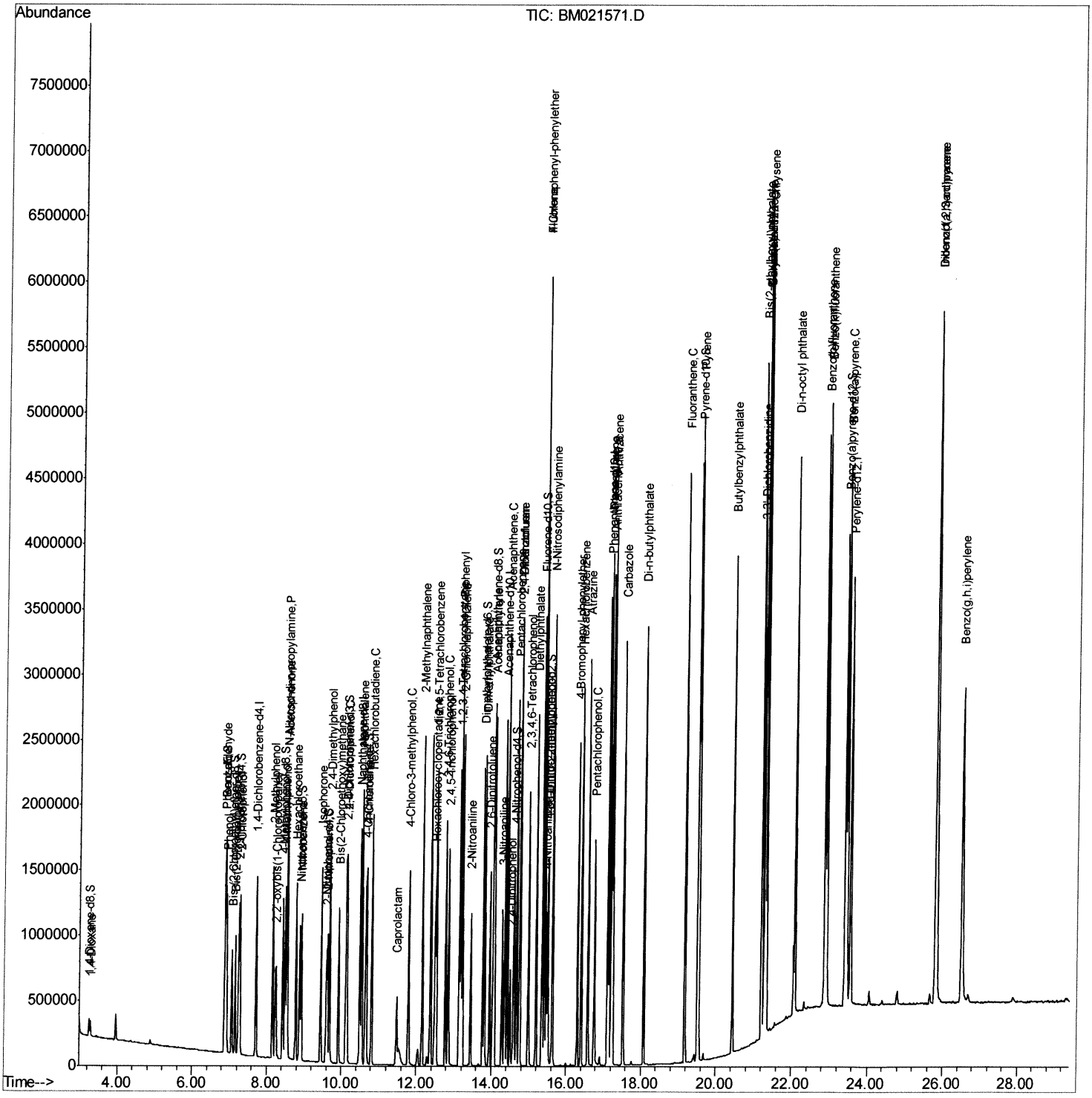
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071919\
Data File : BM021571.D
Acq On : 19 Jul 2019 23:19
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 20 05:02:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 20 04:34:25 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02051

Manual Integrations APPROVED
mohammad
7/22/2019 10:03:53 AM



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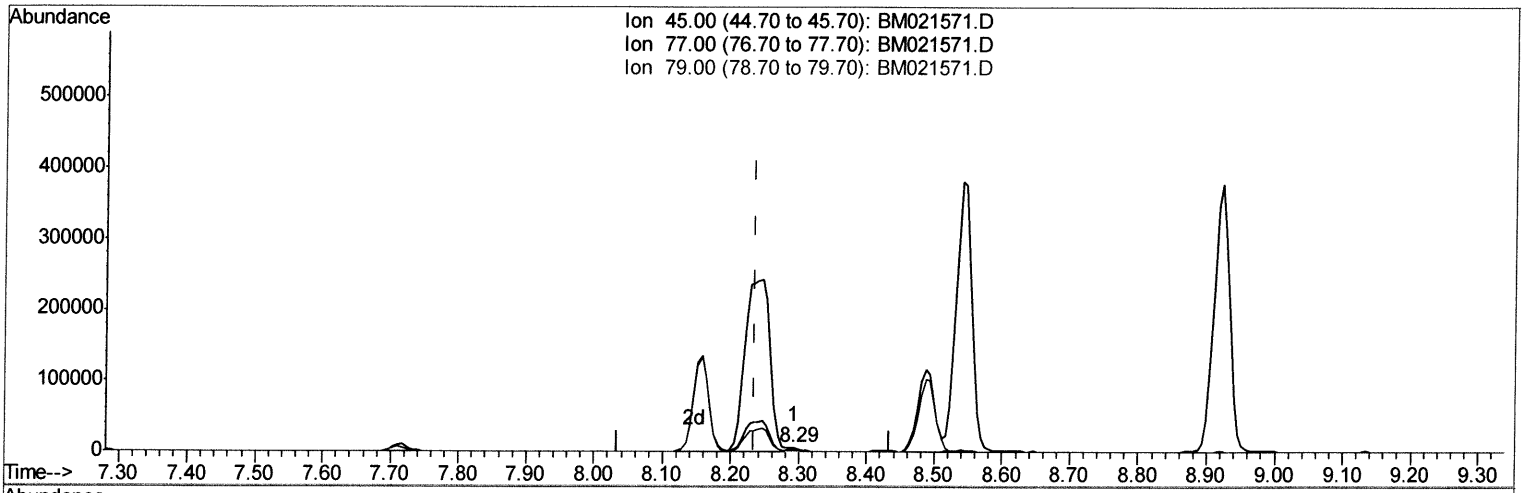

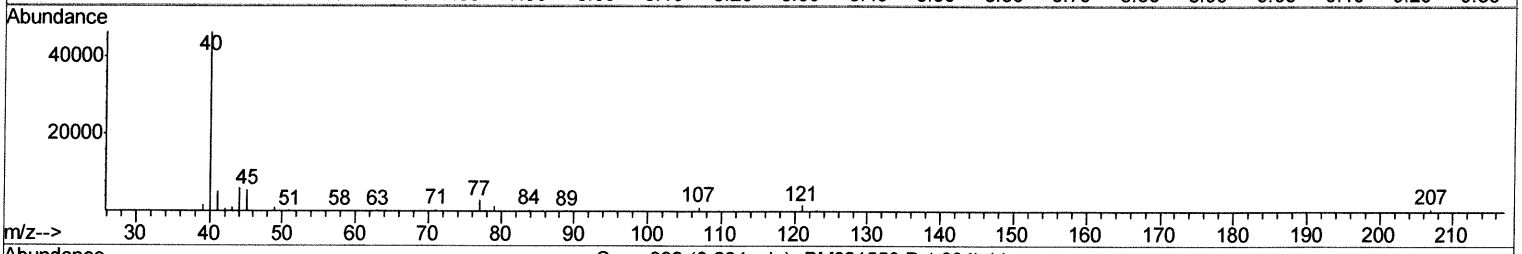

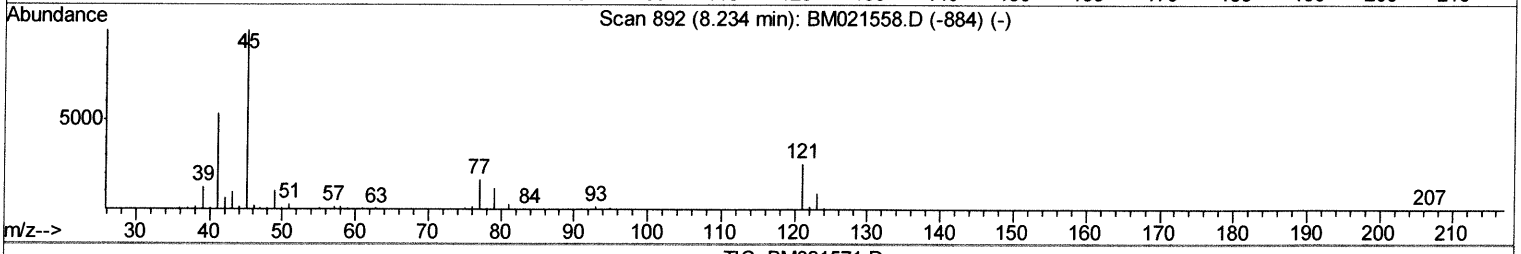

TIC: BM021571.D

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

8.293min (+0.059) 0.27ng/ul

response 7310

Ion	Exp%	Act%
45.00	100	100
77.00	17.70	53.23#
79.00	13.40	30.35#
0.00	0.00	0.00

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mohammad
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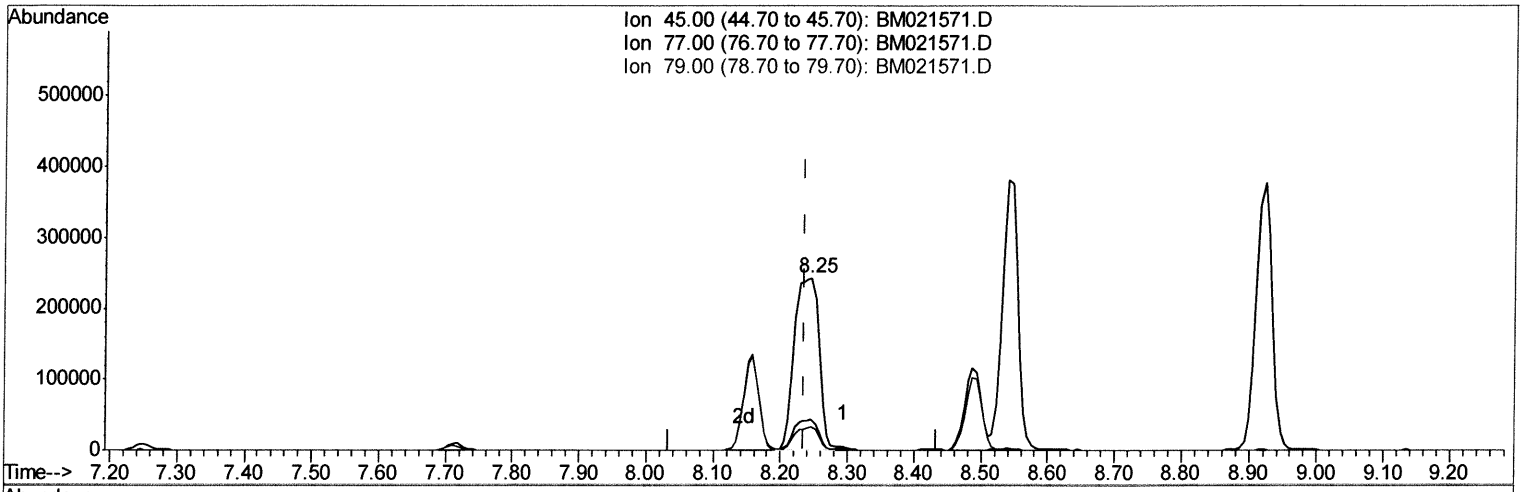

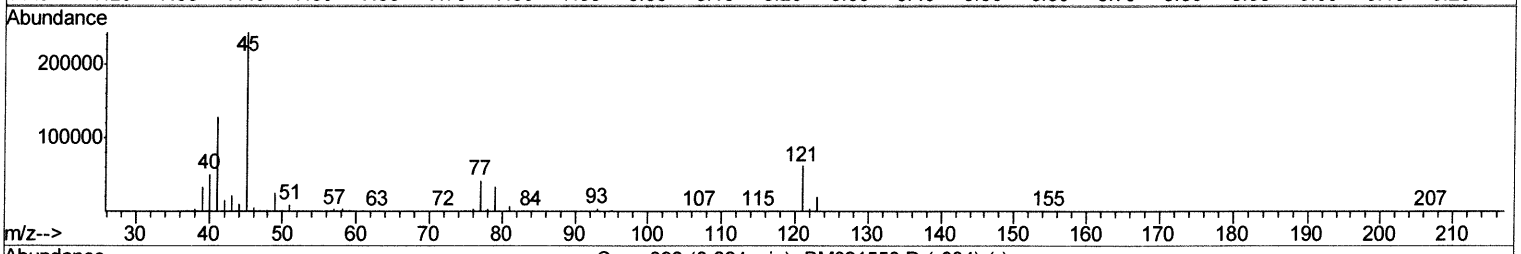

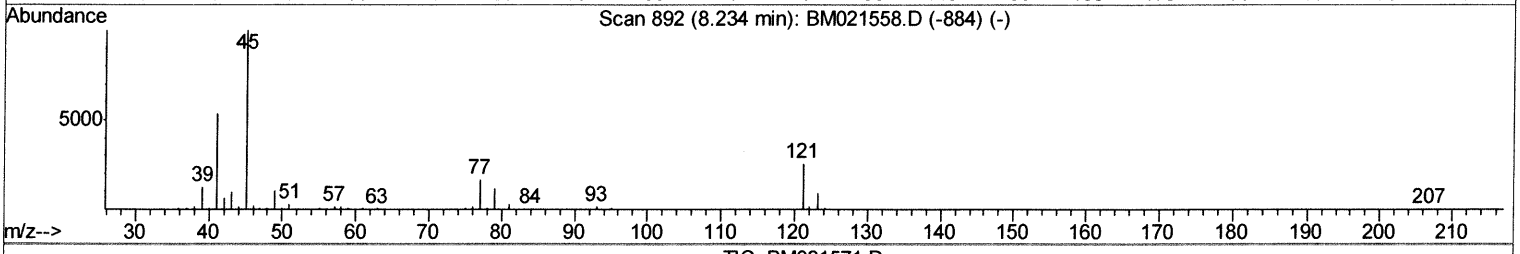

TIC: BM021571.D

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

8.245min (+0.012) 23.04ng/ul m JU 07/22/19

response 616596

Ion	Exp%	Act%
45.00	100	100
77.00	17.70	17.56
79.00	13.40	13.63
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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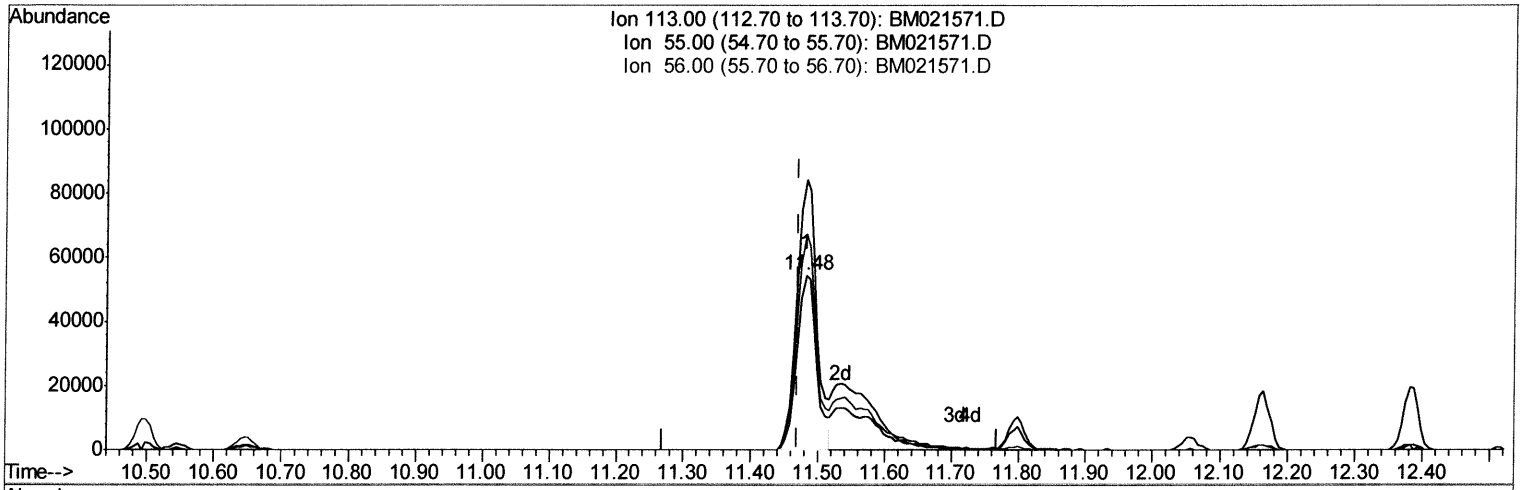

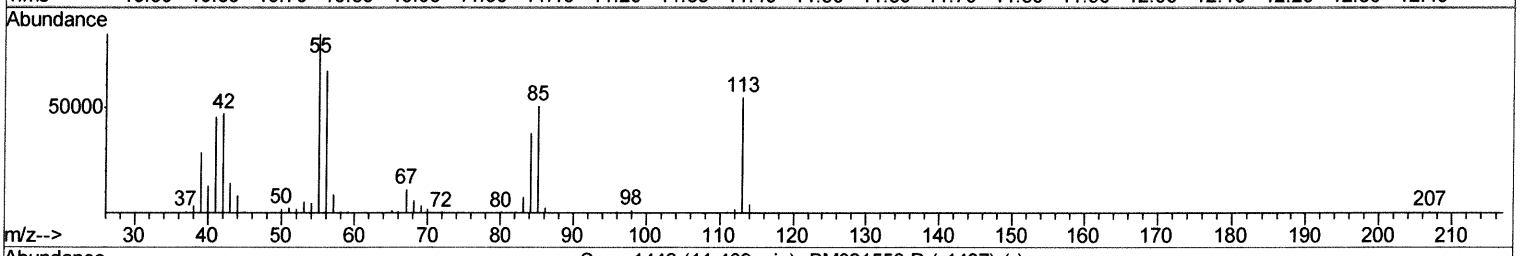

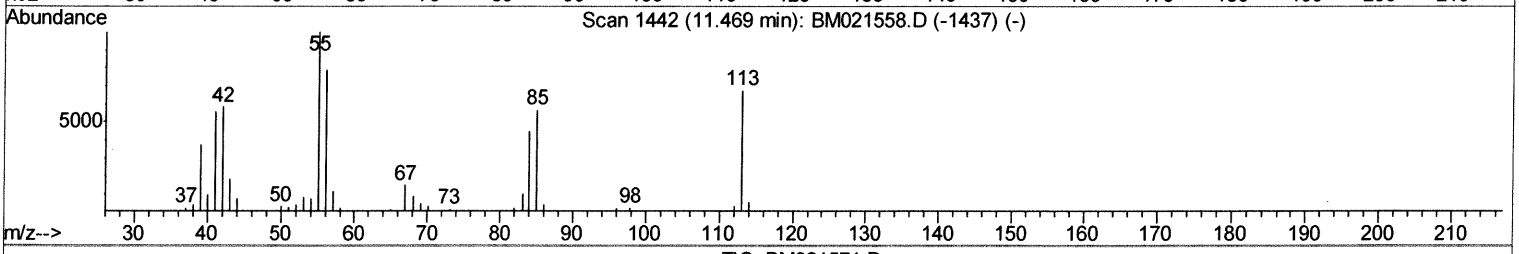

TIC: BM021571.D

(32) Caprolactam

11.481min (+0.012) 16.80ng/ul

response 111648

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	154.73
56.00	116.00	123.49
0.00	0.00	0.00

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LabSampleId :
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Manual Integrations APPROVED
mohammad
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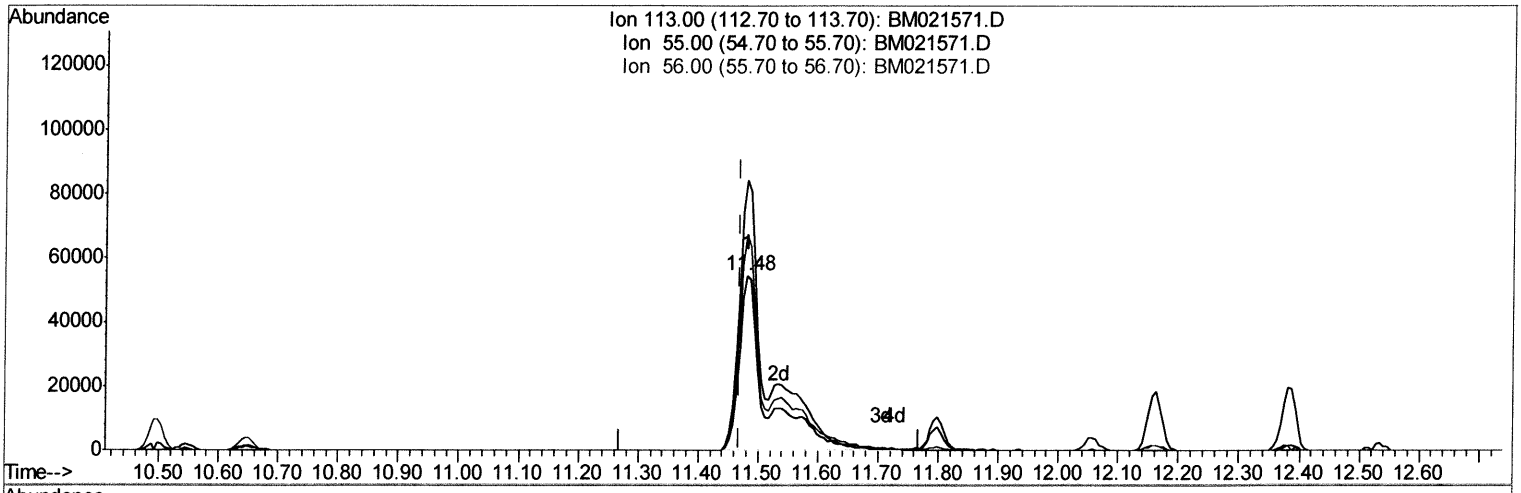

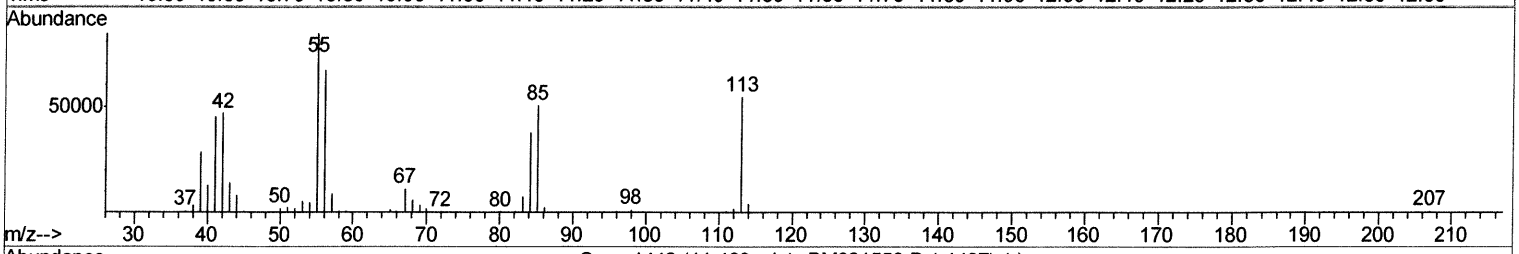

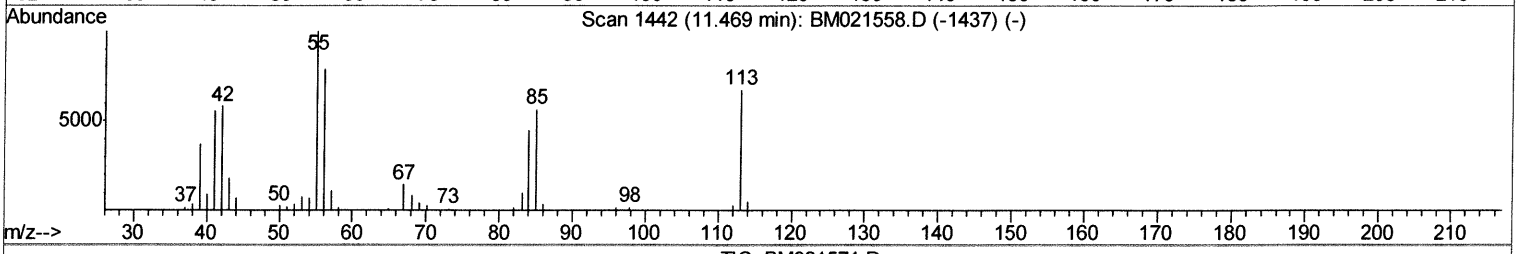

TIC: BM021571.D

(32) Caprolactam

11.481min (+0.012) 26.05ng/ul m JU 07/22/19

response 173148

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	154.73
56.00	116.00	123.49
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	381347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1498865	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	869304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	2024476	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	2120191	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	2374956	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	63516	8.20	ng/uL	0.00
5) Phenol-d5	6.89	99	610941	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	357214	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	524894	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	488318	20.68	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	247152	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	270778	19.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	559400	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	641876	25.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1497007	19.66	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1962579	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	248110	20.56	ng/ul	0.00
57) Fluorene-d10	15.36	176	1339203	19.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	269895	19.83	ng/ul	0.00
70) Anthracene-d10	17.21	188	2125429	20.21	ng/ul	0.00
78) Pyrene-d10	19.51	212	2373694	20.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	2569527	18.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	65383	8.036	ng/uL	98
4) Benzaldehyde	6.87	77	429273	26.816	ng/ul	99
6) Phenol	6.92	94	615062	21.672	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	482200	21.975	ng/ul	97
10) 2-Chlorophenol	7.28	128	524616	21.389	ng/ul	97
11) 2-Methylphenol	8.16	108	468964	21.685	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	616596m	23.044	ng/ul	
14) Acetophenone	8.55	105	779924	21.924	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.53	70	383497	21.499	ng/ul	94
16) 4-Methylphenol	8.49	108	498301	21.733	ng/ul	93
17) Hexachloroethane	8.77	117	238307	22.219	ng/ul	99
20) Nitrobenzene	8.92	77	610255	22.067	ng/ul	98
21) Isophorone	9.45	82	1062834	21.684	ng/ul	98
23) 2-Nitrophenol	9.62	139	296625	21.335	ng/ul	96
24) 2,4-Dimethylphenol	9.68	107	581201	21.486	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.92	93	657882	21.518	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	539707	21.190	ng/ul	98
28) Naphthalene	10.55	128	1648659	21.135	ng/ul	99
30) 4-Chloroaniline	10.67	127	640241	26.607	ng/ul	99
31) Hexachlorobutadiene	10.81	225	407820	21.666	ng/ul	99
32) Caprolactam	11.48	113	173148m	26.050	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	514784	21.714	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	1197570	20.828	ng/ul	100

JU 07/22/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	729469	21.577	ng/ul	99
37) Hexachlorocyclopentadiene	12.50	237	404774	23.535	ng/ul	98
38) 2,4,6-Trichlorophenol	12.78	196	446223	22.178	ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	468093	21.950	ng/ul	98
40) 1,1'-Biphenyl	13.19	154	1535849	21.109	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	1249318	21.426	ng/ul	99
42) 2-Nitroaniline	13.45	65	301899	23.695	ng/ul	94
44) Dimethylphthalate	13.82	163	1496433	21.108	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	292777	22.679	ng/ul	96
47) Acenaphthylene	14.08	152	1772853	21.317	ng/ul	99
48) 3-Nitroaniline	14.29	138	276753	23.831	ng/ul	99
49) Acenaphthene	14.42	153	1284719	21.259	ng/ul	100
50) 2,4-Dinitrophenol	14.50	184	162609	20.944	ng/ul	95
52) 4-Nitrophenol	14.60	109	212290	23.622	ng/ul	93
53) Dibenzofuran	14.76	168	1862013	21.270	ng/ul	97
54) 2,4-Dinitrotoluene	14.75	165	449867	22.720	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.99	232	418730	22.032	ng/ul	97
56) Diethylphthalate	15.19	149	1466883	21.551	ng/ul	99
58) Fluorene	15.41	166	1513927	21.376	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	850591	21.490	ng/ul	99
60) 4-Nitroaniline	15.46	138	277016	23.231	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.51	198	274696	20.289	ng/ul	98
64) N-Nitrosodiphenylamine	15.63	169	1281668	21.282	ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	533829	21.312	ng/ul	97
66) Hexachlorobenzene	16.40	284	625210	20.995	ng/ul	96
67) Atrazine	16.59	200	575521	25.867	ng/ul	100
68) Pentachlorophenol	16.76	266	353173	22.498	ng/ul	99
69) Phenanthrene	17.15	178	2399220	21.018	ng/ul	100
71) Anthracene	17.24	178	2453253	21.115	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.15	216	707663	21.324	ng/uL	100
73) Pentachlorobenzene	14.67	250	755809	22.108	ng/uL	98
74) Carbazole	17.52	167	2070174	21.467	ng/ul	99
75) Di-n-butylphthalate	18.07	149	2370991	21.460	ng/ul	99
76) Fluoranthene	19.17	202	2875882	21.217	ng/ul	99
79) Pyrene	19.54	202	2974251	21.196	ng/ul	100
80) Butylbenzylphthalate	20.44	149	1039679	20.917	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.23	252	1019188	21.620	ng/ul	99
82) Benzo(a)anthracene	21.29	228	3113661	21.445	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	1501334	20.534	ng/ul	99
84) Chrysene	21.34	228	2920314	21.395	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	2604859	20.304	ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	3175120	21.453	ng/ul	100
88) Benzo(k)fluoranthene	22.92	252	3124476	21.195	ng/ul	99
90) Benzo(a)pyrene	23.46	252	3065561	21.445	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.83	276	3881782	21.983	ng/ul	98
92) Dibenzo(a,h)anthracene	25.83	278	3269677	22.026	ng/ul	99
93) Benzo(g,h,i)perylene	26.51	276	3166617	21.736	ng/ul	100

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