Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049227.D
Acq On : 8 Jul 2021 22:28
Operator : CG/JU
Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 09 02:57:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080305

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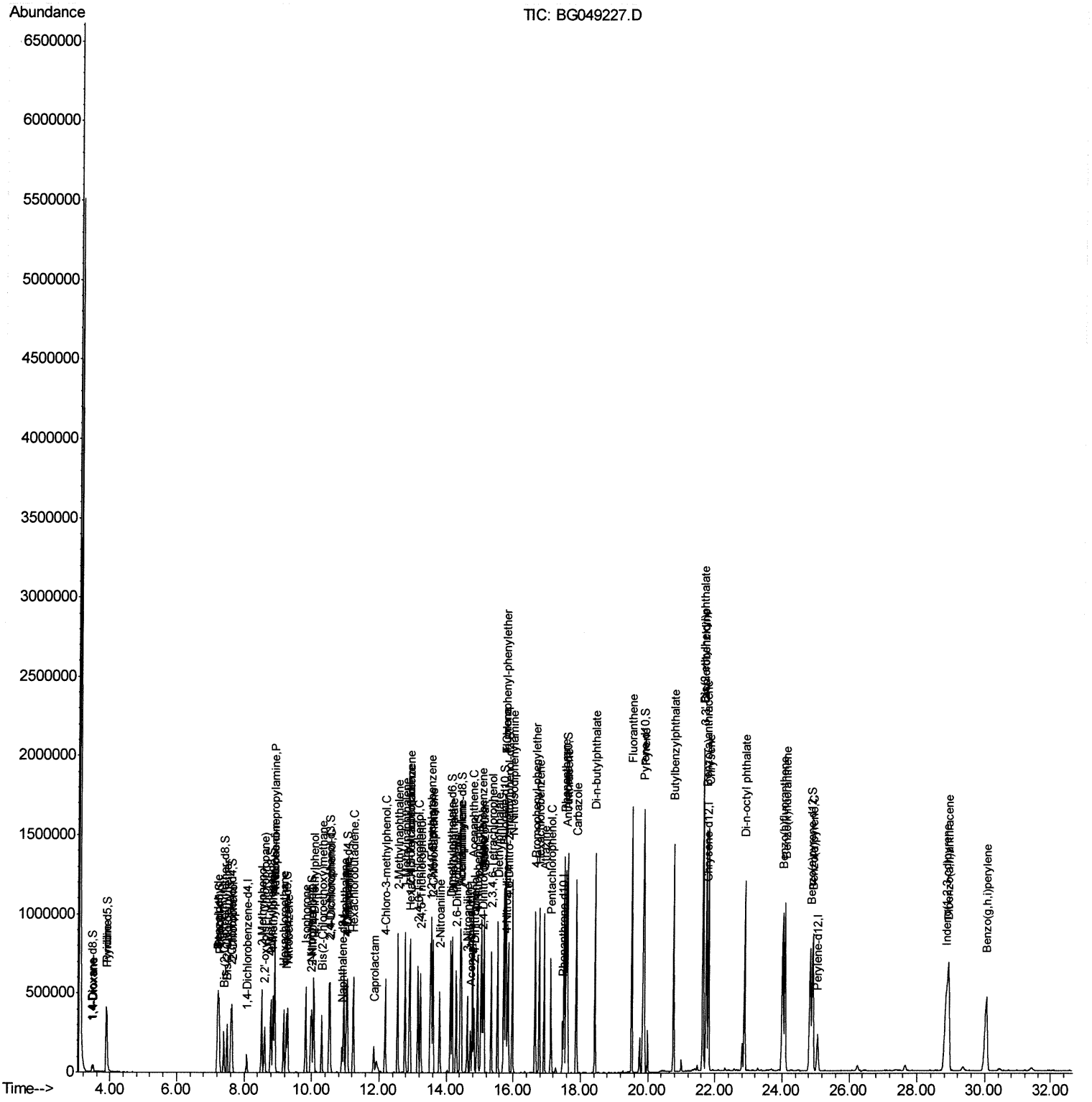

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Data File : BG049227.D
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Quant Time: Jul 09 02:36:46 2021
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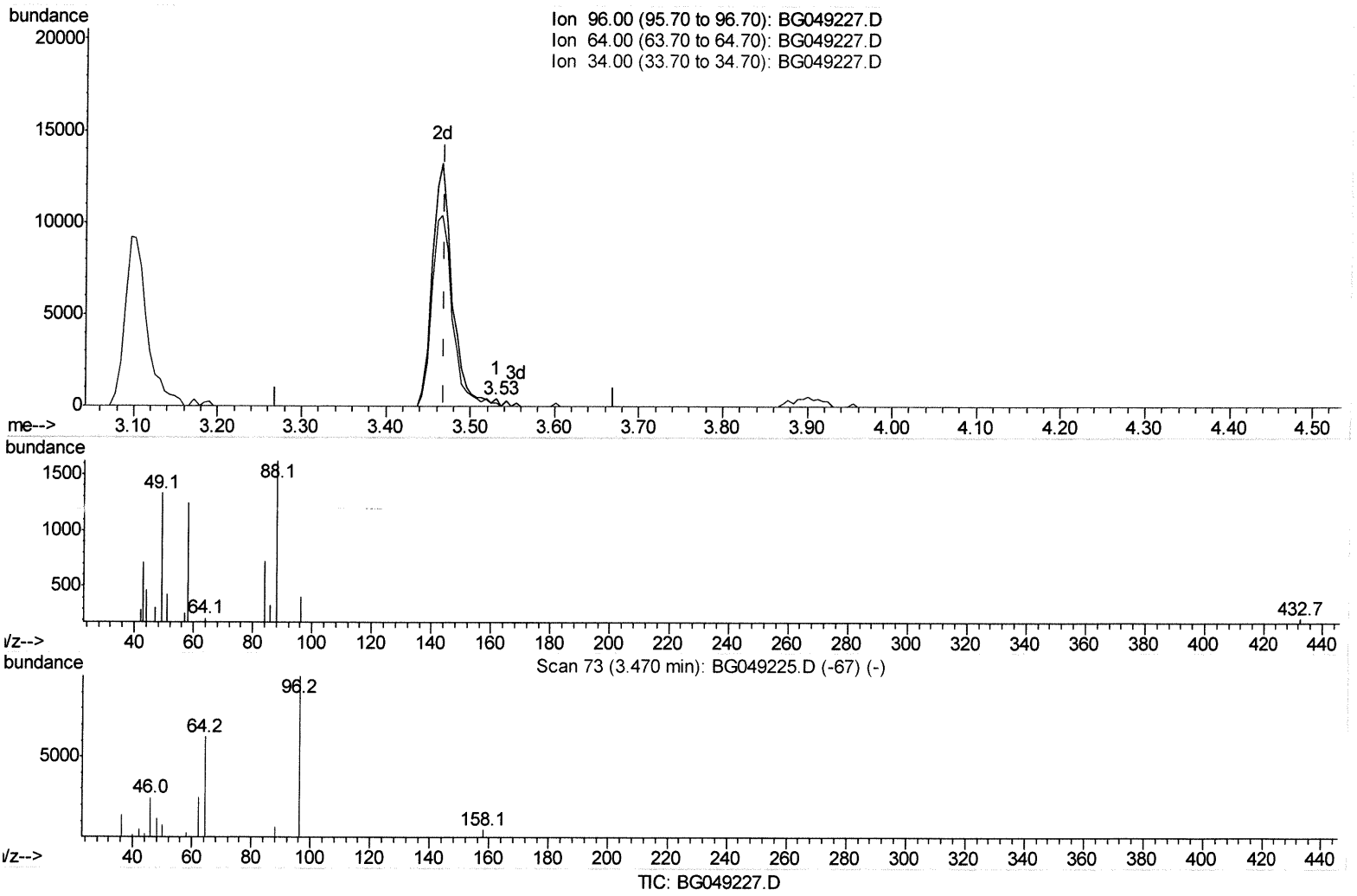

TIC: BG049227.D

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

3.530min (+0.061) 0.21ng/uL

response 145

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	50.98
34.00	0.00	0.00
0.00	0.00	0.00

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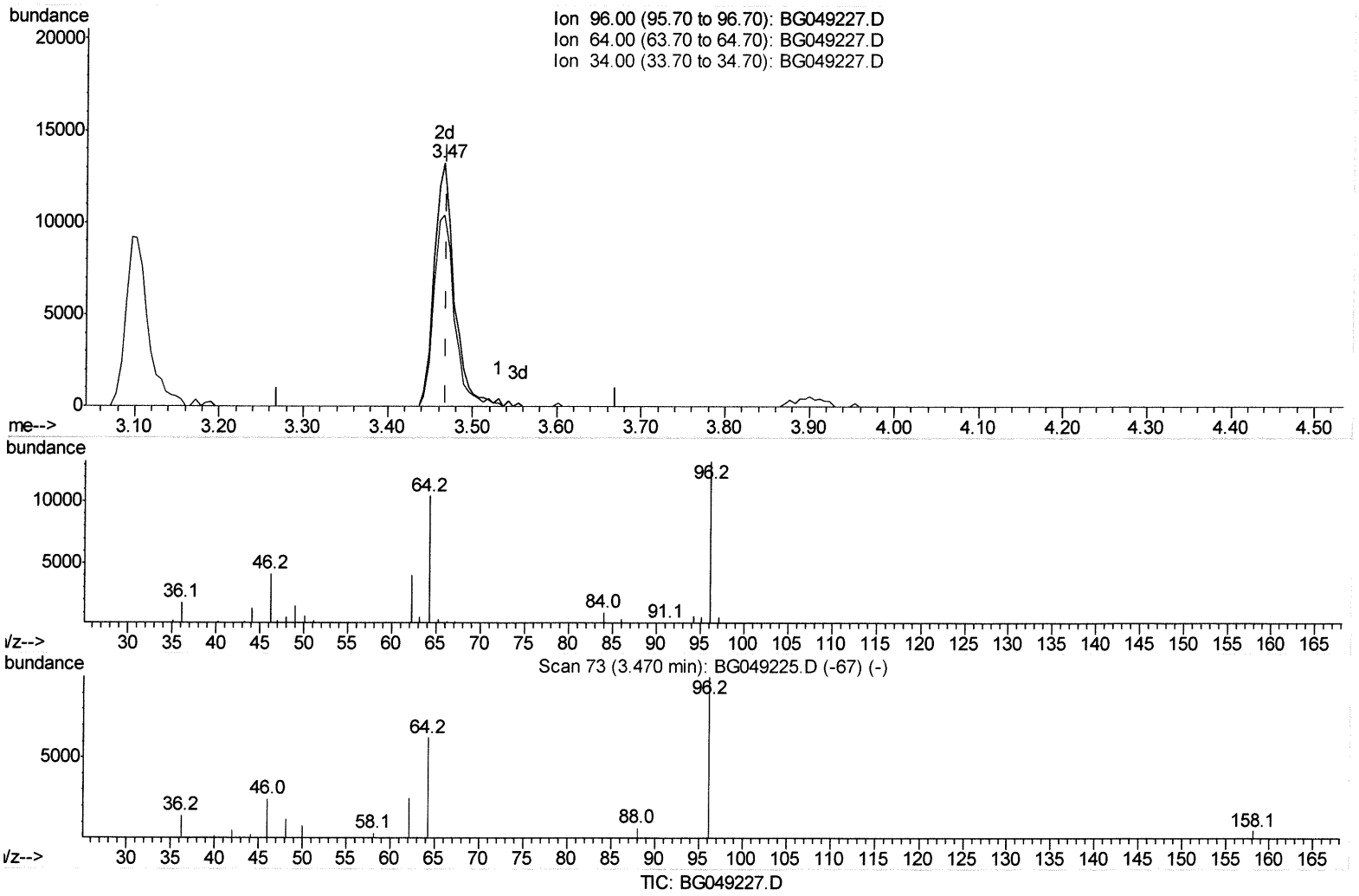

(3) 1,4-Dioxane-d8 (S)

3.466min (-0.004) 30.90ng/uL m 07/12/21 JU

response 21840

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	78.84#
34.00	0.00	0.00
0.00	0.00	0.00

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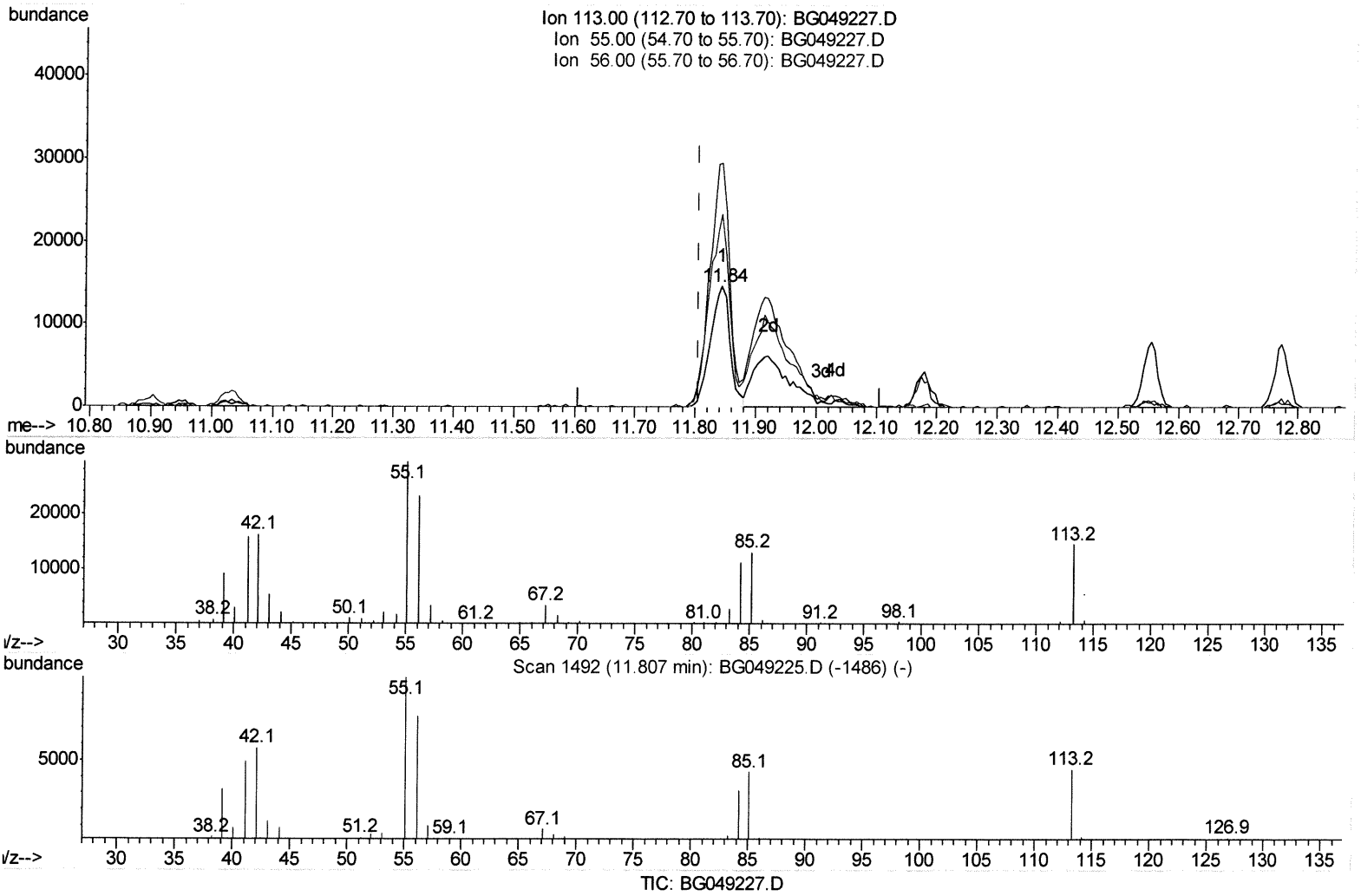

TIC: BG049227.D

(34) Caprolactam

11.844min (+0.037) 37.15ng/ul

response 32538

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	202.32
56.00	171.90	160.03
0.00	0.00	0.00

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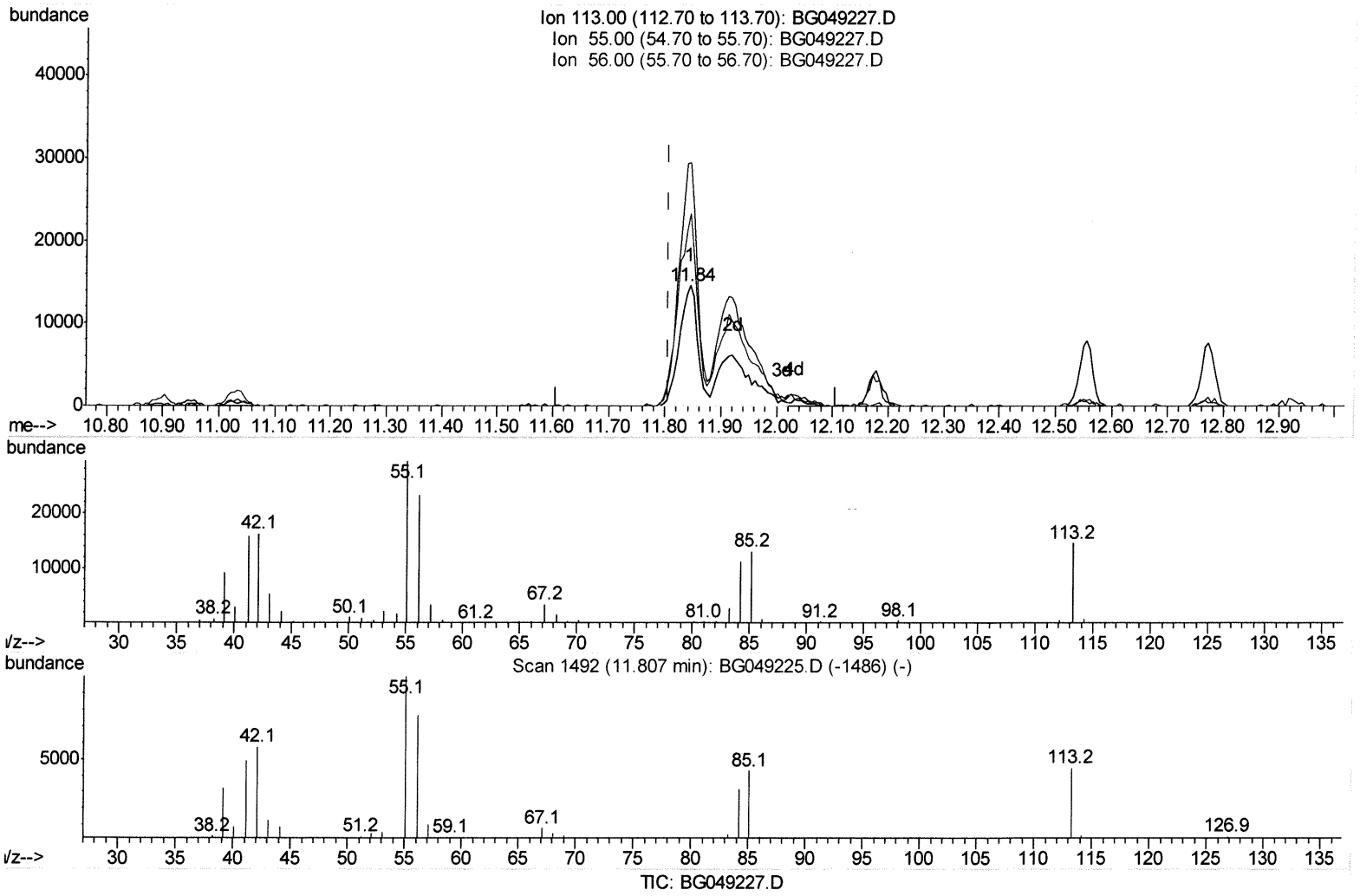

TIC: BG049227.D

(34) Caprolactam

11.844min (+0.037) 67.05ng/ul m 07/12/21 JU

response 58732

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	202.32
56.00	171.90	160.03
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30621	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	132128	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	95125	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	222190	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	221813	20.00	ng/ul	0.00
88) Perylene-d12	25.06	264	233657	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	21840m	30.90	ng/uL	0.00 07/12/21 JU
4) Pyridine-d5	3.88	84	163790	75.70	ng/ul	0.00
7) Phenol-d5	7.23	99	220044	82.71	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.40	67	124662	75.88	ng/ul	0.00
11) 2-Chlorophenol-d4	7.61	132	167968	90.86	ng/ul	0.00
15) 4-Methylphenol-d8	8.79	113	176289	80.78	ng/ul	0.00
21) Nitrobenzene-d5	9.25	128	82953	90.67	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	100533	100.37	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.52	165	190008	77.20	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	236287	76.23	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	580971	74.24	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	682455	79.42	ng/ul	0.00
54) 4-Nitrophenol-d4	14.93	143	97877	83.99	ng/ul	0.01
60) Fluorene-d10	15.72	176	492006	71.23	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.84	200	117361	103.36	ng/ul	0.01
73) Anthracene-d10	17.58	188	790479	77.87	ng/ul	0.00
81) Pyrene-d10	19.86	212	918907	81.01	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.85	264	988453	78.04	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	23256	32.792	ng/uL	96
5) Pyridine	3.90	79	180816	83.664	ng/ul	98
6) Benzaldehyde	7.21	77	133945	79.734	ng/ul	97
8) Phenol	7.26	94	218580	77.719	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.49	93	161460	78.724	ng/ul	88
12) 2-Chlorophenol	7.64	128	164059	83.610	ng/ul	97
13) 2-Methylphenol	8.52	108	168550	80.108	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.60	45	254912	105.198	ng/ul	97
16) Acetophenone	8.91	105	282365	78.926	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.90	70	147793	69.678	ng/ul	97
18) 4-Methylphenol	8.85	108	173722	78.650	ng/ul	91
19) Hexachloroethane	9.17	117	74636	81.627	ng/ul	94
22) Nitrobenzene	9.29	77	229675	76.153	ng/ul#	95
23) Isophorone	9.82	82	403469	64.721	ng/ul	99
25) 2-Nitrophenol	10.01	139	97177	85.195	ng/ul	97
26) 2,4-Dimethylphenol	10.06	107	213050	70.984	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.30	93	216471	68.977	ng/ul	93
29) 2,4-Dichlorophenol	10.55	162	170061	73.966	ng/ul	95
30) Naphthalene	10.95	128	528576	75.699	ng/ul	99
32) 4-Chloroaniline	11.06	127	231193	75.845	ng/ul	96
33) Hexachlorobutadiene	11.23	225	139311	63.699	ng/ul	95
34) Caprolactam	11.84	113	58732m	67.049	ng/ul	07/12/21 JU

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.18	107	192715	71.469 ng/ul	99
36) 2-Methylnaphthalene	12.56	142	405539	75.295 ng/ul	92
37) 1-Methylnaphthalene	12.77	142	398832	74.764 ng/ul#	95
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	241543	66.704 ng/ul#	97
40) Hexachlorocyclopentadiene	12.90	237	171319	65.154 ng/ul	98
41) 2,4,6-Trichlorophenol	13.16	196	161304	72.387 ng/ul	96
42) 2,4,5-Trichlorophenol	13.23	196	168284	70.355 ng/ul	88
43) 1,1'-Biphenyl	13.56	154	505670	71.840 ng/ul	98
44) 2-Chloronaphthalene	13.60	162	397483	72.091 ng/ul	98
45) 2-Nitroaniline	13.80	65	152244	89.386 ng/ul	95
47) Dimethylphthalate	14.18	163	530926	67.170 ng/ul#	98
48) 2,6-Dinitrotoluene	14.30	165	121142	89.488 ng/ul	87
50) Acenaphthylene	14.45	152	602097	73.068 ng/ul	98
51) 3-Nitroaniline	14.63	138	107828	82.848 ng/ul	98
52) Acenaphthene	14.79	153	440527	72.085 ng/ul	98
53) 2,4-Dinitrophenol	14.83	184	80805	89.724 ng/ul	93
55) 4-Nitrophenol	14.94	109	124744	80.820 ng/ul	96
56) Dibenzofuran	15.12	168	617555	71.141 ng/ul	98
57) 2,4-Dinitrotoluene	15.09	165	174237	89.476 ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.35	232	162302	71.782 ng/ul	92
59) Diethylphthalate	15.54	149	575697	72.877 ng/ul	98
61) Fluorene	15.77	166	520442	70.433 ng/ul#	90
62) 4-Chlorophenyl-phenylether	15.76	204	288551	64.376 ng/ul	98
63) 4-Nitroaniline	15.80	138	105755	78.039 ng/ul	86
66) 4,6-Dinitro-2-methylphenol	15.85	198	111683	93.680 ng/ul#	99
67) N-Nitrosodiphenylamine	15.97	169	457241	74.296 ng/ul	100
68) 4-Bromophenyl-phenylether	16.66	248	208143	73.656 ng/ul	95
69) Hexachlorobenzene	16.78	284	228909	77.076 ng/ul	95
70) Atrazine	16.93	200	197983	71.483 ng/ul	96
71) Pentachlorophenol	17.12	266	143973	76.413 ng/ul	100
72) Phenanthrene	17.52	178	851108	75.441 ng/ul	96
74) Anthracene	17.61	178	846805	72.962 ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	250523	71.917 ng/uL	98
76) Pentachlorobenzene	15.05	250	262983	72.070 ng/uL	99
77) Carbazole	17.88	167	776266	78.945 ng/ul	99
78) Di-n-butylphthalate	18.43	149	959233	77.943 ng/ul	99
80) Fluoranthene	19.52	202	1070662	76.064 ng/ul#	97
82) Pyrene	19.89	202	1025582	72.962 ng/ul	98
83) Butylbenzylphthalate	20.76	149	426665	84.876 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.65	252	409752	75.417 ng/ul	100
85) Benzo(a)anthracene	21.74	228	1062728	72.514 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.64	149	624163	85.174 ng/ul	99
87) Chrysene	21.81	228	1016307	72.521 ng/ul	98
89) Di-n-octyl phthalate	22.88	149	1050673	82.610 ng/ul	100
90) Benzo(b)fluoranthene	24.02	252	1162302	75.209 ng/ul	98
91) Benzo(k)fluoranthene	24.09	252	1097417	72.259 ng/ul	95
93) Benzo(a)pyrene	24.92	252	1017315	74.932 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.85	276	1337423	76.581 ng/ul	96
95) Dibenzo(a,h)anthracene	28.92	278	1091783	76.894 ng/ul	96
96) Benzo(g,h,i)perylene	30.05	276	1098452	77.599 ng/ul	94

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

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