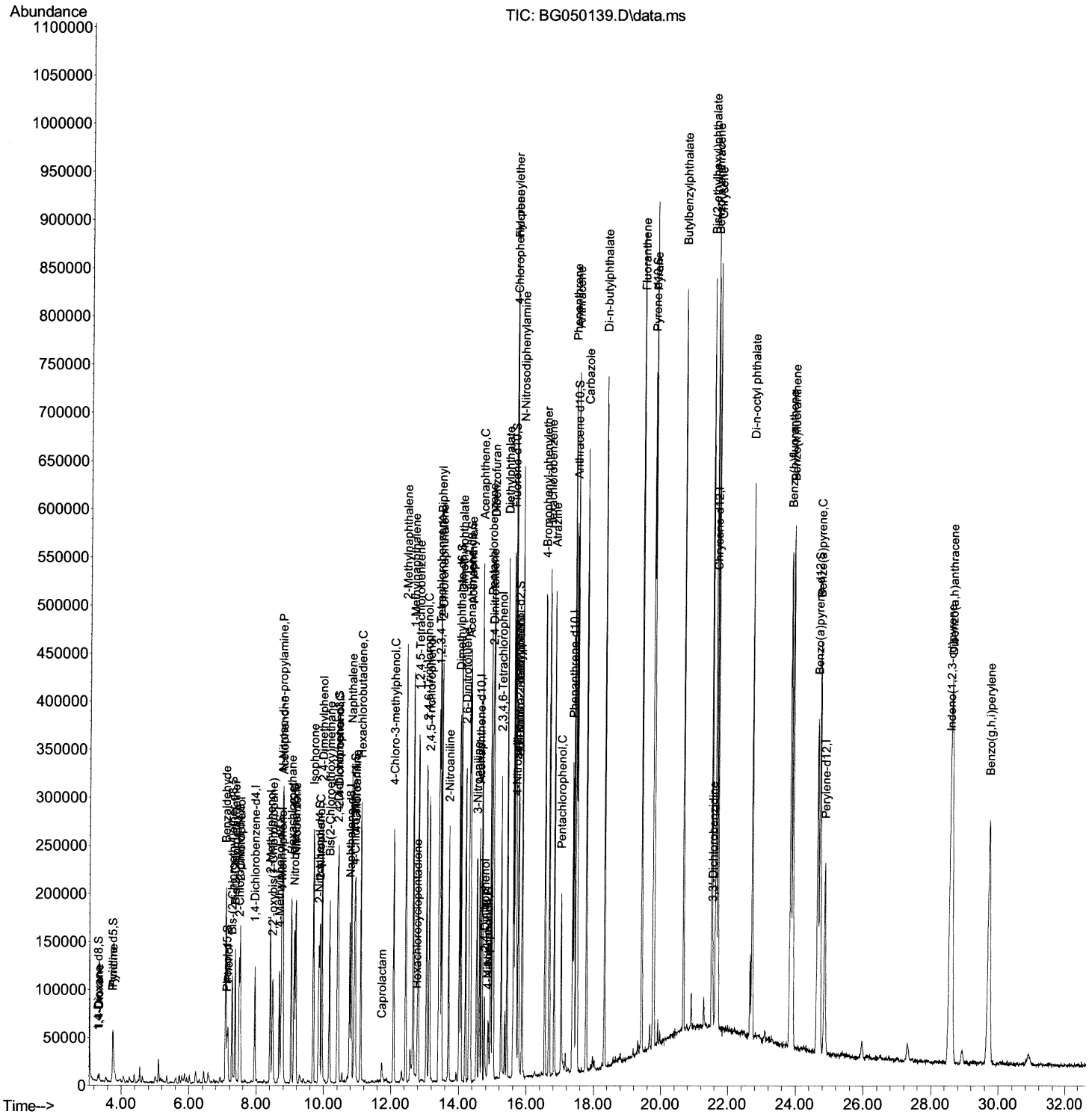
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050139.D
Acq On : 3 Sep 2021 20:19
Operator : CG/JU
Sample : M3549-03MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Sep 03 23:47:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW7A1MSD

Manual Integrations APPROVED
mohammad
9/7/2021 11:34:01 AM



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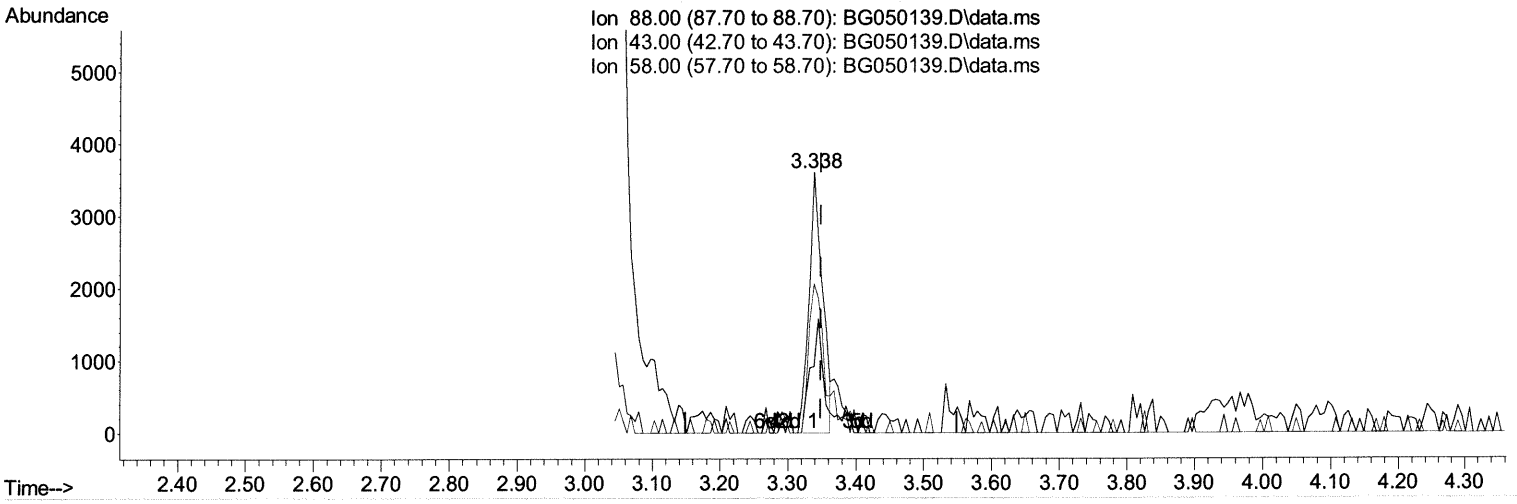

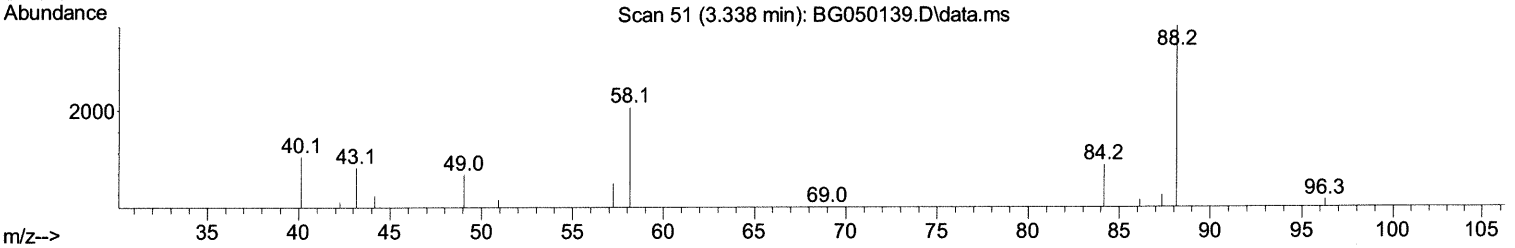

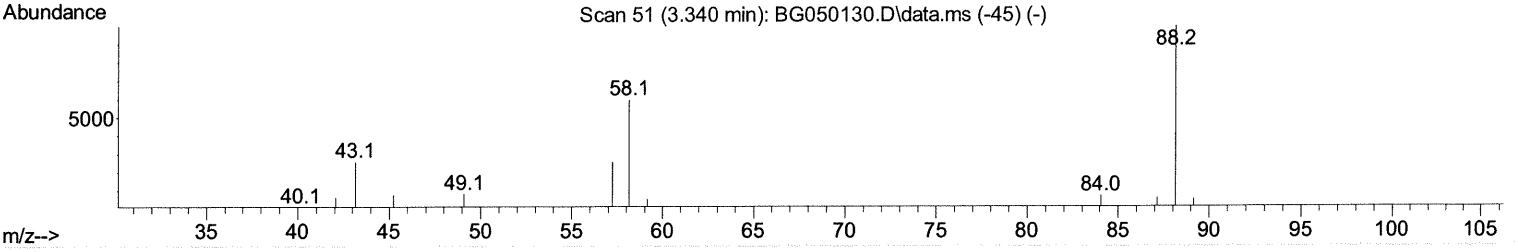

TIC: BG050139.D\data.ms

(2) 1,4-Dioxane

3.338min (-0.011) 5.95 ng/uL

response 4936

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	25.40
58.00	65.00	57.27
0.00	0.00	0.00

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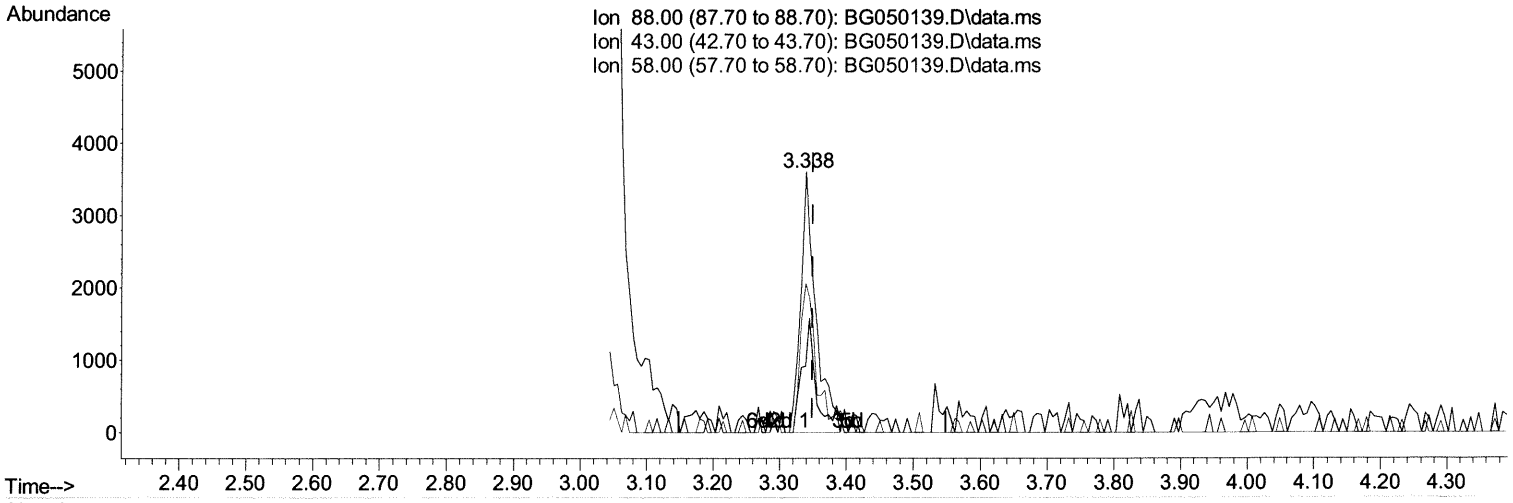

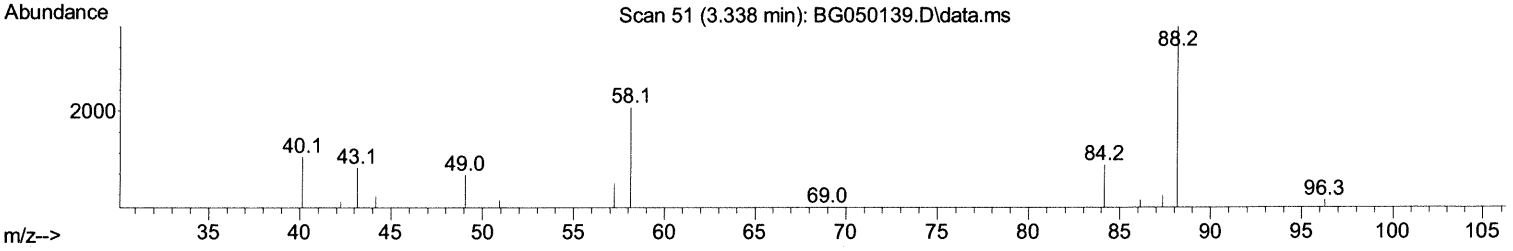

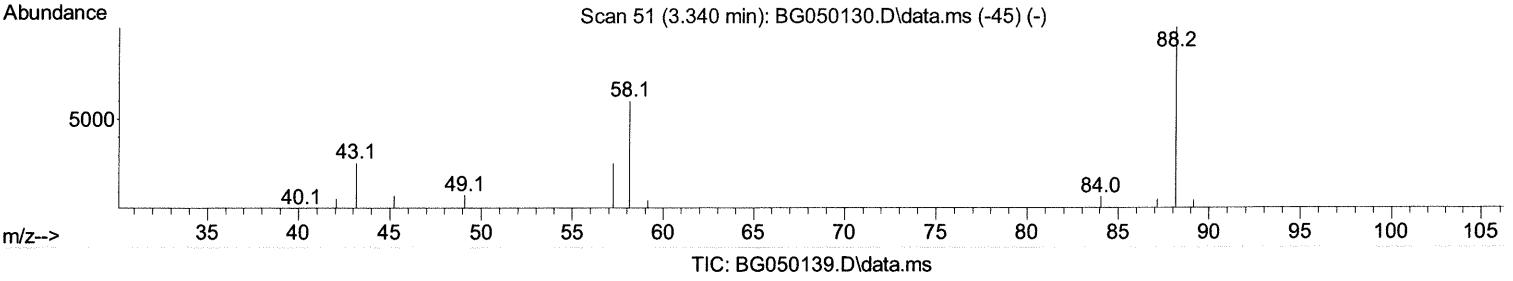

TIC: BG050139.D\data.ms

(2) 1,4-Dioxane

3.338min (-0.011) 6.81 ng/uL m

JP 9/8/21

response 5653

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	25.40
58.00	65.00	57.27
0.00	0.00	0.00

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mohammad
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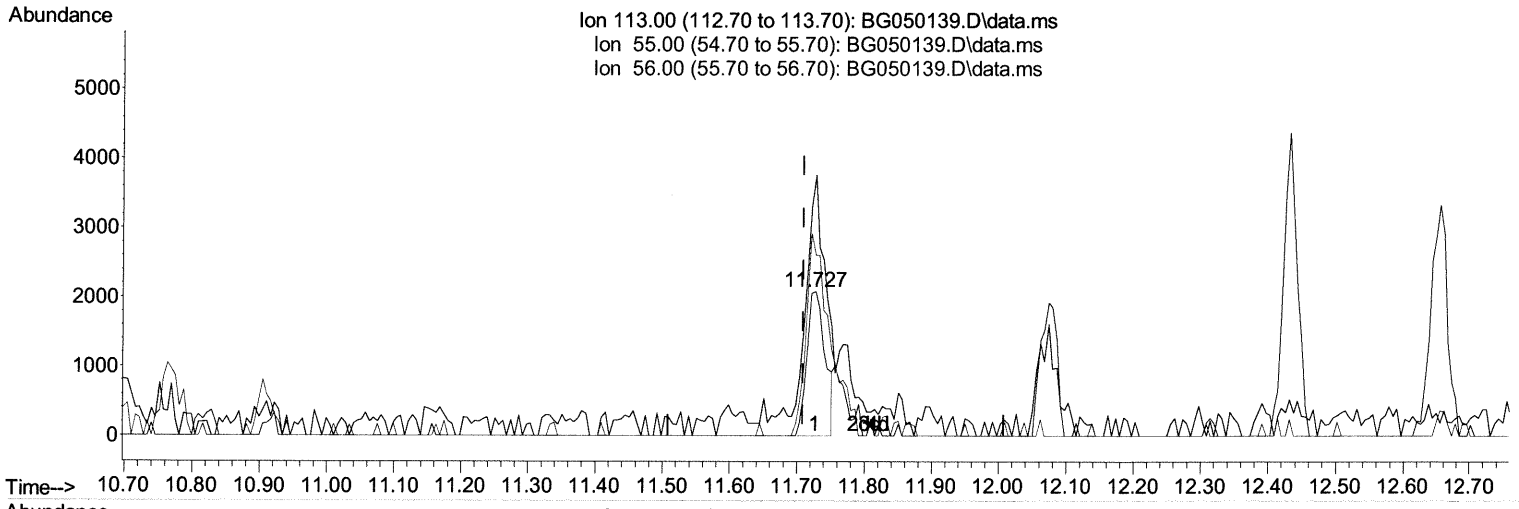

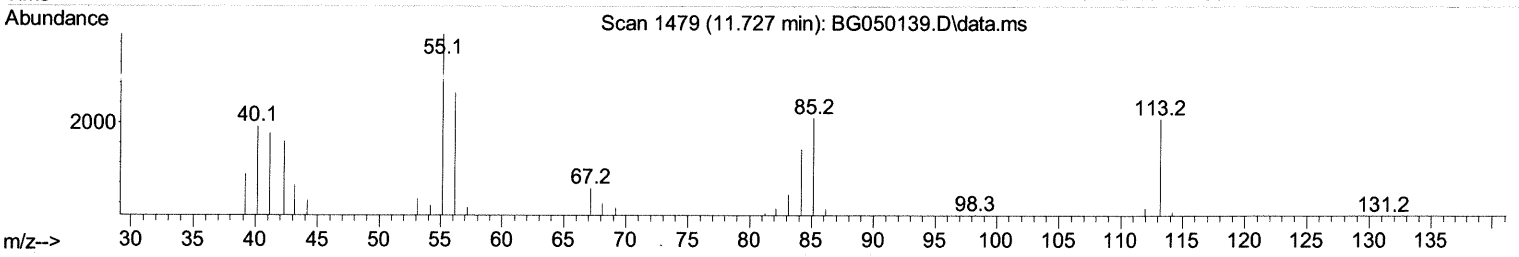

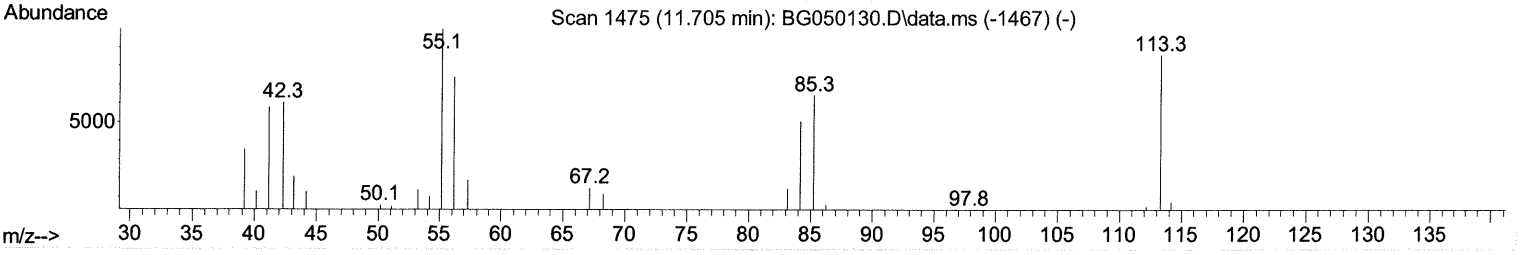

TIC: BG050139.D\data.ms

(34) Caprolactam

11.727min (+ 0.019) 5.47 ng/ul

response 3950

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	180.68#
56.00	134.20	125.04
0.00	0.00	0.00

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Manual Integrations APPROVED
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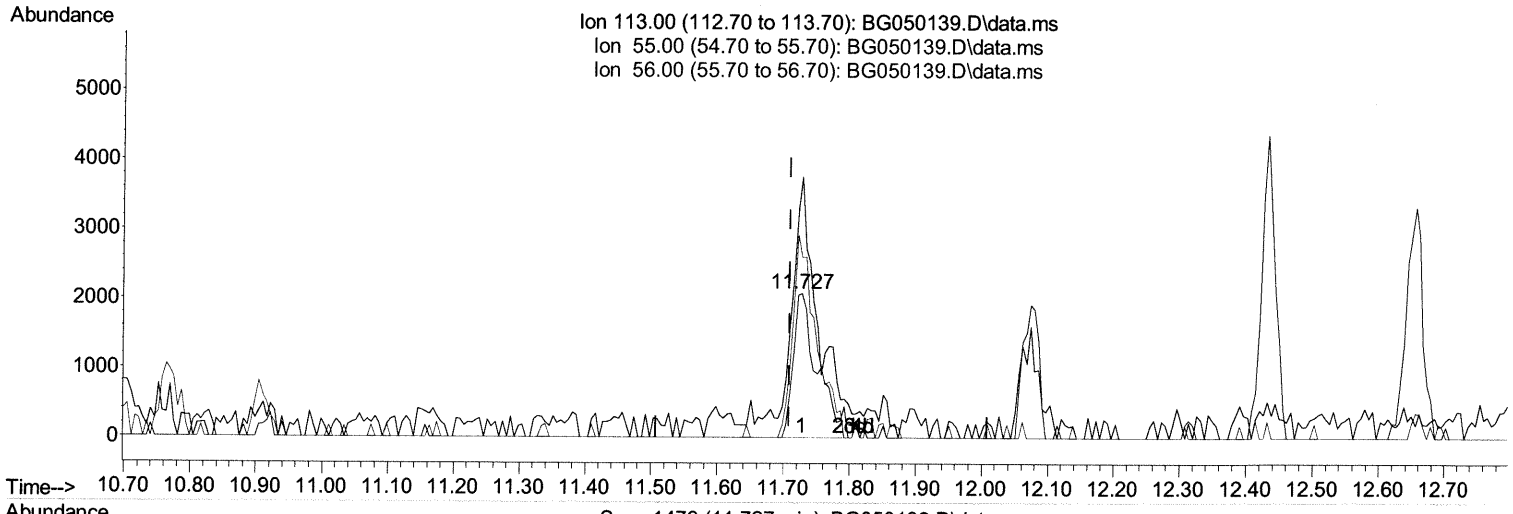
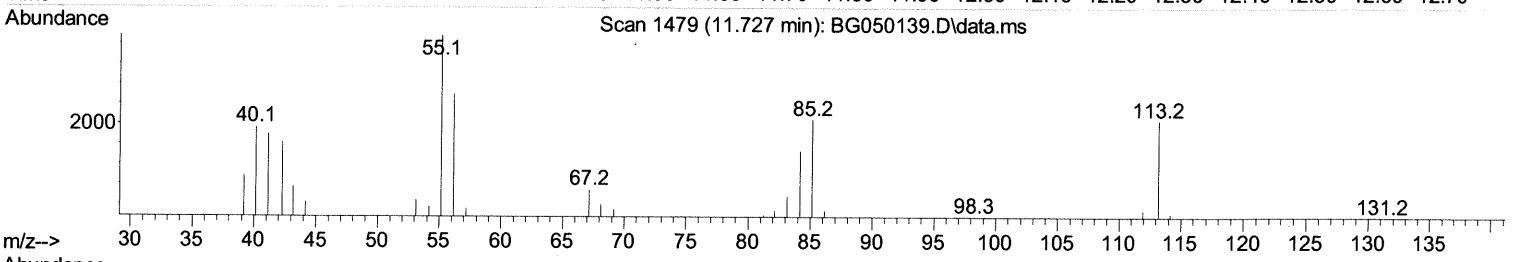
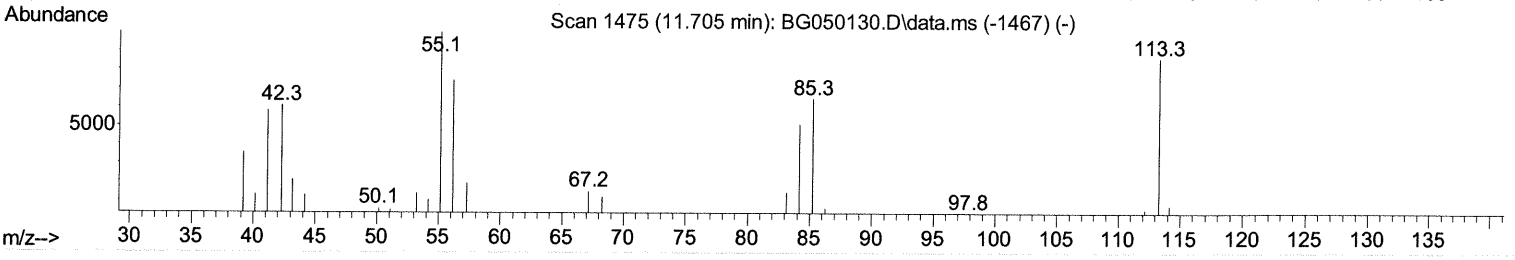
9/7/2021 11:34:01 AM







TIC: BG050139.D\data.ms

(34) Caprolactam

11.727min (+ 0.019) 7.37 ng/ul m JU 9/8/21

response 5322

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	180.68#
56.00	134.20	125.04
0.00	0.00	0.00

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9/7/2021 11:34:01 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	35088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	136363	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.611	164	90821	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.366	188	201972	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.643	240	198270	20.000	ng/ul	0.00
88) Perylene-d12	24.862	264	201018	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	3741	5.498	ng/uL	0.00
4) Pyridine-d5	3.738	84	24377	11.894	ng/ul	0.00
7) Phenol-d5	7.121	99	26031	8.737	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	54995	33.223	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.480	132	59456	26.669	ng/ul	-0.01
15) 4-Methylphenol-d8	8.678	113	42867	18.268	ng/ul	0.00
21) Nitrobenzene-d5	9.124	128	37398	35.375	ng/ul	0.00
24) 2-Nitrophenol-d4	9.847	143	41902	33.286	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	75137	33.464	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	86711	28.373	ng/ul	-0.01
46) Dimethylphthalate-d6	14.018	166	258787	37.232	ng/ul	0.00
49) Acenaphthylene-d8	14.306	160	298770	36.660	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.852	143	9269	9.217	ng/ul	0.00
60) Fluorene-d10	15.610	176	215835	36.625	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	44423	34.188	ng/ul	0.00
73) Anthracene-d10	17.466	188	337411	37.203	ng/ul	-0.01
81) Pyrene-d10	19.757	212	403731	37.681	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.645	264	397365	37.260	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	5653m	6.815	ng/uL	JU 9/8/21
5) Pyridine	3.755	79	30545	13.789	ng/ul	85
6) Benzaldehyde	7.080	77	71435	41.663	ng/ul	99
8) Phenol	7.151	94	30399	10.101	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.362	93	77332	37.223	ng/ul	94
12) 2-Chlorophenol	7.515	128	68837	31.247	ng/ul#	91
13) 2-Methylphenol	8.408	108	58140	25.041	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.472	45	81717	37.510	ng/ul	96
16) Acetophenone	8.784	105	140653	36.755	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.760	70	71509	37.215	ng/ul	97
18) 4-Methylphenol	8.737	108	53999	21.618	ng/ul	86
19) Hexachloroethane	9.030	117	38080	39.497	ng/ul	94
22) Nitrobenzene	9.166	77	113283	39.546	ng/ul	99
23) Isophorone	9.688	82	200992	39.380	ng/ul	97
25) 2-Nitrophenol	9.882	139	47136	38.514	ng/ul	94
26) 2,4-Dimethylphenol	9.947	107	95890	35.254	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.170	93	107093	40.633	ng/ul	96
29) 2,4-Dichlorophenol	10.429	162	83475	40.506	ng/ul	100
30) Naphthalene	10.822	128	270075	39.625	ng/ul	98
32) 4-Chloroaniline	10.934	127	93647	31.818	ng/ul	91
33) Hexachlorobutadiene	11.098	225	64972	38.973	ng/ul	91
34) Caprolactam	11.727	113	5322m	7.372	ng/ul	JU 9/8/21
35) 4-Chloro-3-methylphenol	12.073	107	93343	37.899	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.432	142	200849	39.642	ng/ul	97
37) 1-Methylnaphthalene	12.655	142	196341	38.392	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.802	216	114337	42.862	ng/ul#	92
40) Hexachlorocyclopentadiene	12.772	237	12439	10.419	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.049	196	74298	43.706	ng/ul	97
42) 2,4,5-Trichlorophenol	13.131	196	80216	45.023	ng/ul	97
43) 1,1'-Biphenyl	13.442	154	263664	41.554	ng/ul	97
44) 2-Chloronaphthalene	13.489	162	206969	40.609	ng/ul	96
45) 2-Nitroaniline	13.695	65	75838	43.827	ng/ul	94
47) Dimethylphthalate	14.065	163	288819	41.987	ng/ul	99
48) 2,6-Dinitrotoluene	14.194	165	62638	44.106	ng/ul	93
50) Acenaphthylene	14.335	152	314300	42.196	ng/ul	96
51) 3-Nitroaniline	14.529	138	56454	41.195	ng/ul	97
52) Acenaphthene	14.676	153	231376	42.822	ng/ul	98
53) 2,4-Dinitrophenol	14.752	184	20421	28.153	ng/ul	91
55) 4-Nitrophenol	14.864	109	12229	9.591	ng/ul	96
56) Dibenzofuran	15.011	168	318967	42.628	ng/ul	100
57) 2,4-Dinitrotoluene	14.993	165	93051	45.550	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.251	232	68892	46.662	ng/ul	95
59) Diethylphthalate	15.428	149	302898	43.044	ng/ul	96
61) Fluorene	15.663	166	273107	43.262	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.651	204	141157	42.261	ng/ul	96
63) 4-Nitroaniline	15.692	138	60428	44.186	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	46078	39.123	ng/ul	95
67) N-Nitrosodiphenylamine	15.868	169	240923	45.308	ng/ul	96
68) 4-Bromophenyl-phenylether	16.550	248	102584	45.914	ng/ul	99
69) Hexachlorobenzene	16.679	284	114570	44.407	ng/ul	93
70) Atrazine	16.826	200	105695	44.742	ng/ul	95
71) Pentachlorophenol	17.026	266	40879	37.418	ng/ul	96
72) Phenanthrene	17.413	178	450906	44.782	ng/ul	97
74) Anthracene	17.501	178	446154	43.726	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.413	216	117046	43.194	ng/uL	92
76) Pentachlorobenzene	14.940	250	125280	43.632	ng/uL	94
77) Carbazole	17.777	167	414154	45.615	ng/ul	99
78) Di-n-butylphthalate	18.318	149	507630	43.716	ng/ul	99
80) Fluoranthene	19.428	202	547111	41.380	ng/ul#	96
82) Pyrene	19.787	202	542059	41.374	ng/ul	98
83) Butylbenzylphthalate	20.662	149	219053	42.369	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.537	252	31338	6.668	ng/ul#	91
85) Benzo(a)anthracene	21.619	228	537315	43.492	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.508	149	312565	44.021	ng/ul	100
87) Chrysene	21.690	228	509397	43.619	ng/ul	95
89) Di-n-octyl phthalate	22.712	149	517043	43.358	ng/ul	100
90) Benzo(b)fluoranthene	23.840	252	553000	43.007	ng/ul#	96
91) Benzo(k)fluoranthene	23.904	252	536380	43.885	ng/ul	99
93) Benzo(a)pyrene	24.709	252	485749	43.499	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.557	276	654198	44.411	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.610	278	541761	43.933	ng/ul#	99
96) Benzo(g,h,i)perylene	29.714	276	544328	43.954	ng/ul	98

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