Quantitation Report (QT Reviewed)

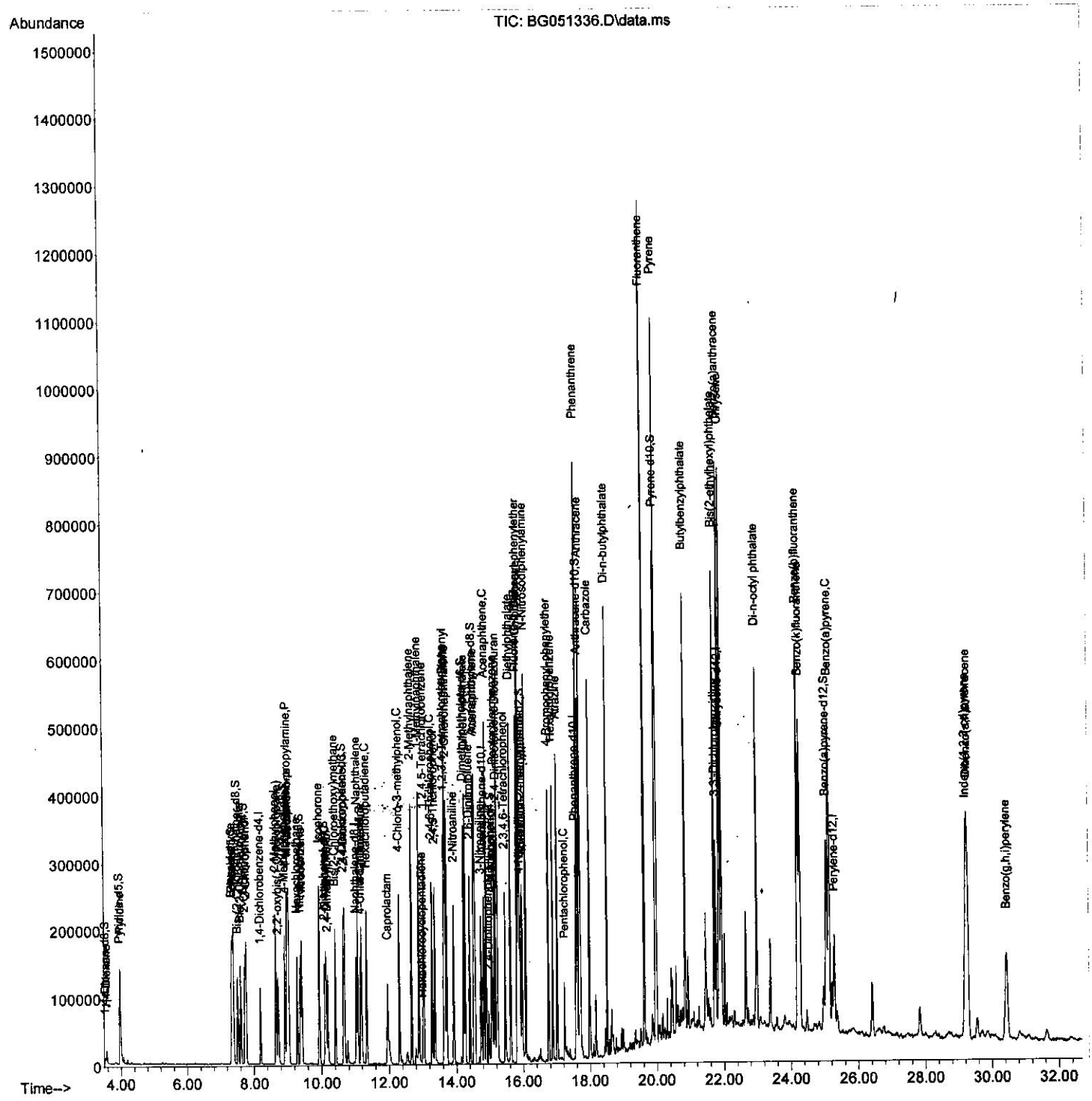
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051336.D
Acq On : 3 Dec 2021 19:26
Operator : CG/JU
Sample : M4833-10MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 03 23:37:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021



Quantitation Report (Qedit)

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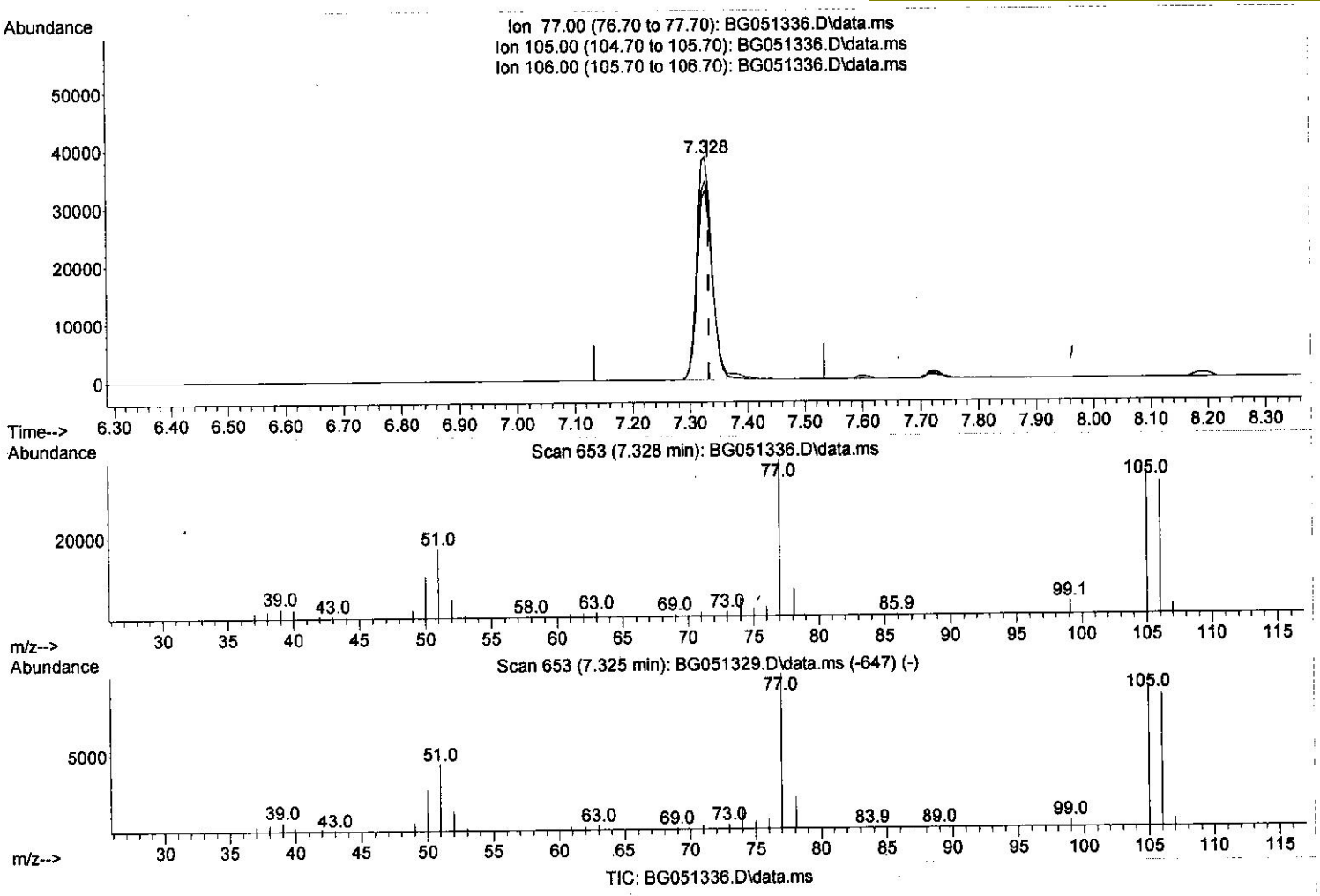

TIC: BG051336.D\data.ms

(6) Benzaldehyde

7.328min (-0.006) 36.85 ng/ul

response 69932

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	89.57
106.00	76.50	85.03
0.00	0.00	0.00

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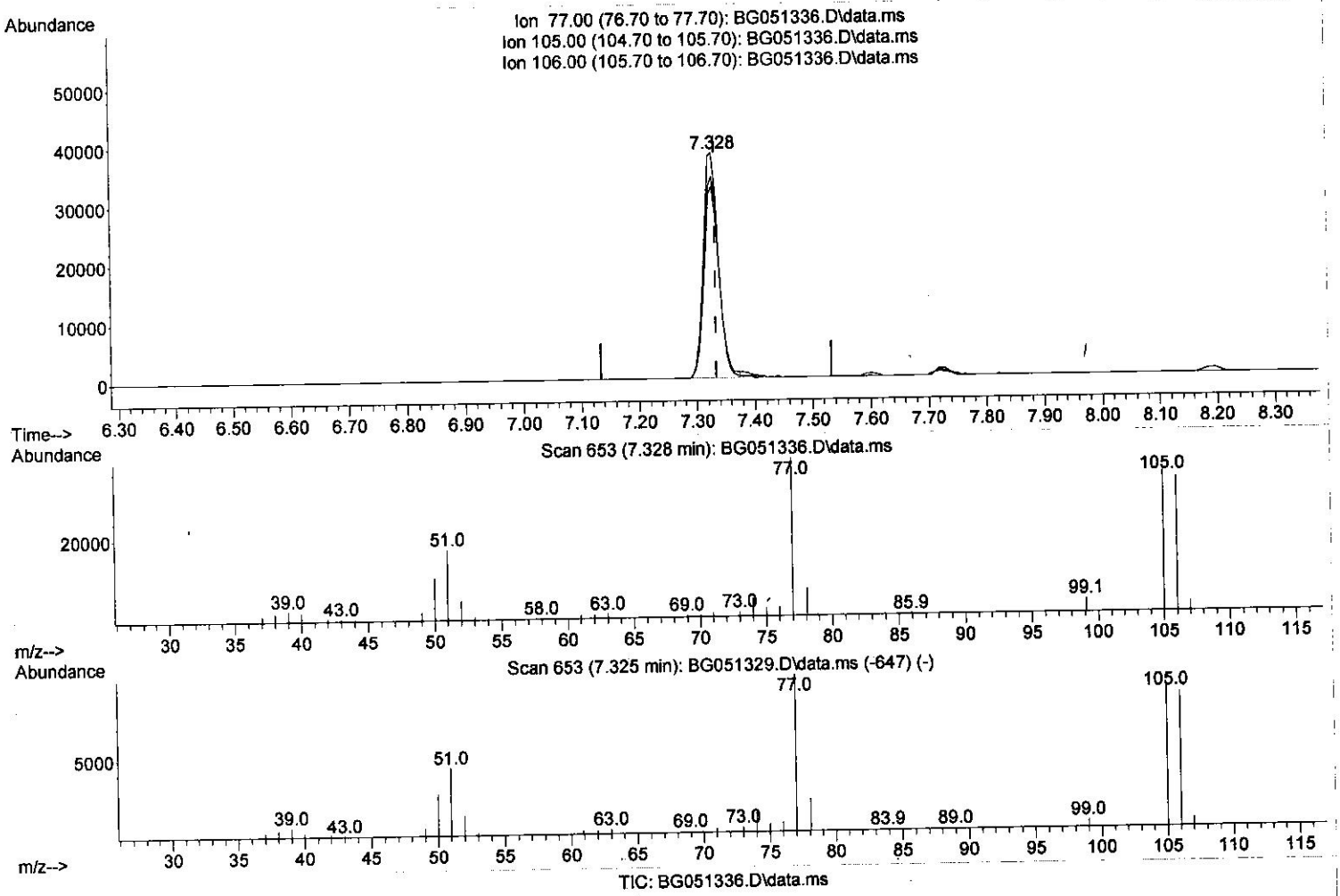

(6) Benzaldehyde

7.328min (-0.006) 37.22 ng/ul m JU 12/7/21

response 70624

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	89.57
106.00	76.50	85.03
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M4833-10MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

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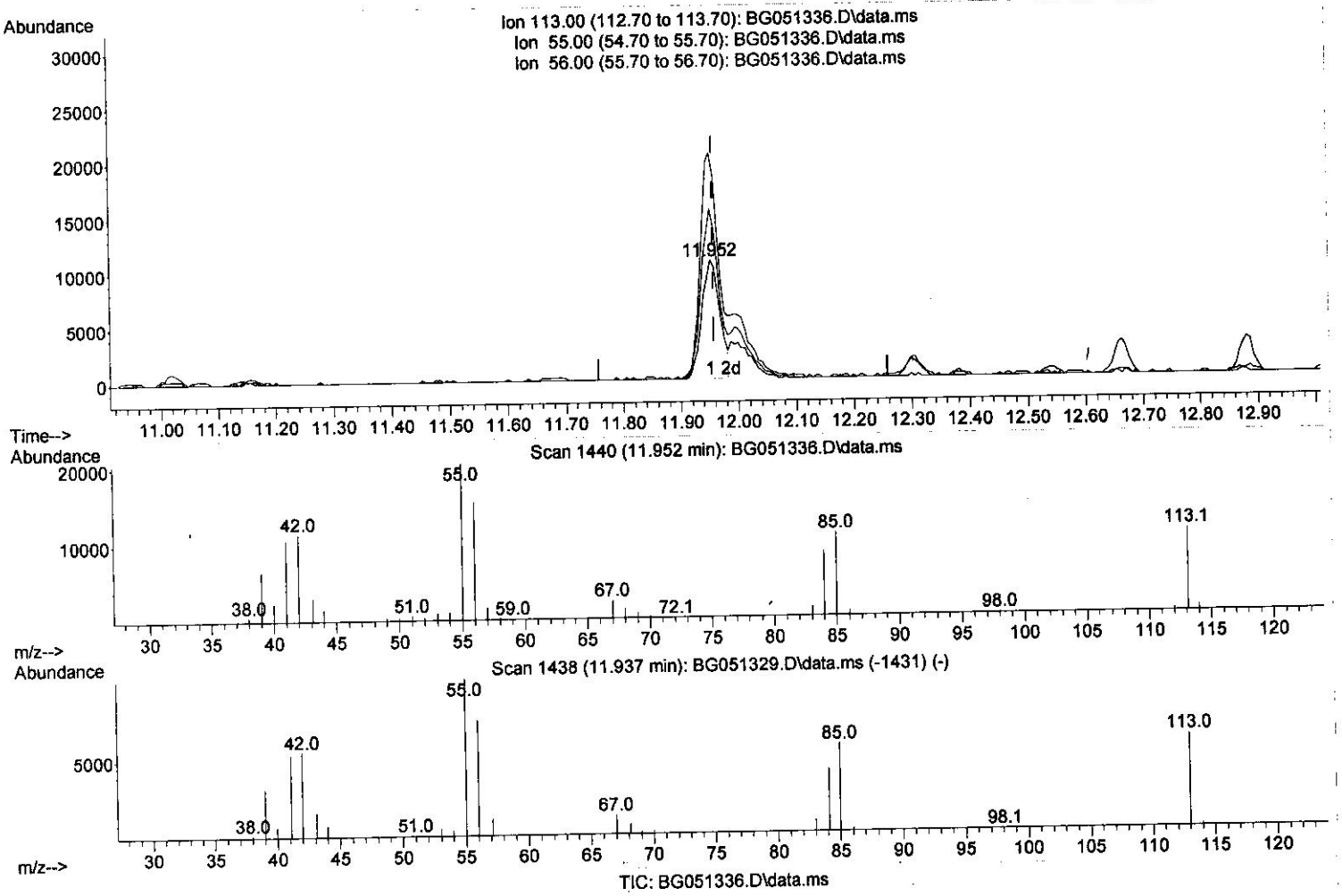

(34) Caprolactam

11.952min (-0.006) 28.40 ng/ul

response 23410

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	188.93
56.00	136.50	142.36
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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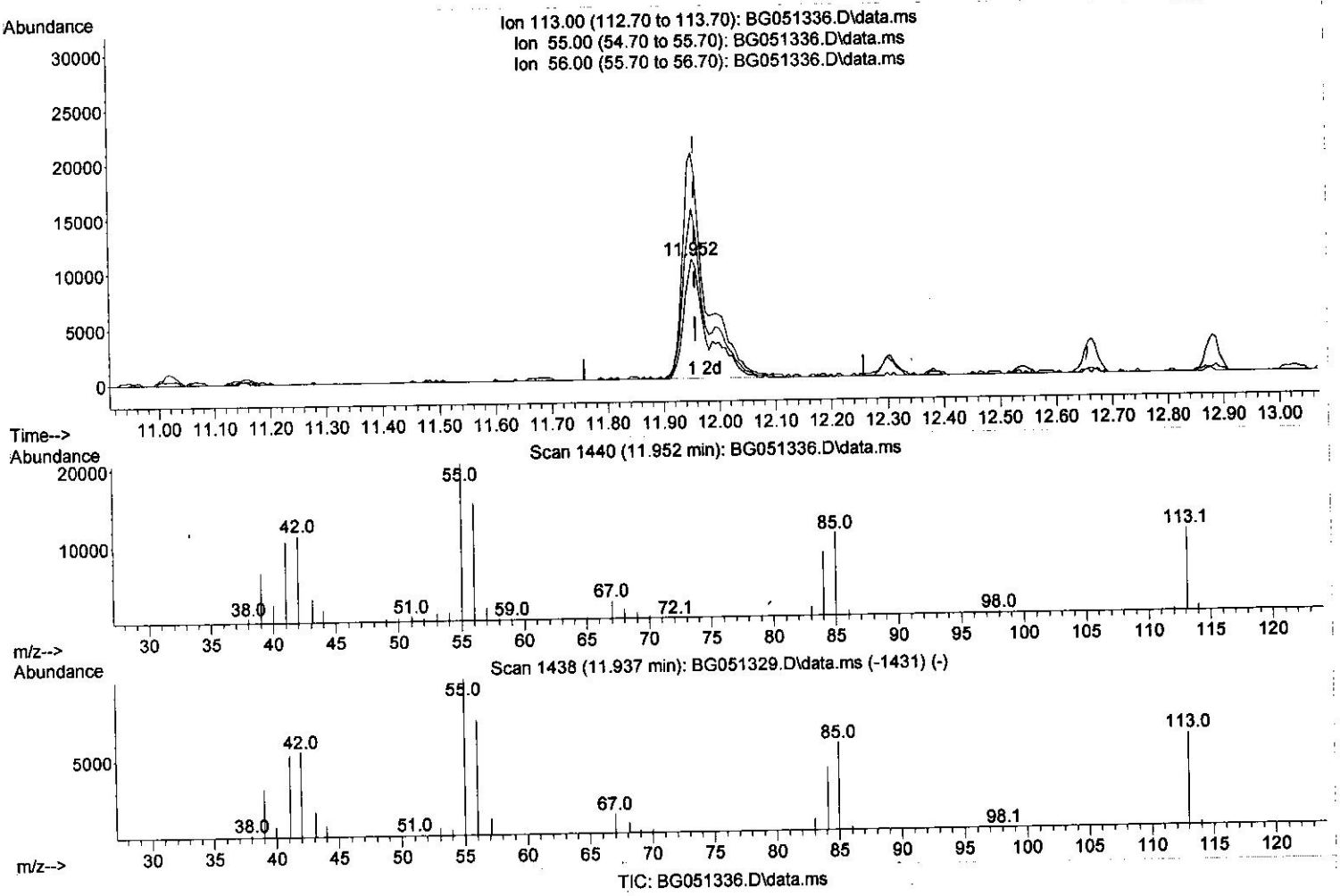

(34) Caprolactam

11.952min (-0.006) 38.25 ng/ul m

response 31534

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	188.93
56.00	136.50	142.36
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	8.191	152	30149	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.018	136	131855	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.825	164	83549	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.575	188	178936	20.000	ng/ul	0.00
79) Chrysene-d12	21.881	240	149765	20.000	ng/ul	0.00
88) Perylene-d12	25.277	264	152645	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	4527	5.218	ng/uL	-0.01
4) Pyridine-d5	3.961	84	59329	23.305	ng/ul	-0.02
7) Phenol-d5	7.351	99	98794	33.155	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.510	67	64951	34.707	ng/ul	0.00
11) 2-Chlorophenol-d4	7.721	132	73710	34.352	ng/ul	-0.01
15) 4-Methylphenol-d8	8.908	113	73980	30.767	ng/ul	0.00
21) Nitrobenzene-d5	9.372	128	39798	35.756	ng/ul	0.00
24) 2-Nitrophenol-d4	10.095	143	46522	37.053	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	75877	35.618	ng/ul	0.00
31) 4-Chloroaniline-d4	11.159	131	70555	22.635	ng/ul	0.00
46) Dimethylphthalate-d6	14.220	166	237721	36.979	ng/ul	0.00
49) Acenaphthylene-d8	14.525	160	296016	36.516	ng/ul	0.00
54) 4-Nitrophenol-d4	15.048	143	35928	34.527	ng/ul	0.00
60) Fluorene-d10	15.818	176	212060	36.632	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.953	200	36038	32.639	ng/ul	0.00
73) Anthracene-d10	17.674	188	320898	37.497	ng/ul	0.00
81) Pyrene-d10	19.954	212	371490	40.995	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.048	264	320565	39.322	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.573	88	11309	11.558	ng/uL	94
5) Pyridine	3.985	79	72104	27.218	ng/ul	93
6) Benzaldehyde	7.328	77	70624m	37.217	ng/ul	
8) Phenol	7.381	94	112790	36.539	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.598	93	83733	35.855	ng/ul	99
12) 2-Chlorophenol	7.757	128	78202	35.765	ng/ul	100
13) 2-Methylphenol	8.638	108	79321	34.498	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.708	45	124122	36.832	ng/ul	98
16) Acetophenone	9.020	105	134403	36.137	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.996	70	76315	35.706	ng/ul	99
18) 4-Methylphenol	8.973	108	84962	34.557	ng/ul	95
19) Hexachloroethane	9.278	117	32359	35.037	ng/ul	92
22) Nitrobenzene	9.414	77	113853	39.010	ng/ul	94
23) Isophorone	9.931	82	207869	36.660	ng/ul	99
25) 2-Nitrophenol	10.124	139	49308	37.915	ng/ul	99
26) 2,4-Dimethylphenol	10.177	107	49484	18.611	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.406	93	116032	37.068	ng/ul	99
29) 2,4-Dichlorophenol	10.671	162	76310	36.390	ng/ul	98
30) Naphthalene	11.070	128	269648	37.584	ng/ul	98
32) 4-Chloroaniline	11.182	127	95892	30.644	ng/ul	98
33) Hexachlorobutadiene	11.335	225	51315	35.477	ng/ul	96
34) Caprolactam	11.952	113	31534m	38.251	ng/ul	
35) 4-Chloro-3-methylphenol	12.304	107	94381	37.467	ng/ul	94

JU 12/13/21

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.663	142	179428	36.768	ng/ul	98
37) 1-Methylnaphthalene	12.880	142	179941	35.840	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.027	216	101246	38.600	ng/ul	96
40) Hexachlorocyclopentadiene	12.992	237	8006	7.552	ng/ul	93
41) 2,4,6-Trichlorophenol	13.268	196	66223	40.233	ng/ul	96
42) 2,4,5-Trichlorophenol	13.356	196	71693	41.593	ng/ul	99
43) 1,1'-Biphenyl	13.656	154	236769	37.942	ng/ul	96
44) 2-Chloronaphthalene	13.709	162	189548	38.185	ng/ul	99
45) 2-Nitroaniline	13.920	65	72173	42.010	ng/ul	88
47) Dimethylphthalate	14.267	163	247858	38.091	ng/ul	100
48) 2,6-Dinitrotoluene	14.408	165	55594	40.673	ng/ul	94
50) Acenaphthylene	14.555	152	302737	37.800	ng/ul	98
51) 3-Nitroaniline	14.743	138	55070	40.760	ng/ul	97
52) Acenaphthene	14.889	153	208231	39.424	ng/ul	95
53) 2,4-Dinitrophenol	14.966	184	19902	26.342	ng/ul#	85
55) 4-Nitrophenol	15.066	109	36361	40.281	ng/ul	93
56) Dibenzofuran	15.224	168	290682	38.155	ng/ul	99
57) 2,4-Dinitrotoluene	15.201	165	81283	41.636	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.454	232	54666	40.387	ng/ul	99
59) Diethylphthalate	15.618	149	270984	39.674	ng/ul	99
61) Fluorene	15.871	166	243796	39.950	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.853	204	123279	37.486	ng/ul	98
63) 4-Nitroaniline	15.906	138	58068	44.166	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.965	198	40136	37.691	ng/ul	97
67) N-Nitrosodiphenylamine	16.070	169	214322	41.839	ng/ul	98
68) 4-Bromophenyl-phenylether	16.752	248	78522	40.944	ng/ul	93
69) Hexachlorobenzene	16.875	284	83456	42.678	ng/ul	99
70) Atrazine	17.016	200	85383	39.660	ng/ul	98
71) Pentachlorophenol	17.234	266	22056	25.454	ng/ul	94
72) Phenanthrene	17.622	178	571521	57.847	ng/ul	100
74) Anthracene	17.710	178	424867	43.300	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.632	216	103742	39.748	ng/uL	99
76) Pentachlorobenzene	15.142	250	96254	39.580	ng/uL	100
77) Carbazole	17.980	167	374088	43.434	ng/ul	99
78) Di-n-butylphthalate	18.509	149	459854	41.409	ng/ul	99
80) Fluoranthene	19.625	202	764945	68.728	ng/ul	97
82) Pyrene	19.989	202	698589	64.165	ng/ul	96
83) Butylbenzylphthalate	20.841	149	192310	42.487	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.764	252	100068	28.698	ng/ul	96
85) Benzo(a)anthracene	21.858	228	570443	56.158	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.717	149	278740	42.796	ng/ul	99
87) Chrysene	21.928	228	529992	54.311	ng/ul	98
89) Di-n-octyl phthalate	22.980	149	467923	42.313	ng/ul	100
90) Benzo(b)fluoranthene	24.196	252	561276	54.485	ng/ul	98
91) Benzo(k)fluoranthene	24.261	252	477002	49.343	ng/ul	98
93) Benzo(a)pyrene	25.125	252	518797	52.789	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.214	276	543436	49.414	ng/ul	99
95) Dibenzo(a,h)anthracene	29.255	278	415710	44.556	ng/ul	97
96) Benzo(g,h,i)perylene	30.430	276	265786	28.725	ng/ul	95

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