Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030544.D
Acq On : 23 Jun 2021 09:17
Operator : CG/JU
Sample : PB137214BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 23 10:07:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS214

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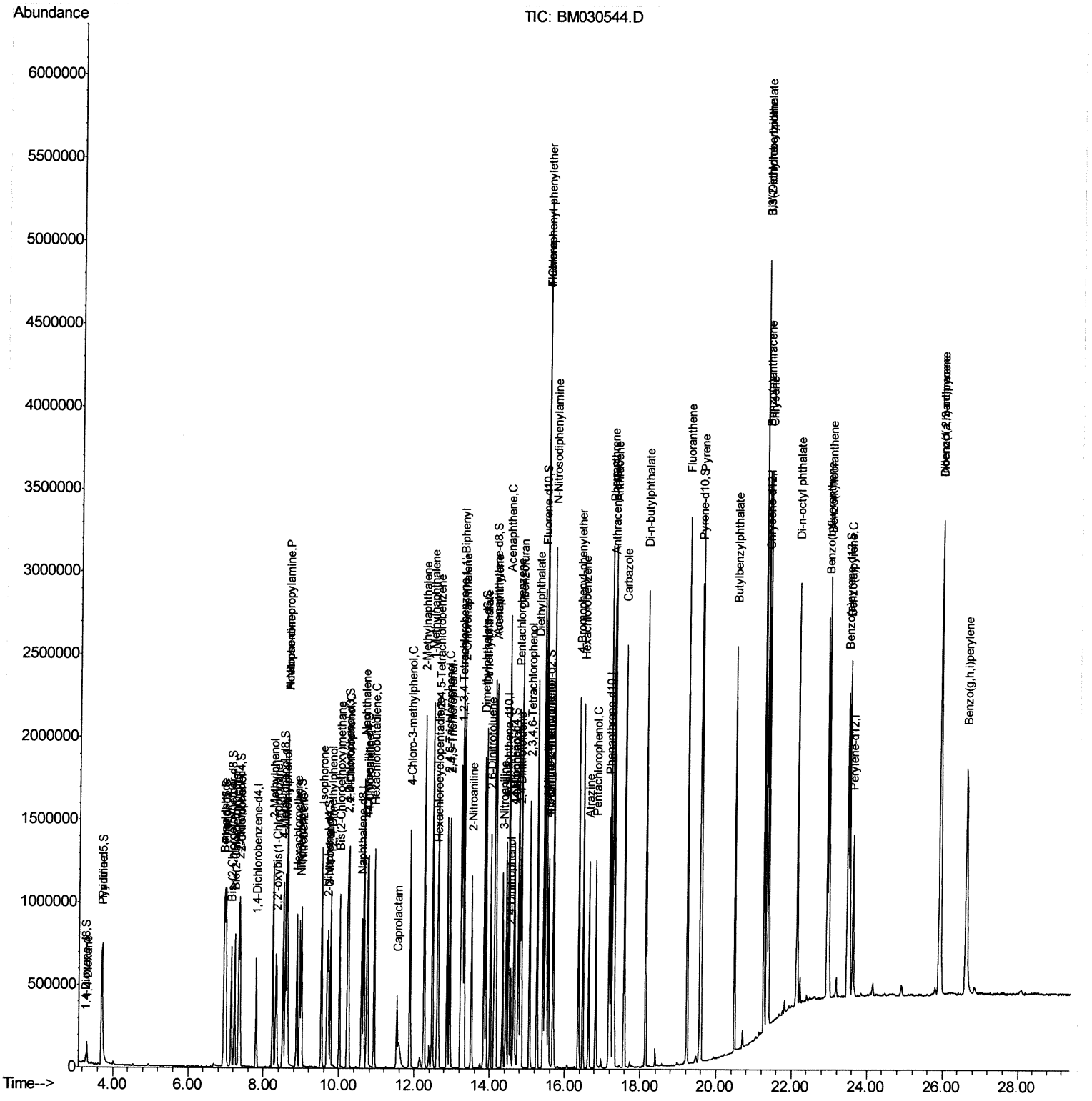

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Quant Time: Jun 23 09:57:24 2021
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Instrument :
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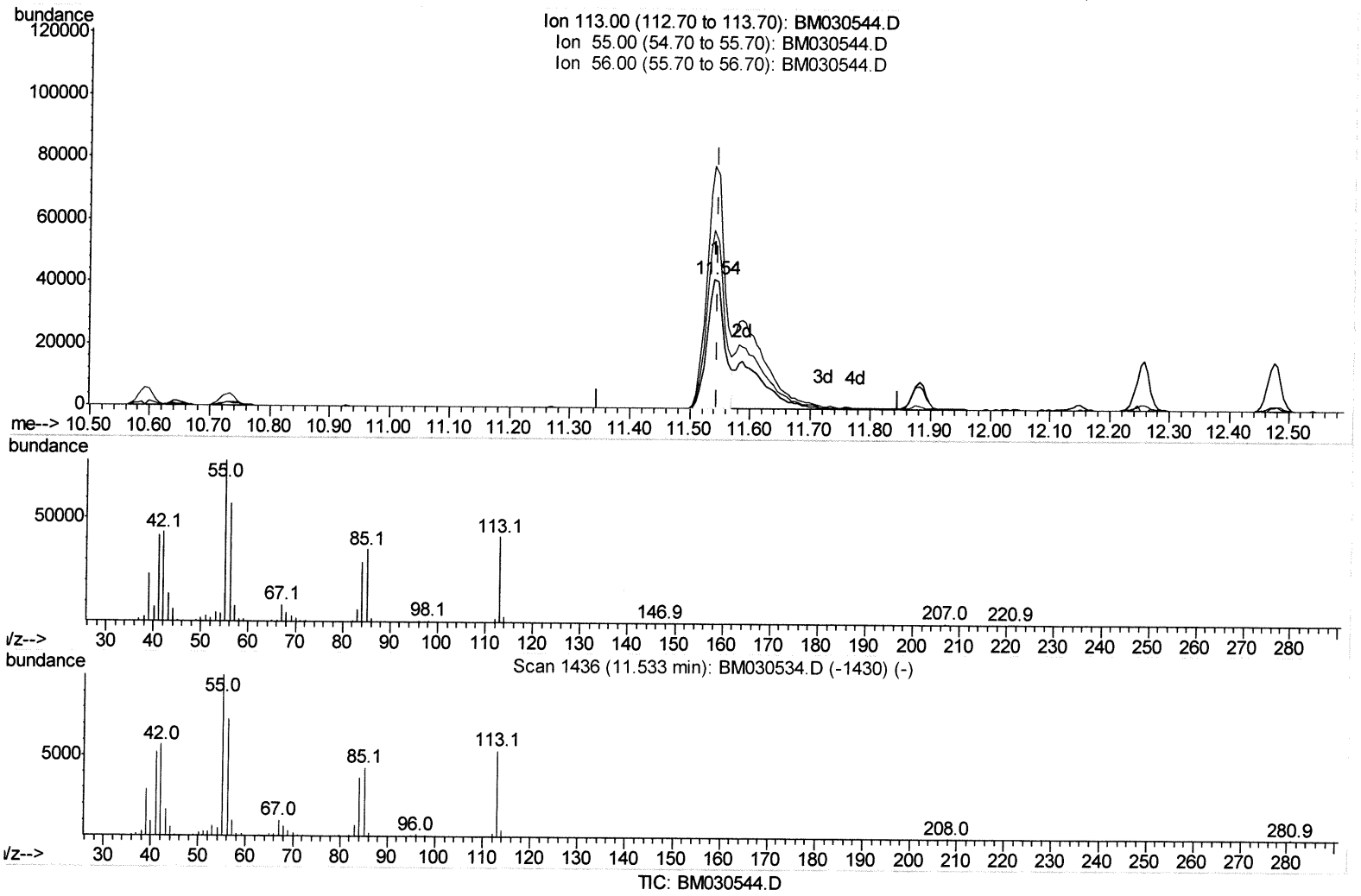

(34) Caprolactam

11.540min (-0.006) 25.87ng/ul

response 84275

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	187.38
56.00	127.40	137.87
0.00	0.00	0.00

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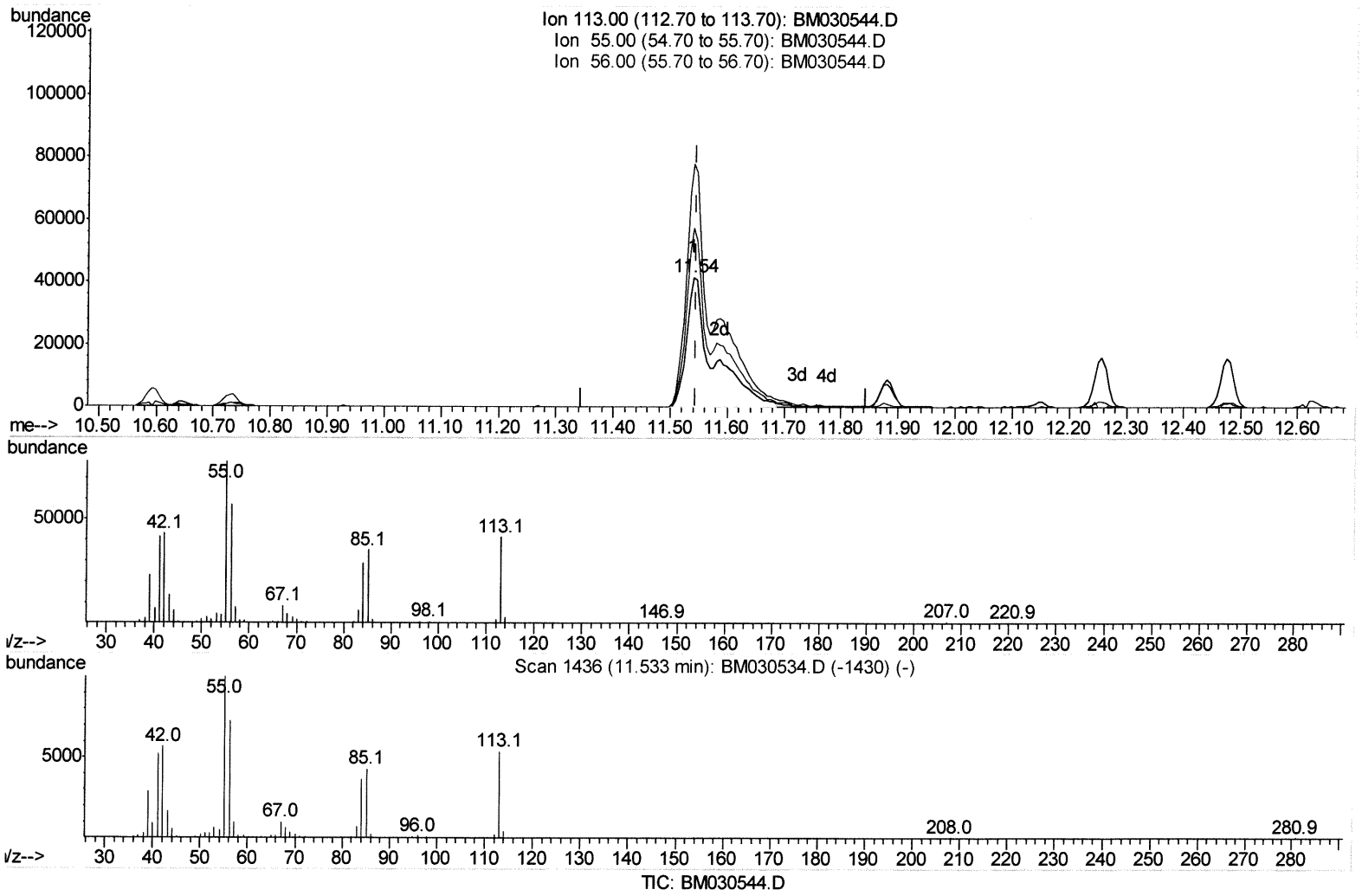

(34) Caprolactam

11.540min (-0.006) 42.13ng/ul m JU 6/23/21

response 137241

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	187.38
56.00	127.40	137.87
0.00	0.00	0.00

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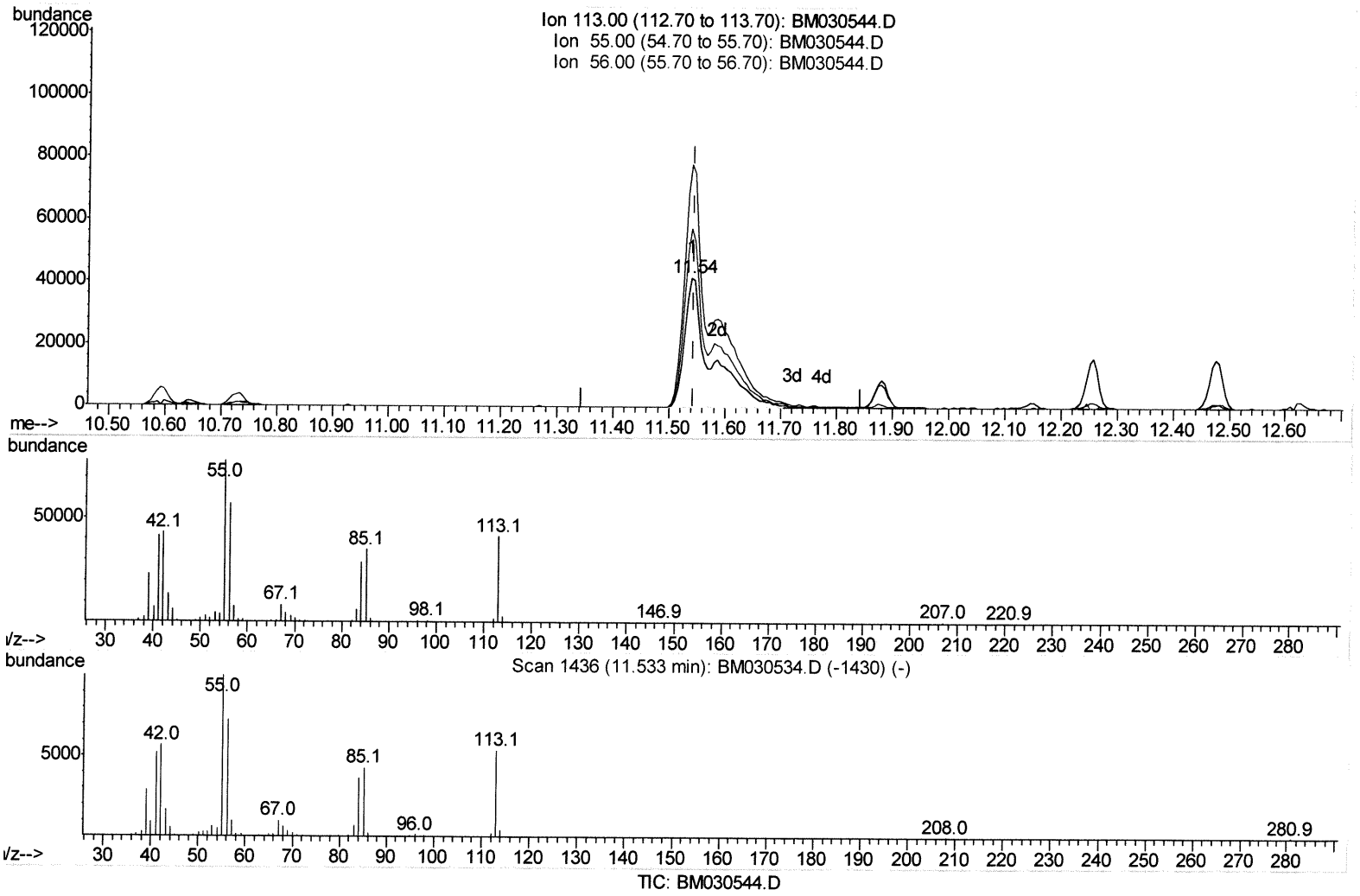

TIC: BM030544.D

(34) Caprolactam

11.540min (-0.006) 42.42ng/ul m JU 6/23/21

response 138166

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	187.38
56.00	127.40	137.87
0.00	0.00	0.00

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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 23 10:07:50 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	171866	20.00	ng/ul	0.00
20) Naphthalene-d8	10.59	136	737364	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	470417	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.17	188	879865	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	669646	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	642446	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	25882	6.11	ng/uL	0.00
4) Pyridine-d5	3.69	84	311016	27.31	ng/ul	0.00
7) Phenol-d5	6.98	99	524697	35.40	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	325319	34.92	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	423222	36.99	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	427097	37.03	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	207210	37.66	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	231415	37.85	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	455960	38.93	ng/ul	0.00
31) 4-Chloroaniline-d4	10.73	131	556477	34.07	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	1298520	39.98	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	1650465	39.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	212535	34.54	ng/ul	0.00
60) Fluorene-d10	15.43	176	1127472	39.14	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	189067	32.84	ng/ul	0.00
73) Anthracene-d10	17.27	188	1535215	37.39	ng/ul	0.00
81) Pyrene-d10	19.56	212	1461405	41.65	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	1380513	41.33	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	59729	13.248	ng/uL	95
5) Pyridine	3.71	79	350846	28.615	ng/ul	98
6) Benzaldehyde	6.95	77	309348	42.923	ng/ul	96
8) Phenol	7.00	94	536287	35.782	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.23	93	412312	34.905	ng/ul	96
12) 2-Chlorophenol	7.37	128	422223	36.621	ng/ul	99
13) 2-Methylphenol	8.25	108	395732	36.437	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.33	45	660925	35.298	ng/ul	99
16) Acetophenone	8.63	105	672999	37.782	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.62	70	353404	40.110	ng/ul	99
18) 4-Methylphenol	8.58	108	441231	37.306	ng/ul	97
19) Hexachloroethane	8.88	117	168291	34.836	ng/ul	95
22) Nitrobenzene	9.00	77	504450	36.342	ng/ul	100
23) Isophorone	9.53	82	951469	39.584	ng/ul	98
25) 2-Nitrophenol	9.71	139	247605	38.136	ng/ul	99
26) 2,4-Dimethylphenol	9.78	107	366667	27.941	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.01	93	587908	37.594	ng/ul	100
29) 2,4-Dichlorophenol	10.25	162	436630	38.908	ng/ul	100
30) Naphthalene	10.65	128	1351194	36.193	ng/ul	100
32) 4-Chloroaniline	10.76	127	548033	33.794	ng/ul	99
33) Hexachlorobutadiene	10.93	225	272156	35.867	ng/ul	99
34) Caprolactam	11.54	113	138166m	42.419	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.88	107	460864	41.825 ng/ul	98
36) 2-Methylnaphthalene	12.26	142	1007158	38.659 ng/ul	100
37) 1-Methylnaphthalene	12.47	142	982245	37.248 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	554971	37.814 ng/ul	98
40) Hexachlorocyclopentadiene	12.60	237	183038	19.112 ng/ul	99
41) 2,4,6-Trichlorophenol	12.87	196	359228	38.865 ng/ul	98
42) 2,4,5-Trichlorophenol	12.94	196	390649	39.601 ng/ul	99
43) 1,1'-Biphenyl	13.27	154	1326500	38.207 ng/ul	100
44) 2-Chloronaphthalene	13.31	162	1034890	37.915 ng/ul	100
45) 2-Nitroaniline	13.52	65	314212	42.835 ng/ul	98
47) Dimethylphthalate	13.89	163	1313335	41.267 ng/ul	100
48) 2,6-Dinitrotoluene	14.02	165	275162	44.874 ng/ul	95
50) Acenaphthylene	14.16	152	1536369	39.284 ng/ul	100
51) 3-Nitroaniline	14.35	138	274549	42.031 ng/ul	96
52) Acenaphthene	14.50	153	1122715	39.557 ng/ul	99
53) 2,4-Dinitrophenol	14.55	184	126892	31.479 ng/ul	96
55) 4-Nitrophenol	14.65	109	178329	36.224 ng/ul	97
56) Dibenzofuran	14.83	168	1561554	39.465 ng/ul	100
57) 2,4-Dinitrotoluene	14.80	165	373596	43.514 ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.06	232	309781	38.793 ng/ul	100
59) Diethylphthalate	15.26	149	1305010	42.686 ng/ul	99
61) Fluorene	15.49	166	1335503	40.955 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.48	204	673861	41.494 ng/ul	97
63) 4-Nitroaniline	15.51	138	279661	44.959 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.57	198	187651	33.497 ng/ul#	95
67) N-Nitrosodiphenylamine	15.69	169	1107514	42.234 ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	399068	44.450 ng/ul	98
69) Hexachlorobenzene	16.49	284	435873	41.973 ng/ul	99
70) Atrazine	16.64	200	216795	23.309 ng/ul	98
71) Pentachlorophenol	16.83	266	203376	31.253 ng/ul	98
72) Phenanthrene	17.22	178	1902474	40.264 ng/ul	100
74) Anthracene	17.31	178	1870696	38.722 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.23	216	557189	39.704 ng/uL	99
76) Pentachlorobenzene	14.76	250	526912	39.416 ng/uL	98
77) Carbazole	17.58	167	1593354	36.779 ng/ul	99
78) Di-n-butylphthalate	18.14	149	2019673	45.753 ng/ul	100
80) Fluoranthene	19.23	202	1888704	44.073 ng/ul	99
82) Pyrene	19.59	202	1918650	42.610 ng/ul	99
83) Butylbenzylphthalate	20.49	149	726362	49.005 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.26	252	504229	38.199 ng/ul	97
85) Benzo(a)anthracene	21.33	228	1660508	39.957 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.26	149	1032697	48.441 ng/ul	98
87) Chrysene	21.38	228	1582888	39.071 ng/ul	99
89) Di-n-octyl phthalate	22.14	149	1649831	44.642 ng/ul	100
90) Benzo(b)fluoranthene	22.93	252	1668172	40.899 ng/ul	99
91) Benzo(k)fluoranthene	22.97	252	1682486	42.922 ng/ul	99
93) Benzo(a)pyrene	23.52	252	1518365	41.400 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.92	276	2064076	44.705 ng/ul	98
95) Dibenzo(a,h)anthracene	25.93	278	1731627	45.242 ng/ul	99
96) Benzo(g,h,i)perylene	26.62	276	1702911	44.207 ng/ul	98

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

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