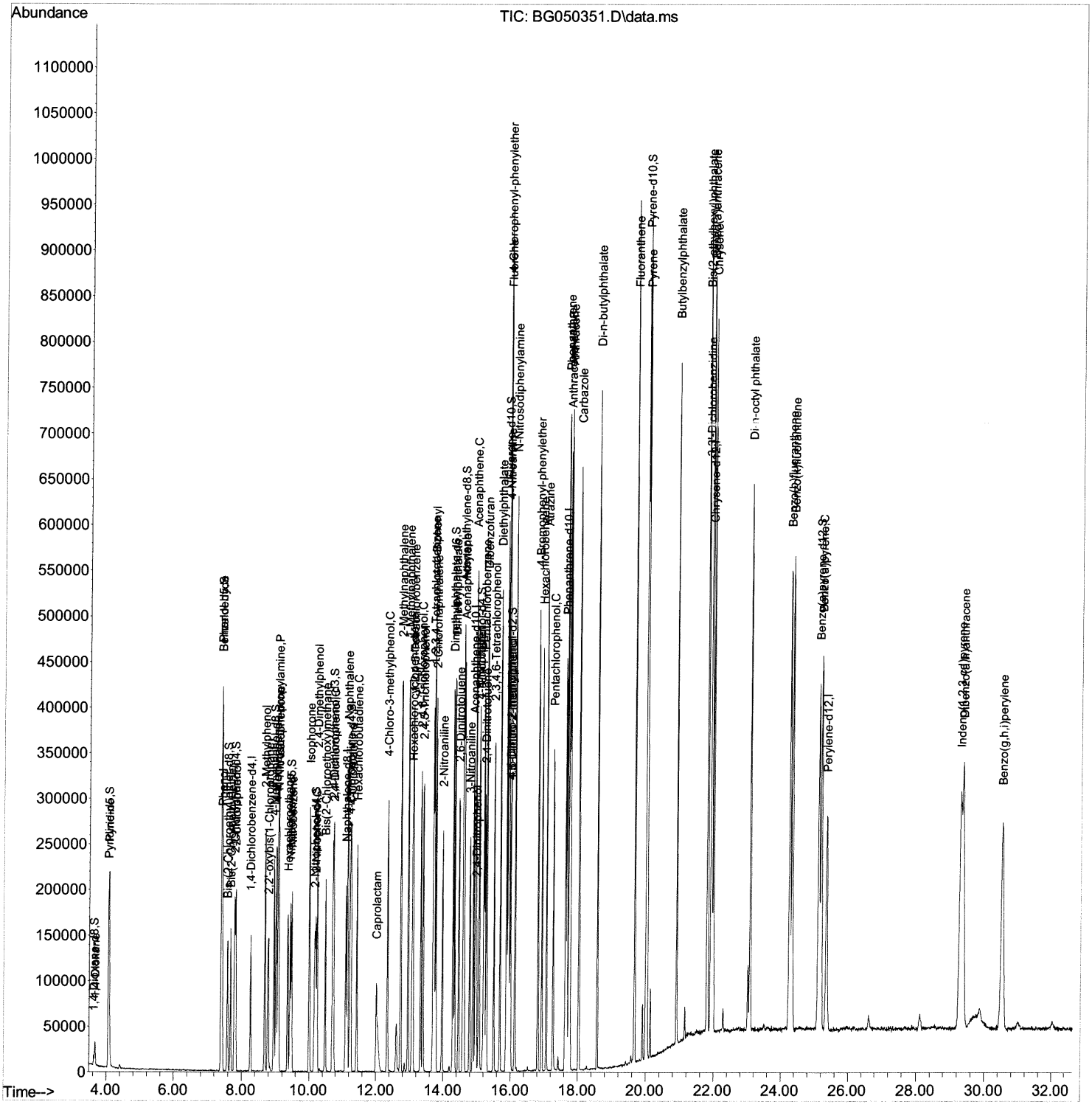
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050351.D
Acq On : 1 Oct 2021 10:13
Operator : CG/JU
Sample : PB139436BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 01 11:15:58 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 :
SLCS436

Manual Integrations APPROVED
mohammad
10/1/2021 11:30:44 AM



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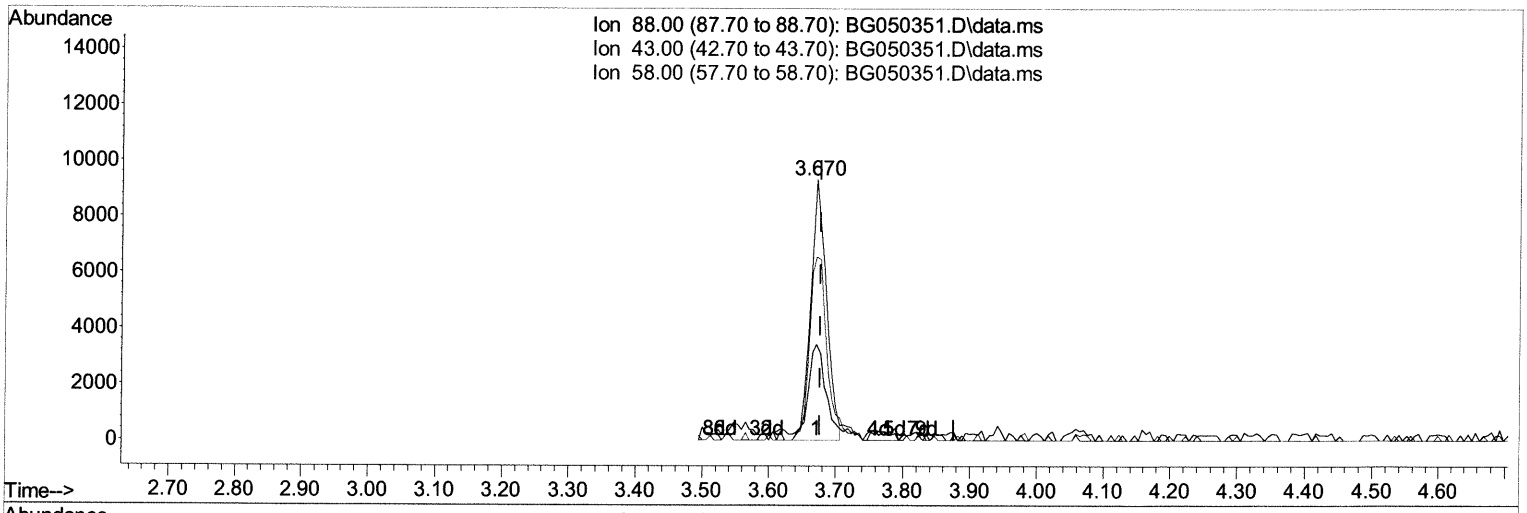

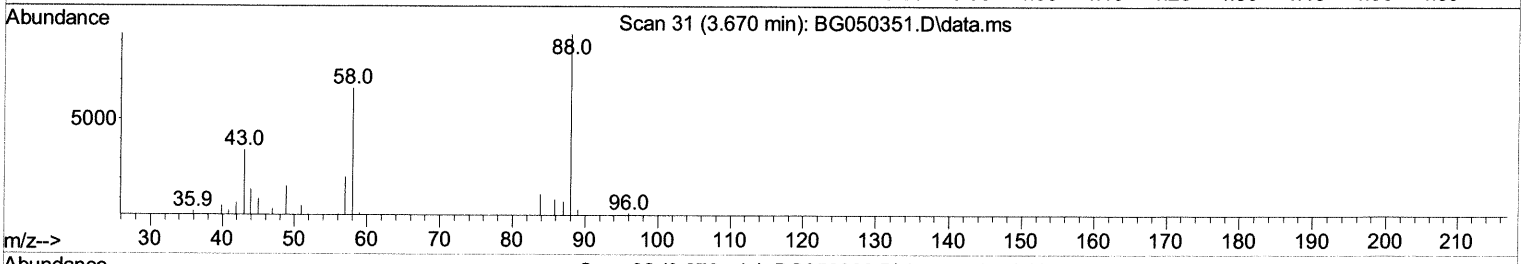

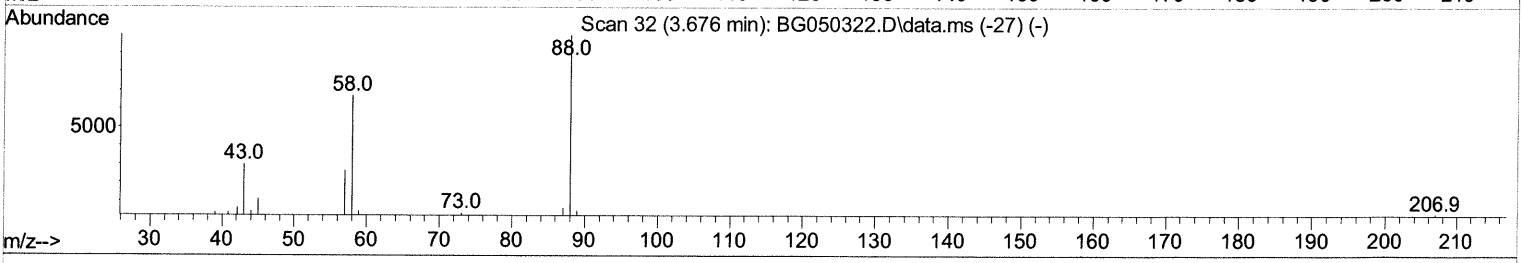

TIC: BG050351.D\data.ms

(2) 1,4-Dioxane

3.670min (-0.006) 11.55 ng/uL

response 15303

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	36.77#
58.00	67.10	70.48
0.00	0.00	0.00

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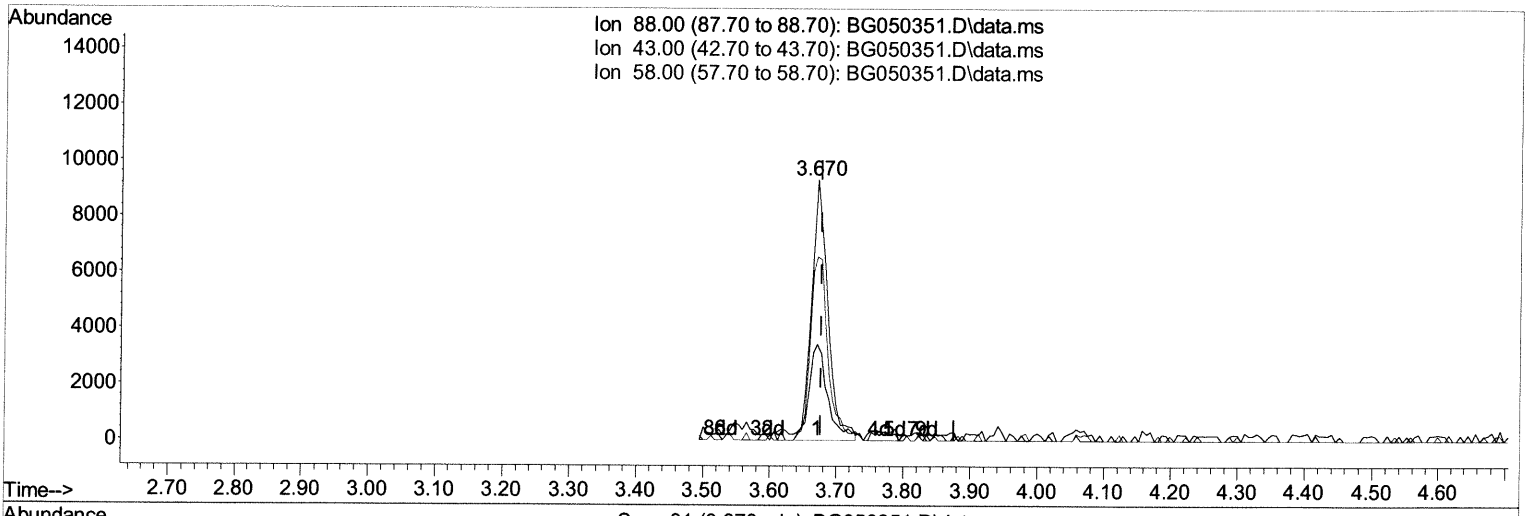

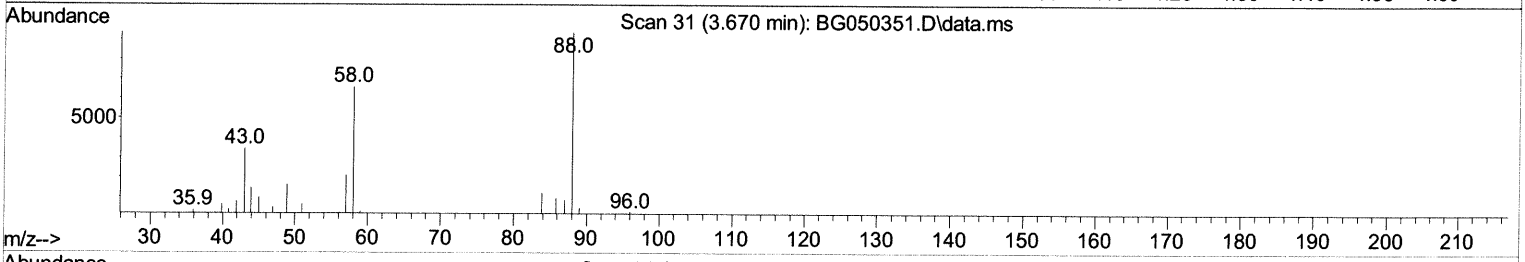

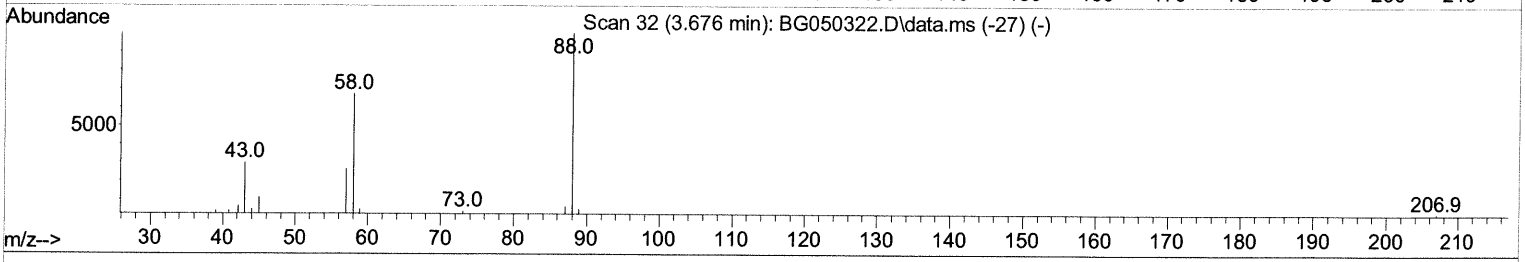

TIC: BG050351.D\data.ms

(2) 1,4-Dioxane

3.670min (-0.006) 11.98 ng/uL m 10/05/21 JU

response 15874

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	36.77#
58.00	67.10	70.48
0.00	0.00	0.00

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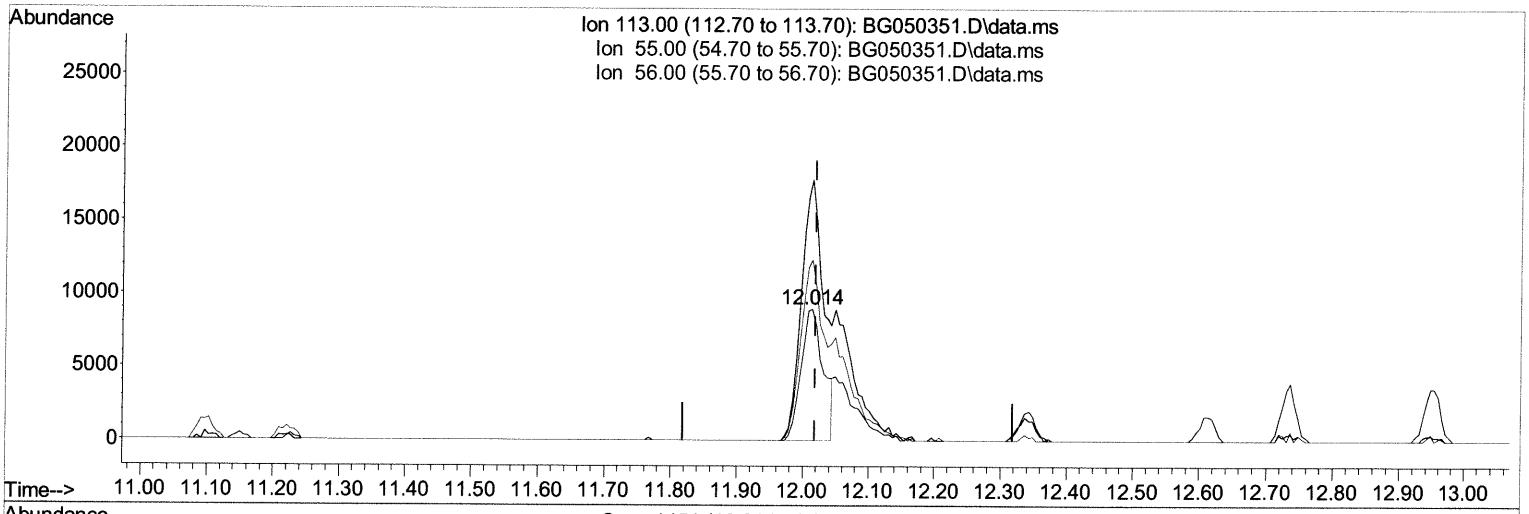

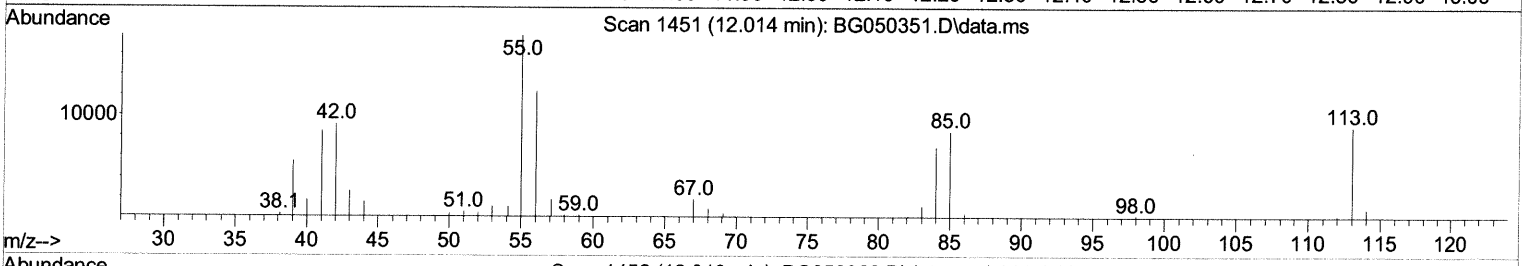

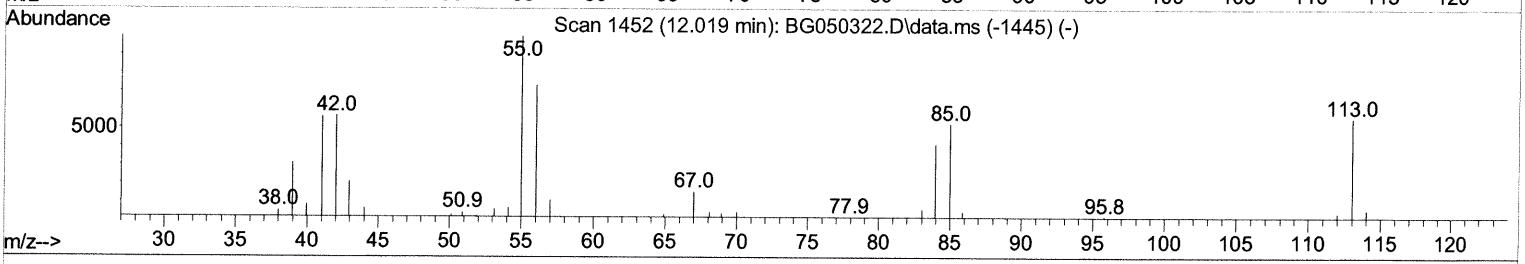

TIC: BG050351.D\data.ms

(34) Caprolactam

12.014min (-0.005) 22.08 ng/ul

response 21088

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	198.37
56.00	132.30	137.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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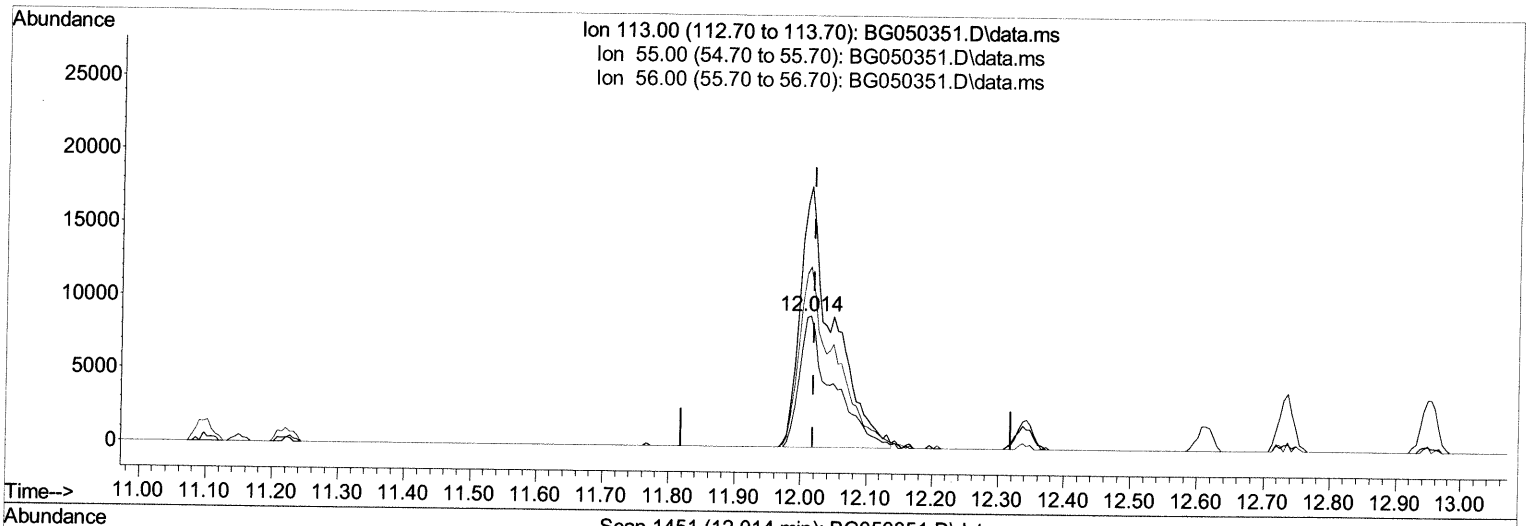

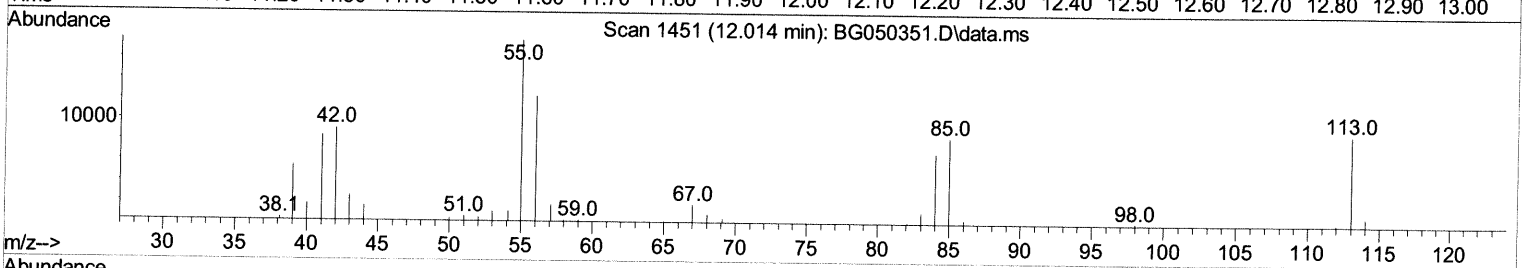

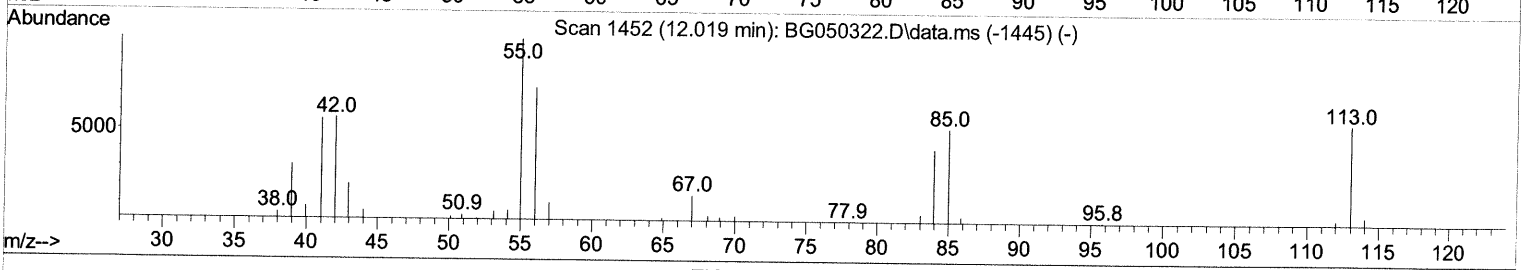

TIC: BG050351.D\data.ms

(34) Caprolactam

12.014min (-0.005) 32.98 ng/ul m 10/05/21 JU

response 31491

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	198.37
56.00	132.30	137.43
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	40250	20.000	ng/ul	0.00
20) Naphthalene-d8	11.097	136	168403	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	118351	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	278913	20.000	ng/ul	0.00
79) Chrysene-d12	21.937	240	255820	20.000	ng/ul	-0.01
88) Perylene-d12	25.357	264	259735	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	6582	6.008	ng/uL	0.00
4) Pyridine-d5	4.058	84	100303	30.725	ng/ul	-0.01
7) Phenol-d5	7.401	99	117803	33.499	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.584	67	73660	33.282	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	80390	32.625	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	90150	33.869	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	41452	35.186	ng/ul	0.00
24) 2-Nitrophenol-d4	10.169	143	44922	35.529	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.703	165	83318	33.371	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	109428	30.680	ng/ul	0.00
46) Dimethylphthalate-d6	14.287	166	275330	33.993	ng/ul	0.00
49) Acenaphthylene-d8	14.587	160	337630	33.192	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	54512	34.943	ng/ul	0.00
60) Fluorene-d10	15.880	176	246659	33.801	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.980	200	47040	33.814	ng/ul	0.00
73) Anthracene-d10	17.730	188	401124	34.043	ng/ul	0.00
81) Pyrene-d10	20.004	212	477690	35.117	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.128	264	419610	32.129	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.670	88	15874m	> 11.976	ng/uL	> 10/05/21 JU
5) Pyridine	4.082	79	101571	30.716	ng/ul	98
6) Benzaldehyde	7.407	77	80518	34.717	ng/ul	98
8) Phenol	7.431	94	121300	33.653	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.683	93	90514	33.479	ng/ul	98
12) 2-Chlorophenol	7.830	128	83305	33.045	ng/ul	92
13) 2-Methylphenol	8.694	108	88896	33.466	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.800	45	138666	34.184	ng/ul	98
16) Acetophenone	9.099	105	139065	32.883	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.076	70	82257	32.365	ng/ul#	93
18) 4-Methylphenol	9.023	108	93733	33.319	ng/ul	94
19) Hexachloroethane	9.370	117	35226	32.513	ng/ul	98
22) Nitrobenzene	9.487	77	122131	34.591	ng/ul	99
23) Isophorone	10.010	82	221644	32.665	ng/ul	98
25) 2-Nitrophenol	10.198	139	47157	36.289	ng/ul	96
26) 2,4-Dimethylphenol	10.239	107	108607	33.669	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.486	93	122226	33.364	ng/ul	97
29) 2,4-Dichlorophenol	10.733	162	84231	34.076	ng/ul	97
30) Naphthalene	11.150	128	282986	32.731	ng/ul	98
32) 4-Chloroaniline	11.250	127	110423	30.751	ng/ul	98
33) Hexachlorobutadiene	11.426	225	56916	31.685	ng/ul	96
34) Caprolactam	12.014	113	31491m	> 32.975	ng/ul	> 10/05/21 JU
35) 4-Chloro-3-methylphenol	12.337	107	101365	34.782	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.736	142	199341	33.912	ng/ul	94
37) 1-Methylnaphthalene	12.954	142	192535	32.536	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.095	216	112579	32.962	ng/ul	98
40) Hexachlorocyclopentadiene	13.071	237	66162	29.210	ng/ul	89
41) 2,4,6-Trichlorophenol	13.324	196	75897	35.256	ng/ul	97
42) 2,4,5-Trichlorophenol	13.394	196	81018	34.405	ng/ul	96
43) 1,1'-Biphenyl	13.729	154	258958	32.514	ng/ul	98
44) 2-Chloronaphthalene	13.776	162	201990	32.372	ng/ul	97
45) 2-Nitroaniline	13.970	65	77204	37.793	ng/ul	95
47) Dimethylphthalate	14.334	163	277542	34.056	ng/ul	98
48) 2,6-Dinitrotoluene	14.458	165	56044	36.559	ng/ul	90
50) Acenaphthylene	14.616	152	314006	30.433	ng/ul	98
51) 3-Nitroaniline	14.781	138	57691	34.597	ng/ul	88
52) Acenaphthene	14.951	153	229779	33.695	ng/ul	99
53) 2,4-Dinitrophenol	14.981	184	32437	33.947	ng/ul	94
55) 4-Nitrophenol	15.069	109	53914	34.950	ng/ul	97
56) Dibenzofuran	15.286	168	327895	33.061	ng/ul	98
57) 2,4-Dinitrotoluene	15.239	165	79522	35.724	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.504	232	71379	35.249	ng/ul	95
59) Diethylphthalate	15.686	149	294686	34.655	ng/ul	98
61) Fluorene	15.933	166	260997	33.077	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.921	204	142057	33.243	ng/ul	97
63) 4-Nitroaniline	15.944	138	61231	36.362	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.997	198	46597	33.885	ng/ul	93
67) N-Nitrosodiphenylamine	16.132	169	239997	34.032	ng/ul	96
68) 4-Bromophenyl-phenylether	16.814	248	88001	33.889	ng/ul	94
69) Hexachlorobenzene	16.931	284	91808	33.575	ng/ul	98
70) Atrazine	17.072	200	98119	32.678	ng/ul	96
71) Pentachlorophenol	17.272	266	60431	33.746	ng/ul	98
72) Phenanthrene	17.678	178	463867	33.318	ng/ul	98
74) Anthracene	17.766	178	461768	33.490	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	121016	32.910	ng/uL	94
76) Pentachlorobenzene	15.198	250	106725	31.770	ng/uL	99
77) Carbazole	18.030	167	423752	34.335	ng/ul	100
78) Di-n-butylphthalate	18.577	149	509149	34.814	ng/ul	100
80) Fluoranthene	19.669	202	581471	34.039	ng/ul	99
82) Pyrene	20.034	202	574186	34.086	ng/ul	97
83) Butylbenzylphthalate	20.909	149	218420	35.177	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.820	252	173195	32.847	ng/ul	100
85) Benzo(a)anthracene	21.914	228	520055	33.721	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.802	149	315414	35.351	ng/ul	100
87) Chrysene	21.984	228	496432	33.589	ng/ul	99
89) Di-n-octyl phthalate	23.089	149	533880	35.772	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	526595	33.286	ng/ul	98
91) Benzo(k)fluoranthene	24.340	252	512348	34.803	ng/ul	99
93) Benzo(a)pyrene	25.198	252	467316	30.959	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.293	276	578823	34.154	ng/ul	98
95) Dibenzo(a,h)anthracene	29.370	278	476842	33.063	ng/ul	98
96) Benzo(g,h,i)perylene	30.527	276	473636	33.153	ng/ul	98

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