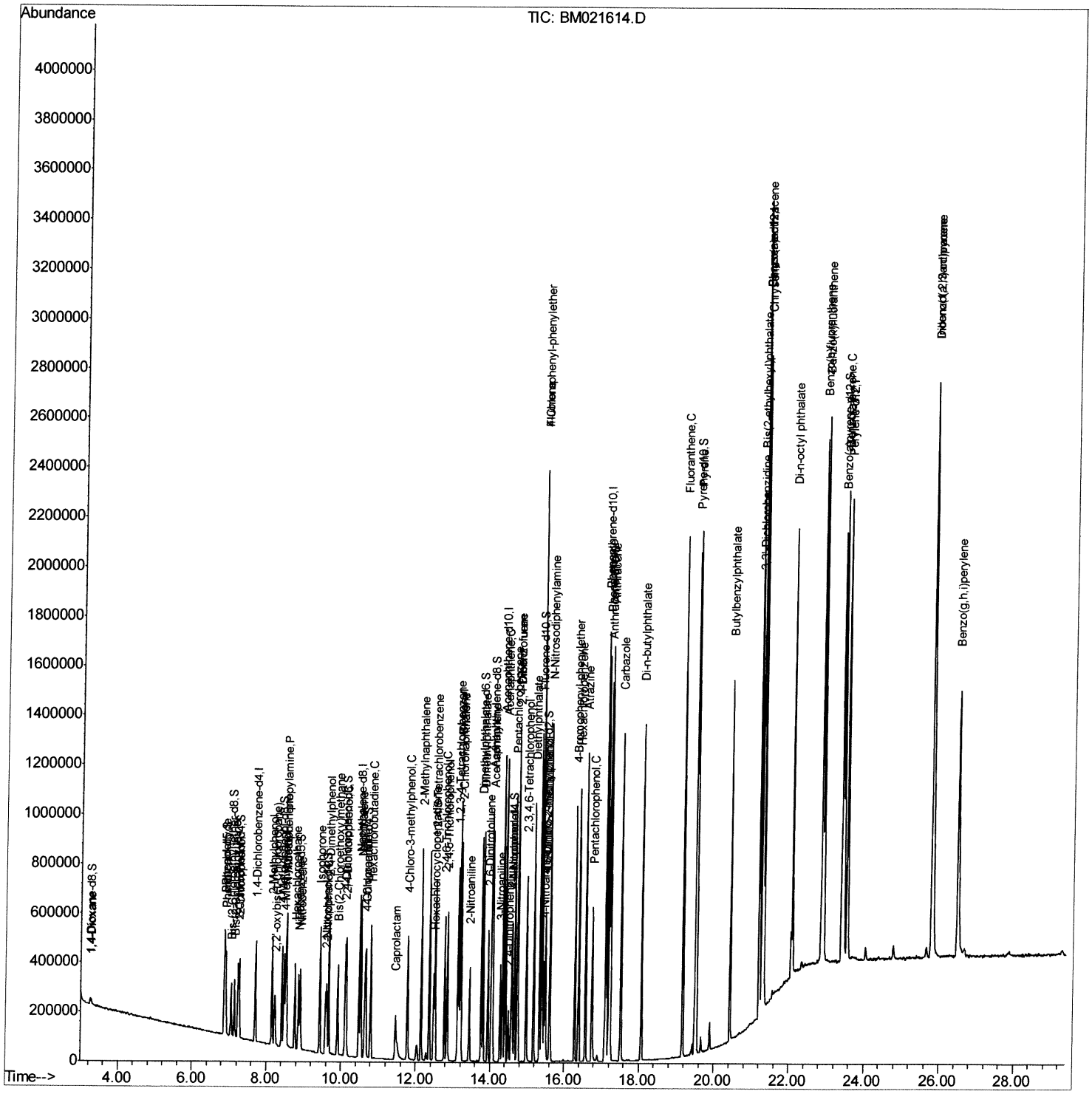
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072319\
Data File : BM021614.D
Acq On : 23 Jul 2019 14:38
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 15:46:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 23 13:03:47 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02099

Manual Integrations APPROVED
mohammad
7/24/2019 8:27:22 AM



Quantitation Report (Qedit)

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Acq On : 23 Jul 2019 14:38
Operator : HP/JU
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
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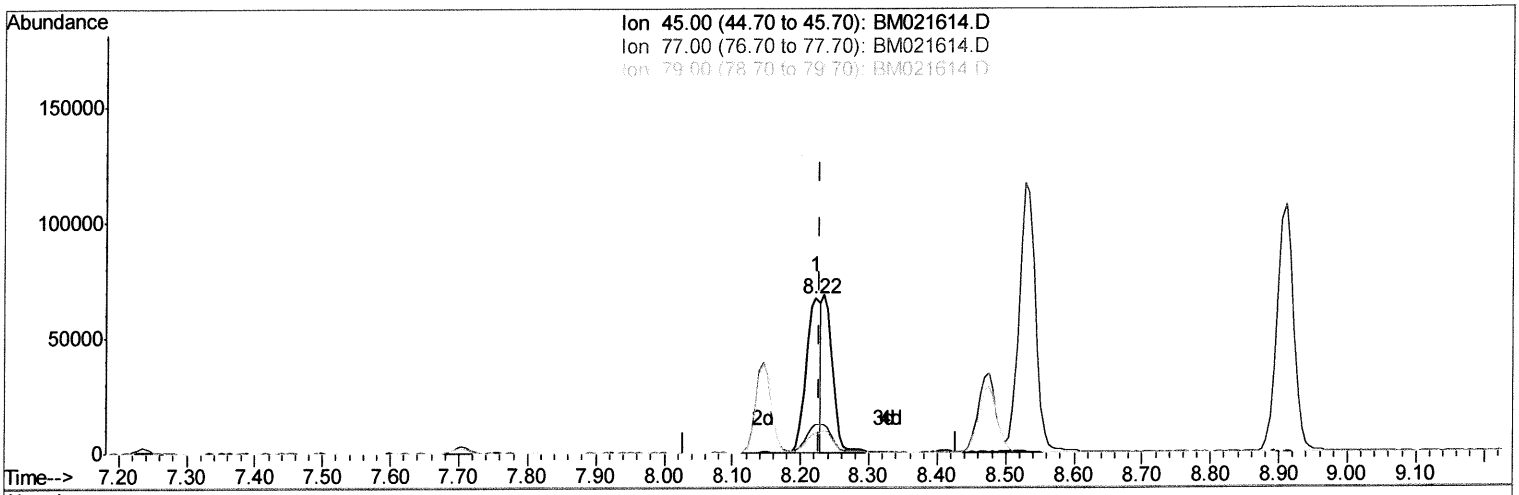

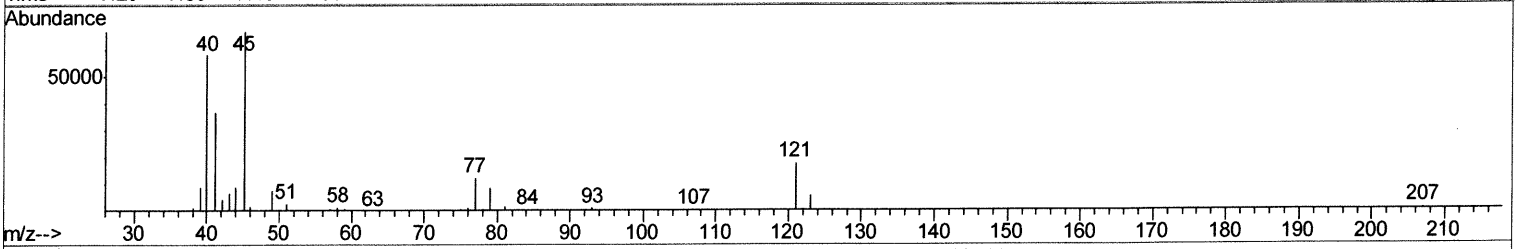

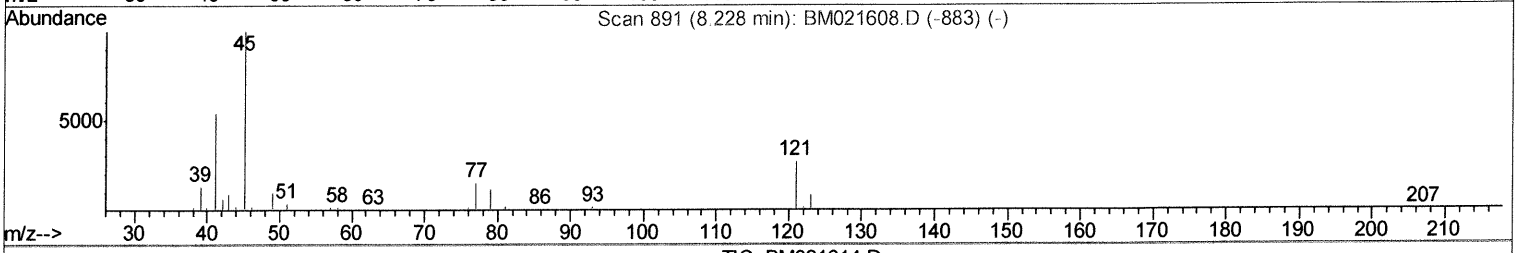

TIC: BM021614.D

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

8.222min (-0.006) 11.24ng/ul

response 100539

Ion	Exp%	Act%
45.00	100	100
77.00	17.10	18.43
79.00	12.70	12.80
0.00	0.00	0.00

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BNA_M
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Manual Integrations APPROVED
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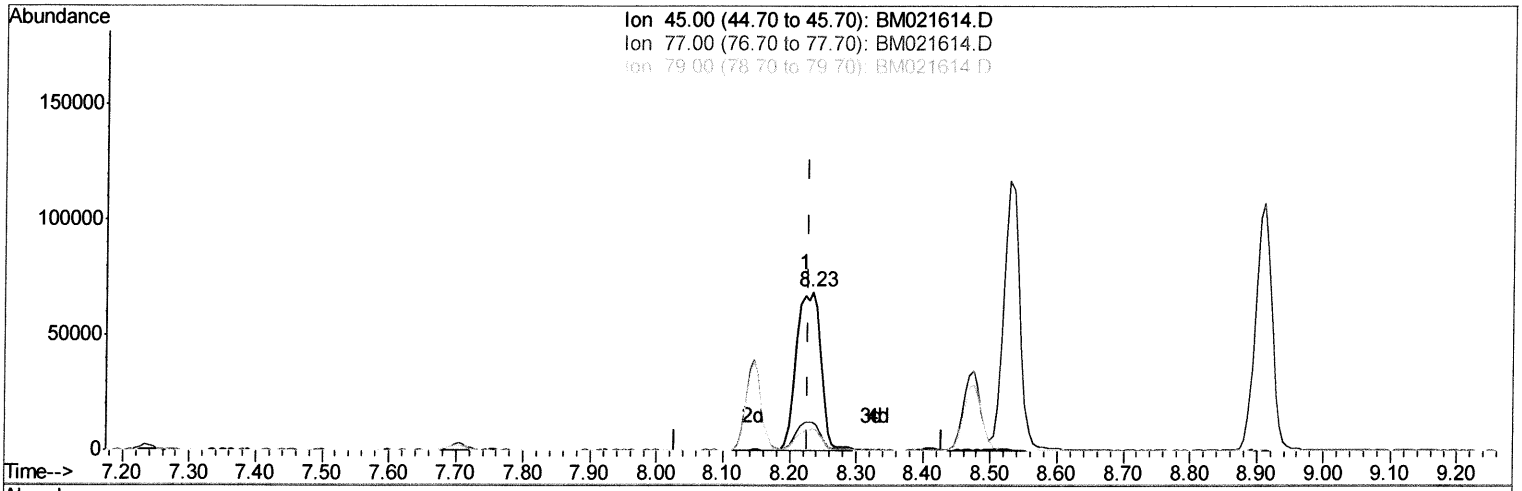

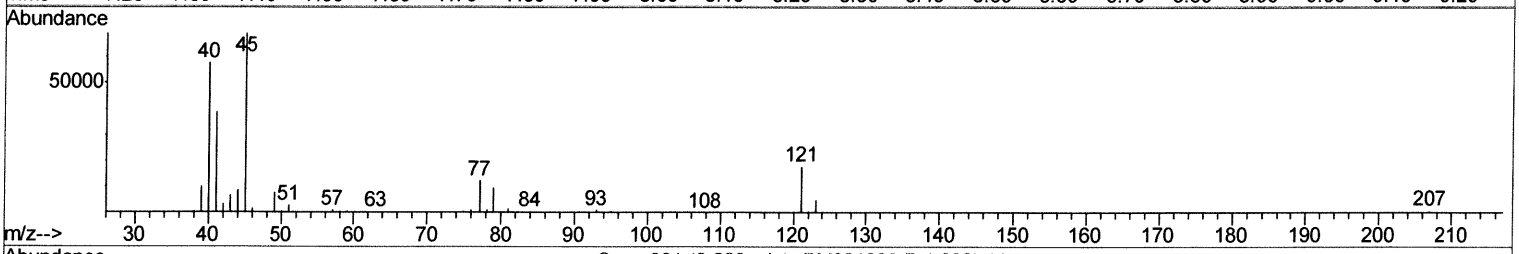

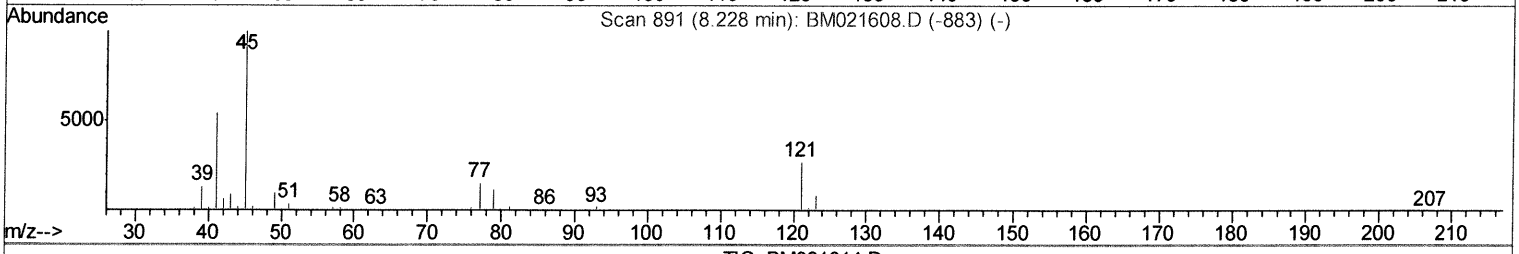

TIC: BM021614.D

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

8.234min (+0.006) 19.42ng/ul m JU 07/24/19

response 173730

Ion	Exp%	Act%
45.00	100	100
77.00	17.10	17.88
79.00	12.70	13.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072319\
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BNA_M
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Manual Integrations APPROVED
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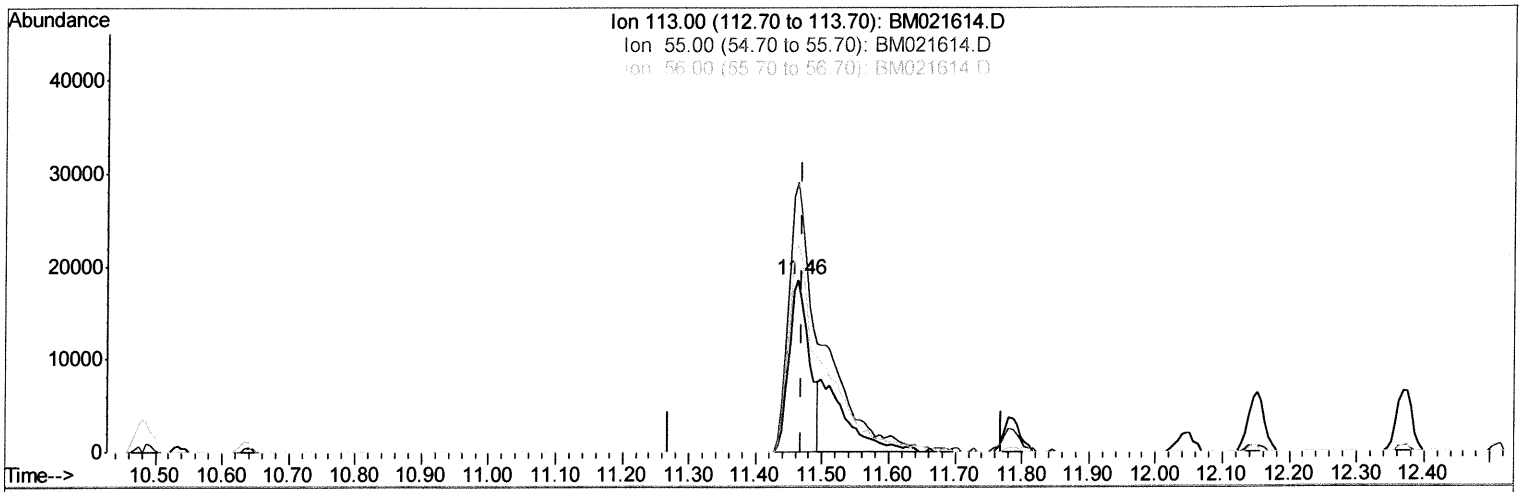

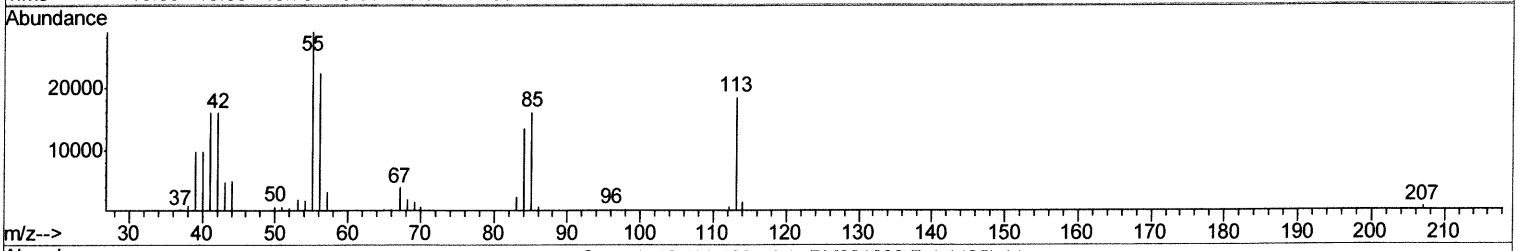

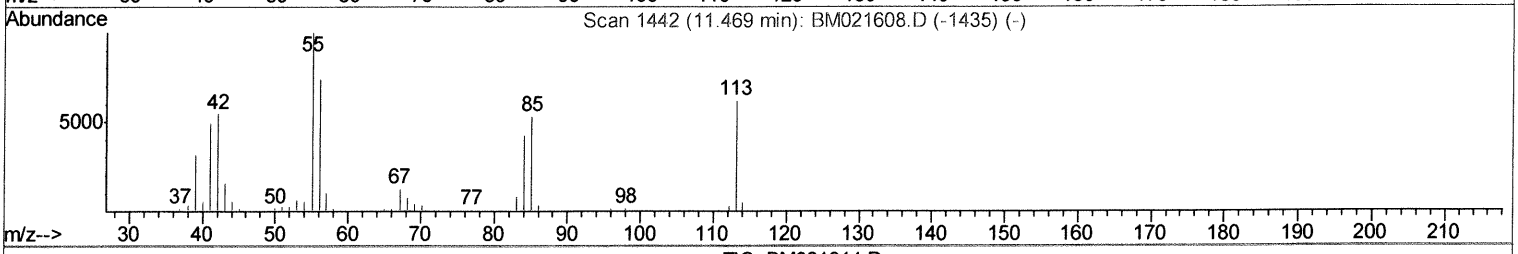

TIC: BM021614.D

(32) Caprolactam

11.463min (-0.006) 14.06ng/ul

response 39058

Ion	Exp%	Act%
113.00	100	100
55.00	162.00	157.11
56.00	119.40	120.97
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM021614.D
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Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_M
LabSampleId :
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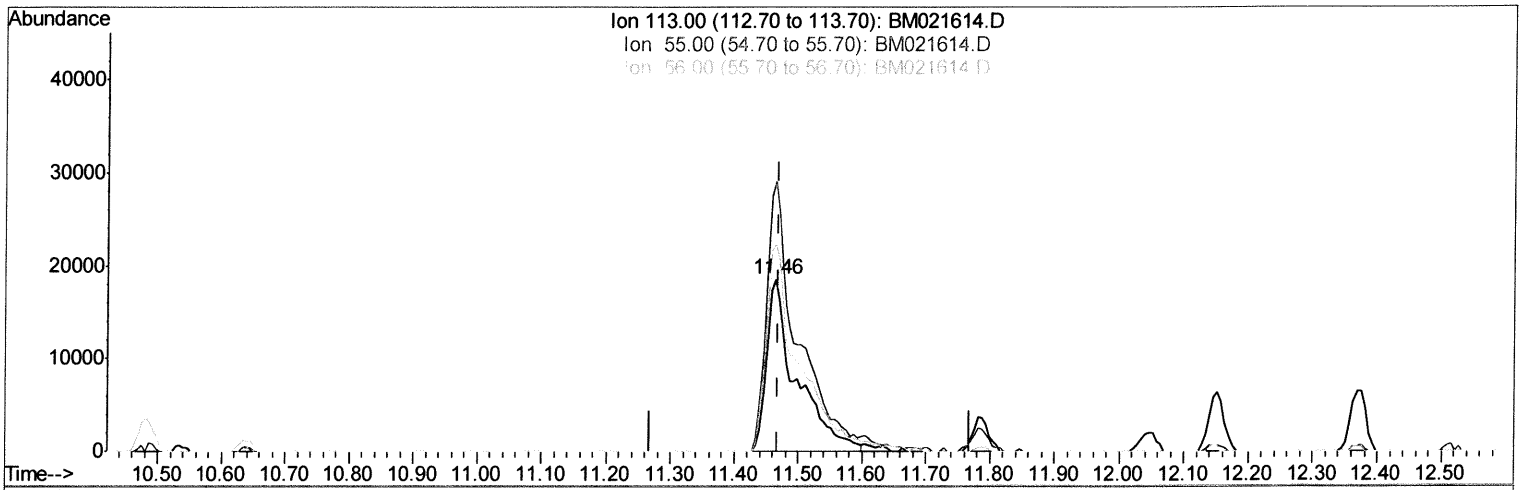
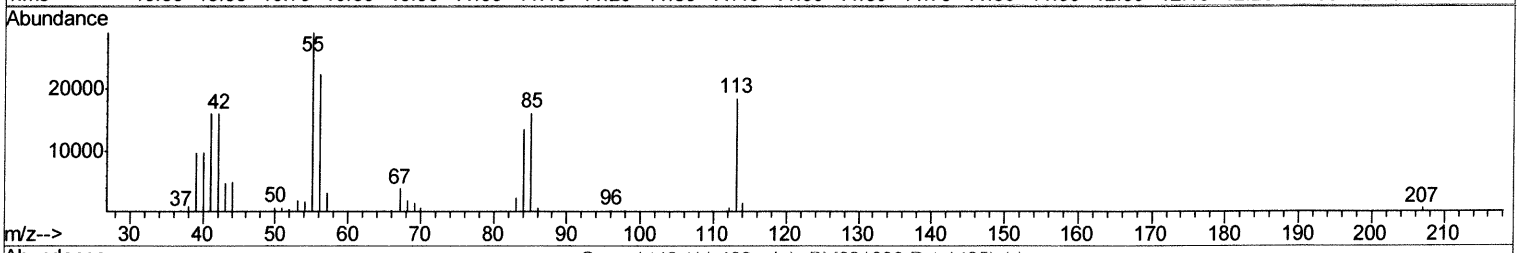
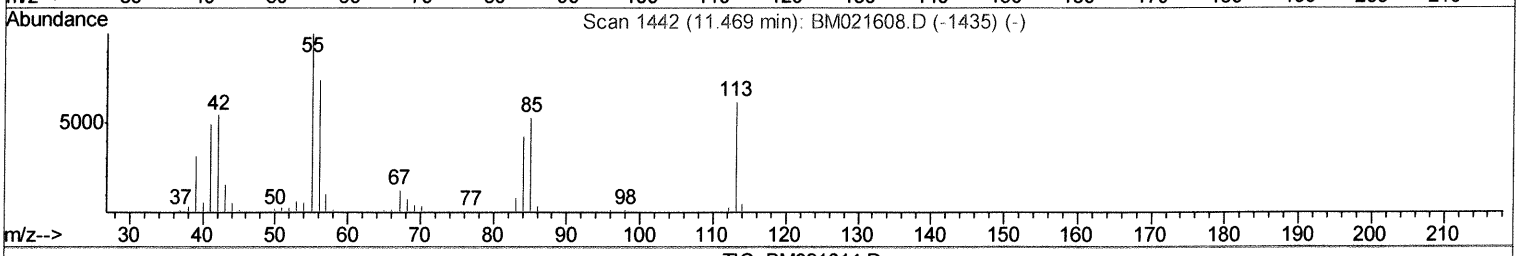
Manual Integrations APPROVED
mohammad
7/24/2019 8:27:22 AM







TIC: BM021614.D

(32) Caprolactam

11.463min (-0.006) 21.76ng/ul m JU 07/24/19

response 60451

Ion	Exp%	Act%
113.00	100	100
55.00	162.00	157.11
56.00	119.40	120.97
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02099

Manual Integrations APPROVED
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Quant Time: Jul 23 15:46:46 2019
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	111925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	537403	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	380167	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	980995	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1179485	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1357649	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	14816	7.22	ng/uL	0.00
5) Phenol-d5	6.88	99	167014	17.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	97798	17.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	135415	18.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	144932	17.87	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	69550	17.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	73208	17.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	171408	18.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	187437	20.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	569778	17.49	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	700442	17.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	89703	16.05	ng/ul	0.00
57) Fluorene-d10	15.34	176	507608	17.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	92664	15.08	ng/ul	0.00
70) Anthracene-d10	17.20	188	853681	17.69	ng/ul	0.00
78) Pyrene-d10	19.50	212	1004172	17.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1205317	16.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	14136	6.069	ng/uL	96
4) Benzaldehyde	6.86	77	84861	21.208	ng/ul	99
6) Phenol	6.90	94	170583	18.678	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	129210	19.129	ng/ul	97
10) 2-Chlorophenol	7.27	128	137455	19.144	ng/ul	99
11) 2-Methylphenol	8.15	108	134587	18.838	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	173730m>	19.418	ng/ul	
14) Acetophenone	8.53	105	240604	19.769	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.51	70	120754	20.169	ng/ul	99
16) 4-Methylphenol	8.47	108	152817	19.368	ng/ul	99
17) Hexachloroethane	8.76	117	58939	18.435	ng/ul	95
20) Nitrobenzene	8.91	77	184144	18.727	ng/ul	100
21) Isophorone	9.43	82	350603	18.781	ng/ul	99
23) 2-Nitrophenol	9.61	139	83686	18.860	ng/ul	99
24) 2,4-Dimethylphenol	9.67	107	184737	19.011	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.91	93	208112	18.908	ng/ul	99
27) 2,4-Dichlorophenol	10.14	162	165104	18.563	ng/ul	98
28) Naphthalene	10.53	128	503416	18.485	ng/ul	99
30) 4-Chloroaniline	10.66	127	191750	21.303	ng/ul	97
31) Hexachlorobutadiene	10.80	225	115398	18.375	ng/ul	98
32) Caprolactam	11.46	113	60451m>	21.757	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	181424	19.117	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	392403	18.635	ng/ul	99

JU 07/24/19

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LabSampleId : SSTD02099

Manual Integrations APPROVED
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7/24/2019 8:27:22 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	238493	18.188 ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	101555	16.166 ng/ul	97
38) 2,4,6-Trichlorophenol	12.77	196	147791	18.353 ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	160548	18.318 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	538638	18.305 ng/ul	98
41) 2-Chloronaphthalene	13.22	162	429909	18.310 ng/ul	100
42) 2-Nitroaniline	13.45	65	98553	18.775 ng/ul	96
44) Dimethylphthalate	13.81	163	575542	18.405 ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	97797	18.862 ng/ul	99
47) Acenaphthylene	14.07	152	647102	18.407 ng/ul	99
48) 3-Nitroaniline	14.27	138	85280	16.599 ng/ul#	94
49) Acenaphthene	14.41	153	473396	18.360 ng/ul	99
50) 2,4-Dinitrophenol	14.49	184	46191	13.911 ng/ul	97
52) 4-Nitrophenol	14.59	109	81181	18.393 ng/ul	96
53) Dibenzofuran	14.75	168	698937	18.359 ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	166564	18.909 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.97	232	155518	18.623 ng/ul	98
56) Diethylphthalate	15.18	149	565707	18.666 ng/ul	99
58) Fluorene	15.40	166	574056	18.231 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	318418	18.194 ng/ul	97
60) 4-Nitroaniline	15.44	138	89192	15.904 ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.50	198	98419	16.205 ng/ul	97
64) N-Nitrosodiphenylamine	15.62	169	490465	18.399 ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	205760	18.690 ng/ul	97
66) Hexachlorobenzene	16.40	284	246753	18.373 ng/ul	97
67) Atrazine	16.57	200	217556	21.995 ng/ul	99
68) Pentachlorophenol	16.75	266	128898	16.865 ng/ul	98
69) Phenanthrene	17.14	178	985379	18.411 ng/ul	99
71) Anthracene	17.23	178	1009243	18.645 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	238660	18.170 ng/uL	99
73) Pentachlorobenzene	14.66	250	275930	18.664 ng/uL	97
74) Carbazole	17.52	167	861252	18.553 ng/ul	99
75) Di-n-butylphthalate	18.07	149	917996	18.823 ng/ul	99
76) Fluoranthene	19.16	202	1235947	18.628 ng/ul	98
79) Pyrene	19.53	202	1290954	18.374 ng/ul	98
80) Butylbenzylphthalate	20.43	149	413440	18.759 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.22	252	384006	16.540 ng/ul	96
82) Benzo(a)anthracene	21.27	228	1420246	18.368 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	606018	18.800 ng/ul	98
84) Chrysene	21.33	228	1350092	18.309 ng/ul	100
86) Di-n-octyl phthalate	22.09	149	1082114	17.626 ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	1476506	17.988 ng/ul	100
88) Benzo(k)fluoranthene	22.91	252	1509256	18.743 ng/ul	99
90) Benzo(a)pyrene	23.44	252	1450457	18.403 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.80	276	1757069	18.357 ng/ul	99
92) Dibenzo(a,h)anthracene	25.81	278	1484381	18.439 ng/ul	100
93) Benzo(g,h,i)perylene	26.49	276	1418842	18.303 ng/ul	99

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