Quantitation Report (QT Reviewed)

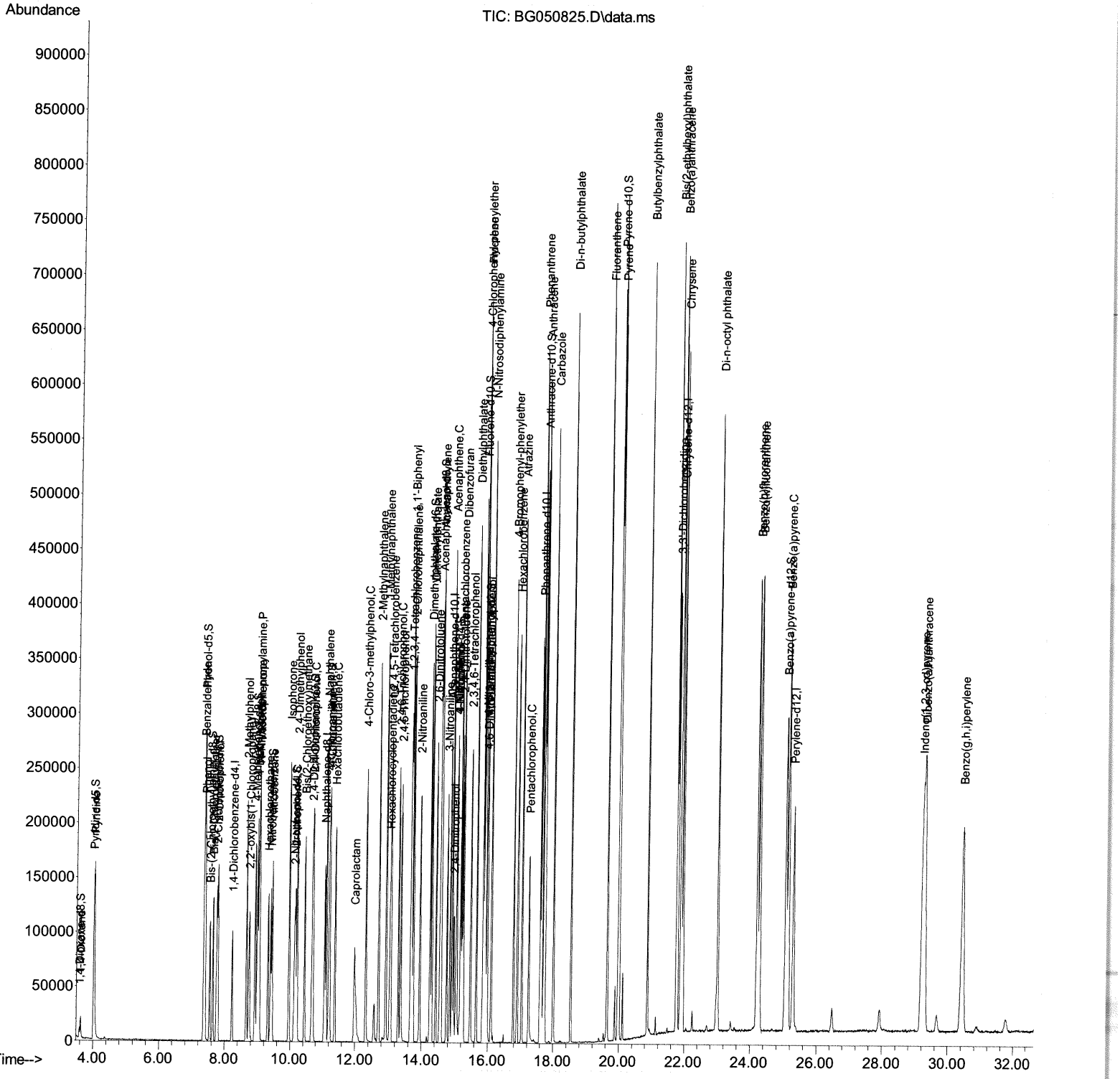
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050825.D
Acq On : 2 Nov 2021 21:07
Operator : CG/JU
Sample : PB140307BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 02 22:07:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS307

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/03/2021
Supervised By :mohammad ahmed 11/08/2021



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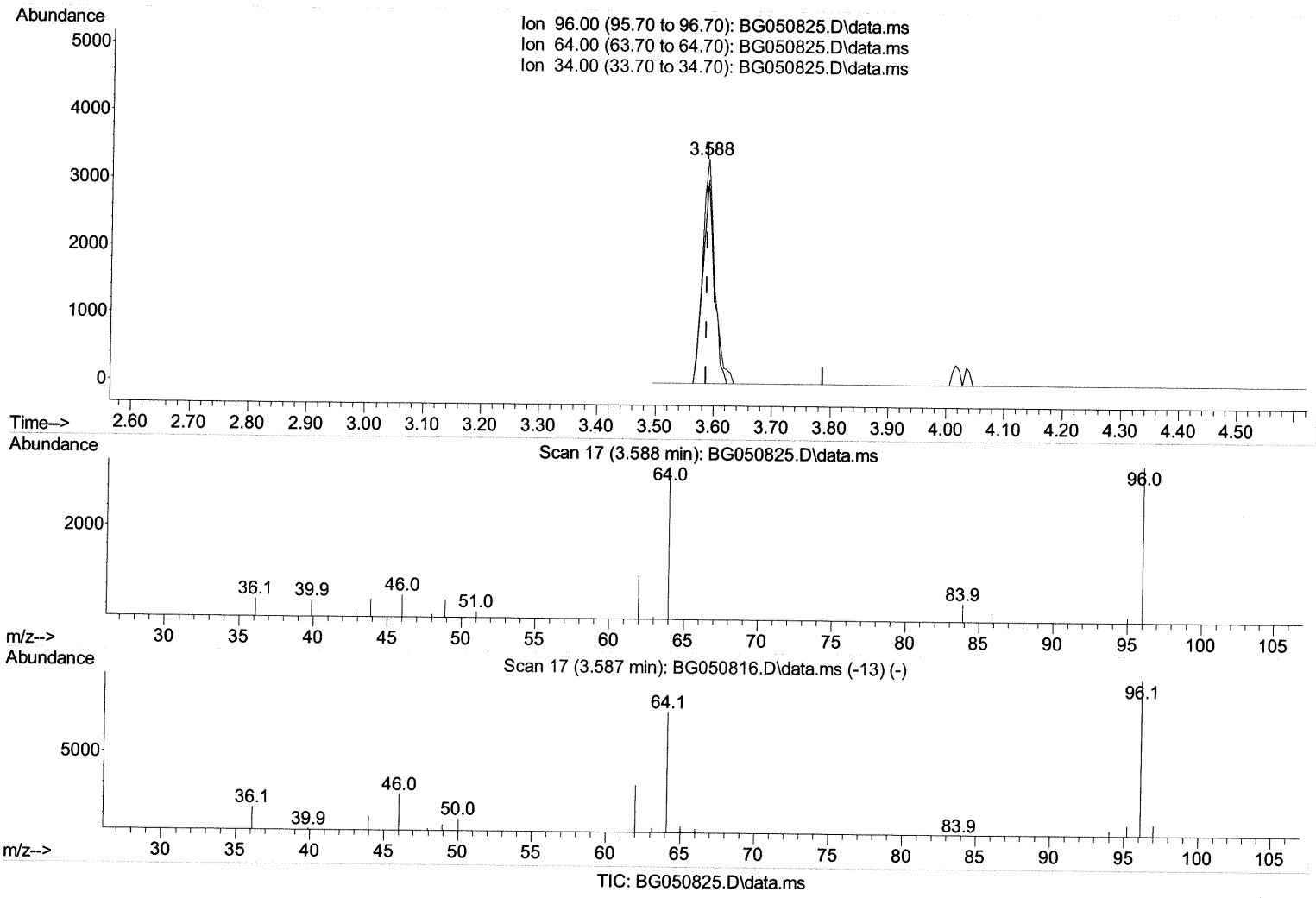

TIC: BG050825.D\data.ms

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

3.588min (+ 0.001) 5.77 ng/uL

response 4874

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	90.19
34.00	0.00	0.00
0.00	0.00	0.00

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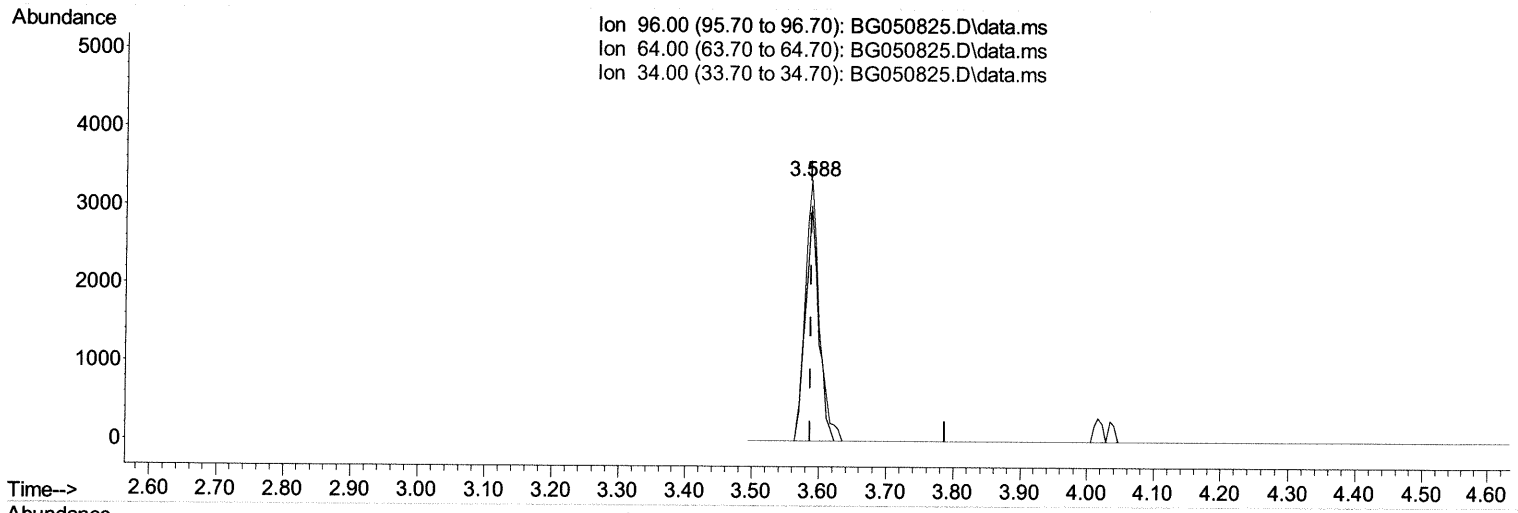

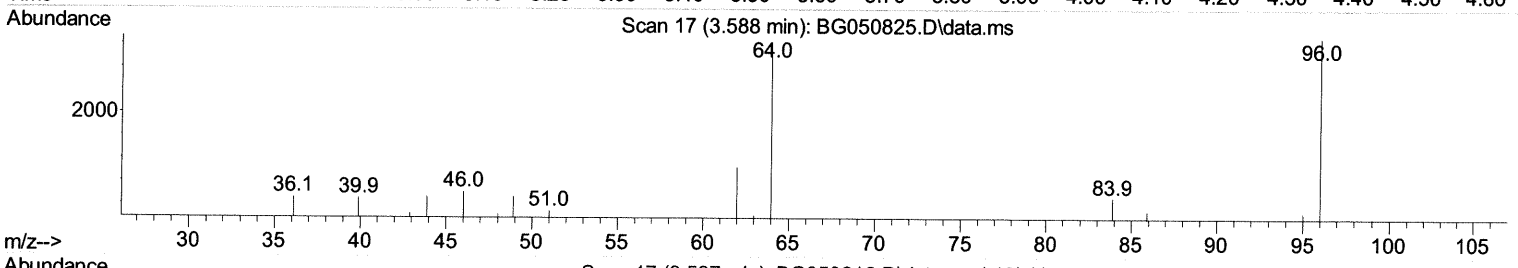

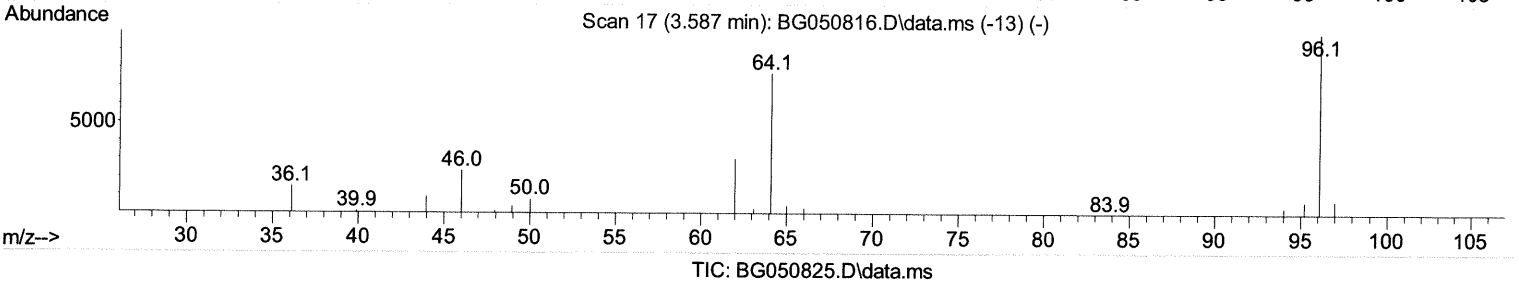

TIC: BG050825.D\data.ms

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

3.588min (+ 0.001) 5.83 ng/uL m 11/04/21 JU

response 4928

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	90.19
34.00	0.00	0.00
0.00	0.00	0.00

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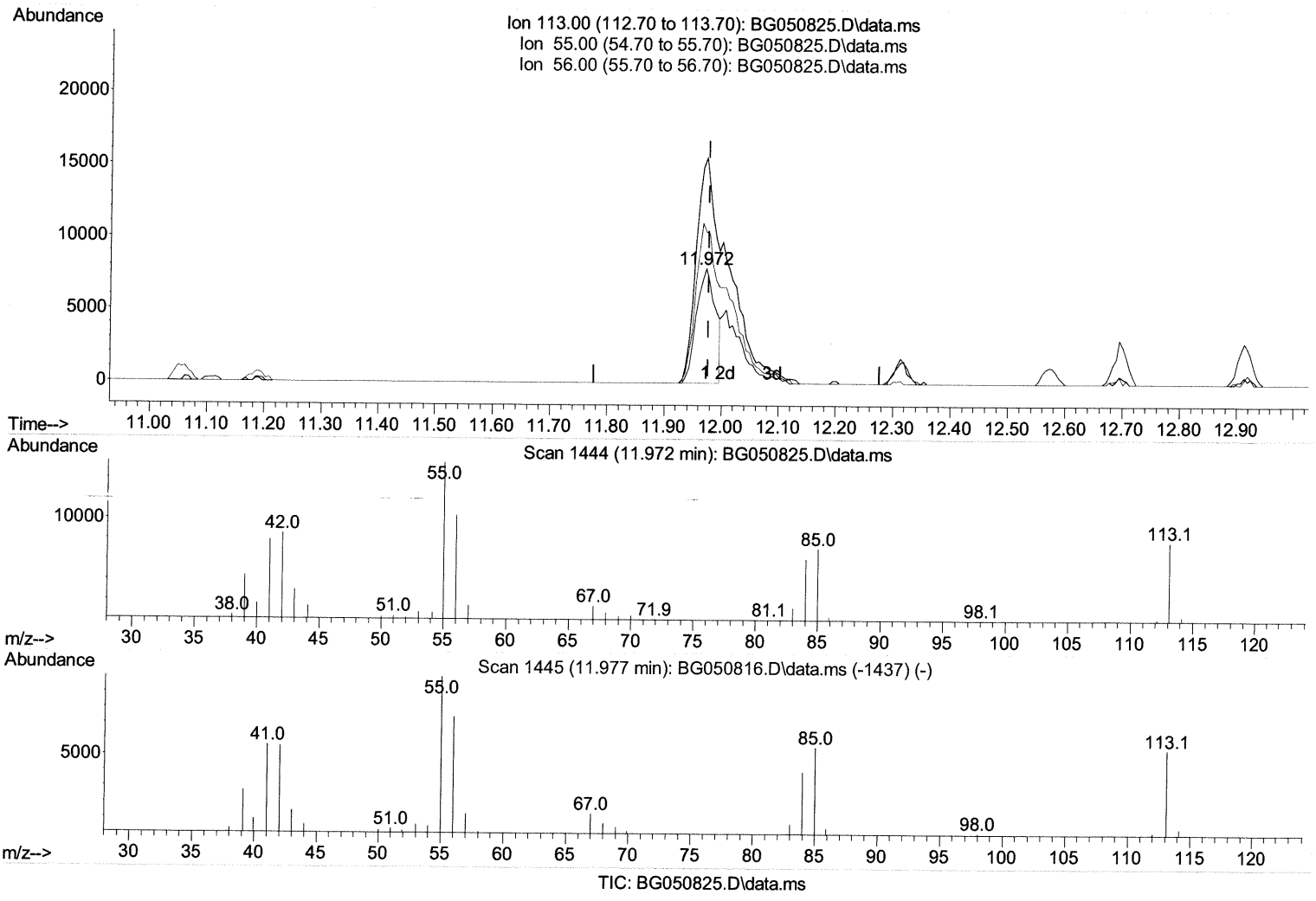

TIC: BG050825.D\data.ms

(34) Caprolactam

11.972min (-0.005) 20.53 ng/ul

response 18253

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	196.97
56.00	136.50	131.50
0.00	0.00	0.00

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ALS Vial : 10 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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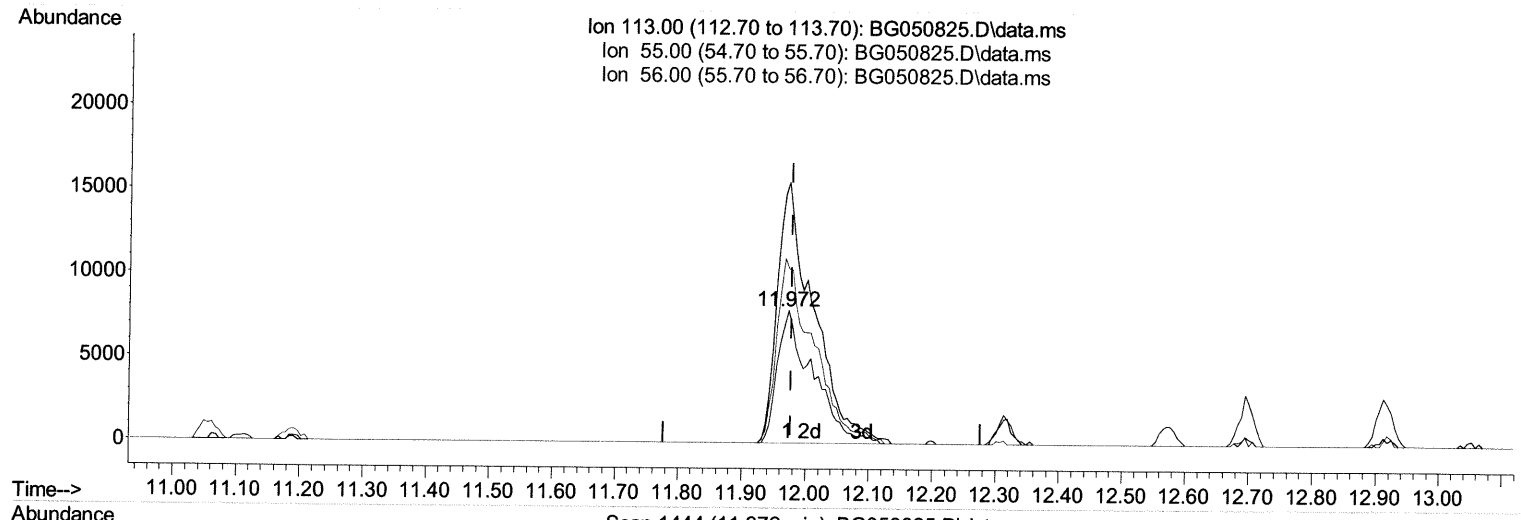

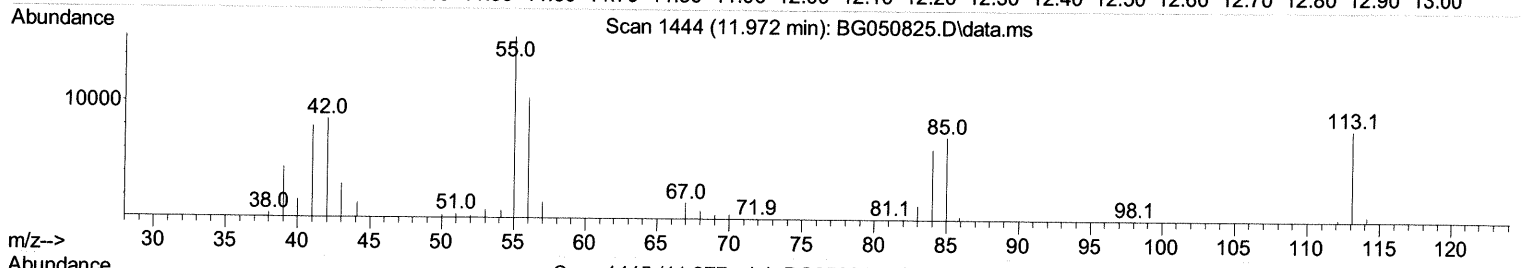

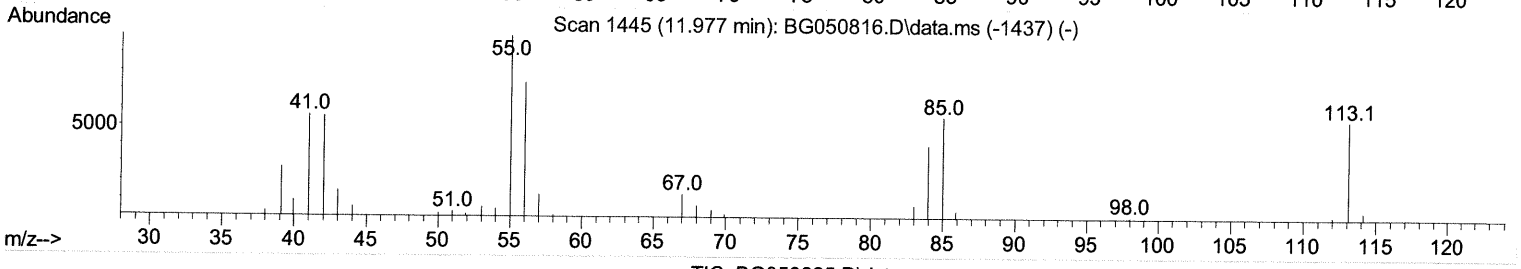

TIC: BG050825.D\data.ms

(34) Caprolactam

11.972min (-0.005) 34.36 ng/ul m 11/04/21 JU

response 30551

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	196.97
56.00	136.50	131.50
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	27285	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	134897	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.857	164	98841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.601	188	227281	20.000	ng/ul	0.00
79) Chrysene-d12	21.896	240	199060	20.000	ng/ul	-0.01
88) Perylene-d12	25.298	264	199859	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	4928m	5.829	ng/uL	0.00
4) Pyridine-d5	4.011	84	72385	28.622	ng/ul	0.00
7) Phenol-d5	7.372	99	90326	31.031	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	56407	29.999	ng/ul	0.00
11) 2-Chlorophenol-d4	7.759	132	62209	30.838	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	71199	31.070	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	33466	29.193	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	38110	29.898	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	64884	30.218	ng/ul	0.00
31) 4-Chloroaniline-d4	11.191	131	90642	27.876	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	226826	29.996	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	274516	29.138	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	40695	29.680	ng/ul	0.00
60) Fluorene-d10	15.844	176	194195	28.989	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	39876	28.939	ng/ul	0.00
73) Anthracene-d10	17.701	188	311318	28.972	ng/ul	0.00
81) Pyrene-d10	19.974	212	367495	28.583	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.068	264	306809	27.769	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	11037	11.887	ng/uL	96
5) Pyridine	4.034	79	80254	30.656	ng/ul	97
6) Benzaldehyde	7.360	77	66395	36.164	ng/ul	96
8) Phenol	7.401	94	100543	33.391	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.642	93	75419	33.462	ng/ul	95
12) 2-Chlorophenol	7.789	128	68950	33.664	ng/ul	98
13) 2-Methylphenol	8.664	108	74103	33.295	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.752	45	118945	33.505	ng/ul	99
16) Acetophenone	9.058	105	119135	33.466	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.034	70	73137	34.052	ng/ul	97
18) 4-Methylphenol	8.993	108	79888	33.712	ng/ul	99
19) Hexachloroethane	9.322	117	28251	32.990	ng/ul	97
22) Nitrobenzene	9.446	77	101352	31.700	ng/ul	99
23) Isophorone	9.969	82	204033	32.882	ng/ul	100
25) 2-Nitrophenol	10.162	139	41822	32.704	ng/ul	96
26) 2,4-Dimethylphenol	10.204	107	91097	32.368	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.444	93	108149	32.348	ng/ul	97
29) 2,4-Dichlorophenol	10.697	162	69681	33.270	ng/ul	95
30) Naphthalene	11.108	128	234470	31.786	ng/ul	97
32) 4-Chloroaniline	11.214	127	99193	30.722	ng/ul	99
33) Hexachlorobutadiene	11.379	225	42637	31.017	ng/ul	98
34) Caprolactam	11.972	113	30551m	34.359	ng/ul	
35) 4-Chloro-3-methylphenol	12.313	107	89437	33.428	ng/ul	98

11/04/21 JU

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.695	142	161203	32.078	ng/ul	99
37) 1-Methylnaphthalene	12.912	142	162875	31.986	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.059	216	87135	30.255	ng/ul	95
40) Hexachlorocyclopentadiene	13.030	237	38881	28.114	ng/ul	96
41) 2,4,6-Trichlorophenol	13.294	196	61341	32.550	ng/ul	100
42) 2,4,5-Trichlorophenol	13.370	196	63587	31.428	ng/ul	99
43) 1,1'-Biphenyl	13.688	154	222554	30.805	ng/ul	98
44) 2-Chloronaphthalene	13.741	162	173322	30.614	ng/ul	97
45) 2-Nitroaniline	13.940	65	73353	32.611	ng/ul	97
47) Dimethylphthalate	14.293	163	241457	31.934	ng/ul	100
48) 2,6-Dinitrotoluene	14.428	165	52185	32.976	ng/ul	95
50) Acenaphthylene	14.581	152	296123	31.361	ng/ul	98
51) 3-Nitroaniline	14.757	138	52896	32.318	ng/ul	93
52) Acenaphthene	14.922	153	193220	31.120	ng/ul	96
53) 2,4-Dinitrophenol	14.969	184	25990	29.770	ng/ul	93
55) 4-Nitrophenol	15.057	109	41809	33.249	ng/ul	94
56) Dibenzofuran	15.251	168	276901	31.158	ng/ul	98
57) 2,4-Dinitrotoluene	15.209	165	75560	33.456	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.474	232	51244	32.229	ng/ul	98
59) Diethylphthalate	15.650	149	261716	32.337	ng/ul	99
61) Fluorene	15.897	166	217162	30.873	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.885	204	115634	31.569	ng/ul	96
63) 4-Nitroaniline	15.920	138	55196	33.993	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.973	198	41871	31.159	ng/ul	96
67) N-Nitrosodiphenylamine	16.097	169	198407	31.230	ng/ul	97
68) 4-Bromophenyl-phenylether	16.778	248	70699	31.271	ng/ul	98
69) Hexachlorobenzene	16.902	284	73588	31.661	ng/ul	98
70) Atrazine	17.037	200	84402	31.329	ng/ul	100
71) Pentachlorophenol	17.248	266	33434	31.332	ng/ul	98
72) Phenanthrene	17.642	178	385945	31.812	ng/ul	99
74) Anthracene	17.736	178	379646	31.188	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.658	216	91019	29.412	ng/uL	99
76) Pentachlorobenzene	15.168	250	84539	29.483	ng/uL	99
77) Carbazole	18.000	167	359495	32.949	ng/ul	98
78) Di-n-butylphthalate	18.535	149	463671	32.342	ng/ul	100
80) Fluoranthene	19.640	202	474037	30.722	ng/ul	99
82) Pyrene	20.004	202	461830	30.632	ng/ul	99
83) Butylbenzylphthalate	20.867	149	204266	31.507	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.784	252	144675	29.843	ng/ul	99
85) Benzo(a)anthracene	21.878	228	424750	30.822	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.749	149	289881	31.149	ng/ul	99
87) Chrysene	21.943	228	402428	30.569	ng/ul	99
89) Di-n-octyl phthalate	23.018	149	492075	30.243	ng/ul	100
90) Benzo(b)fluoranthene	24.211	252	429445	30.162	ng/ul	99
91) Benzo(k)fluoranthene	24.281	252	390240	29.209	ng/ul	99
93) Benzo(a)pyrene	25.133	252	405702	29.918	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.205	276	453453	30.039	ng/ul	97
95) Dibenzo(a,h)anthracene	29.275	278	383923	30.058	ng/ul	98
96) Benzo(g,h,i)perylene	30.439	276	380963	30.149	ng/ul	97

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