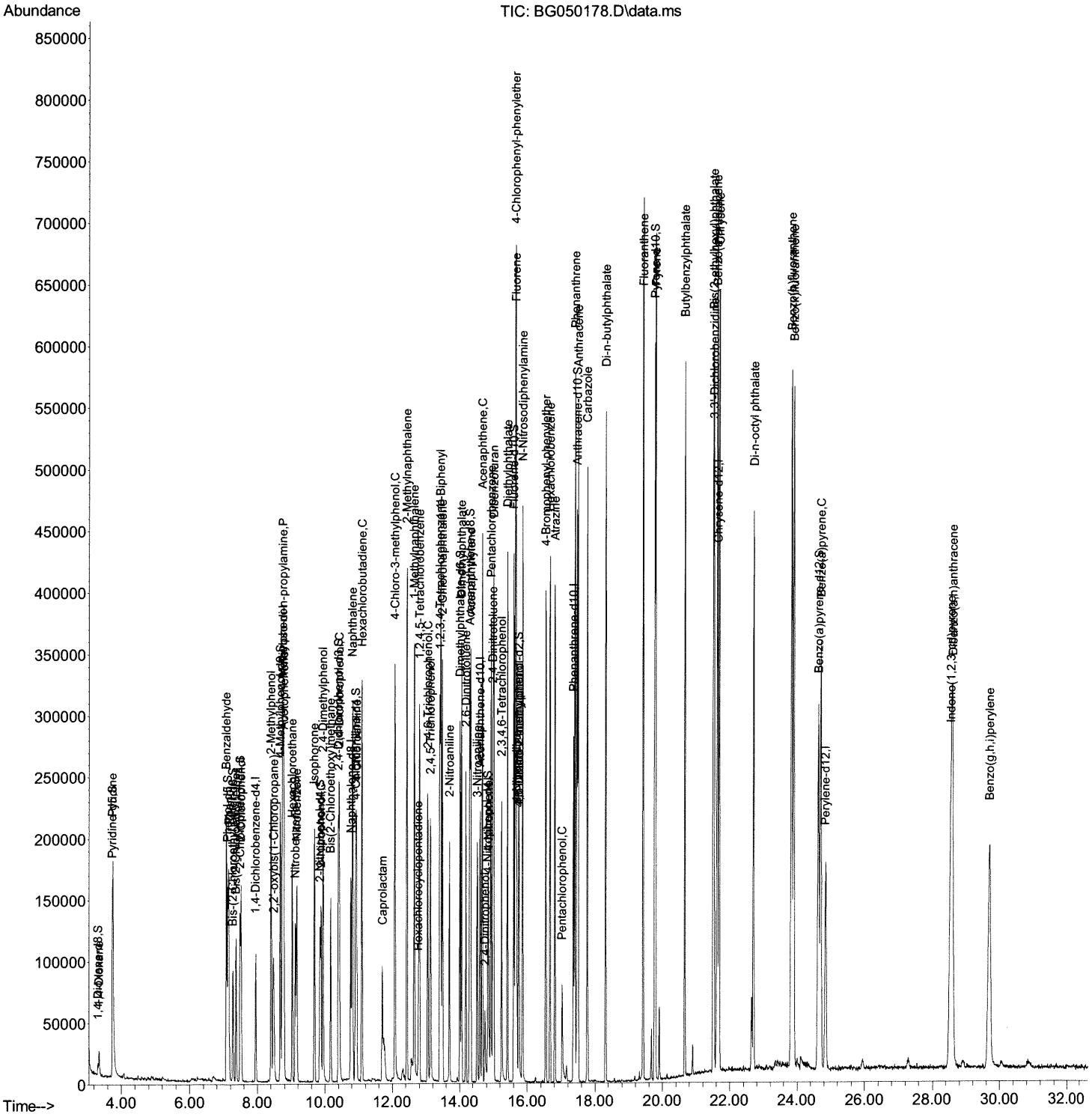
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050178.D
Acq On : 7 Sep 2021 23:25
Operator : CG/JU
Sample : PB138822BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 08 01:50:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS822

Manual Integrations APPROVED
mohammad
9/9/2021 8:39:46 AM



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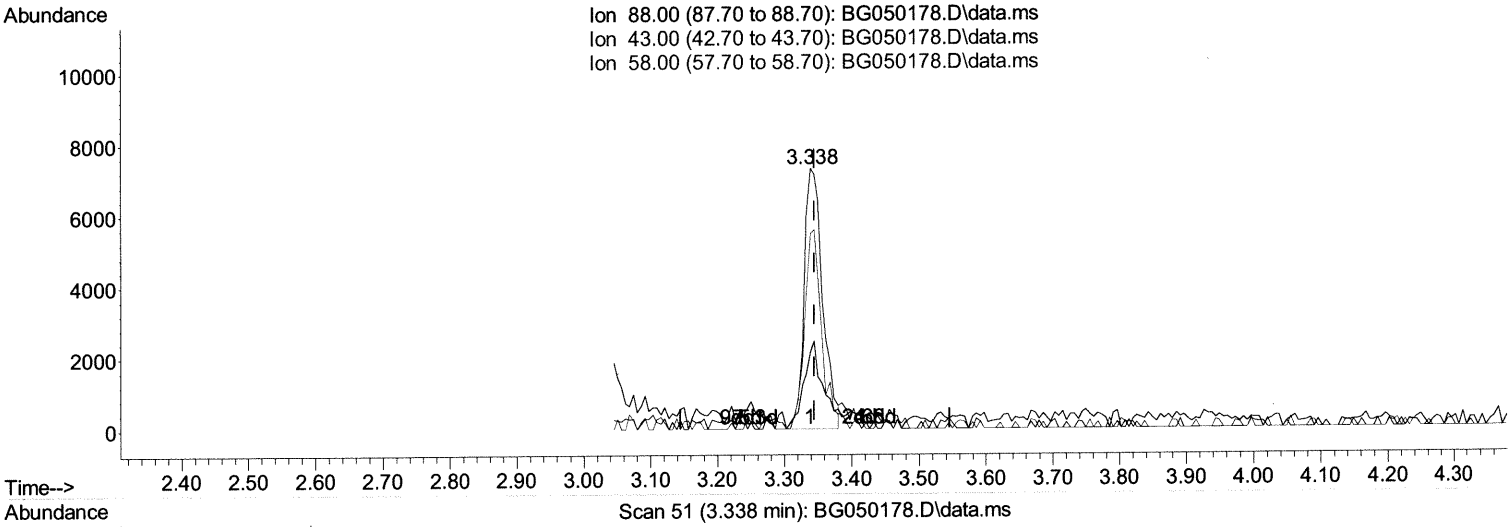

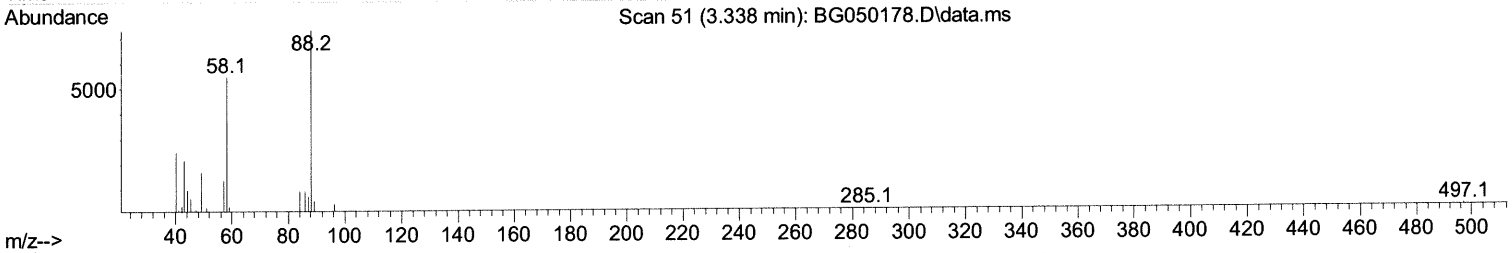

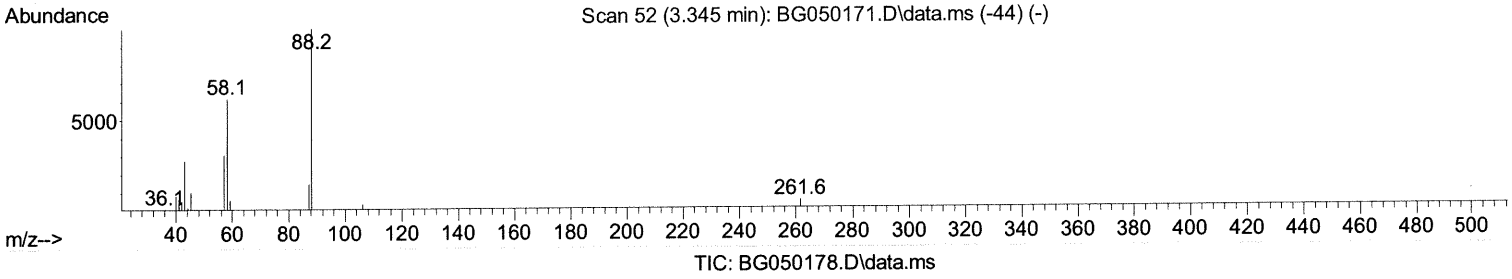

TIC: BG050178.D\data.ms

(2) 1,4-Dioxane

3.338min (-0.007) 20.27 ng/uL

response 14000

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	29.60
58.00	65.00	74.93
0.00	0.00	0.00

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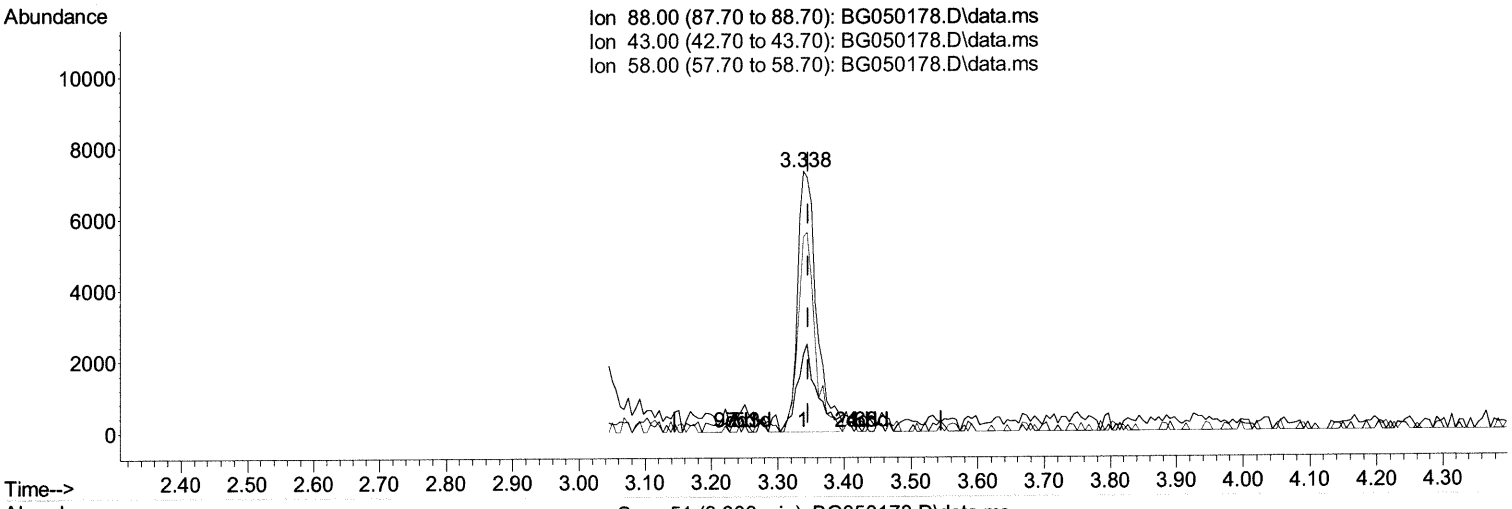

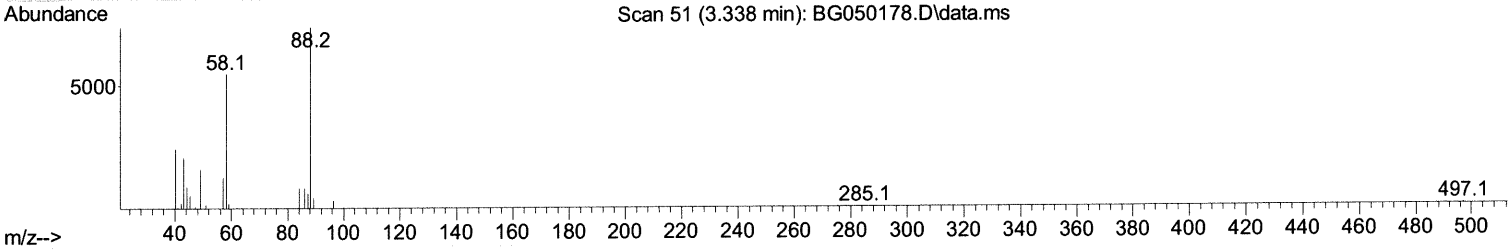

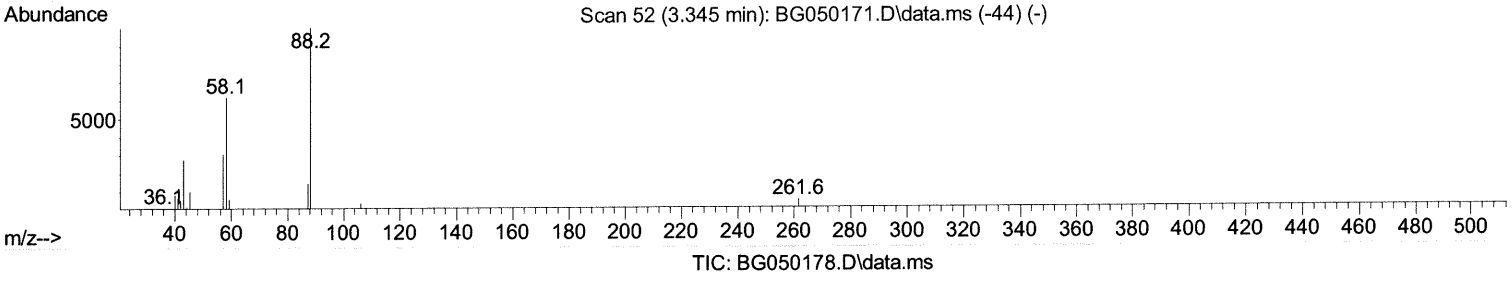

TIC: BG050178.D\data.ms

(2) 1,4-Dioxane

3.338min (-0.007) 21.04 ng/uL m 09/10/21JU

response 14527

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	29.60
58.00	65.00	74.93
0.00	0.00	0.00

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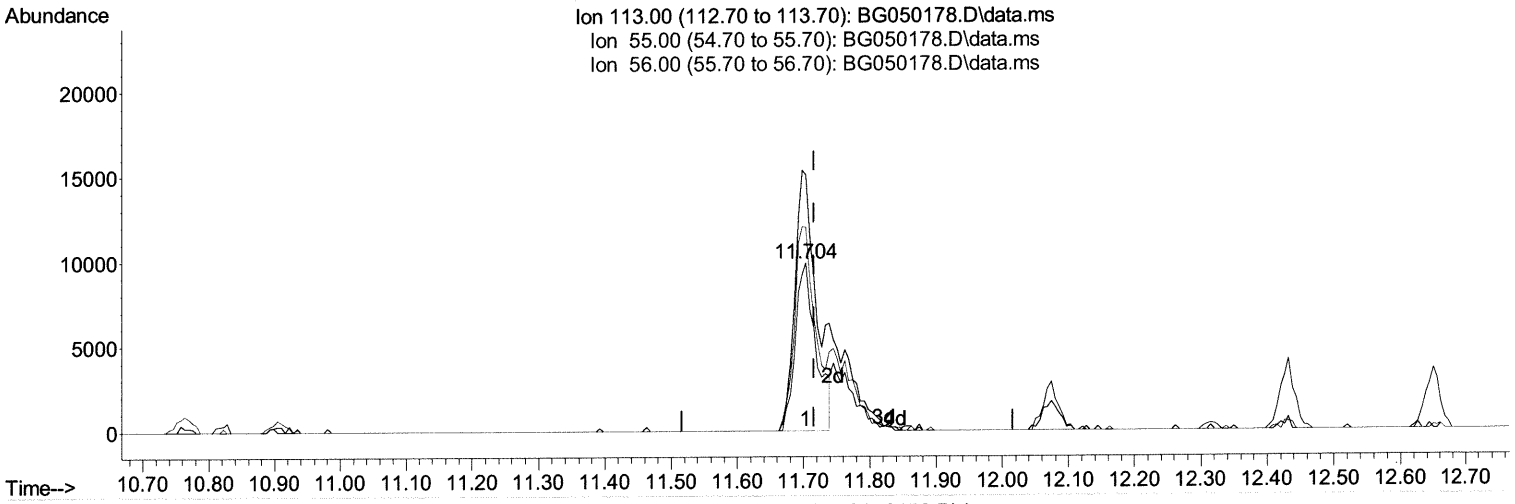

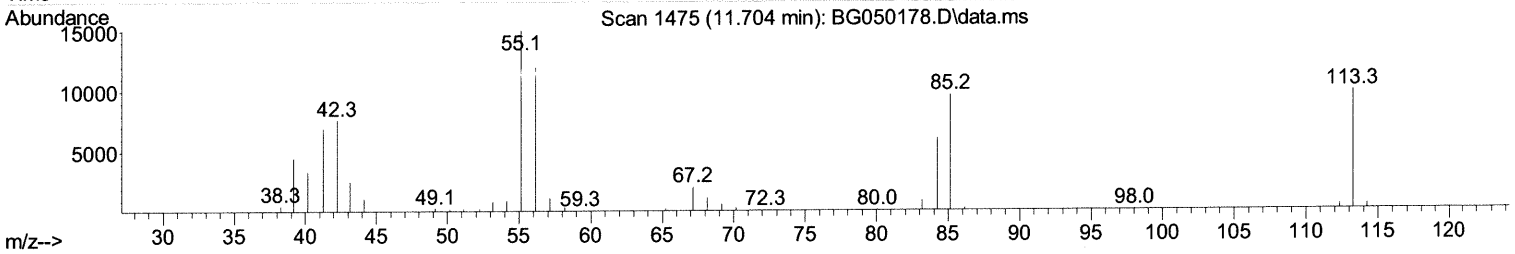

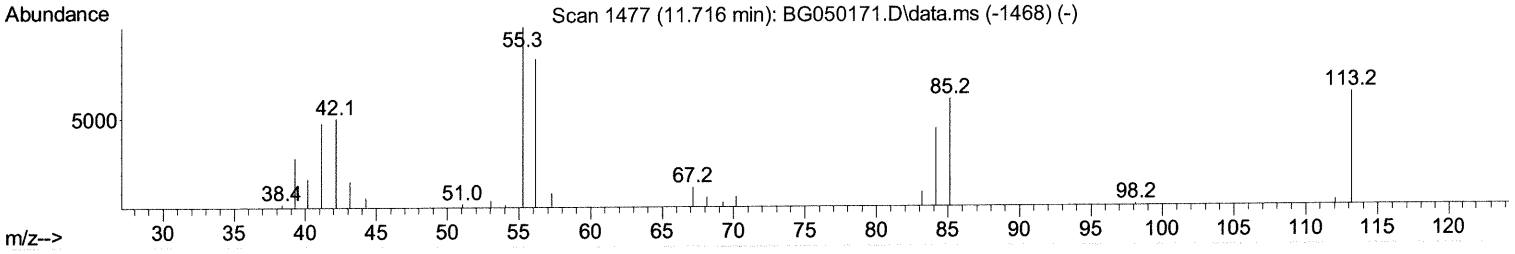

TIC: BG050178.D\data.ms

(34) Caprolactam

11.704min (-0.013) 33.38 ng/ul

response 21605

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	152.27
56.00	134.20	121.46
0.00	0.00	0.00

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Manual Integrations APPROVED
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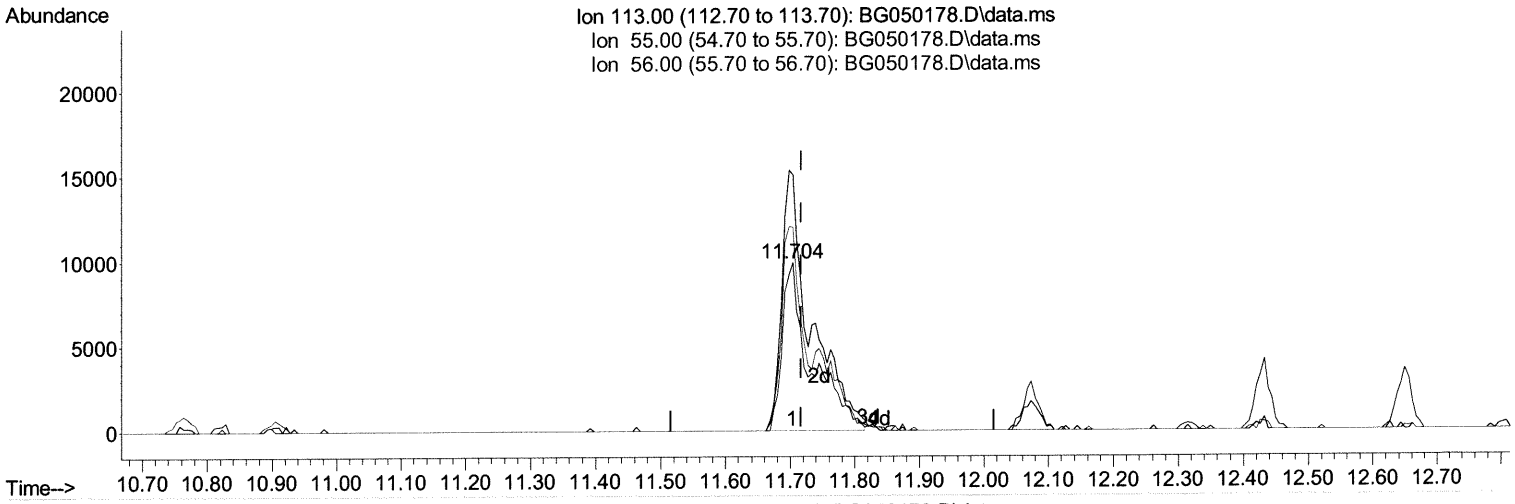

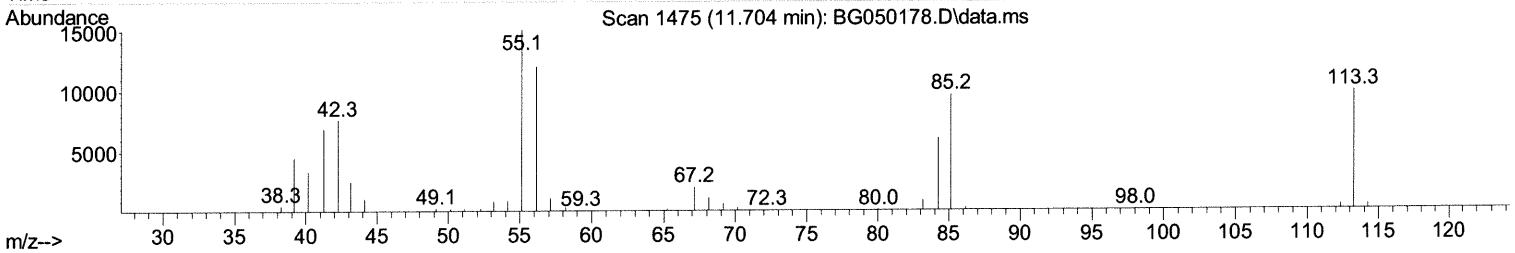

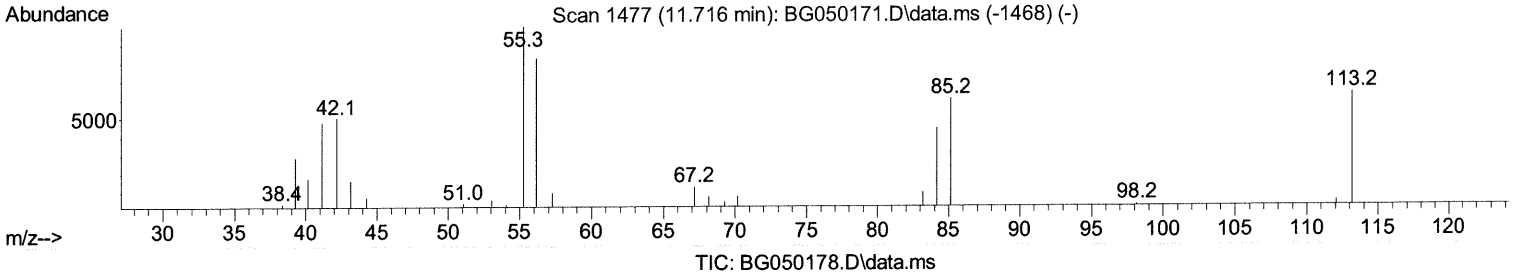

TIC: BG050178.D\data.ms

(34) Caprolactam

11.704min (-0.013) 46.58 ng/ul m 09/10/21 JY

response 30142

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	152.27
56.00	134.20	121.46
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	7.944	152	29979	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.769	136	145997	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.611	164	80420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.366	188	176144	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.637	240	178545	20.000	ng/ul	0.00
88) Perylene-d12	24.845	264	182191	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	5636	9.294	ng/uL	0.00
4) Pyridine-d5	3.732	84	77474	35.992	ng/ul	0.00
7) Phenol-d5	7.121	99	89537	38.467	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	45000	33.103	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.480	132	61545	31.859	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	83865	45.824	ng/ul	0.00
21) Nitrobenzene-d5	9.119	128	30915	30.850	ng/ul	0.00
24) 2-Nitrophenol-d4	9.847	143	36719	30.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	79820	34.321	ng/ul	0.00
31) 4-Chloroaniline-d4	10.905	131	96534	33.691	ng/ul	-0.01
46) Dimethylphthalate-d6	14.012	166	200388	33.000	ng/ul	0.00
49) Acenaphthylene-d8	14.306	160	245188	33.910	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	25767	35.167	ng/ul	-0.01
60) Fluorene-d10	15.604	176	173160	34.344	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	35259	33.184	ng/ul	0.00
73) Anthracene-d10	17.466	188	276799	35.005	ng/ul	0.00
81) Pyrene-d10	19.757	212	332917	37.434	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.633	264	326768	33.881	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	14527m	> 21.037	ng/uL	> 09/10/21 JU
5) Pyridine	3.750	79	94355	41.704	ng/ul#	89
6) Benzaldehyde	7.080	77	79639	61.721	ng/ul	95
8) Phenol	7.151	94	96361	42.039	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.362	93	66712	39.255	ng/ul	96
12) 2-Chlorophenol	7.515	128	71093	37.767	ng/ul#	88
13) 2-Methylphenol	8.402	108	79535	43.111	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.478	45	82927	48.350	ng/ul	97
16) Acetophenone	8.778	105	127788	47.458	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.755	70	74127	51.625	ng/ul	93
18) 4-Methylphenol	8.737	108	102602	58.553	ng/ul	83
19) Hexachloroethane	9.031	117	34833	44.362	ng/ul	96
22) Nitrobenzene	9.166	77	92772	35.548	ng/ul	98
23) Isophorone	9.683	82	163493	32.806	ng/ul	96
25) 2-Nitrophenol	9.882	139	42161	35.073	ng/ul#	85
26) 2,4-Dimethylphenol	9.941	107	85868	30.017	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.170	93	92587	30.627	ng/ul	99
29) 2,4-Dichlorophenol	10.423	162	84445	39.698	ng/ul	95
30) Naphthalene	10.816	128	258269	38.517	ng/ul	98
32) 4-Chloroaniline	10.934	127	101503	37.607	ng/ul	90
33) Hexachlorobutadiene	11.098	225	76349	45.281	ng/ul	95
34) Caprolactam	11.704	113	30142m	> 46.576	ng/ul	> 09/10/21 JU
35) 4-Chloro-3-methylphenol	12.074	107	131990	55.054	ng/ul	96

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9/9/2021 8:39:46 AM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.432	142	194883	39.303 ng/ul	99
37) 1-Methylnaphthalene	12.649	142	163241	34.286 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.802	216	97794	35.954 ng/ul#	97
40) Hexachlorocyclopentadiene	12.773	237	17057	23.127 ng/ul#	98
41) 2,4,6-Trichlorophenol	13.049	196	57681	37.560 ng/ul	91
42) 2,4,5-Trichlorophenol	13.131	196	59014	36.746 ng/ul	99
43) 1,1'-Biphenyl	13.436	154	215529	37.124 ng/ul	99
44) 2-Chloronaphthalene	13.483	162	171121	37.480 ng/ul	98
45) 2-Nitroaniline	13.695	65	56329	38.971 ng/ul	96
47) Dimethylphthalate	14.059	163	223161	38.503 ng/ul	99
48) 2,6-Dinitrotoluene	14.188	165	47146	38.204 ng/ul	92
50) Acenaphthylene	14.335	152	257024	38.035 ng/ul	98
51) 3-Nitroaniline	14.523	138	46680	41.549 ng/ul	93
52) Acenaphthene	14.676	153	188175	39.081 ng/ul	97
53) 2,4-Dinitrophenol	14.752	184	16147	31.949 ng/ul#	82
55) 4-Nitrophenol	14.858	109	30962	37.972 ng/ul	89
56) Dibenzofuran	15.011	168	252813	38.163 ng/ul	98
57) 2,4-Dinitrotoluene	14.987	165	72711	41.232 ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.246	232	49213	40.458 ng/ul	93
59) Diethylphthalate	15.422	149	234242	39.986 ng/ul	96
61) Fluorene	15.663	166	213609	38.460 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.651	204	114375	38.676 ng/ul	97
63) 4-Nitroaniline	15.692	138	48735	46.576 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.763	198	36885	39.087 ng/ul#	96
67) N-Nitrosodiphenylamine	15.868	169	184942	38.830 ng/ul	98
68) 4-Bromophenyl-phenylether	16.544	248	82584	39.564 ng/ul	93
69) Hexachlorobenzene	16.673	284	91000	38.452 ng/ul	96
70) Atrazine	16.814	200	83919	42.021 ng/ul	99
71) Pentachlorophenol	17.026	266	19592	30.222 ng/ul#	86
72) Phenanthrene	17.408	178	353618	39.362 ng/ul	98
74) Anthracene	17.502	178	355958	39.076 ng/ul#	94
75) 1,2,3,4-Tetrachloroben...	13.413	216	98968	36.255 ng/uL	89
76) Pentachlorobenzene	14.934	250	102482	36.360 ng/uL	96
77) Carbazole	17.772	167	318713	39.685 ng/ul	99
78) Di-n-butylphthalate	18.318	149	403812	41.578 ng/ul	98
80) Fluoranthene	19.422	202	455932	41.248 ng/ul#	95
82) Pyrene	19.787	202	453031	41.787 ng/ul	99
83) Butylbenzylphthalate	20.656	149	177894	42.904 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.526	252	167137	43.399 ng/ul	97
85) Benzo(a)anthracene	21.619	228	440477	40.297 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.502	149	251066	40.545 ng/ul	98
87) Chrysene	21.684	228	417591	40.983 ng/ul	96
89) Di-n-octyl phthalate	22.706	149	423457	40.160 ng/ul	100
90) Benzo(b)fluoranthene	23.828	252	600747	52.689 ng/ul#	99
91) Benzo(k)fluoranthene	23.893	252	540512	49.662 ng/ul	99
93) Benzo(a)pyrene	24.698	252	398957	40.024 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.534	276	264210	20.228 ng/ul#	95
95) Dibenzo(a,h)anthracene	28.587	278	422068	38.954 ng/ul	99
96) Benzo(g,h,i)perylene	29.691	276	415656	39.720 ng/ul	99

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