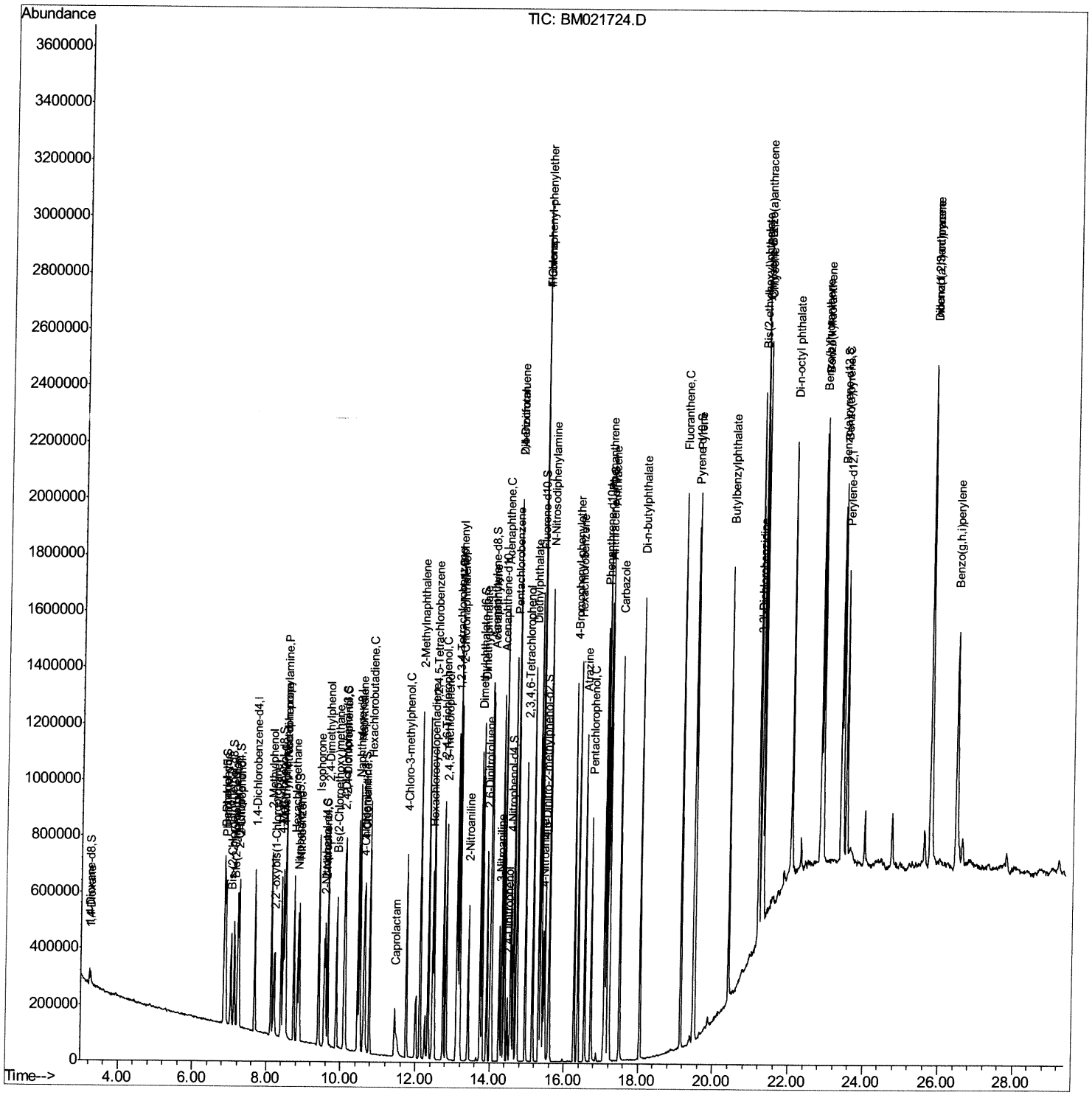
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072919\
Data File : BM021724.D
Acq On : 30 Jul 2019 10:19
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 13:00:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 30 05:24:20 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:08 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072919\
Data File : BM021724.D
Acq On : 30 Jul 2019 10:19
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 12:59:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
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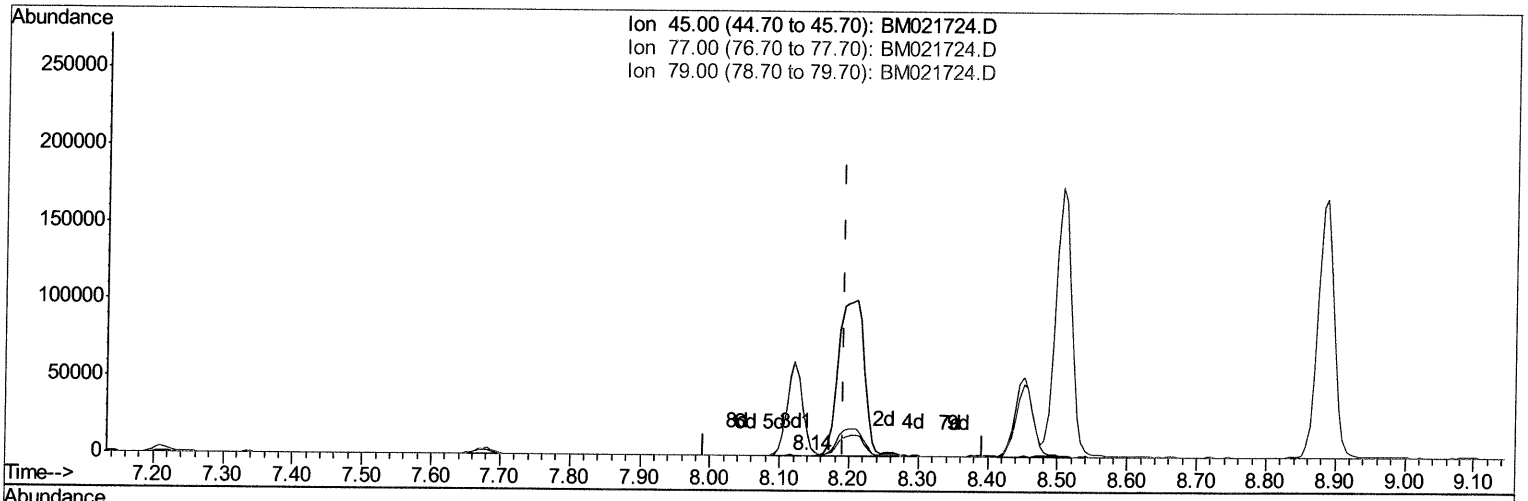

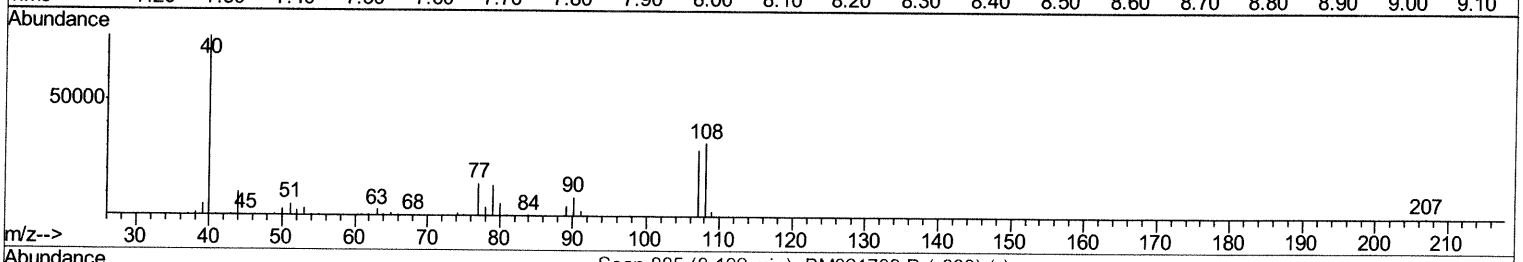

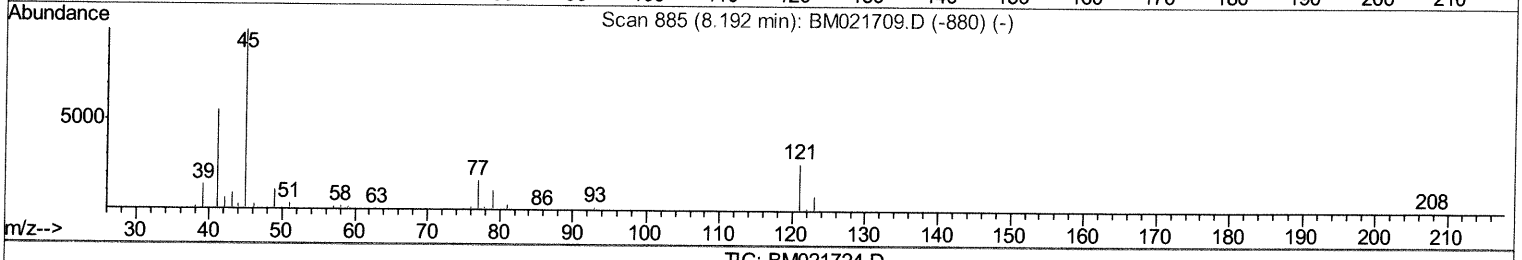

TIC: BM021724.D

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

8.139min (-0.053) 0.01ng/ul

response 126

Ion	Exp%	Act%
45.00	100	100
77.00	17.30	4002.25#
79.00	13.50	3827.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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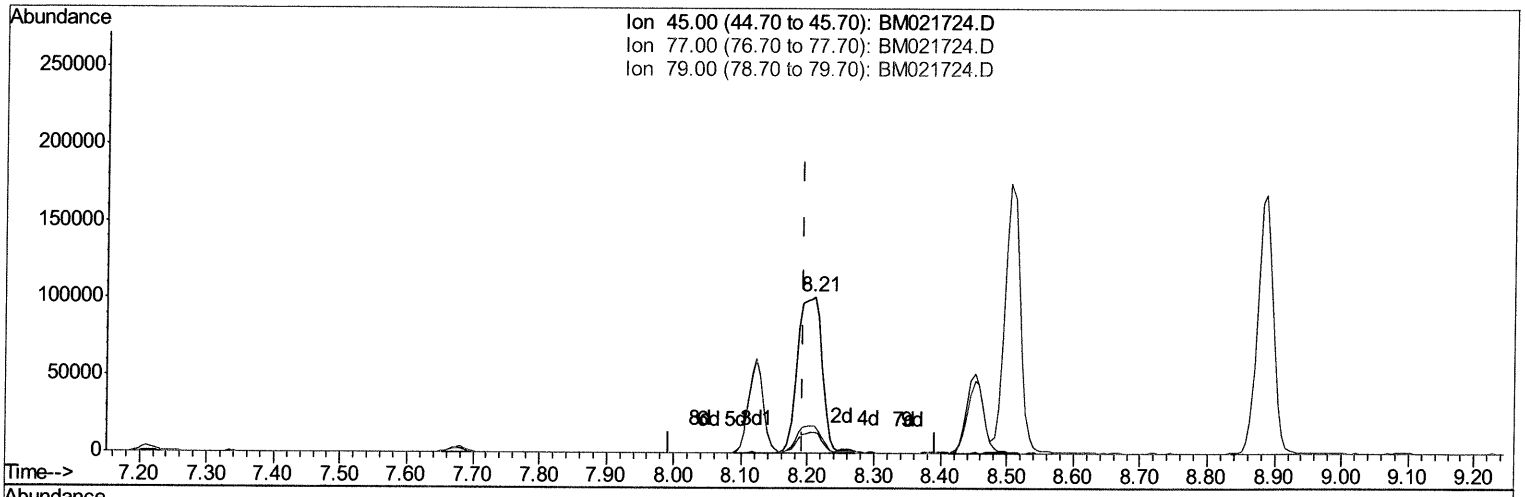

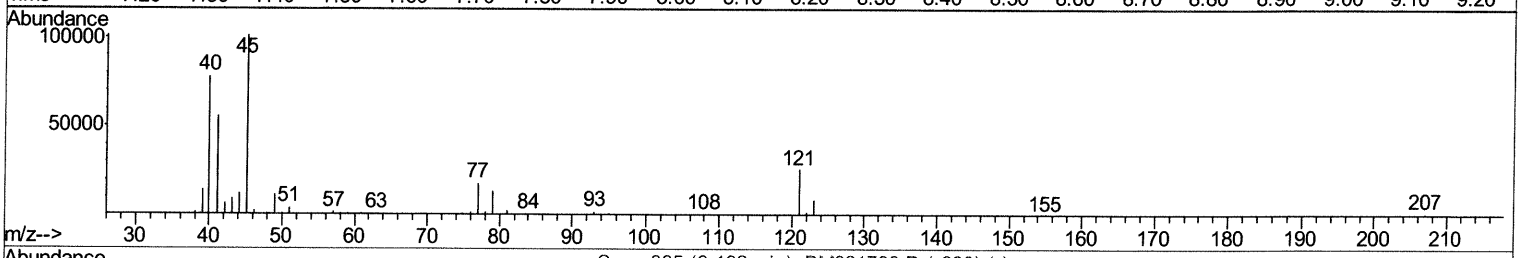

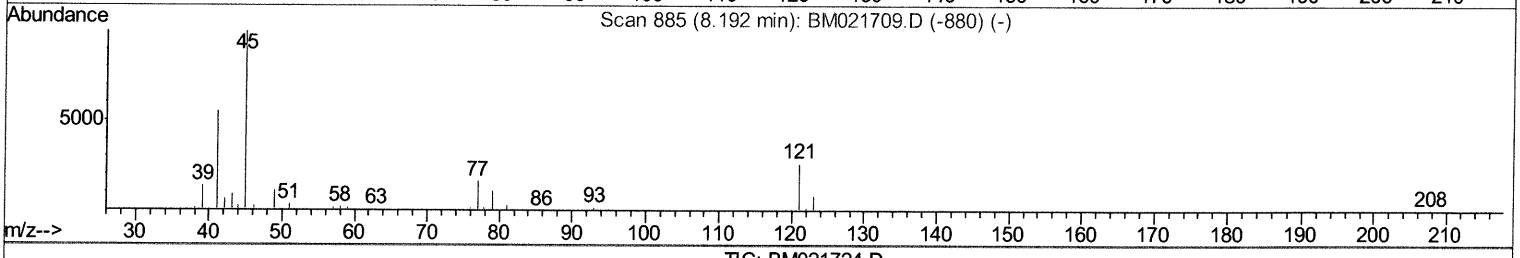

TIC: BM021724.D

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

8.210min (+0.018) 21.00ng/ul m JU 07/31/19

response 259639

Ion	Exp%	Act%
45.00	100	100
77.00	17.30	17.71
79.00	13.50	13.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072919\
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Manual Integrations APPROVED
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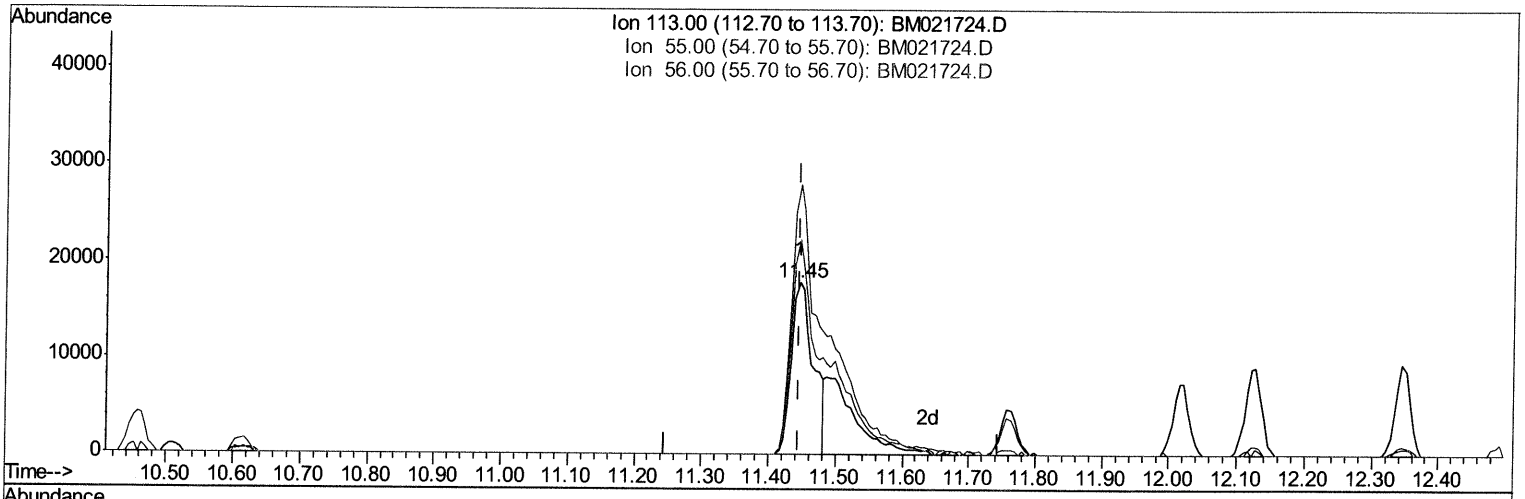

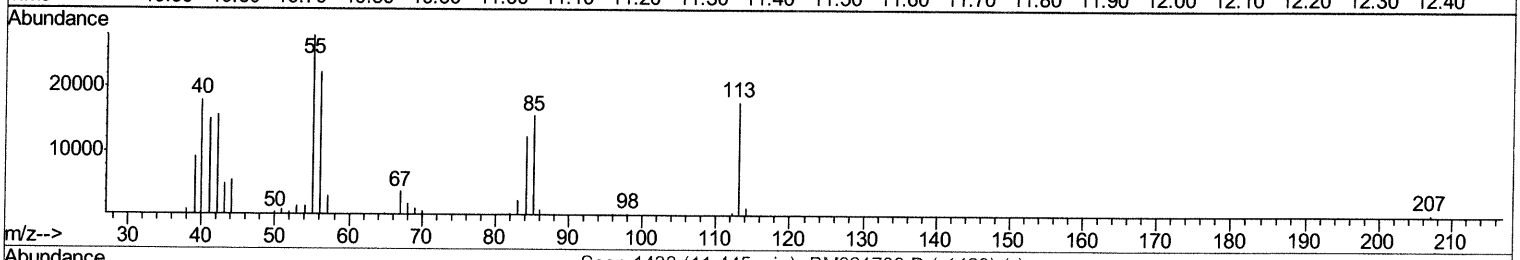

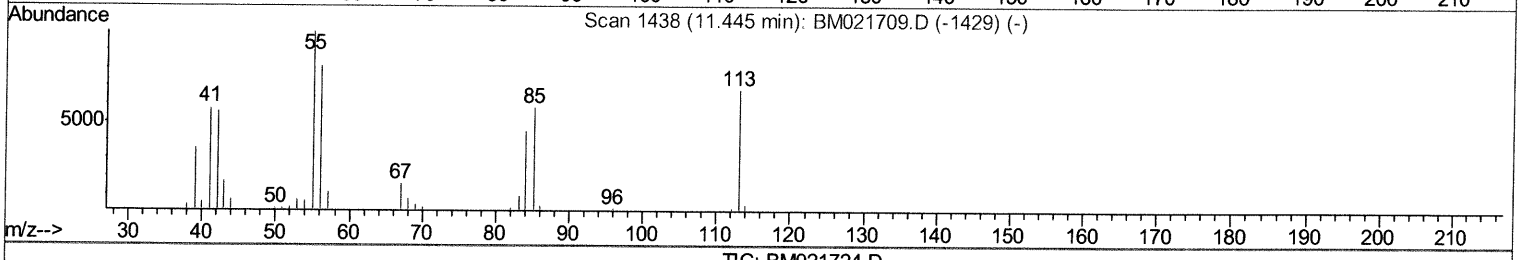

TIC: BM021724.D

(32) Caprolactam

11.445min (-0.000) 13.84ng/ul

response 40182

Ion	Exp%	Act%
113.00	100	100
55.00	150.90	157.46
56.00	120.50	125.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
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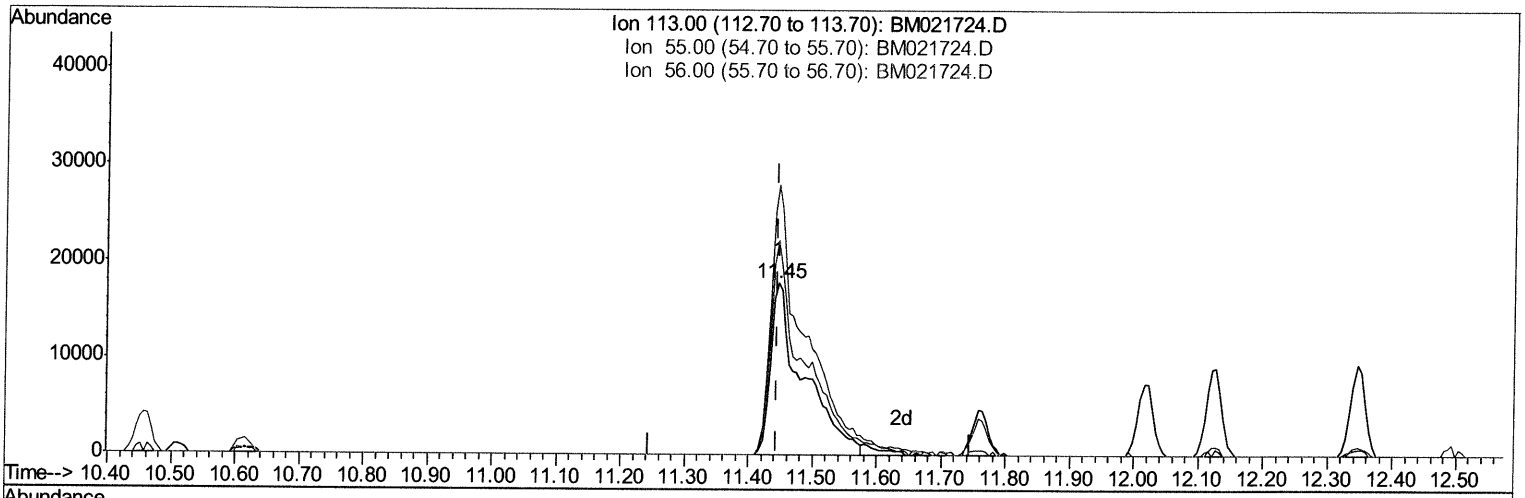

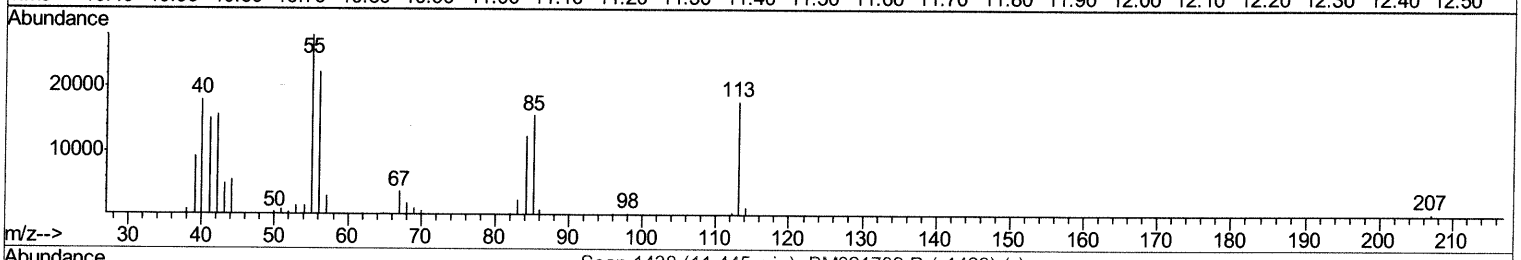

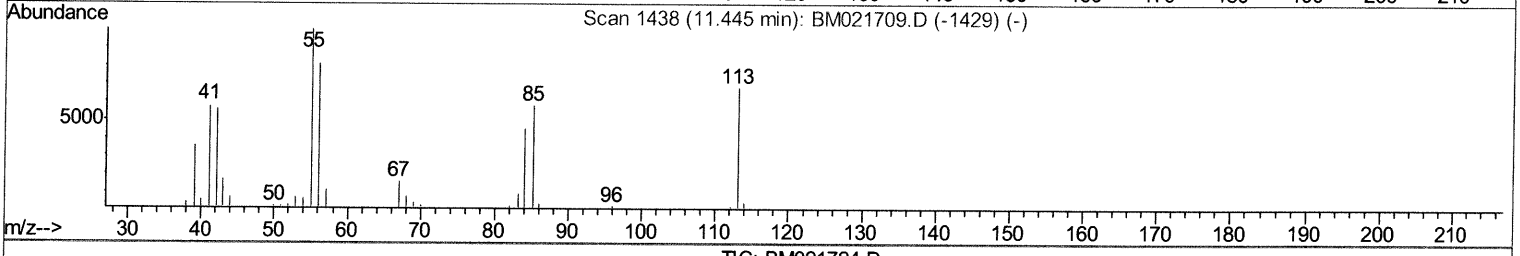

TIC: BM021724.D

(32) Caprolactam

11.445min (-0.000) 21.97ng/ul m JU 07/31/19

response 63769

Ion	Exp%	Act%
113.00	100	100
55.00	150.90	157.46
56.00	120.50	125.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : BNA_M
LabSampleId : SSTD02011

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	159885	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	655078	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	436854	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	882835	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	687474	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	765539	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	26334	7.92	ng/uL	0.00
5) Phenol-d5	6.86	99	251254	20.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	143286	20.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	215948	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	213945	21.20	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	106909	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	118959	22.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	256675	22.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	250011	22.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	740513	21.96	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	863182	21.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	103511	20.23	ng/ul	0.00
57) Fluorene-d10	15.32	176	634963	21.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	93775	17.09	ng/ul	0.00
70) Anthracene-d10	17.17	188	949696	21.38	ng/ul	0.00
78) Pyrene-d10	19.48	212	917373	23.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	872977	21.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	27305	8.178	ng/uL	98
4) Benzaldehyde	6.84	77	125405	21.199	ng/ul	97
6) Phenol	6.89	94	267131	20.813	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.12	93	199954	20.729	ng/ul	98
10) 2-Chlorophenol	7.25	128	228717	21.366	ng/ul	97
11) 2-Methylphenol	8.12	108	210943	21.336	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.21	45	259639m	20.996	ng/ul	JU 07/31/19
14) Acetophenone	8.50	105	354527	21.098	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.49	70	180298	21.892	ng/ul	98
16) 4-Methylphenol	8.45	108	232038	21.219	ng/ul	99
17) Hexachloroethane	8.73	117	101613	20.743	ng/ul	98
20) Nitrobenzene	8.89	77	274971	21.017	ng/ul	98
21) Isophorone	9.40	82	519212	22.068	ng/ul	100
23) 2-Nitrophenol	9.59	139	134606	22.077	ng/ul	98
24) 2,4-Dimethylphenol	9.65	107	277878	21.845	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	300655	21.134	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	254660	22.018	ng/ul	97
28) Naphthalene	10.51	128	766090	21.229	ng/ul	100
30) 4-Chloroaniline	10.64	127	270124	23.052	ng/ul	98
31) Hexachlorobutadiene	10.77	225	191747	21.549	ng/ul	99
32) Caprolactam	11.45	113	63769m	21.972	ng/ul	JU 07/31/19
33) 4-Chloro-3-methylphenol	11.76	107	258457	22.443	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	582501	21.740	ng/ul	98

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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7/30/2019 4:52:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	361403	21.185	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	193346	20.676	ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	223583	22.216	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	241608	22.261	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	781551	21.274	ng/ul	100
41) 2-Chloronaphthalene	13.19	162	611025	21.220	ng/ul	98
42) 2-Nitroaniline	13.42	65	142186	23.379	ng/ul	92
44) Dimethylphthalate	13.79	163	759701	21.707	ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	139199	23.899	ng/ul	98
47) Acenaphthylene	14.04	152	913259	21.268	ng/ul	100
48) 3-Nitroaniline	14.26	138	110421	23.363	ng/ul	95
49) Acenaphthene	14.39	153	637000	21.279	ng/ul	100
50) 2,4-Dinitrophenol	14.47	184	53222	14.884	ng/ul	94
52) 4-Nitrophenol	14.57	109	94842	20.464	ng/ul	95
53) Dibenzofuran	14.73	168	927562	21.090	ng/ul	97
54) 2,4-Dinitrotoluene	14.72	165	212403	23.297	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.96	232	213387	22.226	ng/ul	94
56) Diethylphthalate	15.16	149	735988	22.226	ng/ul	99
58) Fluorene	15.38	166	744722	21.176	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	419049	21.316	ng/ul	97
60) 4-Nitroaniline	15.43	138	113993	23.683	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.48	198	106978	17.464	ng/ul	98
64) N-Nitrosodiphenylamine	15.59	169	631554	21.980	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	263347	22.020	ng/ul	99
66) Hexachlorobenzene	16.37	284	297049	21.283	ng/ul	95
67) Atrazine	16.56	200	223336	21.880	ng/ul	96
68) Pentachlorophenol	16.73	266	159074	19.715	ng/ul	98
69) Phenanthrene	17.12	178	1122280	21.107	ng/ul	99
71) Anthracene	17.22	178	1151675	21.145	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	358726	21.693	ng/uL	99
73) Pentachlorobenzene	14.64	250	368063	21.857	ng/uL	97
74) Carbazole	17.49	167	932874	20.687	ng/ul	100
75) Di-n-butylphthalate	18.04	149	1140946	22.936	ng/ul	100
76) Fluoranthene	19.14	202	1203334	19.400	ng/ul	98
79) Pyrene	19.50	202	1199429	23.382	ng/ul	99
80) Butylbenzylphthalate	20.41	149	414860	26.215	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.20	252	241824	19.225	ng/ul	99
82) Benzo(a)anthracene	21.26	228	1081469	21.602	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	598680	26.278	ng/ul	99
84) Chrysene	21.31	228	1002117	21.232	ng/ul	100
86) Di-n-octyl phthalate	22.06	149	958998	21.223	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	1060599	20.361	ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	1068153	20.976	ng/ul	100
90) Benzo(a)pyrene	23.41	252	1037237	21.269	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.76	276	1290637	22.822	ng/ul	99
92) Dibenzo(a,h)anthracene	25.76	278	1087250	23.123	ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	1085777	23.089	ng/ul	99

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