Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047354.D
Acq On : 19 Nov 2020 15:27
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 19 16:05:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV31

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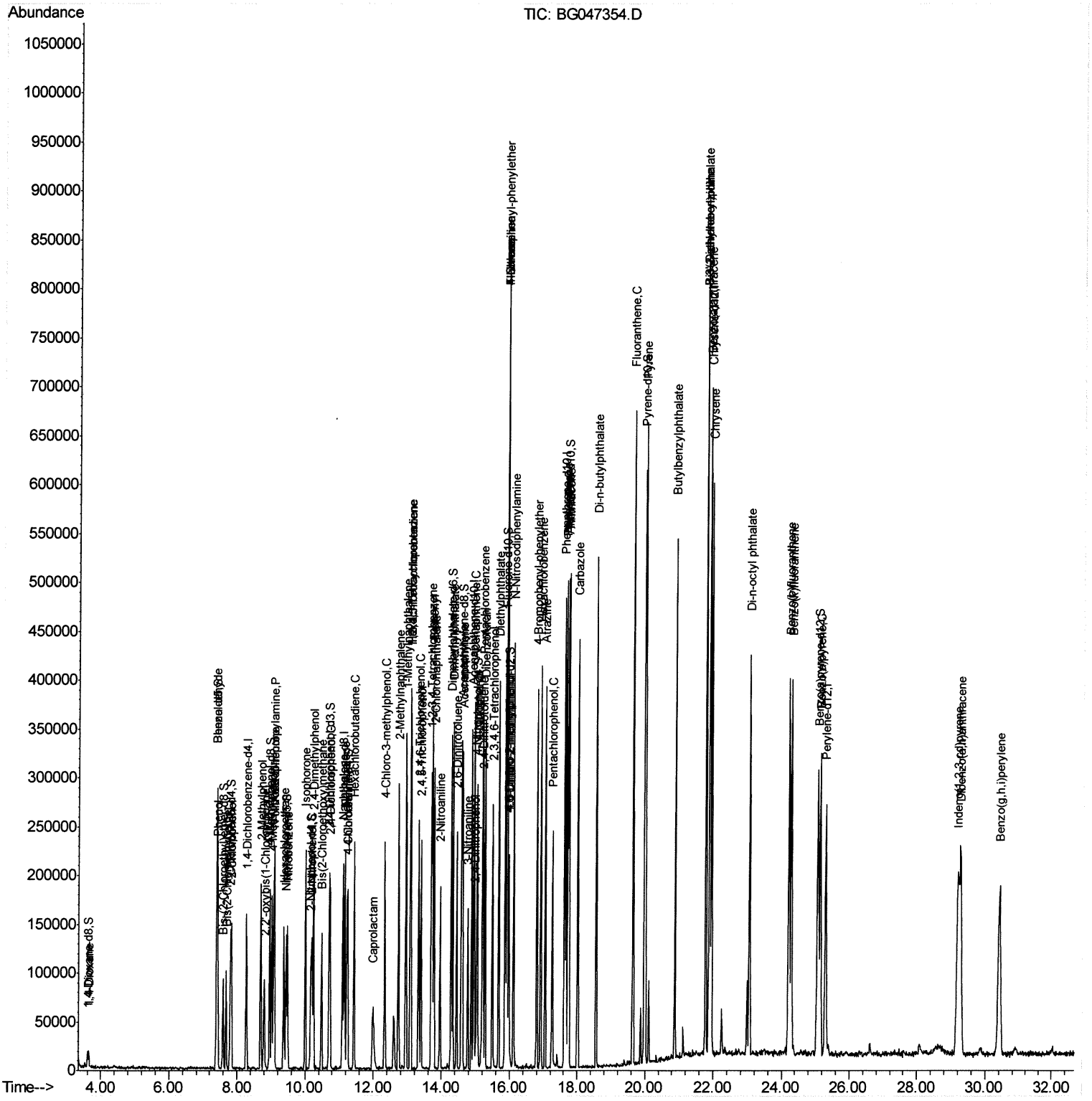

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Data File : BG047354.D
Acq On : 19 Nov 2020 15:27
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 19 16:03:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
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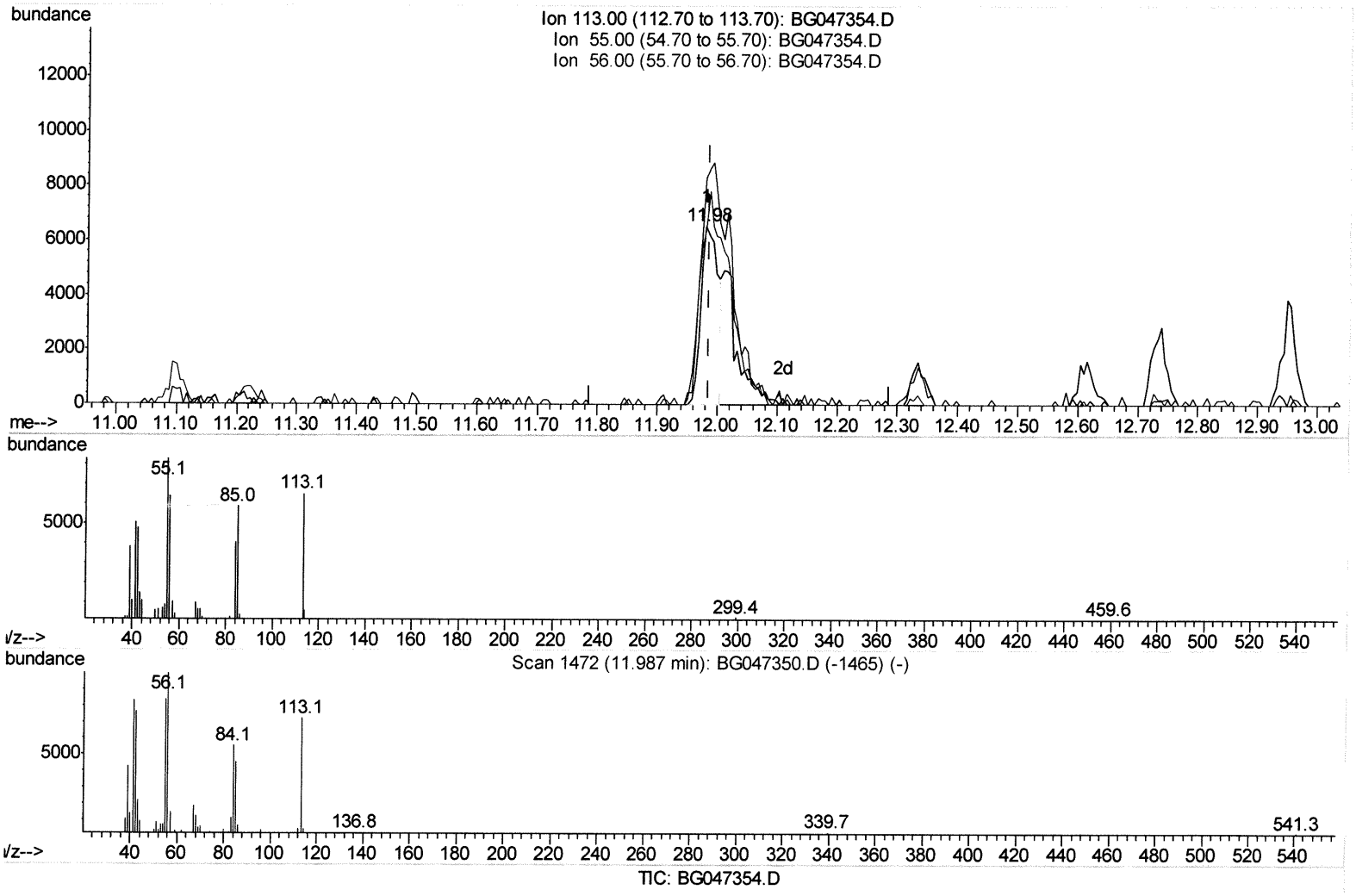

TIC: BG047354.D

(32) Caprolactam

11.981min (-0.006) 12.12ng/ul

response 12859

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	127.20
56.00	138.20	97.81#
0.00	0.00	0.00

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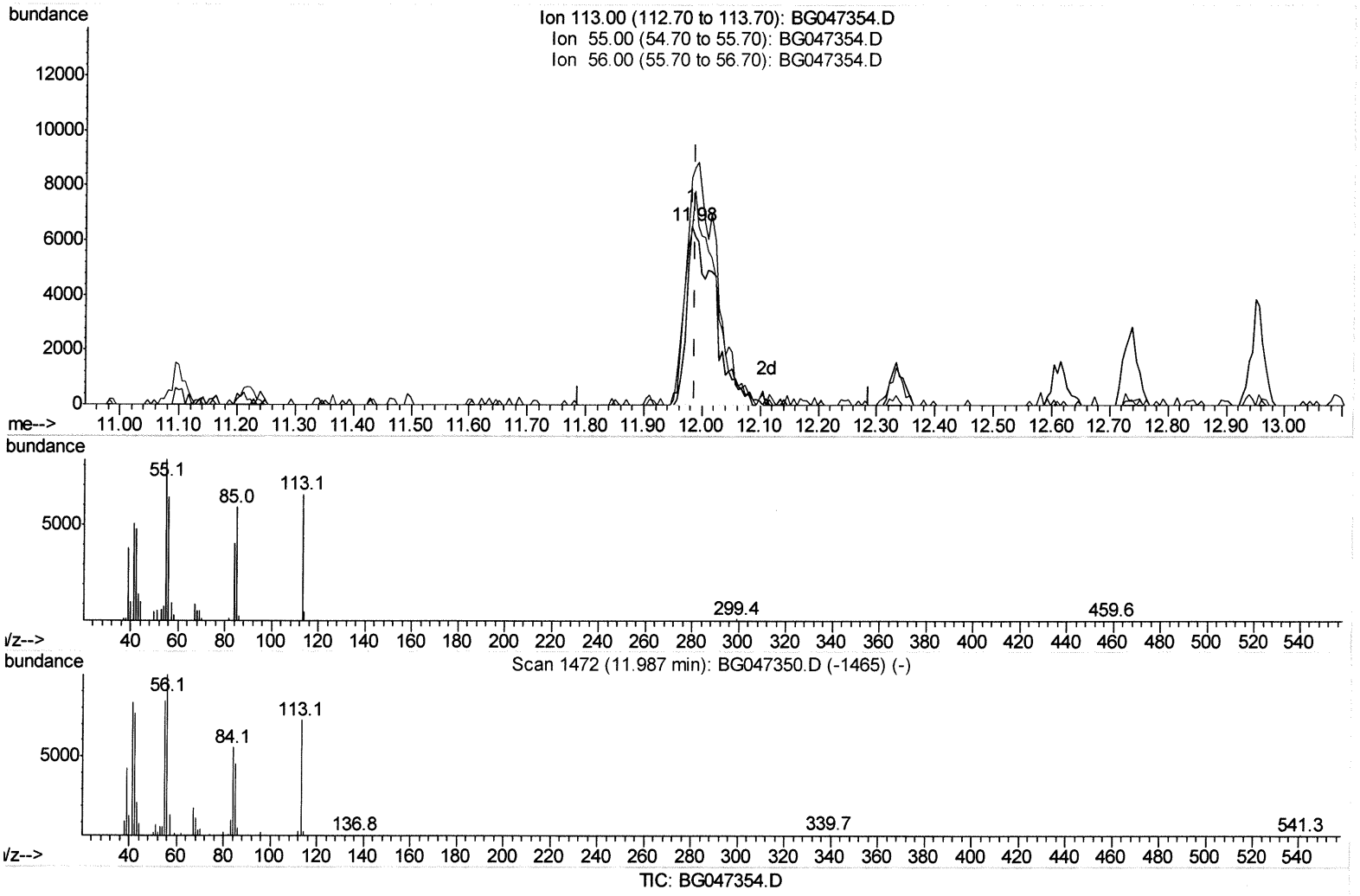

TIC: BG047354.D

(32) Caprolactam

11.981min (-0.006) 20.40ng/ul m

JU 11/24/20

response 21647

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	127.20
56.00	138.20	97.81#
0.00	0.00	0.00

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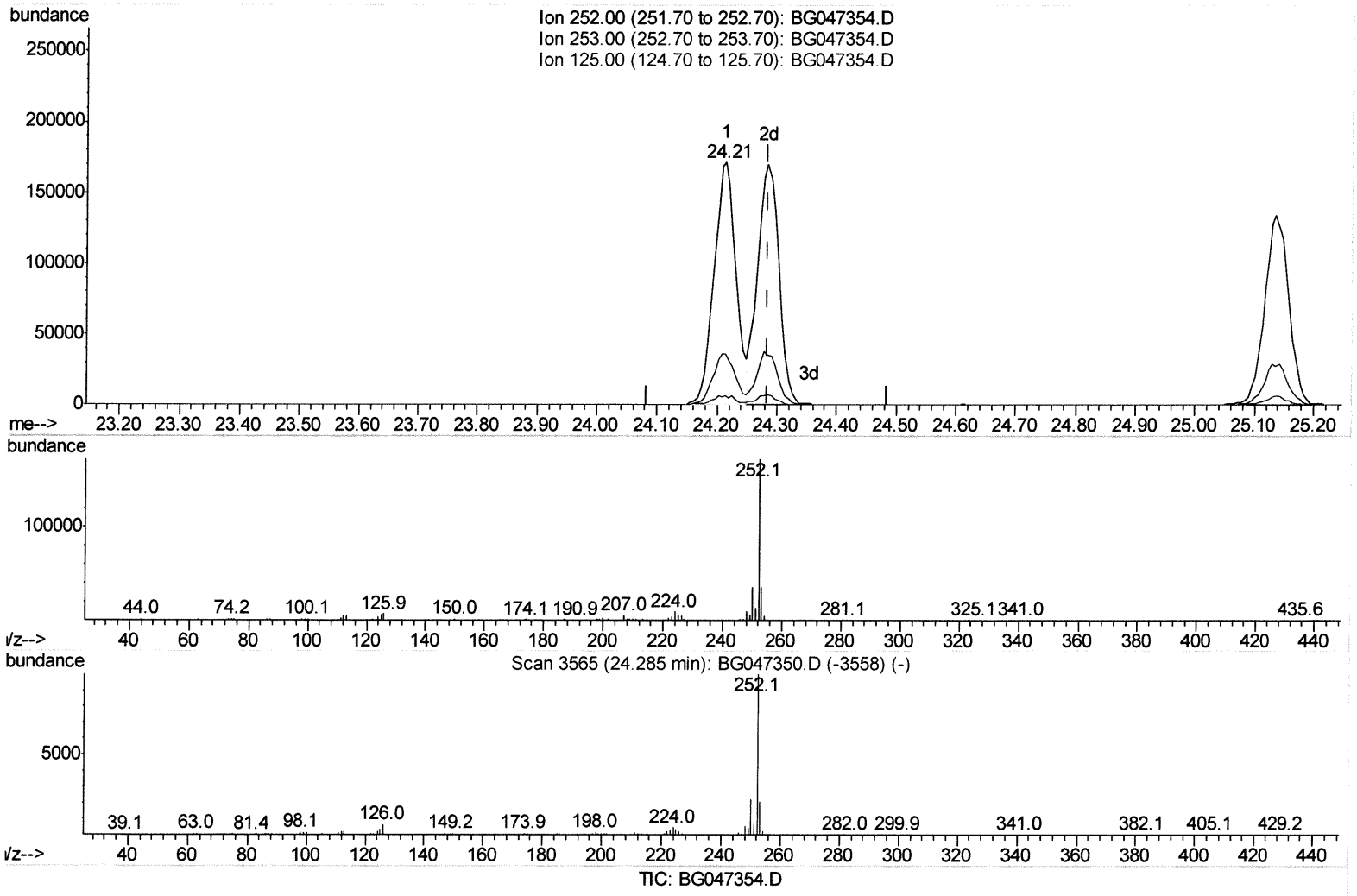

(89) Benzo(k)fluoranthene

24.214min (-0.071) 20.02ng/ul

response 437638

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	20.80
125.00	3.20	3.46
0.00	0.00	0.00

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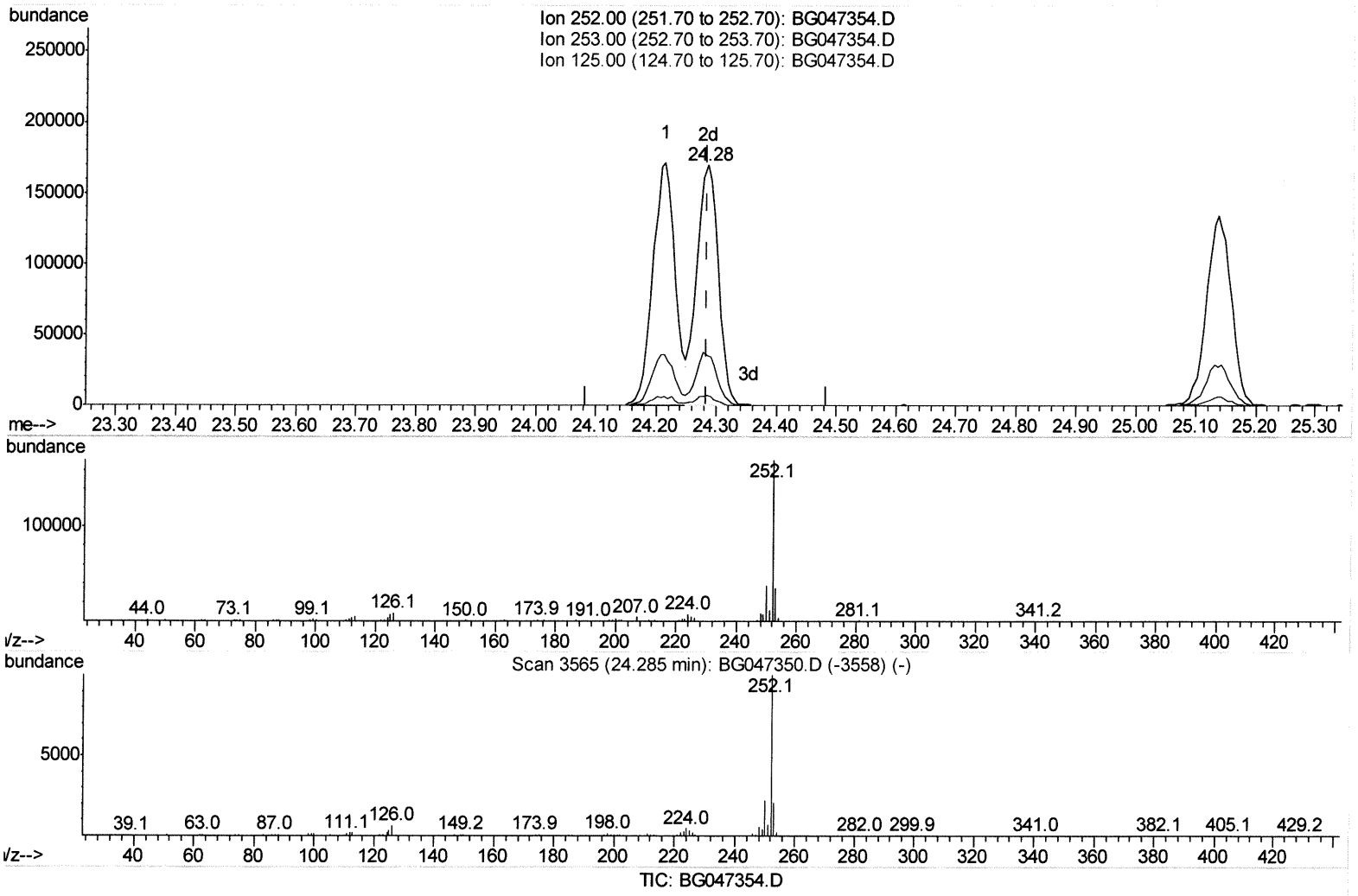

TIC: BG047354.D

(89) Benzo(k)fluoranthene

24.284min (-0.000) 19.37ng/ul m

JU 11/24/20

response 423379

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	20.65
125.00	3.20	3.97#
0.00	0.00	0.00

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Quant Time: Nov 19 16:05:31 2020
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	38755	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	158911	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	124098	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	306246	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	299655	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	314102	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	7607	7.14	ng/uL	0.00
5) Phenol-d5	7.40	99	76324	19.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	42235	19.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	54026	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	60623	20.30	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	27459	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	28606	19.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	65182	19.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	69533	20.97	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	203503	19.10	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	236334	19.20	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	31771	19.55	ng/ul	0.00
58) Fluorene-d10	15.87	176	182732	18.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	32720	18.77	ng/ul	0.00
71) Anthracene-d10	17.72	188	291353	19.18	ng/ul	0.00
79) Pyrene-d10	19.98	212	340436	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	347813	19.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	8822	8.019	ng/uL#	66
4) Benzaldehyde	7.40	77	46917	20.437	ng/ul	97
6) Phenol	7.42	94	74680	20.056	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.68	93	56575	20.583	ng/ul	99
10) 2-Chlorophenol	7.83	128	52513	19.962	ng/ul	92
11) 2-Methylphenol	8.70	108	58068	20.074	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.80	45	59161	20.463	ng/ul#	94
14) Acetophenone	9.10	105	95657	20.794	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.07	70	54781	19.739	ng/ul#	96
16) 4-Methylphenol	9.02	108	62355	20.539	ng/ul	96
17) Hexachloroethane	9.37	117	25726	20.810	ng/ul	88
20) Nitrobenzene	9.48	77	81555	19.210	ng/ul#	96
21) Isophorone	10.01	82	155728	19.246	ng/ul	99
23) 2-Nitrophenol	10.20	139	31649	20.327	ng/ul#	85
24) 2,4-Dimethylphenol	10.24	107	76898	19.457	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.49	93	77884	20.012	ng/ul#	90
27) 2,4-Dichlorophenol	10.74	162	54385	18.680	ng/ul	96
28) Naphthalene	11.15	128	171439	19.048	ng/ul	99
30) 4-Chloroaniline	11.25	127	64744	20.485	ng/ul#	87
31) Hexachlorobutadiene	11.43	225	55002	20.081	ng/ul	95
32) Caprolactam	11.98	113	21647m	20.399	ng/ul	96
33) 4-Chloro-3-methylphenol	12.33	107	70692	19.647	ng/ul	98
34) 2-Methylnaphthalene	12.74	142	134894	20.225	ng/ul	88

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	148656	18.963 ng/uL#	97
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	93008	19.073 ng/ul	98
38) Hexachlorocyclopentadiene	13.08	237	66895	19.714 ng/ul	97
39) 2,4,6-Trichlorophenol	13.32	196	58502	19.319 ng/ul	93
40) 2,4,5-Trichlorophenol	13.39	196	59495	18.923 ng/ul	98
41) 1,1'-Biphenyl	13.73	154	180388	18.740 ng/ul	93
42) 2-Chloronaphthalene	13.77	162	145224	19.032 ng/ul	97
43) 2-Nitroaniline	13.96	65	54692	19.707 ng/ul	91
45) Dimethylphthalate	14.33	163	209093	19.241 ng/ul	99
46) 2,6-Dinitrotoluene	14.44	165	39772	19.112 ng/ul#	90
48) Acenaphthylene	14.61	152	215479	18.830 ng/ul	97
49) 3-Nitroaniline	14.77	138	32662	20.100 ng/ul#	89
50) Acenaphthene	14.95	153	155688	19.396 ng/ul	98
51) 2,4-Dinitrophenol	14.97	184	18574	16.750 ng/ul#	90
53) 4-Nitrophenol	15.05	109	44067	18.726 ng/ul	91
54) Dibenzofuran	15.28	168	217440	18.443 ng/ul	94
55) 2,4-Dinitrotoluene	15.22	165	58212	19.716 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.49	232	58702	19.496 ng/ul#	97
57) Diethylphthalate	15.68	149	207449	19.459 ng/ul	99
59) Fluorene	15.92	166	185207	18.647 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.91	204	111243	18.646 ng/ul#	95
61) 4-Nitroaniline	15.92	138	37475	19.696 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.98	198	32565	17.852 ng/ul#	96
65) N-Nitrosodiphenylamine	16.12	169	168707	19.299 ng/ul	99
66) 4-Bromophenyl-phenylether	16.80	248	74804	19.228 ng/ul	96
67) Hexachlorobenzene	16.92	284	78635	19.322 ng/ul	95
68) Atrazine	17.05	200	76251	19.818 ng/ul	92
69) Pentachlorophenol	17.26	266	45352	19.052 ng/ul	94
70) Phenanthrene	17.66	178	321813	19.459 ng/ul	98
72) Anthracene	17.75	178	323241	19.408 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	97003	20.150 ng/uL	96
74) Pentachlorobenzene	15.19	250	92993	20.092 ng/uL	95
75) Carbazole	18.01	167	273964	20.392 ng/ul	97
76) Di-n-butylphthalate	18.56	149	338751	19.795 ng/ul	98
77) Fluoranthene	19.65	202	431620	20.665 ng/ul#	98
80) Pyrene	20.01	202	431140	20.312 ng/ul	98
81) Butylbenzylphthalate	20.88	149	145528	19.521 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.78	252	138895	19.855 ng/ul	99
83) Benzo(a)anthracene	21.88	228	421734	19.780 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.78	149	200073	19.254 ng/ul#	93
85) Chrysene	21.95	228	405058	19.964 ng/ul	98
87) Di-n-octyl phthalate	23.06	149	347953	20.001 ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	437638	19.734 ng/ul	96
89) Benzo(k)fluoranthene	24.28	252	423379m	19.372 ng/ul	97
91) Benzo(a)pyrene	25.14	252	385000	19.474 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.20	276	464614	19.320 ng/ul	95
93) Dibenzo(a,h)anthracene	29.27	278	381347	19.341 ng/ul	97
94) Benzo(g,h,i)perylene	30.42	276	384373	19.371 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