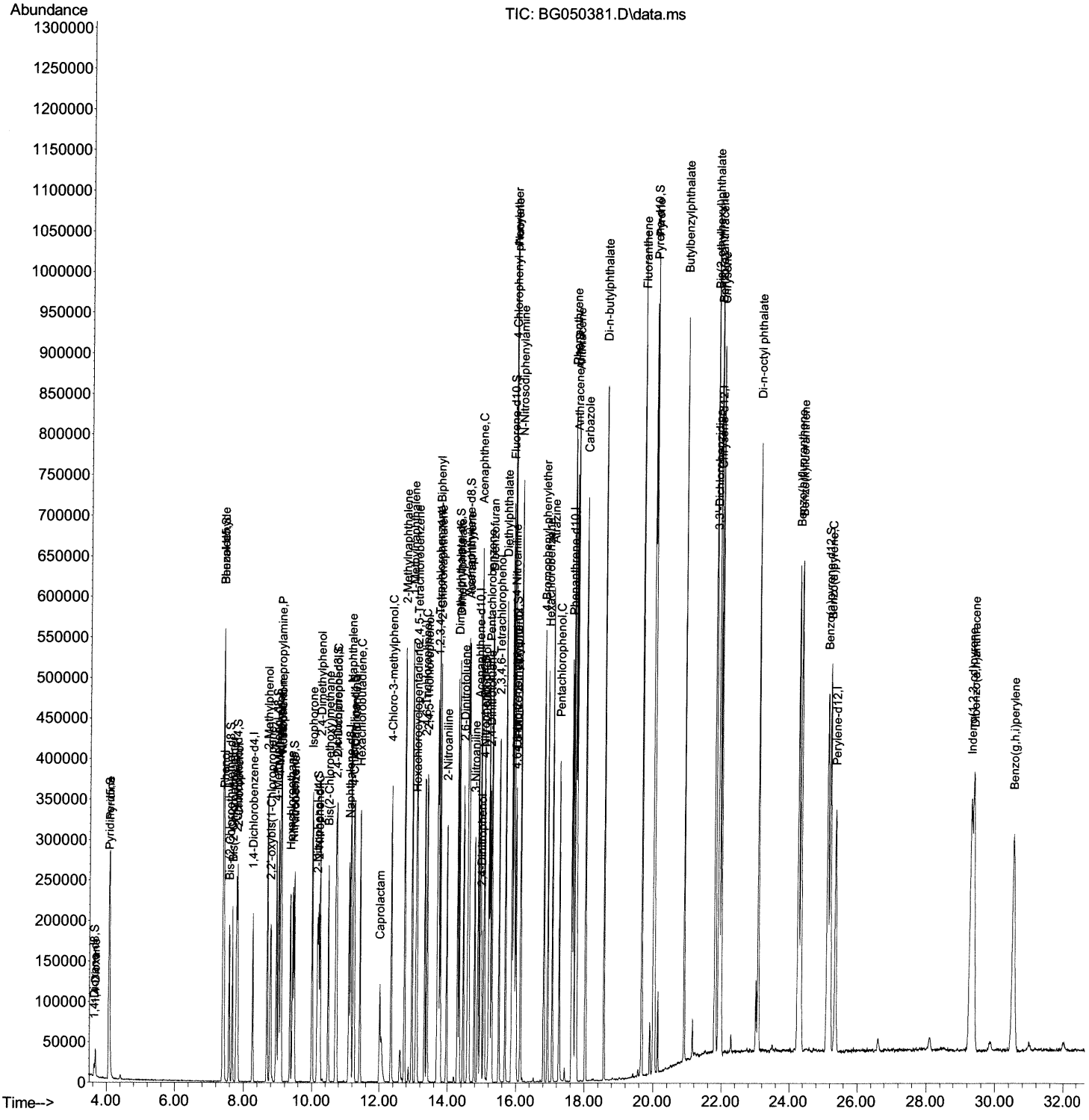
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050381.D
Acq On : 2 Oct 2021 8:44
Operator : CG/JU
Sample : PB139462BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Oct 04 01:05:07 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 :
SLCS462

Manual Integrations APPROVED
mohammad
10/4/2021 11:50:59 AM



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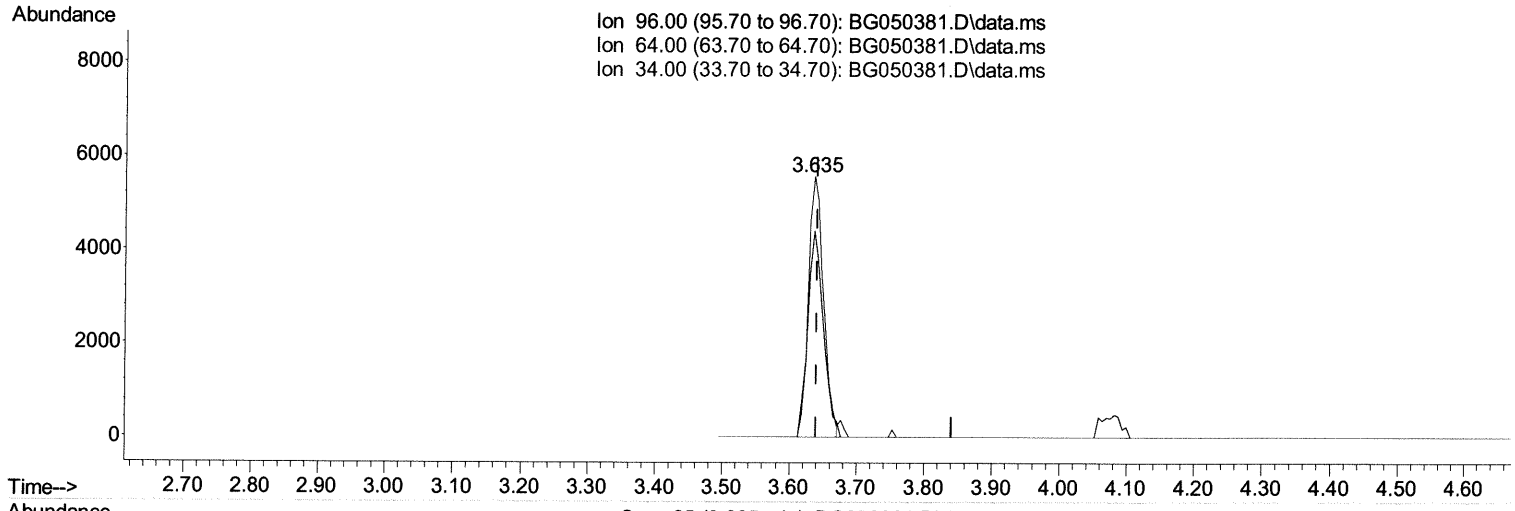

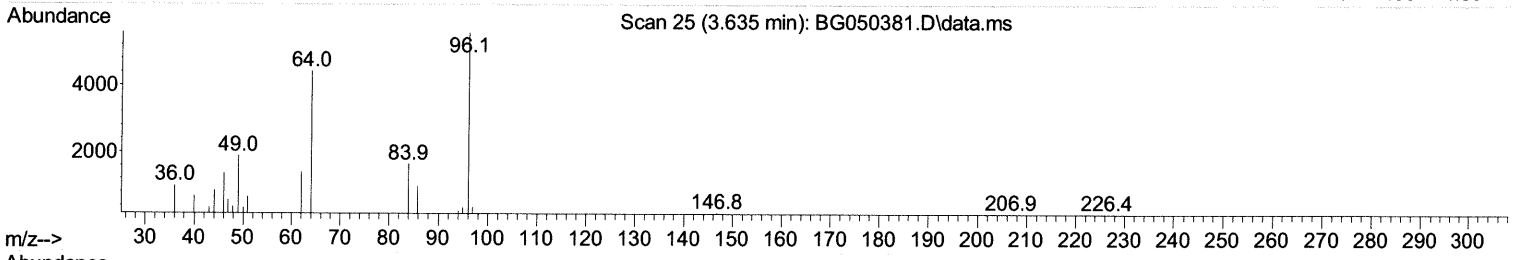

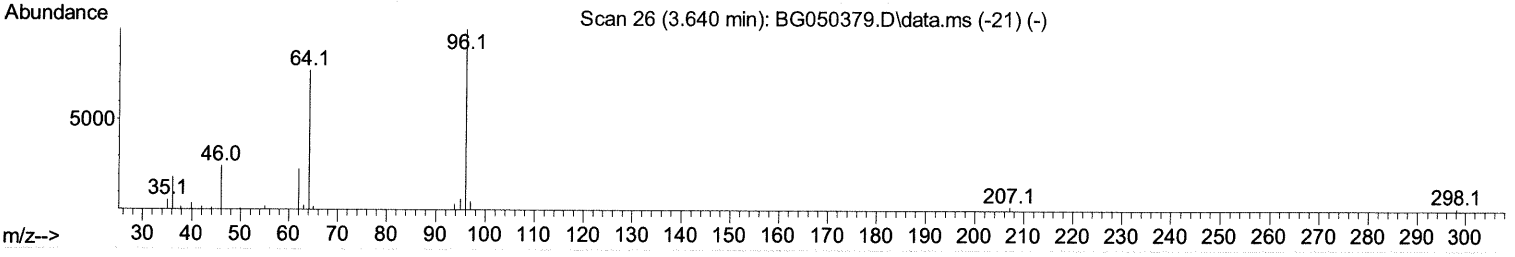

TIC: BG050381.D\data.ms

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

3.635min (-0.005) 6.13 ng/uL

response 8922

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	79.22
34.00	0.00	0.00
0.00	0.00	0.00

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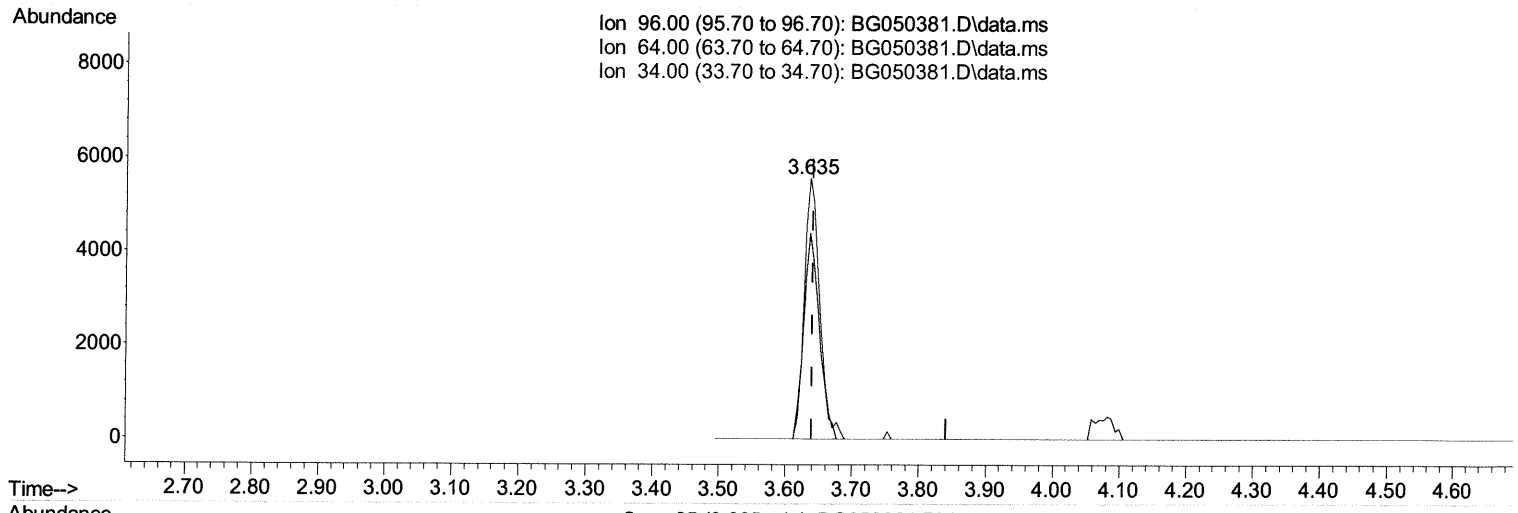

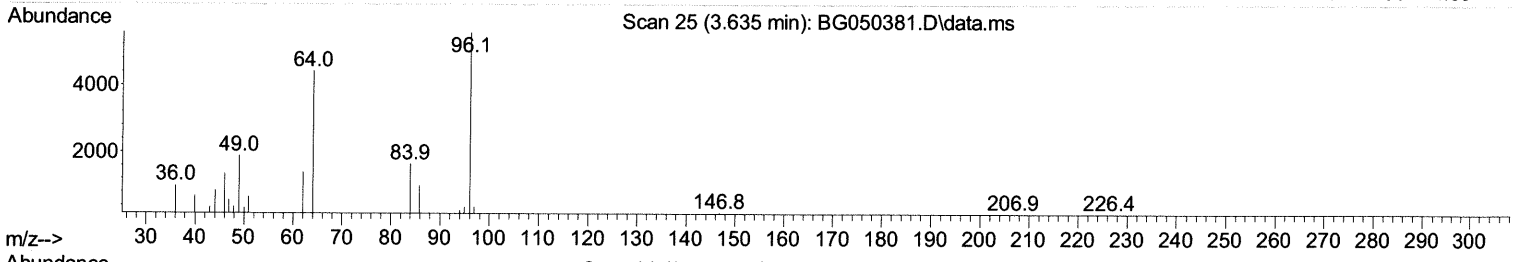

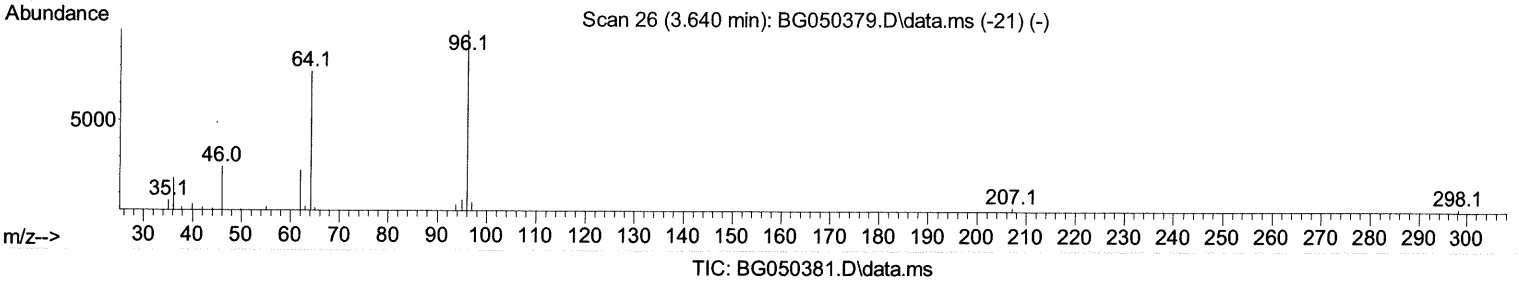

TIC: BG050381.D\data.ms

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

3.635min (-0.005) 6.26 ng/uL m 10/05/21JU

response 9102

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	79.22
34.00	0.00	0.00
0.00	0.00	0.00

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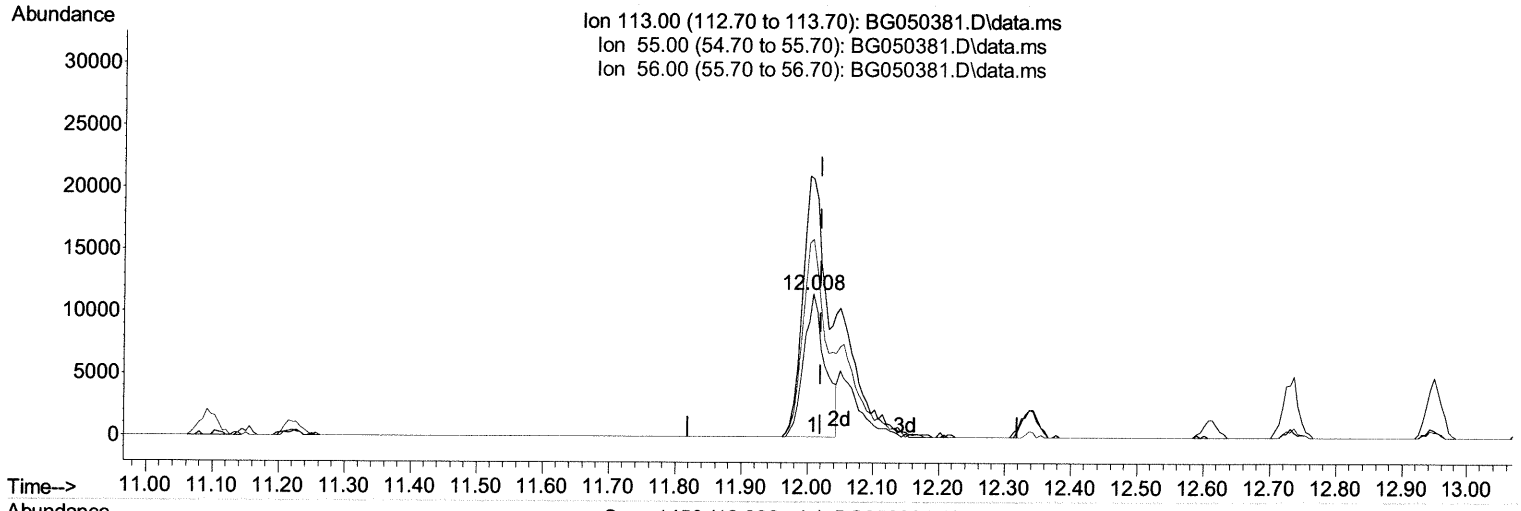

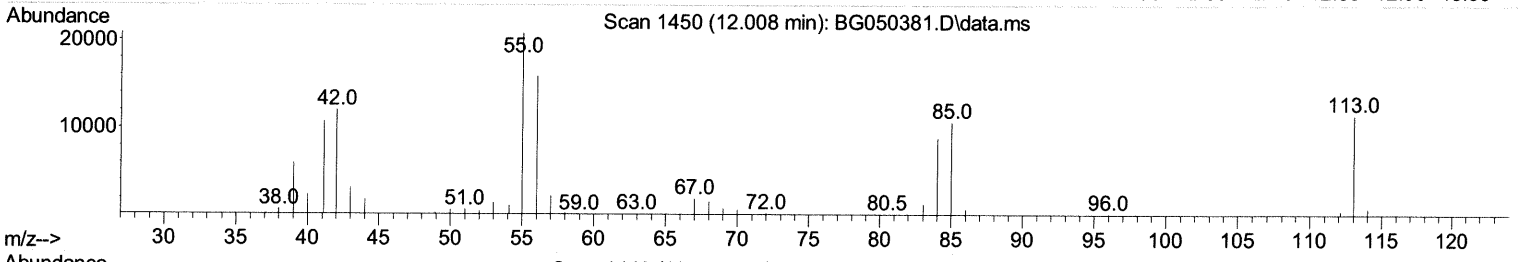

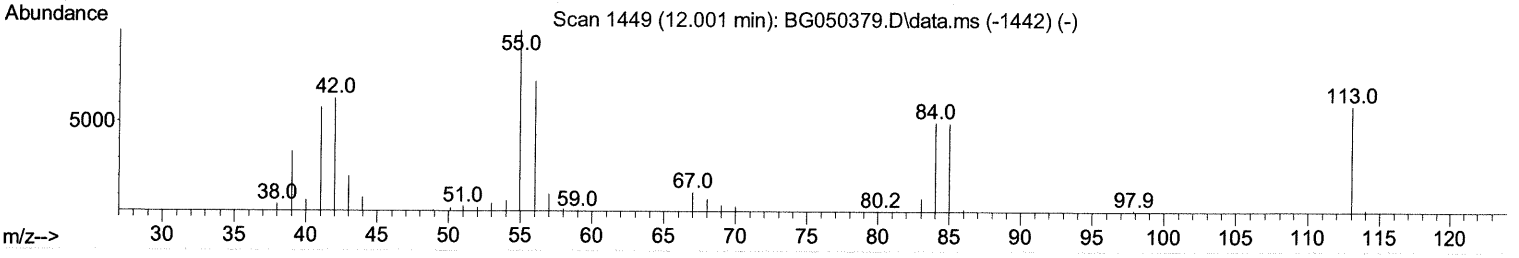

TIC: BG050381.D\data.ms

(34) Caprolactam

12.008min (-0.011) 20.85 ng/ul

response 26222

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	180.87
56.00	132.30	138.28
0.00	0.00	0.00

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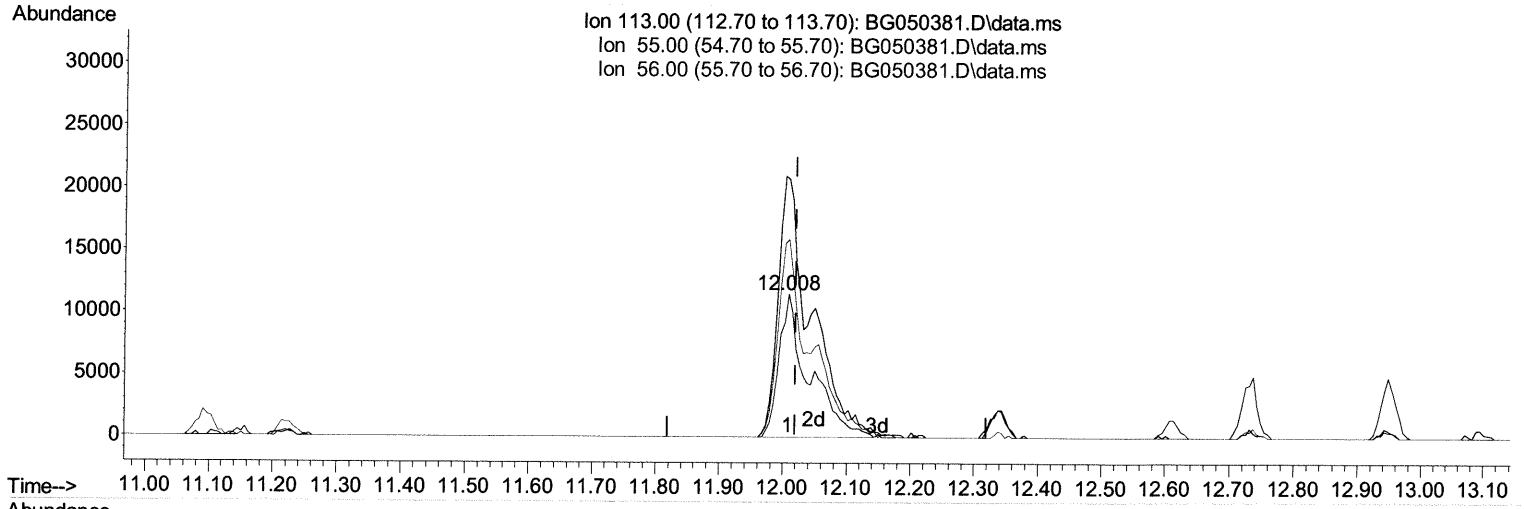

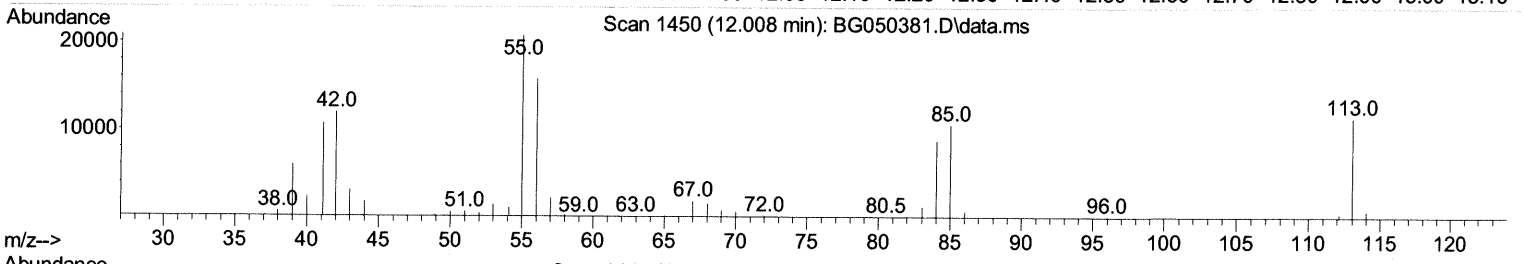

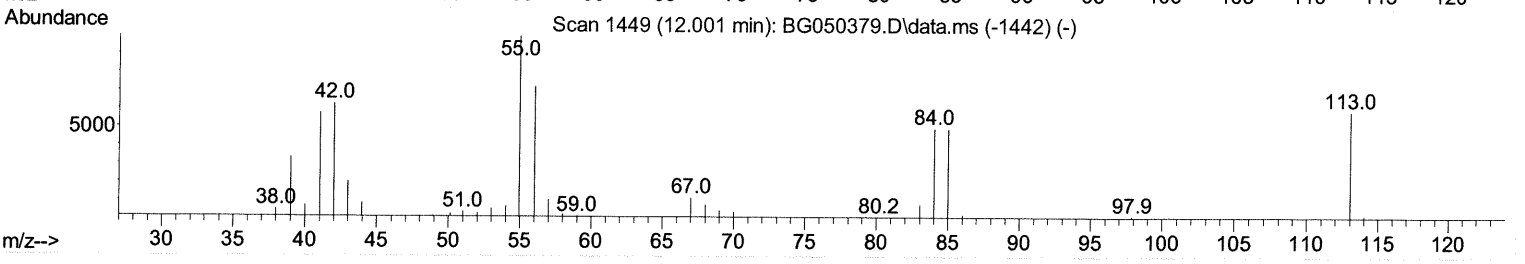

TIC: BG050381.D\data.ms

(34) Caprolactam

12.008min (-0.011) 29.81 ng/ul m 10/05/21 JU

response 37492

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	180.87
56.00	132.30	138.28
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	53451	20.000	ng/ul	0.00
20) Naphthalene-d8	11.097	136	221818	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	146412	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	320988	20.000	ng/ul	0.00
79) Chrysene-d12	21.932	240	299878	20.000	ng/ul	#-0.02
88) Perylene-d12	25.357	264	309071	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	9102m	> 6.256	ng/uL	> 0.00 10/05/21 JU
4) Pyridine-d5	4.058	84	130060	30.001	ng/ul	-0.01
7) Phenol-d5	7.402	99	151746	32.494	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.584	67	97681	33.235	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	105681	32.297	ng/ul	0.00
15) 4-Methylphenol-d8	8.964	113	117682	33.293	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	54022	34.813	ng/ul	0.00
24) 2-Nitrophenol-d4	10.163	143	59509	35.733	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.704	165	105633	32.121	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	137152	29.194	ng/ul	0.00
46) Dimethylphthalate-d6	14.282	166	314875	31.424	ng/ul	-0.01
49) Acenaphthylene-d8	14.581	160	395598	31.437	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.051	143	61758	32.001	ng/ul	0.00
60) Fluorene-d10	15.874	176	281633	31.197	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.980	200	52649	32.885	ng/ul	0.00
73) Anthracene-d10	17.731	188	433401	31.961	ng/ul	0.00
81) Pyrene-d10	20.004	212	529018	33.176	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.116	264	494057	31.790	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.671	88	20315	11.542	ng/uL#	80
5) Pyridine	4.082	79	134778	30.692	ng/ul	99
6) Benzaldehyde	7.402	77	107387	34.867	ng/ul	96
8) Phenol	7.431	94	159053	33.228	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.678	93	118892	33.114	ng/ul	99
12) 2-Chlorophenol	7.830	128	108200	32.320	ng/ul	90
13) 2-Methylphenol	8.694	108	117405	33.282	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.788	45	186125	34.552	ng/ul	99
16) Acetophenone	9.100	105	178020	31.698	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.076	70	106610	31.587	ng/ul	95
18) 4-Methylphenol	9.023	108	121284	32.465	ng/ul	99
19) Hexachloroethane	9.364	117	47402	32.945	ng/ul	95
22) Nitrobenzene	9.481	77	159220	34.236	ng/ul	96
23) Isophorone	10.004	82	281165	31.458	ng/ul	99
25) 2-Nitrophenol	10.198	139	60561	35.381	ng/ul	94
26) 2,4-Dimethylphenol	10.239	107	134880	31.745	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.486	93	157994	32.742	ng/ul	99
29) 2,4-Dichlorophenol	10.727	162	104333	32.044	ng/ul	99
30) Naphthalene	11.144	128	354282	31.110	ng/ul	98
32) 4-Chloroaniline	11.244	127	136868	28.937	ng/ul	95
33) Hexachlorobutadiene	11.420	225	72129	30.484	ng/ul	97
34) Caprolactam	12.008	113	37492m	> 29.805	ng/ul	> 10/05/21 JU
35) 4-Chloro-3-methylphenol	12.337	107	122822	31.996	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.731	142	246076	31.782	ng/ul	96
37) 1-Methylnaphthalene	12.948	142	235034	30.154	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.089	216	135754	32.129	ng/ul#	98
40) Hexachlorocyclopentadiene	13.065	237	77701	27.730	ng/ul	94
41) 2,4,6-Trichlorophenol	13.324	196	89179	33.487	ng/ul	97
42) 2,4,5-Trichlorophenol	13.389	196	97611	33.507	ng/ul	95
43) 1,1'-Biphenyl	13.724	154	313608	31.829	ng/ul	100
44) 2-Chloronaphthalene	13.771	162	245610	31.818	ng/ul	99
45) 2-Nitroaniline	13.964	65	93716	37.083	ng/ul	92
47) Dimethylphthalate	14.329	163	312542	31.001	ng/ul	99
48) 2,6-Dinitrotoluene	14.452	165	64283	33.897	ng/ul	98
50) Acenaphthylene	14.611	152	369774	28.970	ng/ul	98
51) 3-Nitroaniline	14.781	138	67249	32.600	ng/ul	87
52) Acenaphthene	14.952	153	268721	31.853	ng/ul	98
53) 2,4-Dinitrophenol	14.981	184	36639	30.996	ng/ul	93
55) 4-Nitrophenol	15.069	109	61878	32.424	ng/ul	90
56) Dibenzofuran	15.281	168	377278	30.749	ng/ul	97
57) 2,4-Dinitrotoluene	15.234	165	92357	33.538	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.498	232	79939	31.910	ng/ul#	89
59) Diethylphthalate	15.686	149	331319	31.495	ng/ul	98
61) Fluorene	15.933	166	294464	30.166	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.915	204	161359	30.523	ng/ul	95
63) 4-Nitroaniline	15.944	138	69124	33.182	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.991	198	52129	32.939	ng/ul#	97
67) N-Nitrosodiphenylamine	16.127	169	265702	32.739	ng/ul	98
68) 4-Bromophenyl-phenylether	16.814	248	97572	32.649	ng/ul	94
69) Hexachlorobenzene	16.926	284	100718	32.005	ng/ul	99
70) Atrazine	17.067	200	108780	31.480	ng/ul	99
71) Pentachlorophenol	17.266	266	66948	32.485	ng/ul	100
72) Phenanthrene	17.672	178	509100	31.774	ng/ul	99
74) Anthracene	17.766	178	504302	31.780	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	146286	34.568	ng/uL	98
76) Pentachlorobenzene	15.198	250	122375	31.653	ng/uL	96
77) Carbazole	18.030	167	468095	32.957	ng/ul	99
78) Di-n-butylphthalate	18.571	149	565683	33.610	ng/ul	99
80) Fluoranthene	19.670	202	640918	32.007	ng/ul	99
82) Pyrene	20.034	202	631031	31.957	ng/ul	99
83) Butylbenzylphthalate	20.903	149	257228	35.341	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.820	252	210657	34.082	ng/ul	99
85) Benzo(a)anthracene	21.908	228	606130	33.528	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.796	149	380169	36.349	ng/ul#	99
87) Chrysene	21.984	228	570001	32.900	ng/ul	100
89) Di-n-octyl phthalate	23.083	149	648191	36.498	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	618929	32.877	ng/ul	99
91) Benzo(k)fluoranthene	24.335	252	607114	34.657	ng/ul	99
93) Benzo(a)pyrene	25.198	252	548230	30.522	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.288	276	675455	33.493	ng/ul	94
95) Dibenzo(a,h)anthracene	29.358	278	566583	33.014	ng/ul	96
96) Benzo(g,h,i)perylene	30.516	276	562706	33.100	ng/ul	97

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