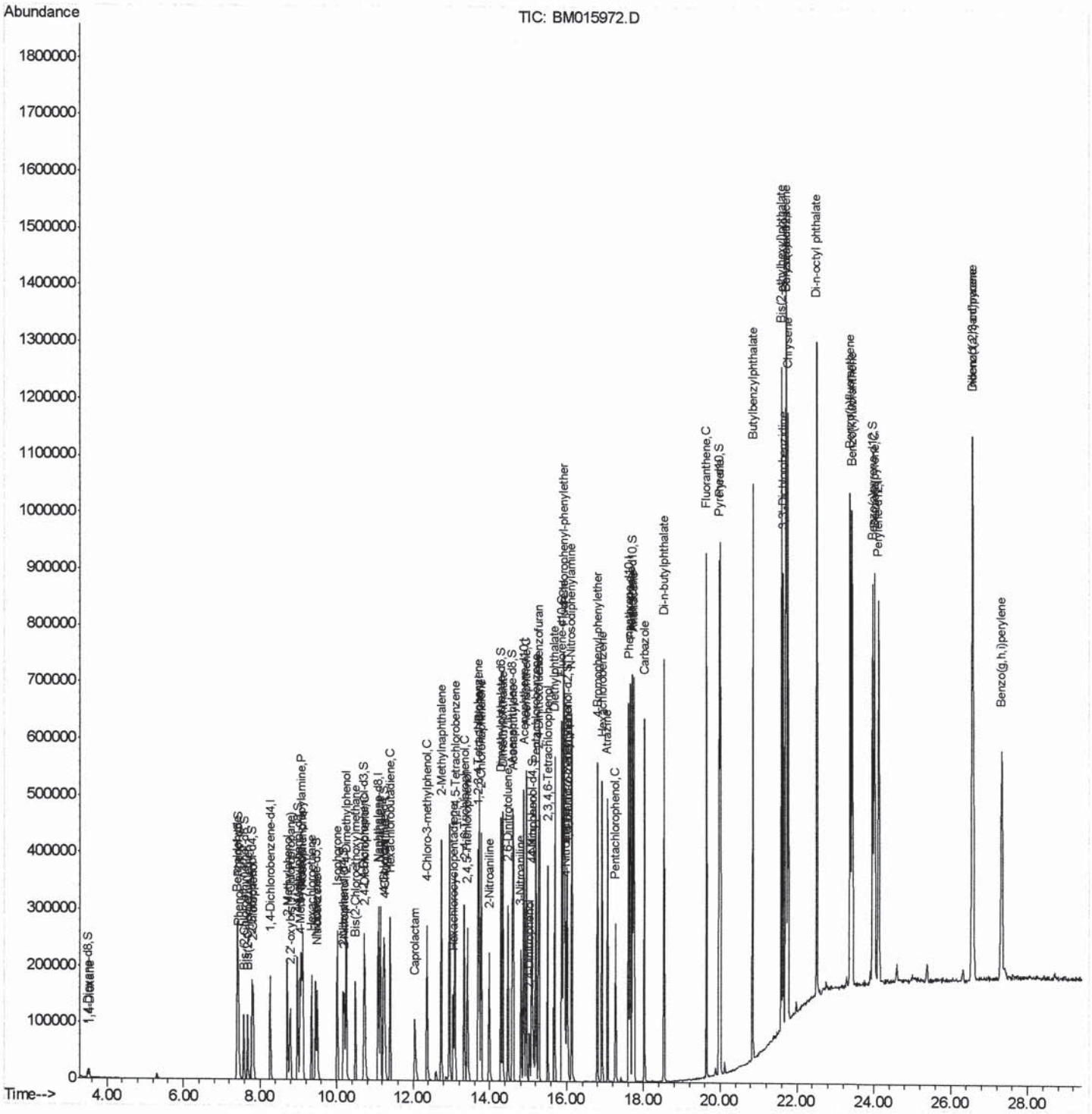
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071718\
Data File : BM015972.D
Acq On : 17 Jul 2018 17:15
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 00:58:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 17 03:03:10 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02040

Manual Integrations APPROVED
Sohil
7/18/2018 10:51:31 AM



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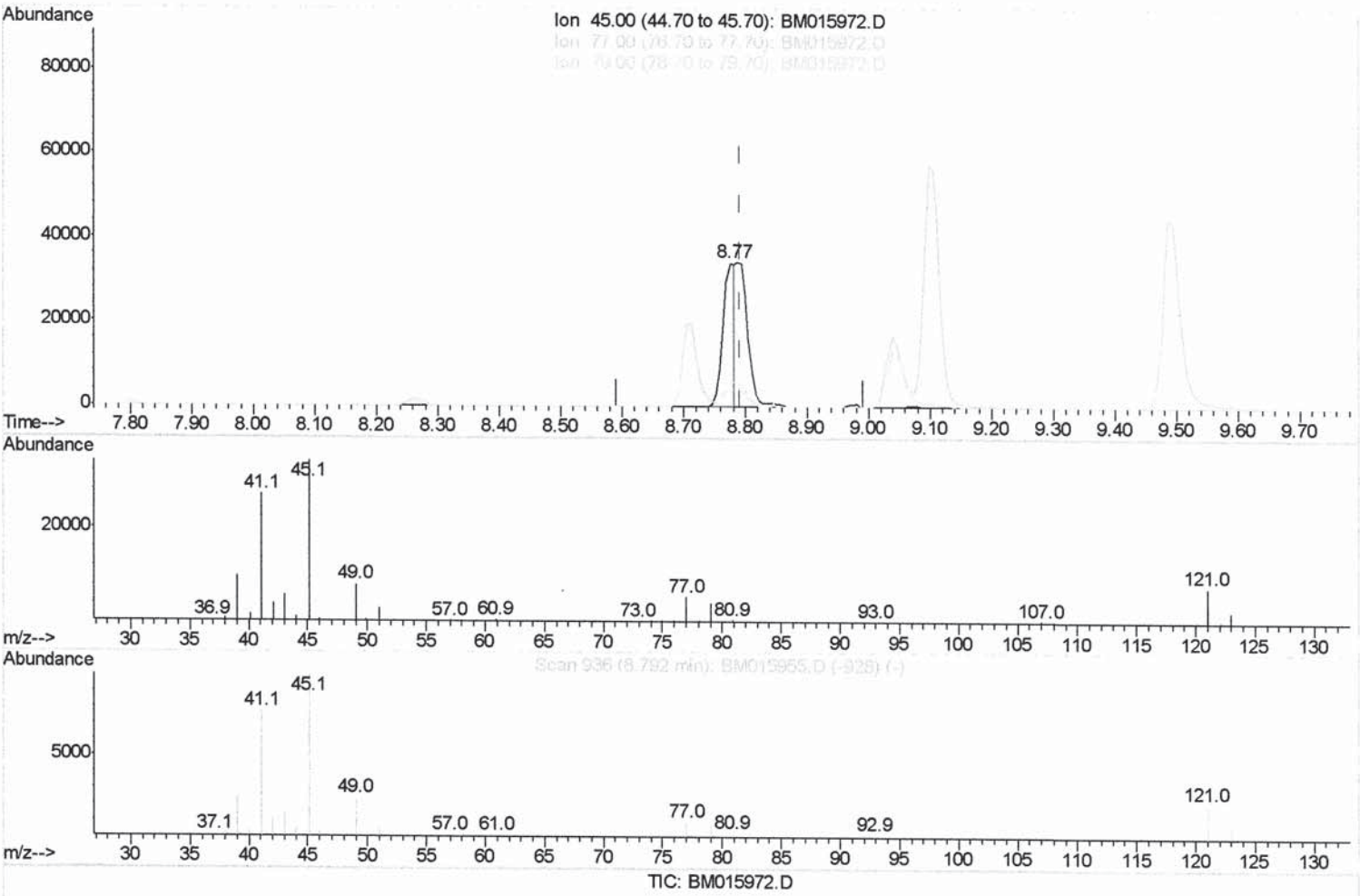

TIC: BM015972.D

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

8.775min (-0.018) 9.88ng/ul

response 45198

Ion	Exp%	Act%
45.00	100	100
77.00	19.90	16.25
79.00	15.60	12.44#
0.00	0.00	0.00

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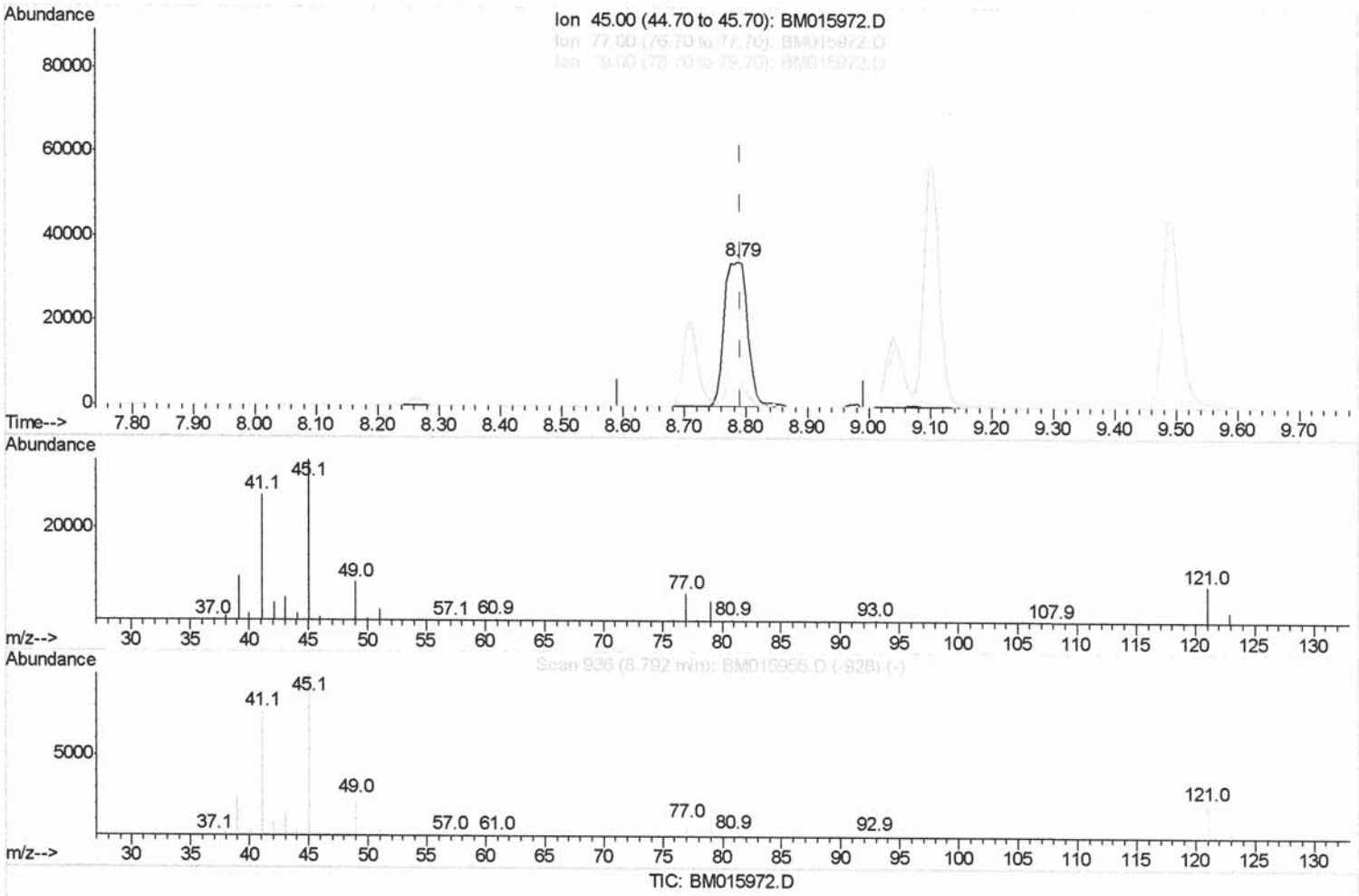

TIC: BM015972.D

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

8.787min (-0.006) 19.48ng/ul m SJ 7/19/18

response 89110

Ion	Exp%	Act%
45.00	100	100
77.00	19.90	18.06
79.00	15.60	13.04
0.00	0.00	0.00

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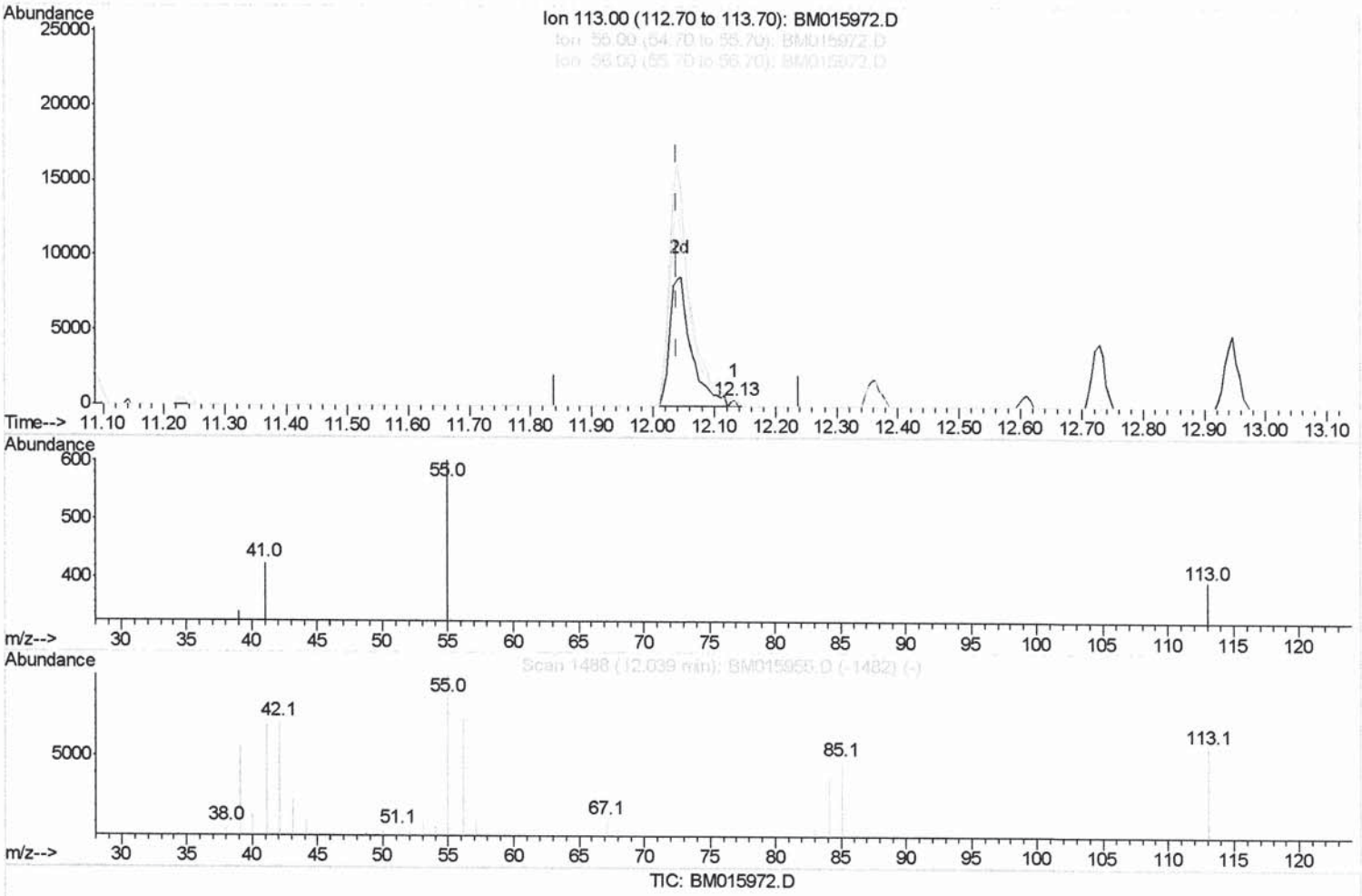

(32) Caprolactam

12.133min (+0.094) 0.23ng/ul

response 261

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	152.02
56.00	101.50	82.58
0.00	0.00	0.00

Quantitation Report (Qedit)

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LabSampleId : SSTD02040

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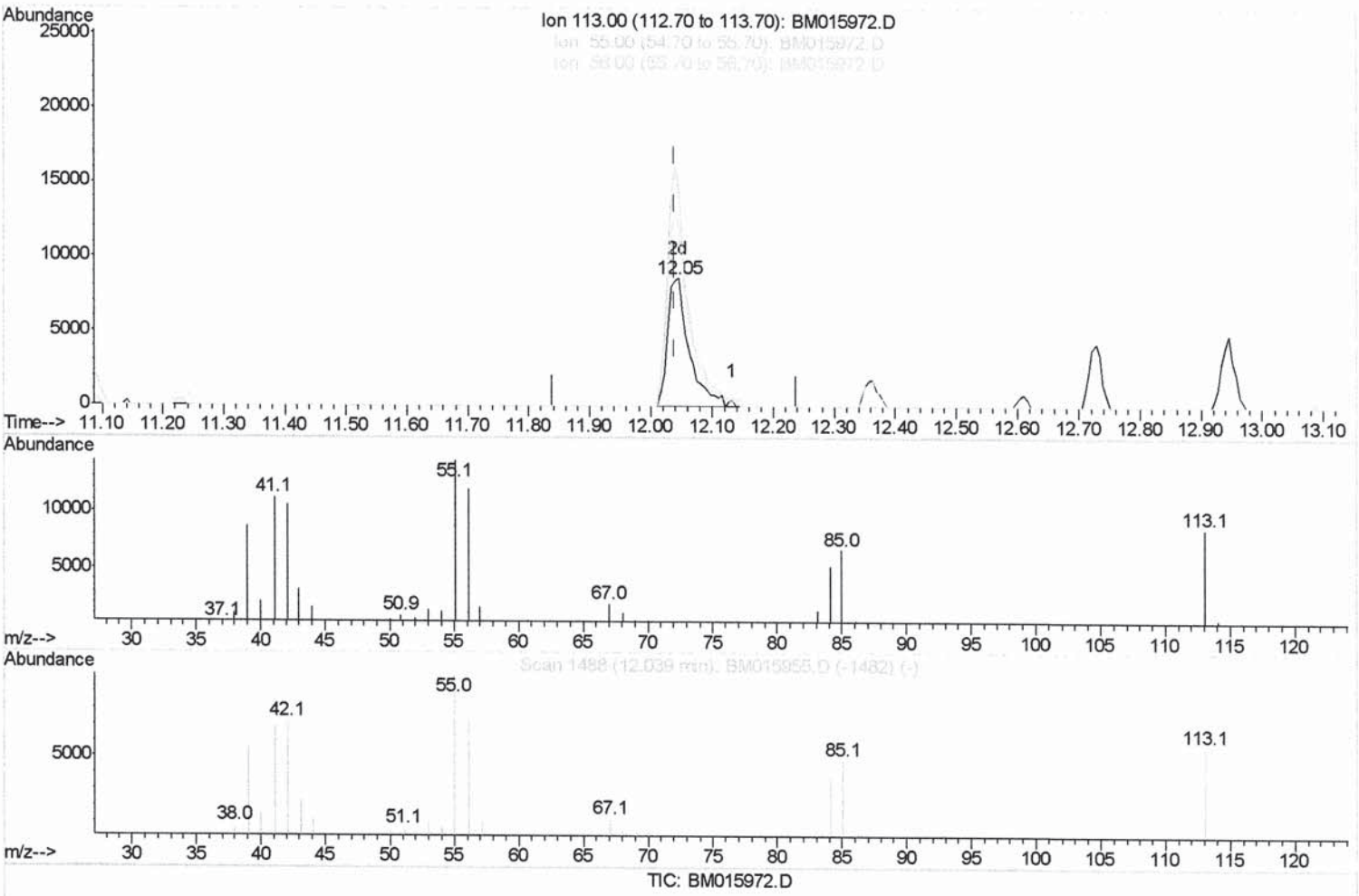

TIC: BM015972.D

(32) Caprolactam

12.045min (+0.006) 18.42ng/ul m SJ 7/19/18

response 21026

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	167.87#
56.00	101.50	138.25#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
7/18/2018 10:51:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	42495	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	218772	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.89	164	144727	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	333394	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	421444	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	441710	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7759	8.04	ng/uL	0.00
5) Phenol-d5	7.41	99	74286	19.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	49604	20.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	65257	20.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	66539	20.01	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	31331	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	35161	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	70893	20.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	96456	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	249162	18.89	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	290086	19.28	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	40914	17.90	ng/ul	0.00
57) Fluorene-d10	15.87	176	212659	19.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	37456	16.83	ng/ul	0.00
70) Anthracene-d10	17.71	188	334828	19.62	ng/ul	0.00
78) Pyrene-d10	19.97	212	386736	19.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	473776	19.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	7974	8.469	ng/uL#	78
4) Benzaldehyde	7.40	77	54377	21.785	ng/ul	84
6) Phenol	7.44	94	75845	19.450	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.67	93	56985	19.790	ng/ul#	82
10) 2-Chlorophenol	7.82	128	63917	20.409	ng/ul	93
11) 2-Methylphenol	8.71	108	58825	19.614	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.79	45	89110m	19.483	ng/ul	
14) Acetophenone	9.10	105	112477	20.355	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.07	70	58151	21.036	ng/ul#	64
16) 4-Methylphenol	9.04	108	66465	20.067	ng/ul	93
17) Hexachloroethane	9.34	117	29649	21.035	ng/ul	88
20) Nitrobenzene	9.49	77	88728	19.983	ng/ul#	86
21) Isophorone	10.01	82	154055	19.886	ng/ul#	97
23) 2-Nitrophenol	10.20	139	39577	20.647	ng/ul#	70
24) 2,4-Dimethylphenol	10.25	107	89818	20.488	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.48	93	87346	19.378	ng/ul	100
27) 2,4-Dichlorophenol	10.73	162	67992	20.076	ng/ul	97
28) Naphthalene	11.13	128	227355	19.609	ng/ul	100
30) 4-Chloroaniline	11.25	127	94562	22.535	ng/ul	100
31) Hexachlorobutadiene	11.39	225	48567	20.414	ng/ul	94
32) Caprolactam	12.05	113	21026m	18.419	ng/ul	
33) 4-Chloro-3-methylphenol	12.36	107	82256	20.686	ng/ul	98
34) 2-Methylnaphthalene	12.73	142	169807	19.739	ng/ul	98

SJ 7/19/18

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	84758	18.869 ng/ul#	95
37) Hexachlorocyclopentadiene	13.05	237	33744	15.845 ng/ul	99
38) 2,4,6-Trichlorophenol	13.33	196	56917	19.624 ng/ul	99
39) 2,4,5-Trichlorophenol	13.41	196	57383	18.622 ng/ul	99
40) 1,1'-Biphenyl	13.72	154	230668	18.821 ng/ul	98
41) 2-Chloronaphthalene	13.77	162	175933	18.599 ng/ul	98
42) 2-Nitroaniline	13.99	65	58398	19.293 ng/ul#	76
44) Dimethylphthalate	14.33	163	247892	18.975 ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	47374	20.294 ng/ul#	63
47) Acenaphthylene	14.61	152	285889	19.402 ng/ul	99
48) 3-Nitroaniline	14.80	138	46351	19.283 ng/ul	89
49) Acenaphthene	14.95	153	206214	19.268 ng/ul	95
50) 2,4-Dinitrophenol	15.03	184	17038	13.208 ng/ul#	1
52) 4-Nitrophenol	15.11	109	51834	19.022 ng/ul#	73
53) Dibenzofuran	15.28	168	291598	19.093 ng/ul	89
54) 2,4-Dinitrotoluene	15.26	165	74140	19.788 ng/ul#	52
55) 2,3,4,6-Tetrachlorophenol	15.50	232	55023	19.602 ng/ul#	84
56) Diethylphthalate	15.68	149	280565	19.759 ng/ul	97
58) Fluorene	15.93	166	237937	19.229 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.91	204	119798	19.427 ng/ul	97
60) 4-Nitroaniline	15.96	138	50395	19.114 ng/ul#	61
63) 4,6-Dinitro-2-methylphenol	16.02	198	38784	17.020 ng/ul#	75
64) N-Nitrosodiphenylamine	16.12	169	203828	19.737 ng/ul	96
65) 4-Bromophenyl-phenylether	16.80	248	69746	19.412 ng/ul	91
66) Hexachlorobenzene	16.92	284	77231	19.252 ng/ul#	85
67) Atrazine	17.06	200	77431	18.787 ng/ul	96
68) Pentachlorophenol	17.26	266	37040	17.175 ng/ul	96
69) Phenanthrene	17.66	178	378064	19.180 ng/ul	99
71) Anthracene	17.74	178	393132	19.343 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.69	216	89410	19.170 ng/uL	97
73) Pentachlorobenzene	15.20	250	90192	19.766 ng/uL	99
74) Carbazole	18.02	167	345556	18.760 ng/ul	97
75) Di-n-butylphthalate	18.54	149	464081	19.720 ng/ul#	97
76) Fluoranthene	19.64	202	464584	18.780 ng/ul	96
79) Pyrene	20.00	202	485263	19.532 ng/ul#	94
80) Butylbenzylphthalate	20.85	149	242408	20.281 ng/ul	86
81) 3,3'-Dichlorobenzidine	21.64	252	178669	19.273 ng/ul	98
82) Benzo(a)anthracene	21.72	228	528139	19.383 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	350622	20.004 ng/ul	96
84) Chrysene	21.77	228	490466	19.243 ng/ul	99
86) Di-n-octyl phthalate	22.52	149	627064	18.125 ng/ul#	86
87) Benzo(b)fluoranthene	23.39	252	531083	18.744 ng/ul	98
88) Benzo(k)fluoranthene	23.43	252	533851	19.710 ng/ul	99
90) Benzo(a)pyrene	24.02	252	519387	19.065 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.57	276	599537	17.898 ng/ul#	93
92) Dibenzo(a,h)anthracene	26.57	278	505516	17.821 ng/ul	96
93) Benzo(g,h,i)perylene	27.32	276	472647	17.647 ng/ul#	95

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