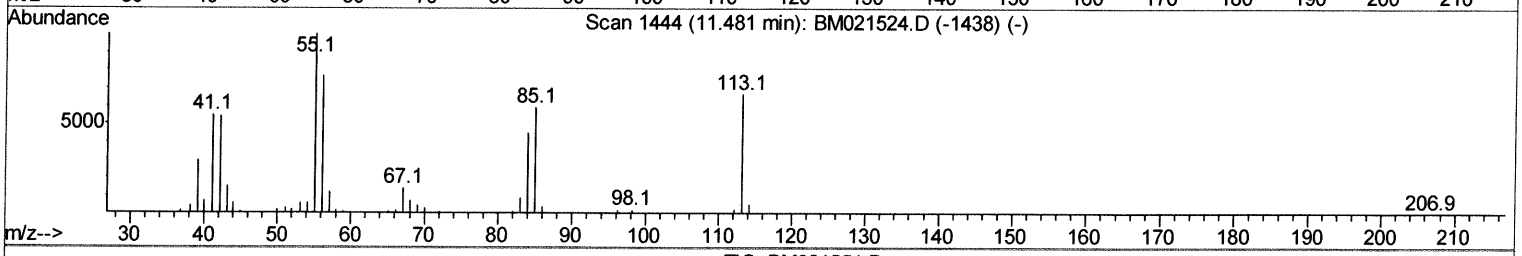

TIC: BM021551.D

(32) Caprolactam

11.475min (-0.006) 14.42ng/ul

response 40426

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	151.74
56.00	116.00	124.03
0.00	0.00	0.00

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Misc :
ALS Vial : 65 Sample Multiplier: 1

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Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
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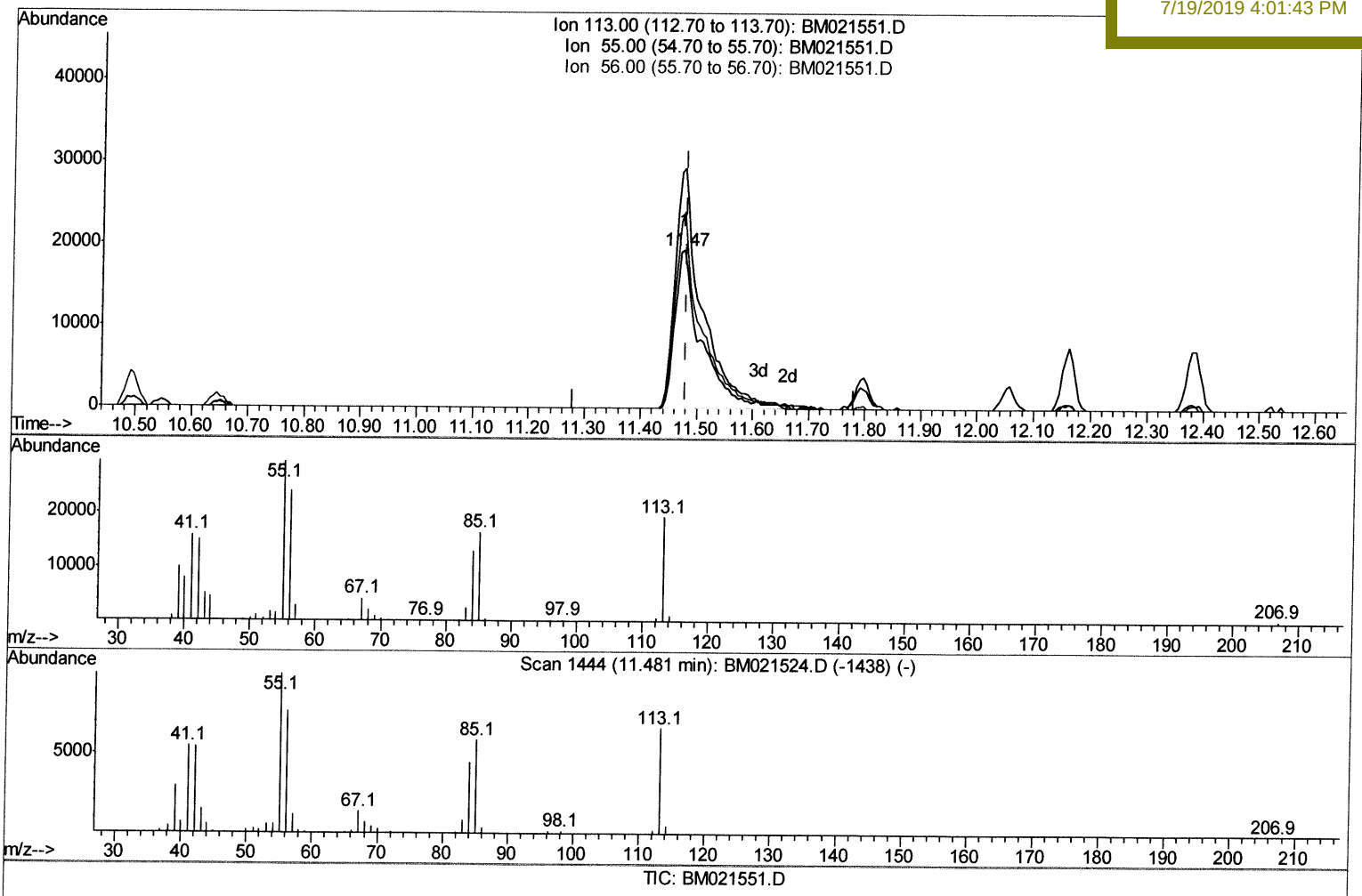

TIC: BM021551.D

(32) Caprolactam

11.475min (-0.006) 22.67ng/ul m JU 07/19/19

response 63558

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	151.74
56.00	116.00	124.03
0.00	0.00	0.00

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Misc :
ALS Vial : 65 Sample Multiplier: 1

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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	7.72	152	160716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	632262	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	361820	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	798502	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	807755	20.00	ng/ul	-0.01
85) Perylene-d12	23.55	264	906404	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	26045	7.98	ng/uL	0.00
5) Phenol-d5	6.89	99	239787	19.19	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	142037	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	206217	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	194086	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	96129	18.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	100795	17.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	219939	18.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	239731	22.57	ng/ul	-0.01
43) Dimethylphthalate-d6	13.77	166	585708	18.48	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	760592	19.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	80930	16.12	ng/ul	0.00
57) Fluorene-d10	15.35	176	517318	18.29	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.49	200	78354	14.60	ng/ul	0.00
70) Anthracene-d10	17.21	188	791354	19.08	ng/ul	0.00
78) Pyrene-d10	19.50	212	860440	19.41	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.41	264	943098	18.09	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	27149	7.917	ng/uL	96
4) Benzaldehyde	6.87	77	172711	25.600	ng/ul	98
6) Phenol	6.92	94	245595	20.533	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	192734	20.841	ng/ul	99
10) 2-Chlorophenol	7.28	128	209188	20.237	ng/ul	98
11) 2-Methylphenol	8.16	108	184474	20.240	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	250784m	> 22.239	ng/ul	
14) Acetophenone	8.54	105	309893	20.670	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	153076	20.362	ng/ul	96
16) 4-Methylphenol	8.48	108	199358	20.631	ng/ul	95
17) Hexachloroethane	8.77	117	95130	21.046	ng/ul	99
20) Nitrobenzene	8.92	77	242302	20.771	ng/ul	99
21) Isophorone	9.44	82	422807	20.449	ng/ul	97
23) 2-Nitrophenol	9.62	139	113251	19.311	ng/ul	97
24) 2,4-Dimethylphenol	9.68	107	233608	20.473	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	265965	20.623	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	213073	19.832	ng/ul	99
28) Naphthalene	10.55	128	670207	20.368	ng/ul	99
30) 4-Chloroaniline	10.67	127	241651	23.807	ng/ul	98
31) Hexachlorobutadiene	10.81	225	163165	20.549	ng/ul	99
32) Caprolactam	11.47	113	63558m	> 22.668	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	199063	19.905	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	483051	19.916	ng/ul	99

JV 07/19/19

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Instrument : BNA_M
LabSampleId : SSTD02048

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	293240	20.839 ng/ul	99
37) Hexachlorocyclopentadiene	12.50	237	129315	18.065 ng/ul	98
38) 2,4,6-Trichlorophenol	12.78	196	168286	20.096 ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	177614	20.011 ng/ul	96
40) 1,1'-Biphenyl	13.19	154	625620	20.659 ng/ul	99
41) 2-Chloronaphthalene	13.23	162	502399	20.701 ng/ul	99
42) 2-Nitroaniline	13.45	65	100800	19.008 ng/ul	91
44) Dimethylphthalate	13.82	163	583978	19.791 ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	98472	18.326 ng/ul	97
47) Acenaphthylene	14.08	152	702121	20.283 ng/ul	99
48) 3-Nitroaniline	14.29	138	89292	18.473 ng/ul	98
49) Acenaphthene	14.42	153	508947	20.234 ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	47738	14.773 ng/ul	94
52) 4-Nitrophenol	14.59	109	68988	18.443 ng/ul	94
53) Dibenzofuran	14.76	168	735448	20.184 ng/ul	97
54) 2,4-Dinitrotoluene	14.75	165	156033	18.933 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.99	232	152682	19.301 ng/ul	96
56) Diethylphthalate	15.19	149	560468	19.784 ng/ul	98
58) Fluorene	15.41	166	585421	19.859 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	329201	19.983 ng/ul	99
60) 4-Nitroaniline	15.46	138	85088	17.144 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.50	198	83309	15.601 ng/ul#	96
64) N-Nitrosodiphenylamine	15.63	169	487692	20.531 ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	201440	20.390 ng/ul	98
66) Hexachlorobenzene	16.40	284	237725	20.239 ng/ul	96
67) Atrazine	16.59	200	201952	23.013 ng/ul	99
68) Pentachlorophenol	16.76	266	115097	18.589 ng/ul	98
69) Phenanthrene	17.15	178	915658	20.337 ng/ul	100
71) Anthracene	17.24	178	927759	20.245 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.15	216	279079	21.321 ng/uL	99
73) Pentachlorobenzene	14.67	250	291999	21.655 ng/uL	99
74) Carbazole	17.52	167	760307	19.989 ng/ul	99
75) Di-n-butylphthalate	18.07	149	847614	19.451 ng/ul	99
76) Fluoranthene	19.17	202	1060063	19.828 ng/ul	100
79) Pyrene	19.53	202	1101004	20.595 ng/ul	97
80) Butylbenzylphthalate	20.44	149	350464	18.507 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.23	252	333772	18.584 ng/ul	99
82) Benzo(a)anthracene	21.28	228	1137388	20.561 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	525152	18.853 ng/ul	99
84) Chrysene	21.34	228	1082839	20.823 ng/ul	100
86) Di-n-octyl phthalate	22.09	149	915377	18.695 ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	1192895	21.119 ng/ul	100
88) Benzo(k)fluoranthene	22.92	252	1143451	20.324 ng/ul	99
90) Benzo(a)pyrene	23.45	252	1131820	20.745 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.81	276	1410910	20.936 ng/ul	100
92) Dibenzo(a,h)anthracene	25.83	278	1189283	20.992 ng/ul	99
93) Benzo(g,h,i)perylene	26.51	276	1162738	20.912 ng/ul	98

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