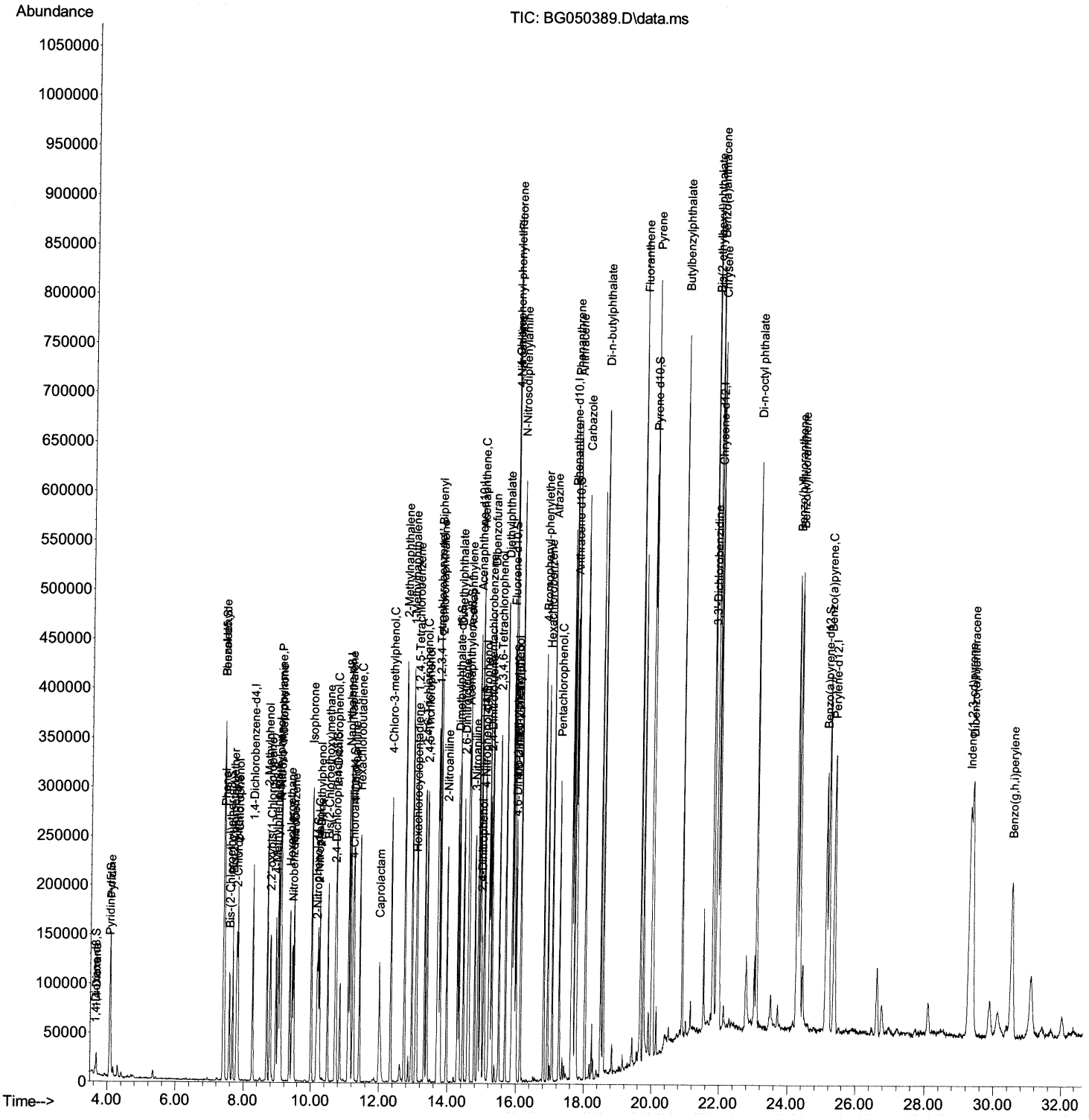
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050389.D
Acq On : 2 Oct 2021 14:11
Operator : CG/JU
Sample : M3877-17MSD
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Oct 04 01:06:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:17 AM



Quantitation Report (Qedit)

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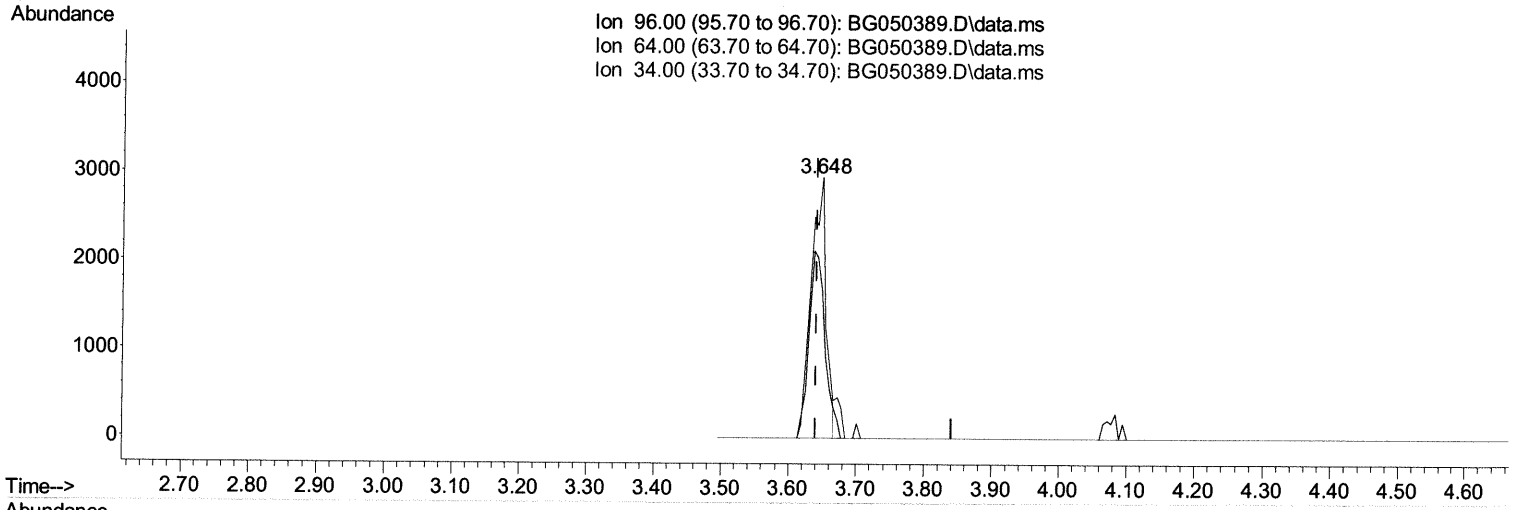

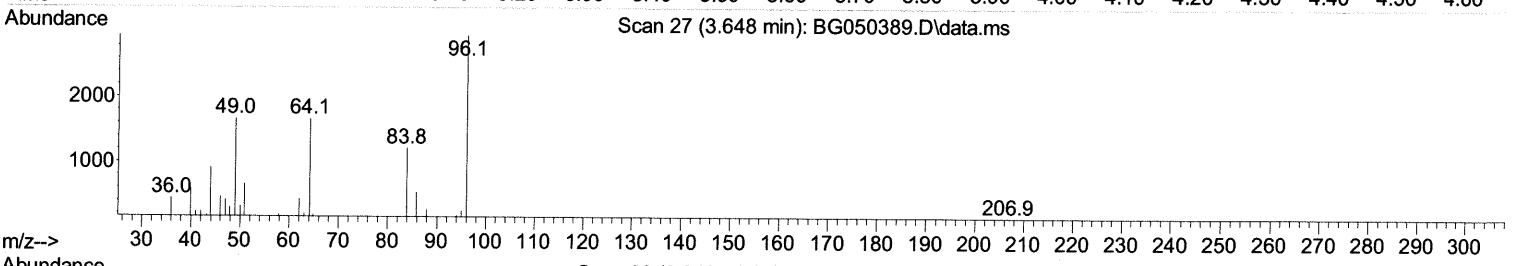

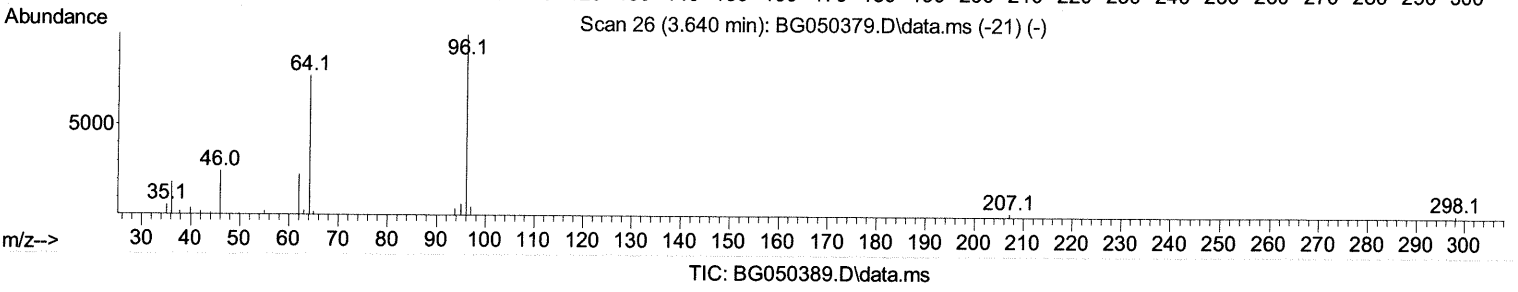

TIC: BG050389.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.648min (+ 0.008) 2.90 ng/uL

response 4582

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	56.41#
34.00	0.00	0.00
0.00	0.00	0.00

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mohammad
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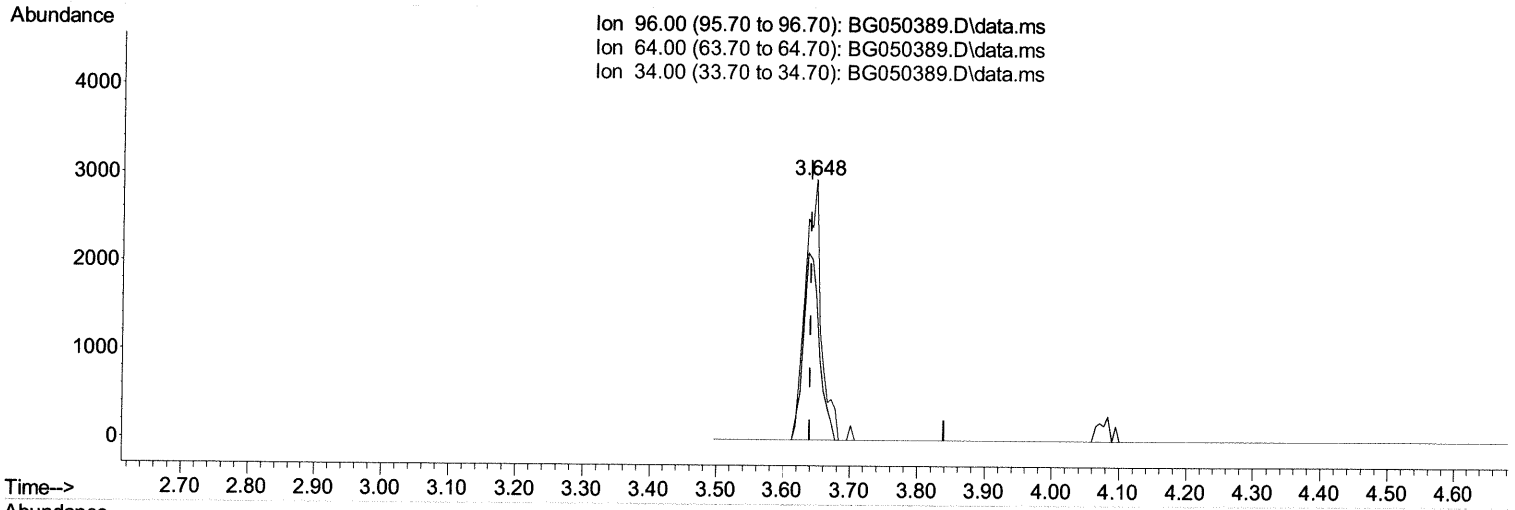

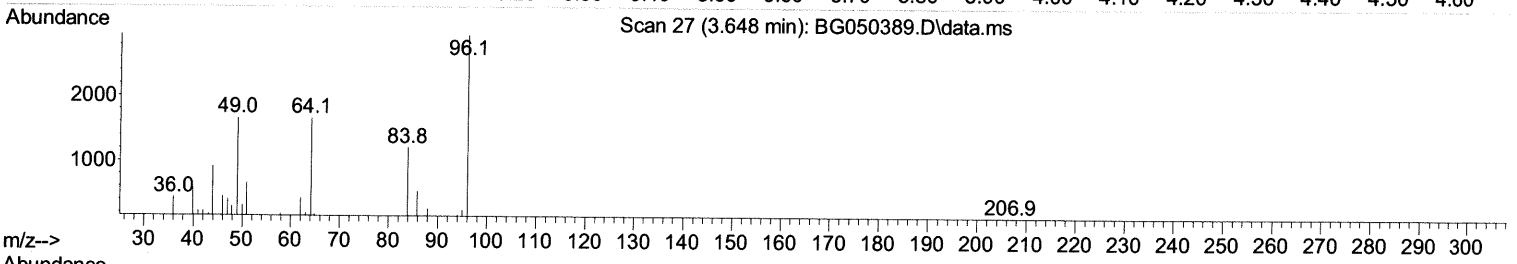

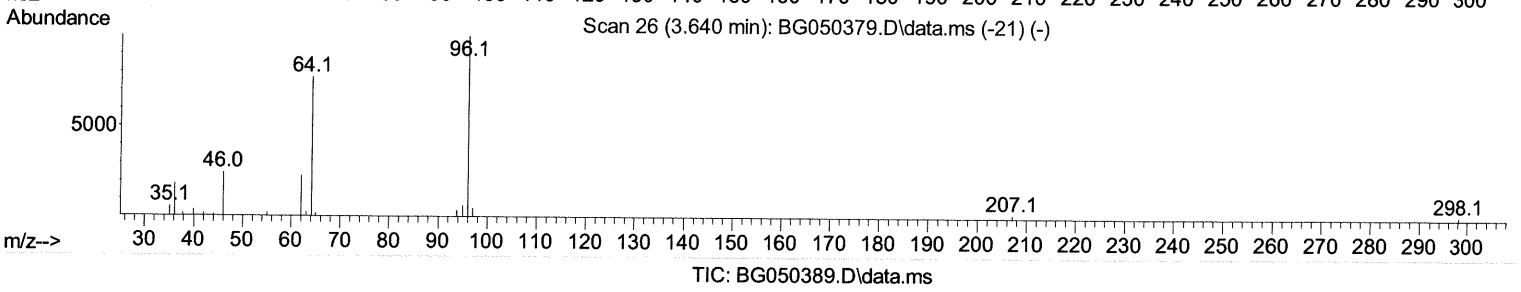

TIC: BG050389.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.648min (+ 0.008) 3.08 ng/uL m 10/05/21 JU

response 4863

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	56.41#
34.00	0.00	0.00
0.00	0.00	0.00

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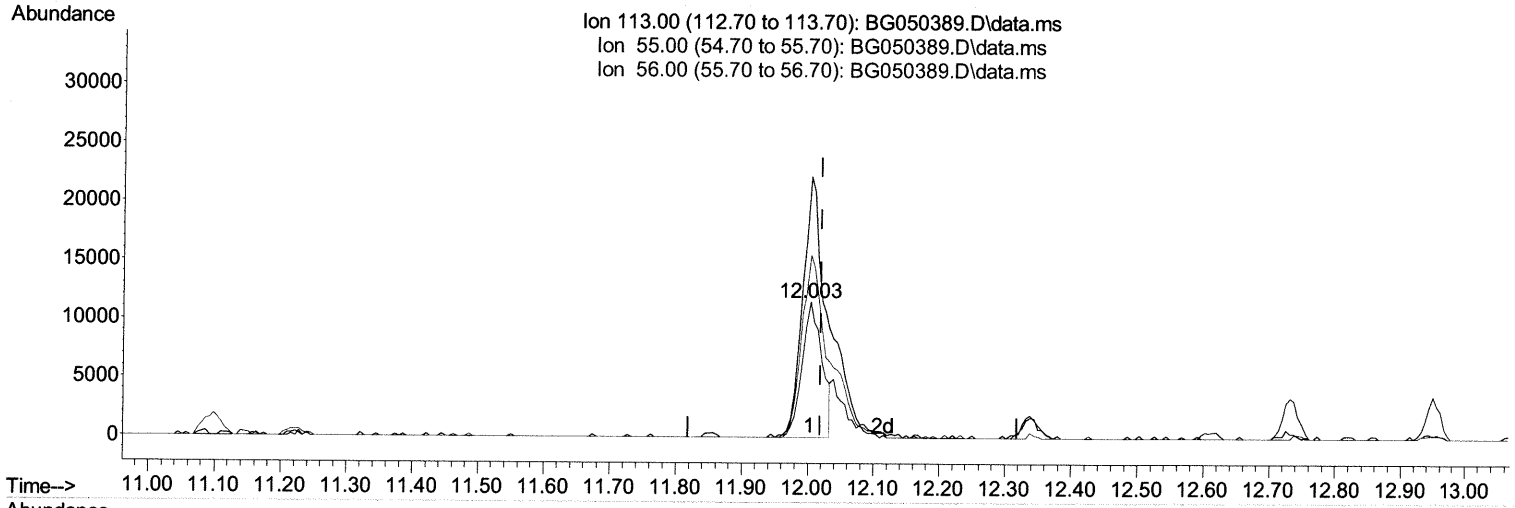

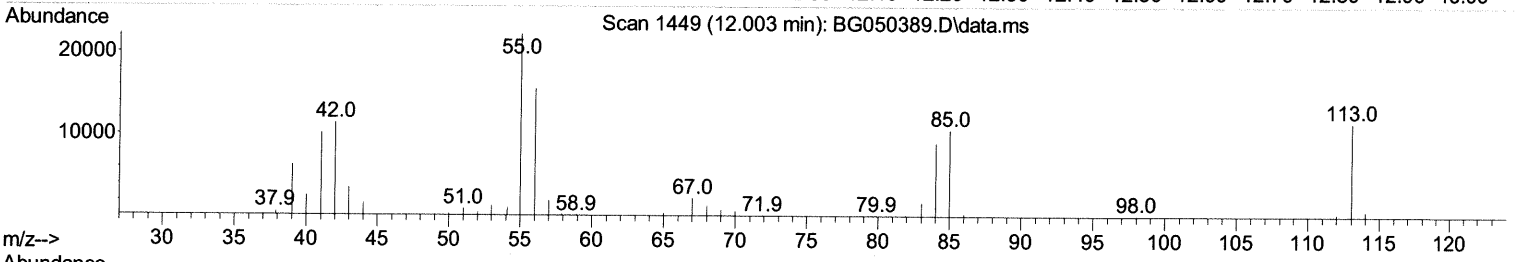

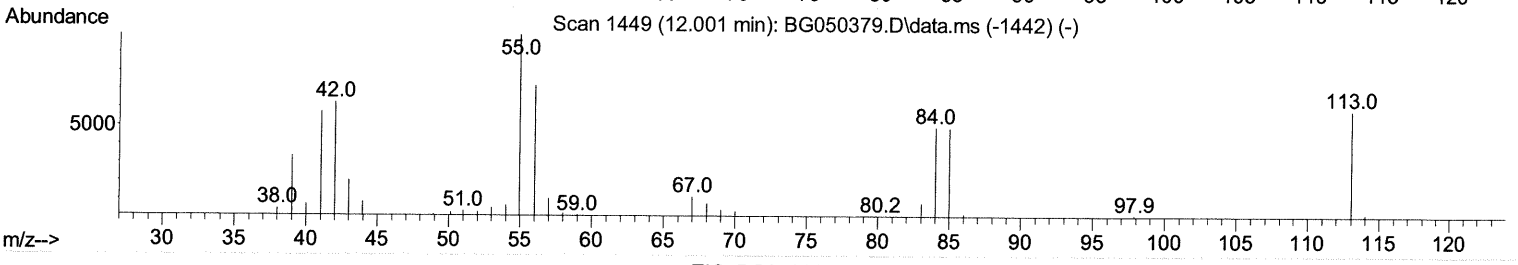

TIC: BG050389.D\data.ms

(34) Caprolactam

12.003min (-0.016) 17.82 ng/ul

response 24433

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	192.42
56.00	132.30	134.65
0.00	0.00	0.00

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mohammad
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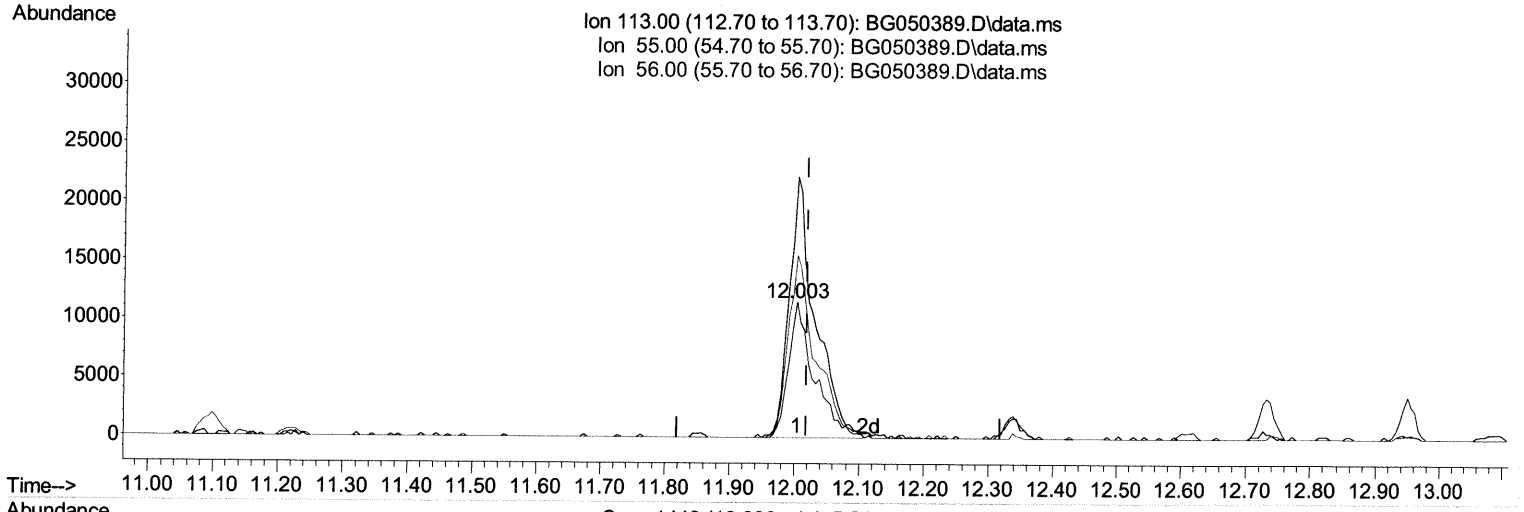

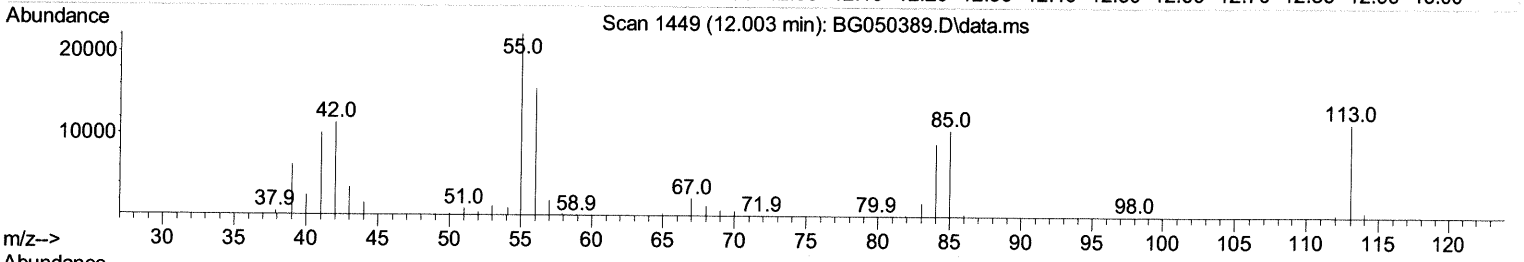

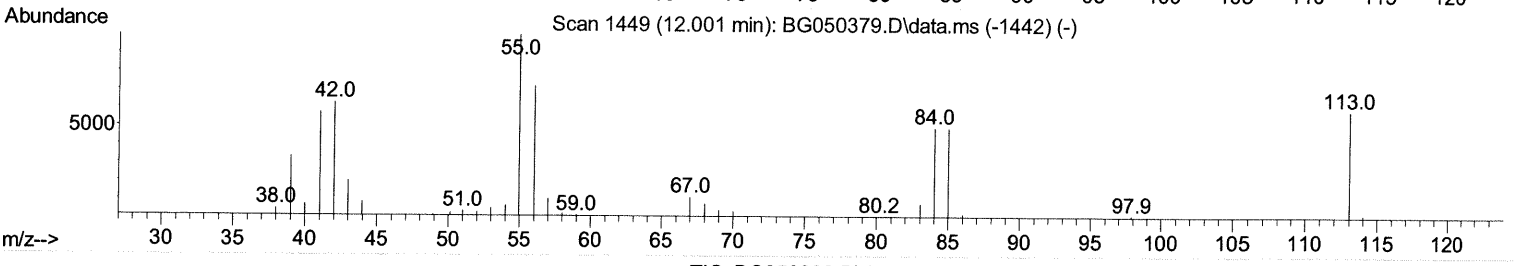

TIC: BG050389.D\data.ms

(34) Caprolactam

12.003min (-0.016) 23.14 ng/ul m 10/05/21 JU

response 31719

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	192.42
56.00	132.30	134.65
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	58001	20.000	ng/ul	0.00
20) Naphthalene-d8	11.098	136	241724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.888	164	157876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.632	188	330180	20.000	ng/ul	0.00
79) Chrysene-d12	21.938	240	289011	20.000	ng/ul	-0.01
88) Perylene-d12	25.358	264	288600	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	4863m	3.080	ng/uL	0.00
4) Pyridine-d5	4.065	84	44585	9.478	ng/ul	0.00
7) Phenol-d5	7.402	99	87407	17.249	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.585	67	54996	17.244	ng/ul	0.00
11) 2-Chlorophenol-d4	7.796	132	60851	17.138	ng/ul	0.00
15) 4-Methylphenol-d8	8.959	113	66049	17.220	ng/ul	0.00
21) Nitrobenzene-d5	9.441	128	31849	18.834	ng/ul	0.00
24) 2-Nitrophenol-d4	10.164	143	34612	19.072	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.699	165	62875	17.545	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.221	131	79449	15.519	ng/ul	0.00
46) Dimethylphthalate-d6	14.283	166	199145	18.431	ng/ul	-0.01
49) Acenaphthylene-d8	14.582	160	240712	17.740	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.052	143	36481	17.530	ng/ul	0.00
60) Fluorene-d10	15.875	176	172807	17.752	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.981	200	31612	19.195	ng/ul	0.00
73) Anthracene-d10	17.731	188	273041	19.575	ng/ul	0.00
81) Pyrene-d10	20.005	212	323436	21.046	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.123	264	280839	19.353	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.677	88	14325	7.500	ng/uL#	94
5) Pyridine	4.089	79	80694	16.934	ng/ul	98
6) Benzaldehyde	7.402	77	81170	24.287	ng/ul	96
8) Phenol	7.432	94	122122	23.512	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.679	93	90922	23.337	ng/ul	97
12) 2-Chlorophenol	7.825	128	82116	22.604	ng/ul	99
13) 2-Methylphenol	8.695	108	82473	21.546	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.789	45	139485	23.862	ng/ul	96
16) Acetophenone	9.095	105	141395	23.201	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.071	70	83486	22.795	ng/ul	93
18) 4-Methylphenol	9.024	108	89574	22.096	ng/ul	100
19) Hexachloroethane	9.365	117	35043	22.445	ng/ul	97
22) Nitrobenzene	9.482	77	120640	23.804	ng/ul	97
23) Isophorone	10.005	82	219146	22.500	ng/ul	99
25) 2-Nitrophenol	10.199	139	45590	24.441	ng/ul	96
26) 2,4-Dimethylphenol	10.240	107	68988	14.900	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.481	93	118394	22.515	ng/ul	96
29) 2,4-Dichlorophenol	10.728	162	80050	22.562	ng/ul	93
30) Naphthalene	11.145	128	268281	21.618	ng/ul	98
32) 4-Chloroaniline	11.245	127	104038	20.185	ng/ul	99
33) Hexachlorobutadiene	11.421	225	55208	21.411	ng/ul	94
34) Caprolactam	12.003	113	31719m	23.139	ng/ul	94
35) 4-Chloro-3-methylphenol	12.338	107	96717	23.121	ng/ul	98

10/05/21 JU

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.731	142	190725	22.605 ng/ul	95
37) 1-Methylnaphthalene	12.949	142	183437	21.596 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.090	216	104306	22.894 ng/ul	95
40) Hexachlorocyclopentadiene	13.066	237	45077	14.919 ng/ul	89
41) 2,4,6-Trichlorophenol	13.325	196	70333	24.492 ng/ul	99
42) 2,4,5-Trichlorophenol	13.395	196	77166	24.565 ng/ul	98
43) 1,1'-Biphenyl	13.724	154	244929	23.053 ng/ul	99
44) 2-Chloronaphthalene	13.771	162	190012	22.828 ng/ul	99
45) 2-Nitroaniline	13.965	65	73450	26.953 ng/ul	92
47) Dimethylphthalate	14.330	163	253256	23.296 ng/ul	100
48) 2,6-Dinitrotoluene	14.453	165	51685	25.275 ng/ul	95
50) Acenaphthylene	14.612	152	290420	21.101 ng/ul	99
51) 3-Nitroaniline	14.782	138	55479	24.941 ng/ul	86
52) Acenaphthene	14.952	153	212898	23.404 ng/ul	97
53) 2,4-Dinitrophenol	14.982	184	29414	23.077 ng/ul	95
55) 4-Nitrophenol	15.064	109	51031	24.799 ng/ul	96
56) Dibenzofuran	15.281	168	296035	22.376 ng/ul	97
57) 2,4-Dinitrotoluene	15.234	165	76586	25.792 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.499	232	66551	24.637 ng/ul	92
59) Diethylphthalate	15.687	149	273599	24.120 ng/ul	99
61) Fluorene	15.934	166	236033	22.425 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.916	204	124675	21.871 ng/ul	91
63) 4-Nitroaniline	15.939	138	59728	26.589 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.992	198	42166	25.902 ng/ul	99
67) N-Nitrosodiphenylamine	16.127	169	220698	26.436 ng/ul	96
68) 4-Bromophenyl-phenylether	16.815	248	78743	25.615 ng/ul	93
69) Hexachlorobenzene	16.932	284	82044	25.345 ng/ul	96
70) Atrazine	17.068	200	91343	25.698 ng/ul	97
71) Pentachlorophenol	17.267	266	50340	23.746 ng/ul	98
72) Phenanthrene	17.673	178	413922	25.114 ng/ul	99
74) Anthracene	17.767	178	407342	24.956 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.695	216	109425	25.138 ng/uL	93
76) Pentachlorobenzene	15.199	250	95118	23.918 ng/uL	99
77) Carbazole	18.031	167	392476	26.863 ng/ul	100
78) Di-n-butylphthalate	18.572	149	465886	26.910 ng/ul	99
80) Fluoranthene	19.670	202	510062	26.430 ng/ul	99
82) Pyrene	20.035	202	493839	25.949 ng/ul	98
83) Butylbenzylphthalate	20.904	149	204958	29.218 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.821	252	120193	20.177 ng/ul	99
85) Benzo(a)anthracene	21.915	228	462234	26.530 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.797	149	309972	30.751 ng/ul	98
87) Chrysene	21.985	228	436892	26.166 ng/ul	99
89) Di-n-octyl phthalate	23.084	149	508663	30.673 ng/ul	100
90) Benzo(b)fluoranthene	24.265	252	466456	26.535 ng/ul	98
91) Benzo(k)fluoranthene	24.341	252	452419	27.658 ng/ul	99
93) Benzo(a)pyrene	25.199	252	404305	24.105 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.289	276	506839	26.915 ng/ul	98
95) Dibenzo(a,h)anthracene	29.365	278	425146	26.530 ng/ul	98
96) Benzo(g,h,i)perylene	30.522	276	320794	20.209 ng/ul	96

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