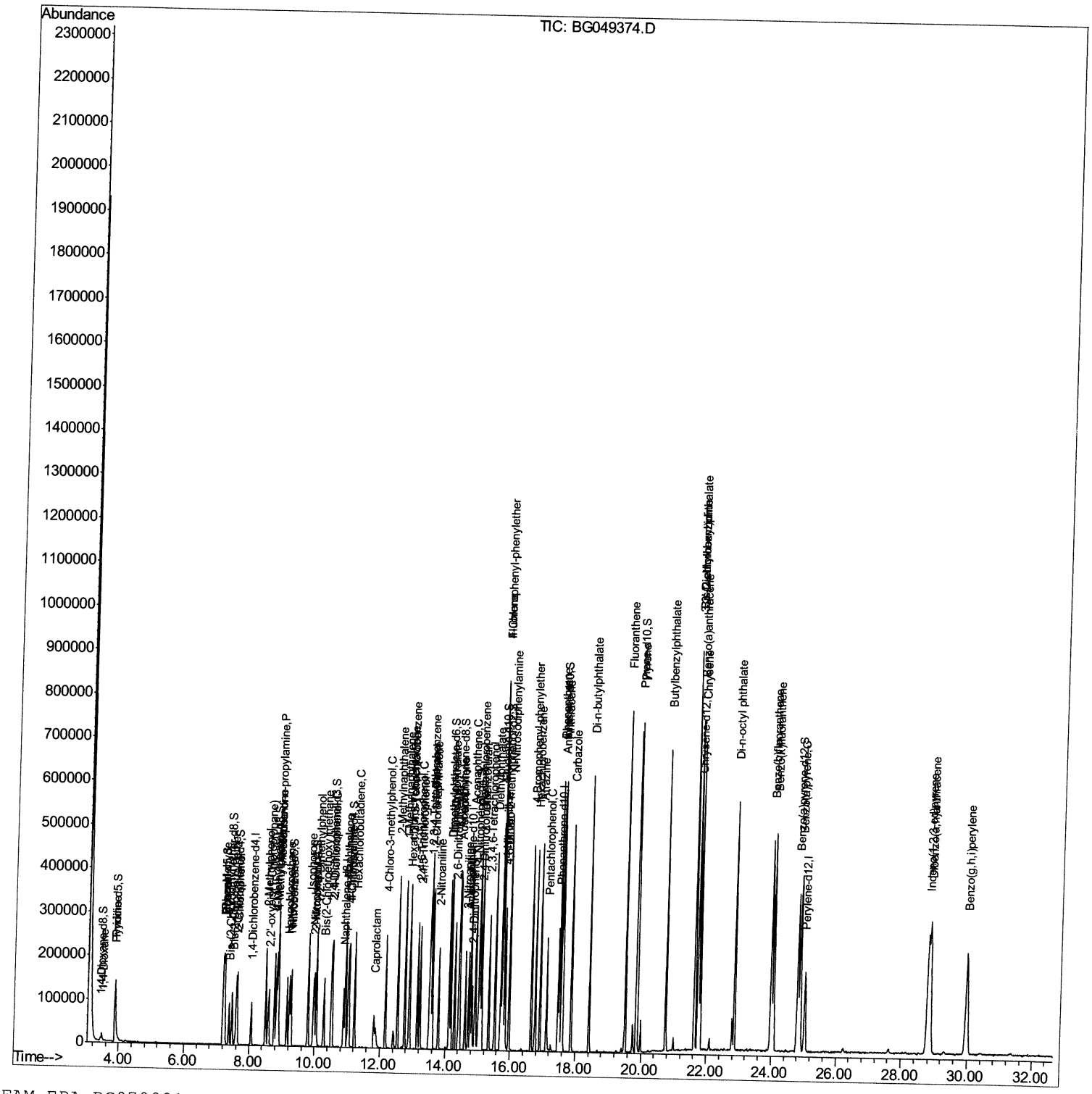
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049374.D
Acq On : 16 Jul 2021 11:59
Operator : CG/JU
Sample : PB137651BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 16 12:41:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS651

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:04 AM



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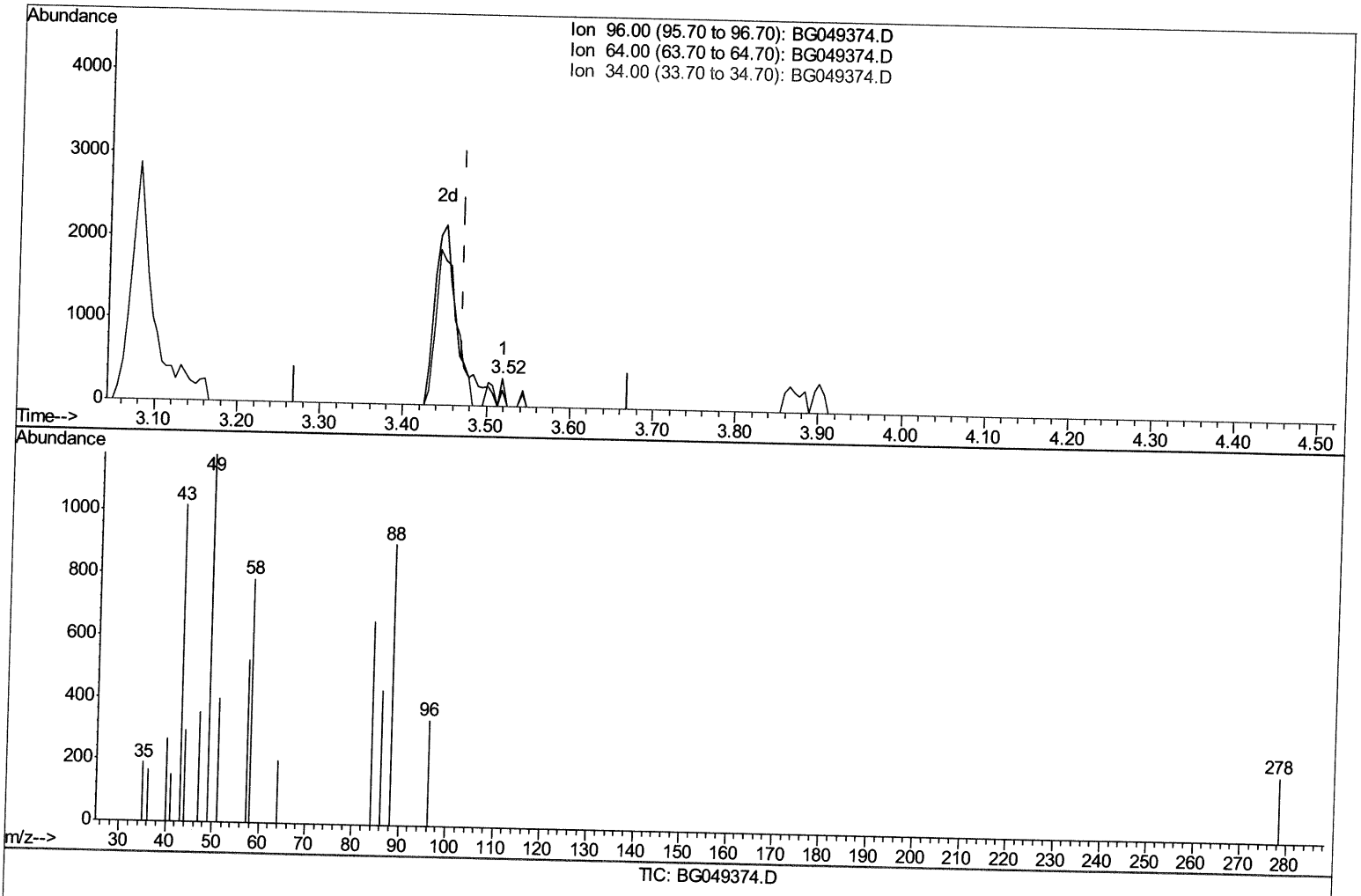

(3) 1,4-Dioxane-d8 (S)

3.519min (+0.049) 0.22ng/uL

response 120

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	58.94
34.00	0.00	0.00
0.00	0.00	0.00

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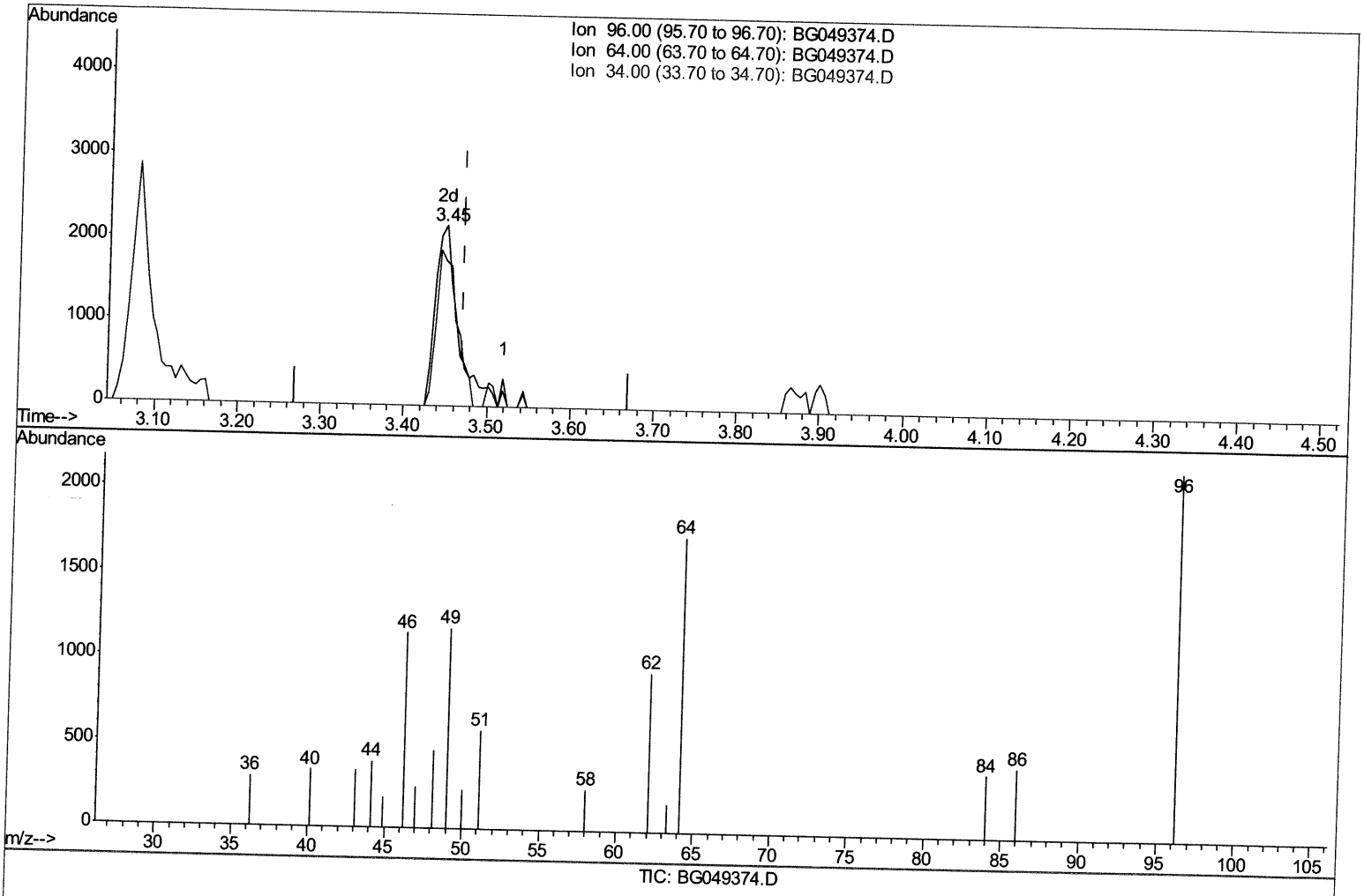

(3) 1,4-Dioxane-d8 (S)

3.449min (-0.021) 7.47ng/uL m 07/22/21 JU

response 4083

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	80.20#
34.00	0.00	0.00
0.00	0.00	0.00

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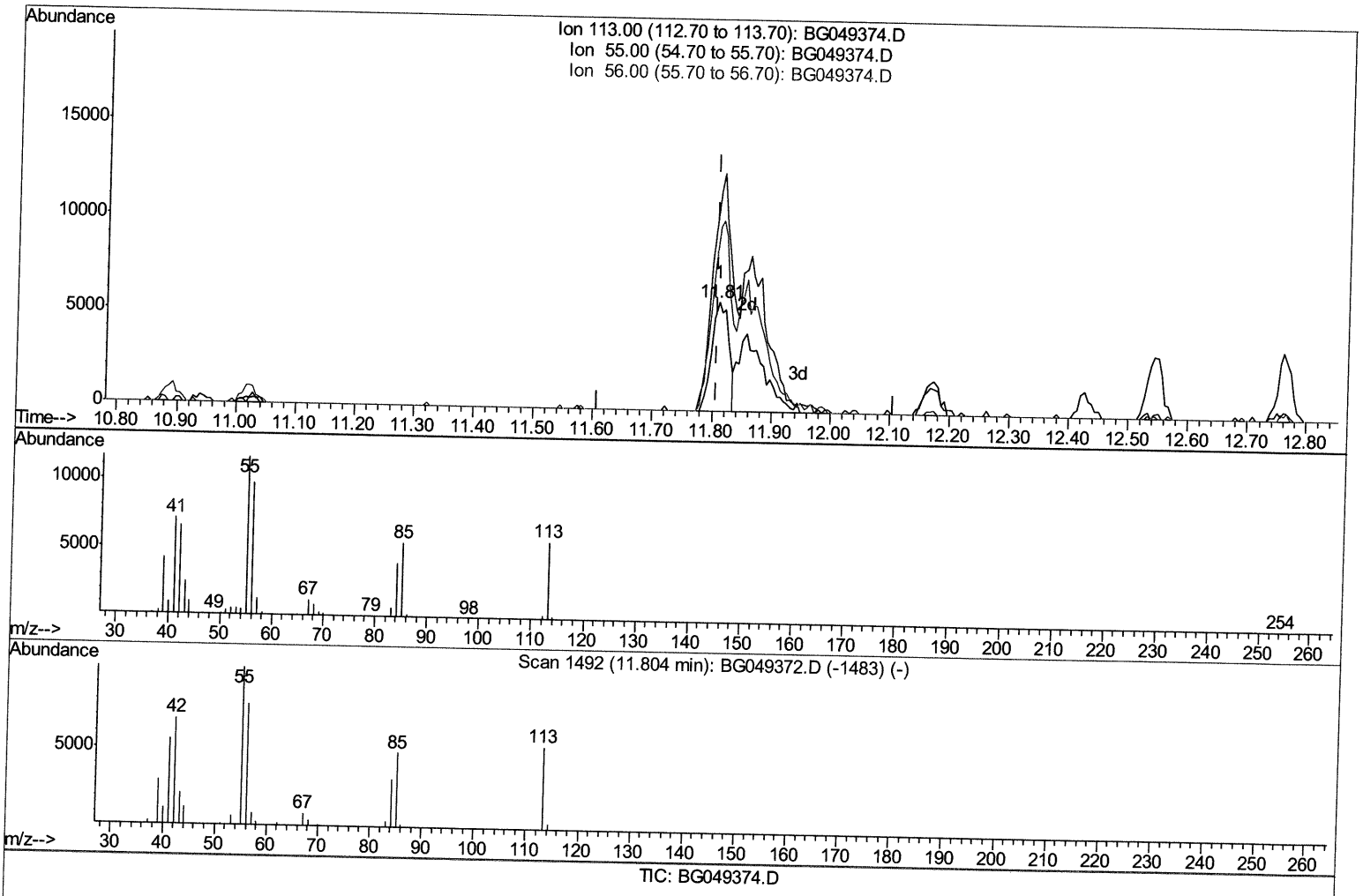

TIC: BG049374.D

(34) Caprolactam

11.809min (+0.002) 19.00ng/ul

response 11413

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	201.73
56.00	171.90	168.37
0.00	0.00	0.00

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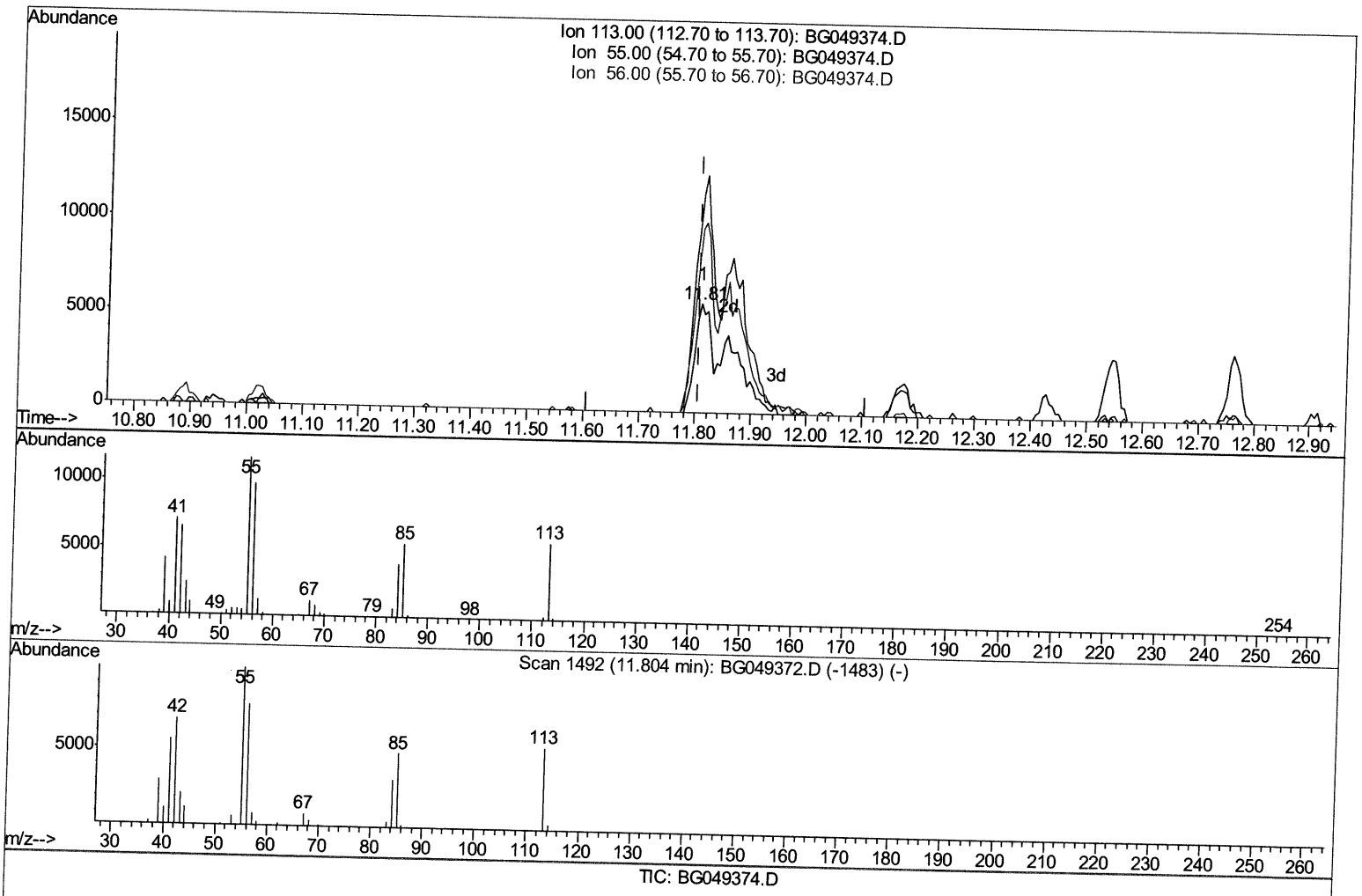

TIC: BG049374.D

(34) Caprolactam

11.809min (+0.002) 40.00ng/ul m 07/22/21JU

response 24028

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	201.73
56.00	171.90	168.37
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25719	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.89	136	109948	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	81246	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	184112	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	190240	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	206122	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	4083m	> 7.47	ng/uL	>-0.02 07/22/21 JU
4) Pyridine-d5	3.87	84	56598	35.20	ng/ul	-0.02
7) Phenol-d5	7.22	99	87196	38.98	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.38	67	48793	37.60	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.60	132	67352	40.73	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	71176	39.71	ng/ul	0.00
21) Nitrobenzene-d5	9.23	128	35333	41.88	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	40482	41.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	78164	41.36	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	88708	36.02	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	254229	40.69	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	294135	40.12	ng/ul	0.00
54) 4-Nitrophenol-d4	14.92	143	39229	37.93	ng/ul	0.00
60) Fluorene-d10	15.71	176	213122	40.29	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	44730	38.22	ng/ul	0.00
73) Anthracene-d10	17.57	188	352101	42.00	ng/ul	0.00
81) Pyrene-d10	19.85	212	429891	44.09	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	434833	40.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	8243	12.379	ng/uL#	93
5) Pyridine	3.89	79	63155	35.411	ng/ul	96
6) Benzaldehyde	7.20	77	61878	45.976	ng/ul	93
8) Phenol	7.25	94	87749	39.220	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.48	93	62792	37.745	ng/ul#	73
12) 2-Chlorophenol	7.63	128	64881	38.875	ng/ul	96
13) 2-Methylphenol	8.51	108	70031	41.093	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.60	45	112997	42.230	ng/ul	95
16) Acetophenone	8.90	105	116482	39.615	ng/ul	91
17) N-Nitroso-di-n-propylamine	8.88	70	62368	41.745	ng/ul	88
18) 4-Methylphenol	8.84	108	72625	40.962	ng/ul	85
19) Hexachloroethane	9.15	117	30172	39.928	ng/ul	84
22) Nitrobenzene	9.28	77	96051	40.369	ng/ul#	97
23) Isophorone	9.81	82	170366	41.451	ng/ul	98
25) 2-Nitrophenol	9.99	139	39373	39.848	ng/ul	99
26) 2,4-Dimethylphenol	10.05	107	86943	39.739	ng/ul	92
27) Bis(2-Chloroethoxy)methane	10.28	93	90558	41.327	ng/ul	98
29) 2,4-Dichlorophenol	10.53	162	69835	40.442	ng/ul	92
30) Naphthalene	10.94	128	223883	40.841	ng/ul	97
32) 4-Chloroaniline	11.05	127	90545	37.291	ng/ul#	87
33) Hexachlorobutadiene	11.22	225	61027	41.676	ng/ul	97
34) Caprolactam	11.81	113	24028m	> 40.000	ng/ul	> 07/22/21 JU

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	84010	43.553 ng/ul	97
36) 2-Methylnaphthalene	12.54	142	172767	41.482 ng/ul	100
37) 1-Methylnaphthalene	12.76	142	168533	40.690 ng/ul#	96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	104166	40.820 ng/ul#	95
40) Hexachlorocyclopentadiene	12.89	237	61900	36.525 ng/ul	96
41) 2,4,6-Trichlorophenol	13.15	196	68388	41.430 ng/ul	87
42) 2,4,5-Trichlorophenol	13.23	196	72158	41.099 ng/ul	94
43) 1,1'-Biphenyl	13.55	154	226903	41.338 ng/ul	99
44) 2-Chloronaphthalene	13.60	162	174138	40.492 ng/ul	99
45) 2-Nitroaniline	13.80	65	67039	42.518 ng/ul	94
47) Dimethylphthalate	14.17	163	239517	41.299 ng/ul#	99
48) 2,6-Dinitrotoluene	14.28	165	49850	39.912 ng/ul	91
50) Acenaphthylene	14.44	152	271147	41.586 ng/ul	99
51) 3-Nitroaniline	14.62	138	44802	39.392 ng/ul	84
52) Acenaphthene	14.78	153	190975	40.331 ng/ul	98
53) 2,4-Dinitrophenol	14.82	184	28705	36.264 ng/ul#	83
55) 4-Nitrophenol	14.93	109	52287	40.049 ng/ul	98
56) Dibenzofuran	15.12	168	277438	41.343 ng/ul	95
57) 2,4-Dinitrotoluene	15.08	165	72634	40.299 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.34	232	65201	39.603 ng/ul	92
59) Diethylphthalate	15.53	149	251752	40.383 ng/ul	99
61) Fluorene	15.76	166	236248	41.596 ng/ul	95
62) 4-Chlorophenyl-phenylether	15.75	204	132756	42.519 ng/ul	98
63) 4-Nitroaniline	15.79	138	47238	42.308 ng/ul	88
66) 4,6-Dinitro-2-methylphenol	15.84	198	45609	40.955 ng/ul#	96
67) N-Nitrosodiphenylamine	15.97	169	202134	43.122 ng/ul	97
68) 4-Bromophenyl-phenylether	16.65	248	88949	43.316 ng/ul	94
69) Hexachlorobenzene	16.77	284	101882	43.809 ng/ul	95
70) Atrazine	16.92	200	90951	42.395 ng/ul	98
71) Pentachlorophenol	17.12	266	52516	37.835 ng/ul	97
72) Phenanthrene	17.51	178	382301	42.572 ng/ul	96
74) Anthracene	17.60	178	385240	41.996 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	106809	42.525 ng/uL	99
76) Pentachlorobenzene	15.04	250	117603	44.137 ng/uL	99
77) Carbazole	17.87	167	344436	42.090 ng/ul	99
78) Di-n-butylphthalate	18.42	149	419497	40.971 ng/ul	97
80) Fluoranthene	19.52	202	488167	43.048 ng/ul	99
82) Pyrene	19.88	202	479030	42.396 ng/ul	99
83) Butylbenzylphthalate	20.76	149	190333	42.907 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	182617	41.086 ng/ul	98
85) Benzo(a)anthracene	21.73	228	493984	42.253 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.63	149	280066	43.287 ng/ul	100
87) Chrysene	21.80	228	469299	42.437 ng/ul	98
89) Di-n-octyl phthalate	22.86	149	470554	40.557 ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	560692	44.094 ng/ul#	99
91) Benzo(k)fluoranthene	24.07	252	508423	41.007 ng/ul	96
93) Benzo(a)pyrene	24.89	252	480576	42.945 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.81	276	615903	42.658 ng/ul	92
95) Dibenzo(a,h)anthracene	28.88	278	515640	43.118 ng/ul	98
96) Benzo(g,h,i)perylene	29.99	276	520370	43.592 ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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