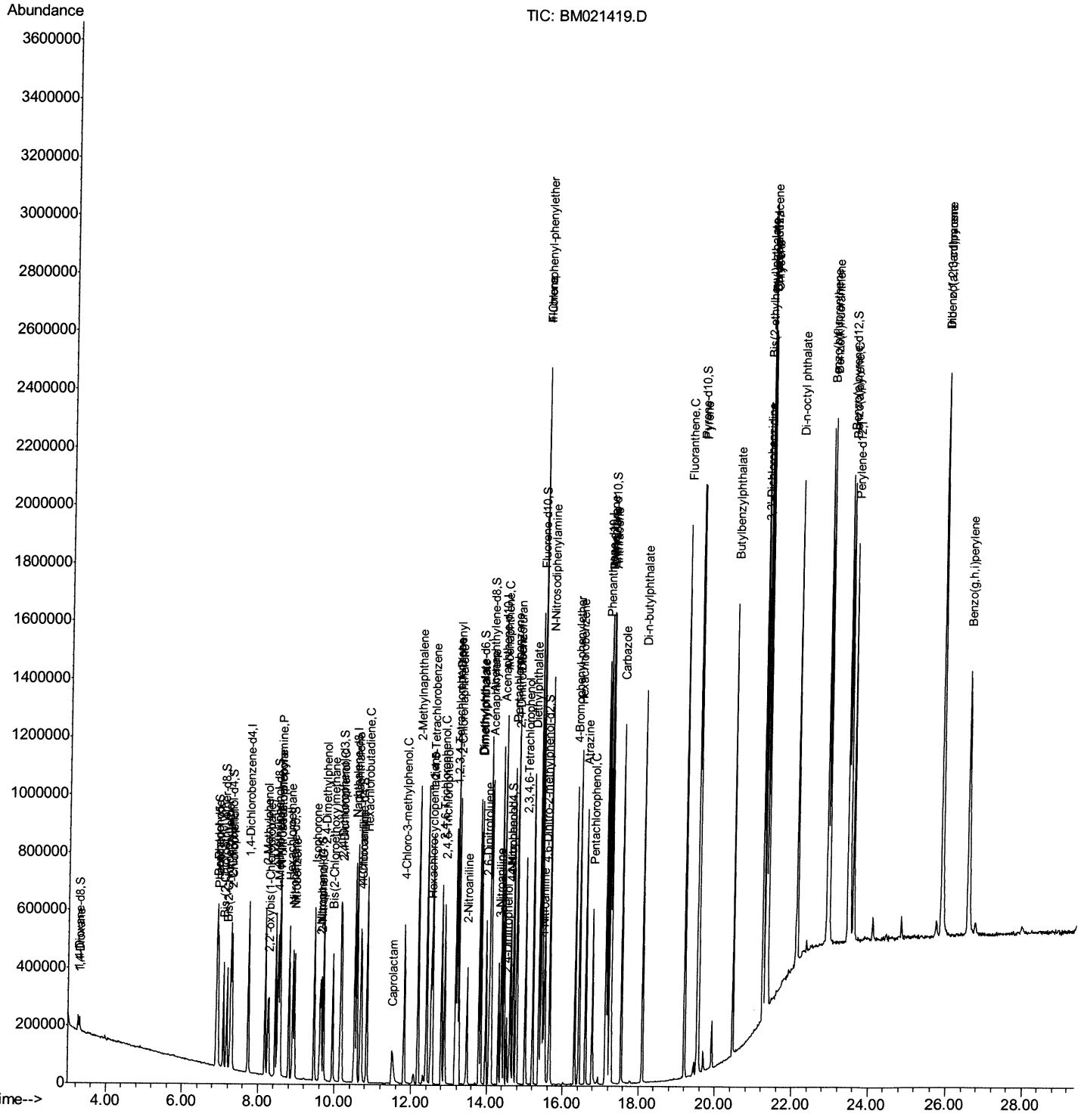
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071019\
Data File : BM021419.D
Acq On : 10 Jul 2019 22:20
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 01:51:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 08 17:45:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02031

Manual Integrations APPROVED
mohammad
7/11/2019 5:23:26 PM



Quantitation Report (Qedit)

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Quant Time: Jul 11 00:56:17 2019
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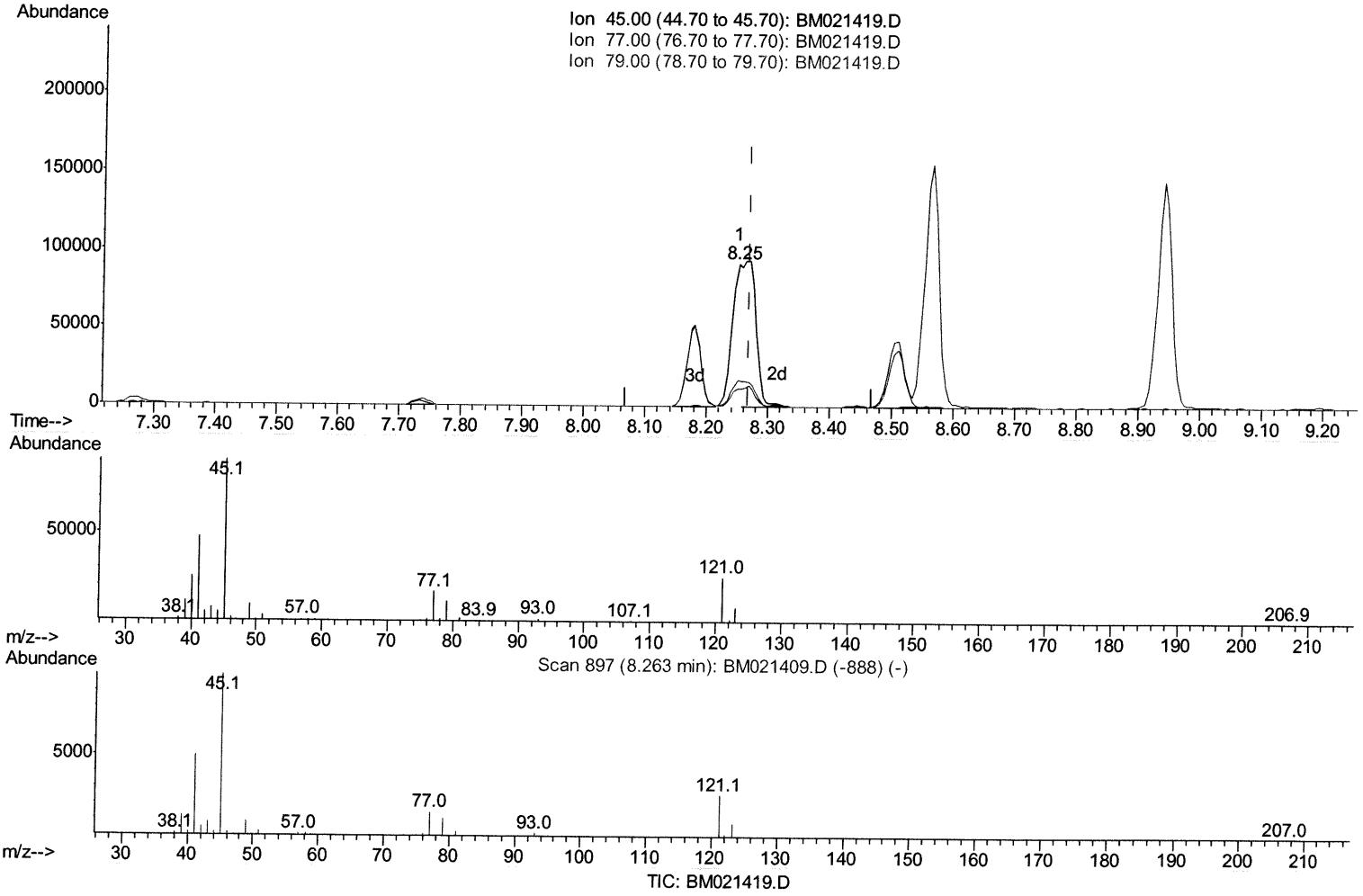

TIC: BM021419.D

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

8.251min (-0.018) 10.09ng/ul

response 117875

Ion	Exp%	Act%
45.00	100	100
77.00	17.70	18.73
79.00	13.40	12.45
0.00	0.00	0.00

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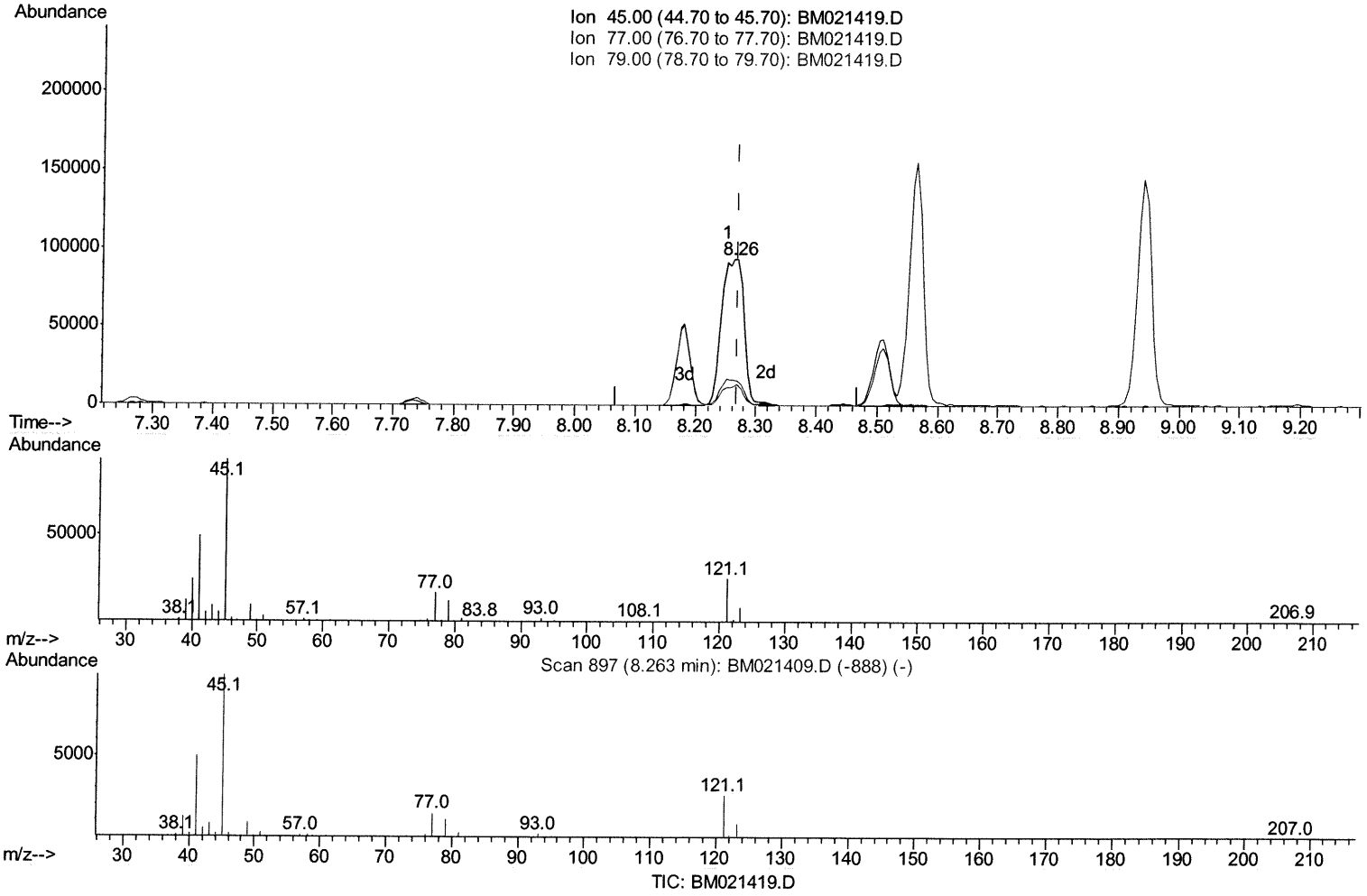

Scan 897 (8.263 min): BM021409.D (-888) (-)

TIC: BM021419.D

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

8.263min (-0.006) 20.40ng/ul m JG 07/11/19

response 238192

Ion	Exp%	Act%
45.00	100	100
77.00	17.70	17.84
79.00	13.40	13.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 10 Jul 2019 22:20
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 00:56:17 2019
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Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
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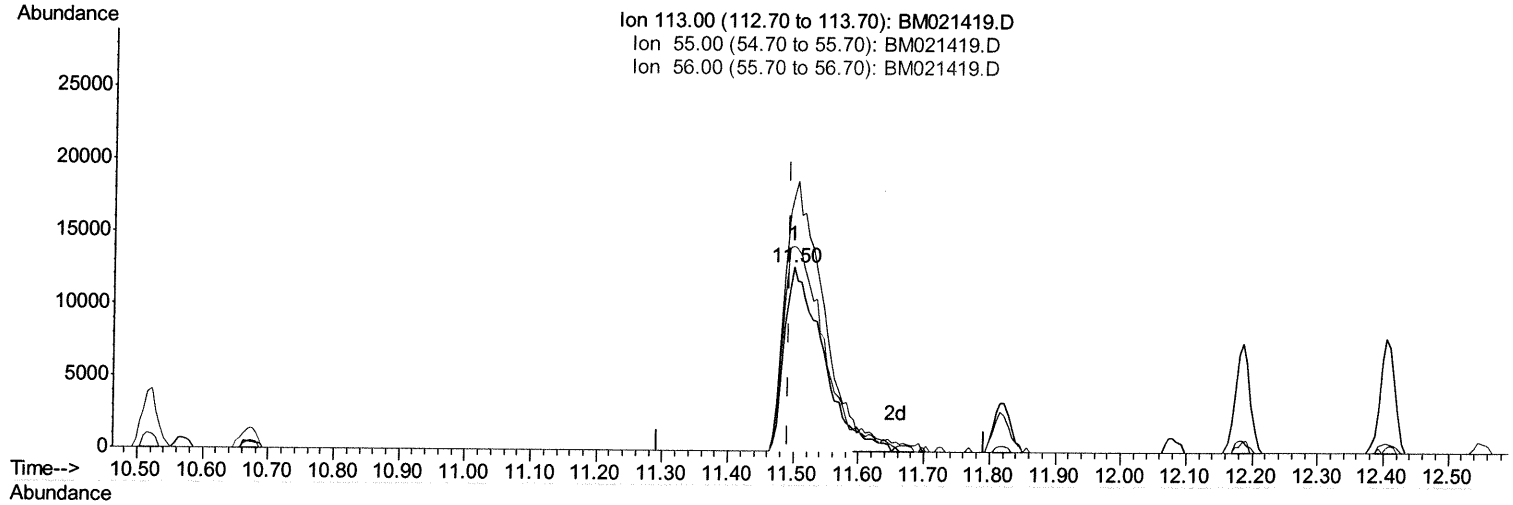

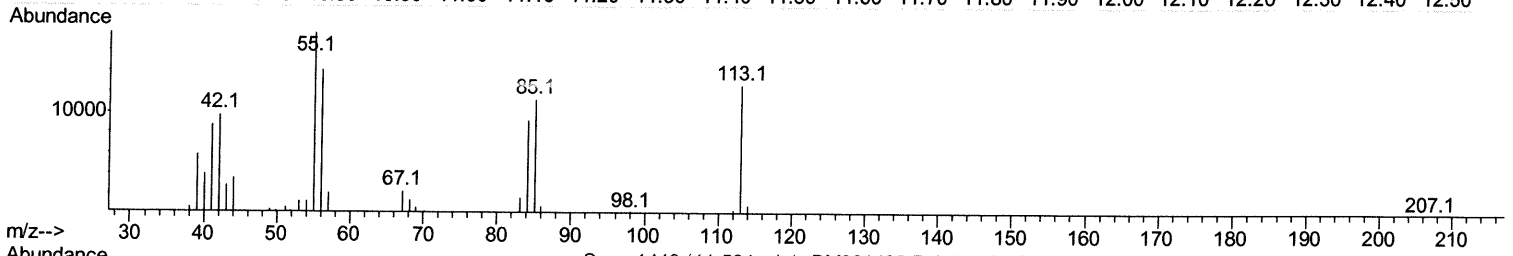

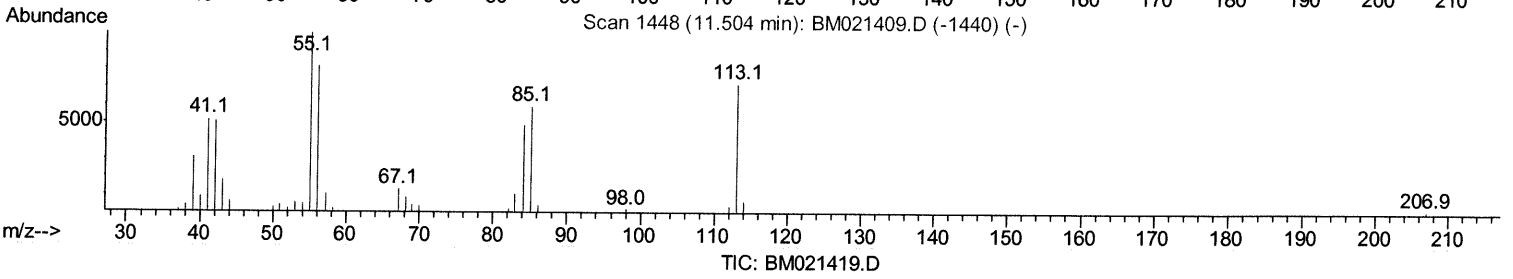

TIC: BM021419.D

(32) Caprolactam

11.498min (+0.006) 17.41ng/ul

response 49798

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	139.33
56.00	116.00	111.30
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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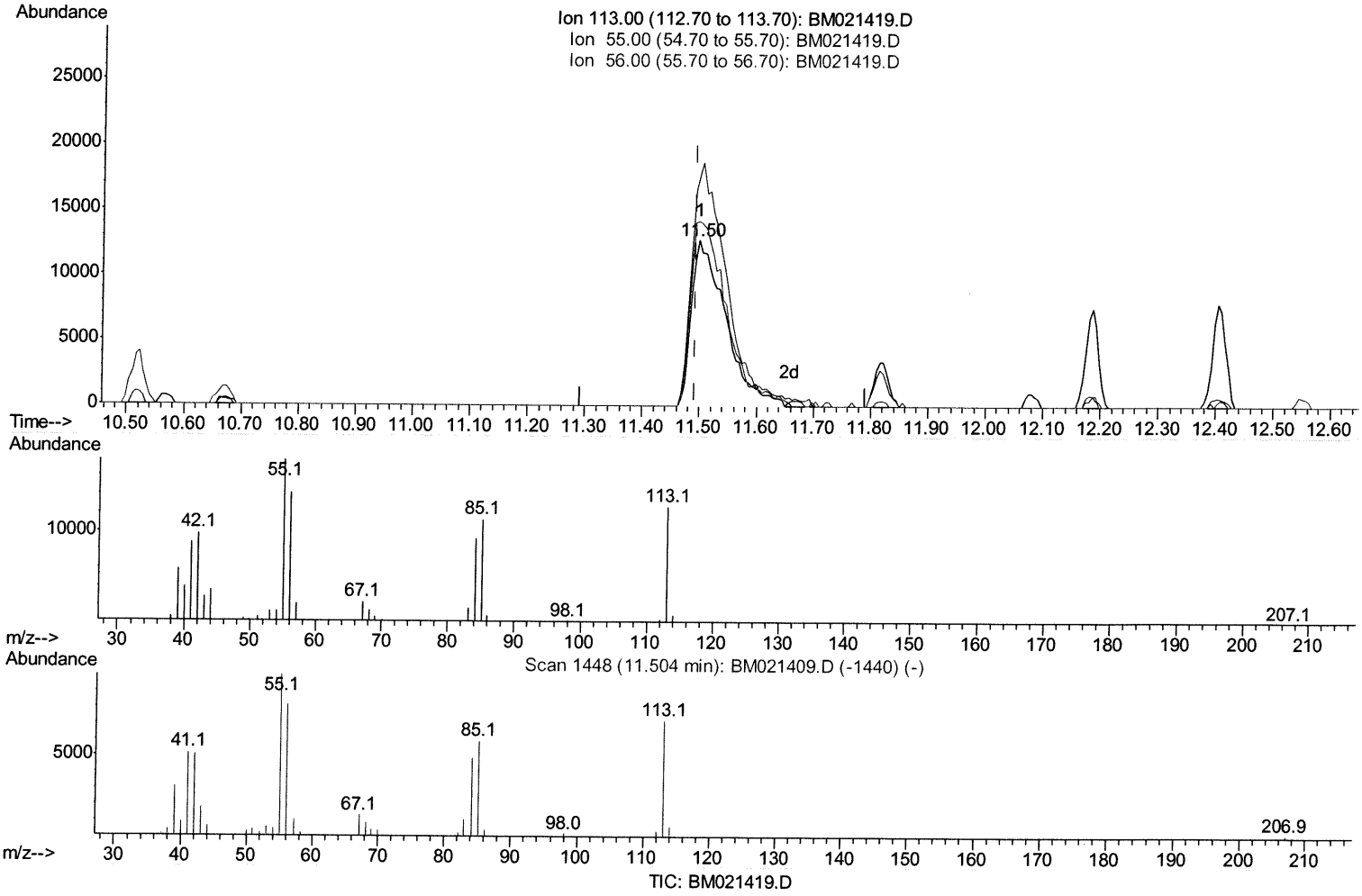

TIC: BM021419.D

(32) Caprolactam

11.498min (+0.006) 18.37ng/ul m JU 07/11/19

response 52546

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	139.33
56.00	116.00	111.30
0.00	0.00	0.00

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Manual Integrations APPROVED
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7/11/2019 5:23:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	166442	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	645046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	383971	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	894092	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	908959	20.00	ng/ul	0.00
85) Perylene-d12	23.58	264	1006760	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	25678	7.60	ng/uL	0.00
5) Phenol-d5	6.91	99	265154	20.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	158179	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	225821	20.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	210396	20.41	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	105673	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	118369	19.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	241550	20.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	249628	23.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	679416	20.20	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	858961	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	101660	19.08	ng/ul	0.00
57) Fluorene-d10	15.37	176	609071	20.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	105383	17.53	ng/ul	0.00
70) Anthracene-d10	17.23	188	940864	20.26	ng/ul	0.00
78) Pyrene-d10	19.53	212	1037135	20.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	1204241	20.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	27244	7.672	ng/uL#	93
4) Benzaldehyde	6.89	77	124840	17.868	ng/ul	97
6) Phenol	6.94	94	250304	20.207	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	193446	20.198	ng/ul	97
10) 2-Chlorophenol	7.30	128	213543	19.947	ng/ul	98
11) 2-Methylphenol	8.18	108	187879	19.905	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	238192m>	20.396	ng/ul	
14) Acetophenone	8.56	105	311370	20.054	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	153802	19.755	ng/ul	97
16) 4-Methylphenol	8.51	108	202350	20.220	ng/ul	96
17) Hexachloroethane	8.80	117	93256	19.922	ng/ul	97
20) Nitrobenzene	8.94	77	234839	19.733	ng/ul	96
21) Isophorone	9.46	82	419331	19.879	ng/ul	100
23) 2-Nitrophenol	9.65	139	118114	19.741	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	232282	19.954	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.94	93	260010	19.761	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	217281	19.823	ng/ul	99
28) Naphthalene	10.57	128	673384	20.059	ng/ul	100
30) 4-Chloroaniline	10.69	127	236026	22.792	ng/ul	98
31) Hexachlorobutadiene	10.84	225	159831	19.730	ng/ul	99
32) Caprolactam	11.50	113	52546m>	18.369	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	203377	19.933	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	492023	19.884	ng/ul	99

JU 07/11/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	294578	19.727 ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	135478	17.834 ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	176777	19.892 ng/ul	95
39) 2,4,5-Trichlorophenol	12.88	196	184946	19.635 ng/ul	98
40) 1,1'-Biphenyl	13.20	154	644431	20.053 ng/ul	99
41) 2-Chloronaphthalene	13.25	162	520070	20.193 ng/ul	99
42) 2-Nitroaniline	13.47	65	108897	19.350 ng/ul	94
44) Dimethylphthalate	13.84	163	627989	20.054 ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	113431	19.892 ng/ul	96
47) Acenaphthylene	14.10	152	739269	20.125 ng/ul	99
48) 3-Nitroaniline	14.30	138	98277	19.159 ng/ul	99
49) Acenaphthene	14.44	153	535496	20.062 ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	55745	16.255 ng/ul	99
52) 4-Nitrophenol	14.62	109	76377	19.241 ng/ul	100
53) Dibenzofuran	14.78	168	771308	19.947 ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	174555	19.959 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.01	232	165591	19.725 ng/ul	99
56) Diethylphthalate	15.21	149	601407	20.004 ng/ul	100
58) Fluorene	15.43	166	623827	19.941 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	345223	19.746 ng/ul	99
60) 4-Nitroaniline	15.47	138	93212	17.698 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.52	198	107316	17.948 ng/ul	98
64) N-Nitrosodiphenylamine	15.64	169	529565	19.910 ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	218999	19.797 ng/ul	98
66) Hexachlorobenzene	16.43	284	259610	19.739 ng/ul	99
67) Atrazine	16.60	200	188349	19.168 ng/ul	99
68) Pentachlorophenol	16.78	266	129503	18.680 ng/ul	98
69) Phenanthrene	17.17	178	995119	19.739 ng/ul	99
71) Anthracene	17.26	178	1017085	19.822 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	291269	19.873 ng/uL	99
73) Pentachlorobenzene	14.69	250	299782	19.855 ng/uL	100
74) Carbazole	17.54	167	849630	19.949 ng/ul	100
75) Di-n-butylphthalate	18.10	149	965399	19.785 ng/ul	99
76) Fluoranthene	19.19	202	1178726	19.690 ng/ul	100
79) Pyrene	19.56	202	1223655	20.341 ng/ul	100
80) Butylbenzylphthalate	20.46	149	430601	20.207 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.24	252	407438	20.160 ng/ul	99
82) Benzo(a)anthracene	21.30	228	1242302	19.957 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	632382	20.175 ng/ul	100
84) Chrysene	21.36	228	1197334	20.461 ng/ul	100
86) Di-n-octyl phthalate	22.11	149	1091407	20.068 ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	1269459	20.234 ng/ul	99
88) Benzo(k)fluoranthene	22.94	252	1265731	20.255 ng/ul	99
90) Benzo(a)pyrene	23.49	252	1227455	20.256 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.86	276	1514209	20.229 ng/ul	99
92) Dibenzo(a,h)anthracene	25.87	278	1261752	20.051 ng/ul	99
93) Benzo(g,h,i)perylene	26.56	276	1244709	20.155 ng/ul	99

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