Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047489.D
Acq On : 1 Dec 2020 7:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 10:06:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02066

Manual Integrations APPROVED
mohammad
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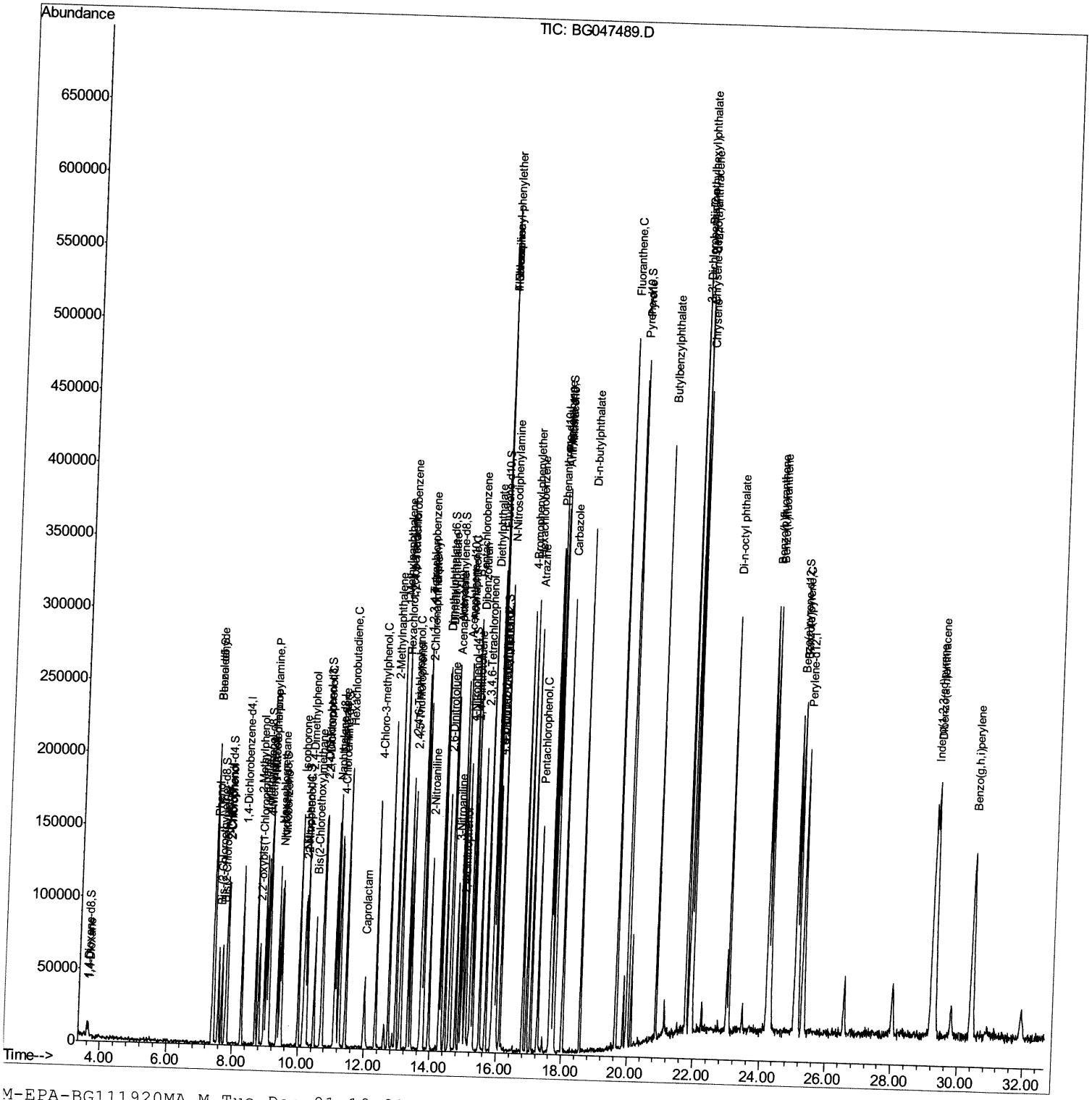

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Acq On : 1 Dec 2020 7:38
Operator : CG/JU
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Quant Time: Dec 01 09:59:10 2020
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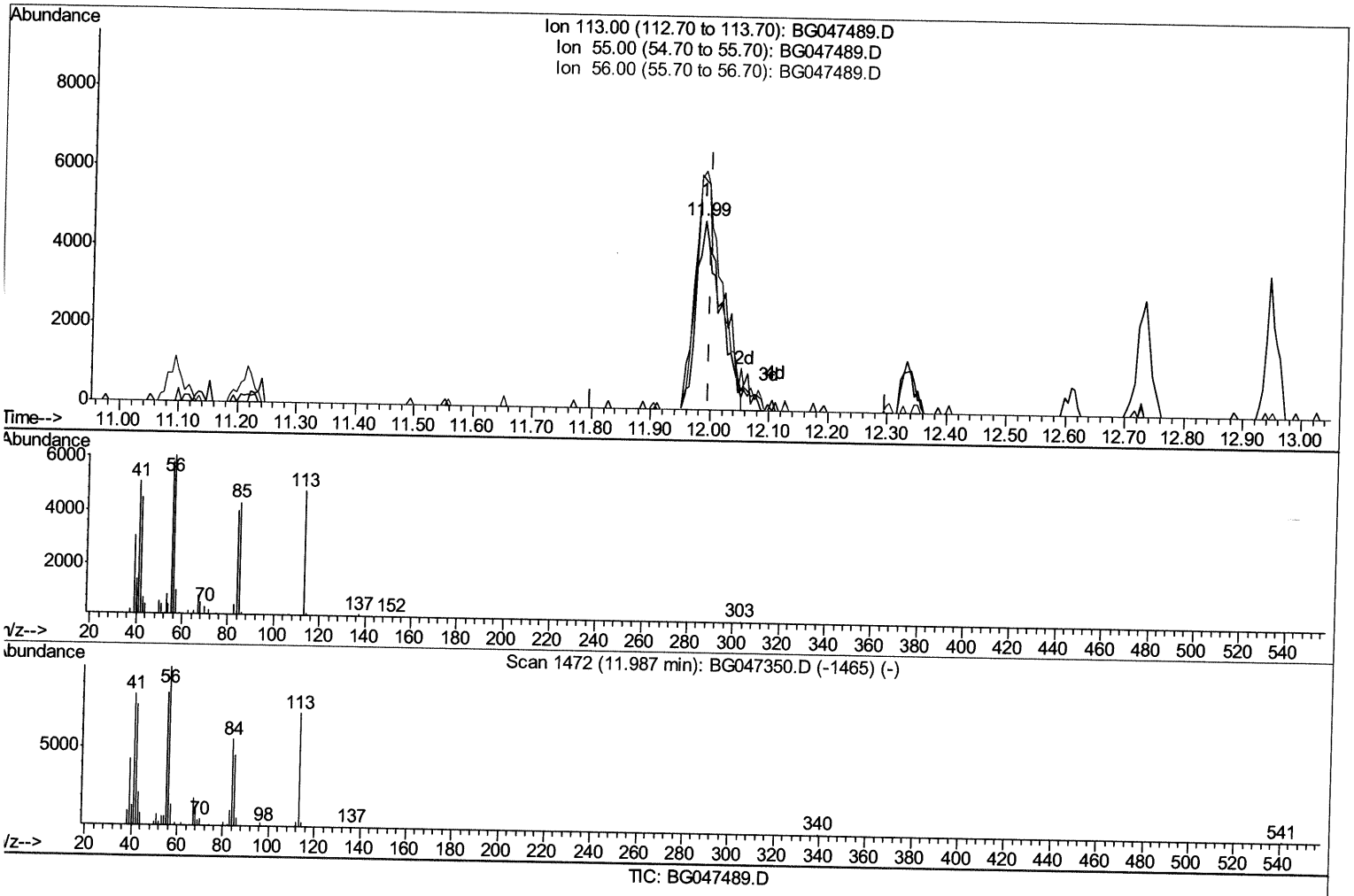

(32) Caprolactam

11.987min (-0.011) 17.12ng/ul

response 13637

Ion	Exp%	Act%
113.00	100	100
55.00	145.50	121.20
56.00	135.80	126.14
0.00	0.00	0.00

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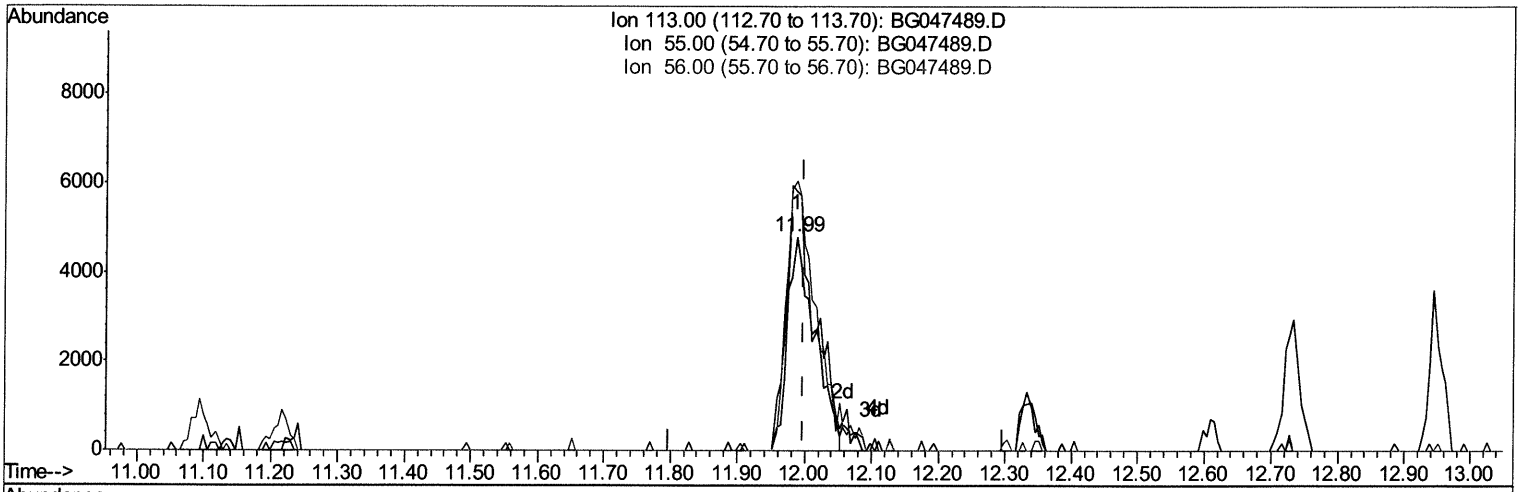

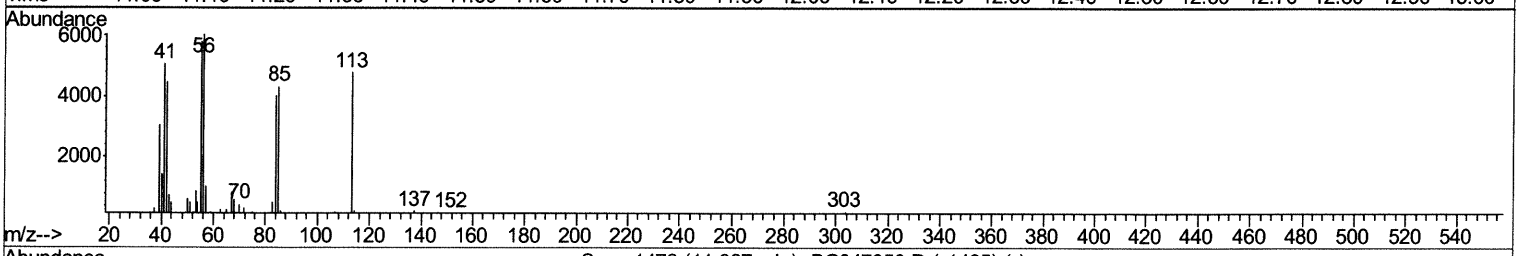

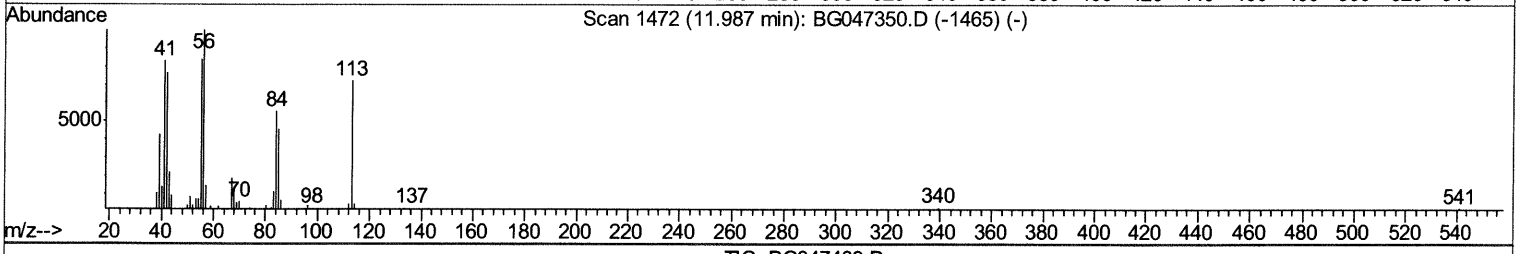

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55.00	145.50	121.20
56.00	135.80	126.14
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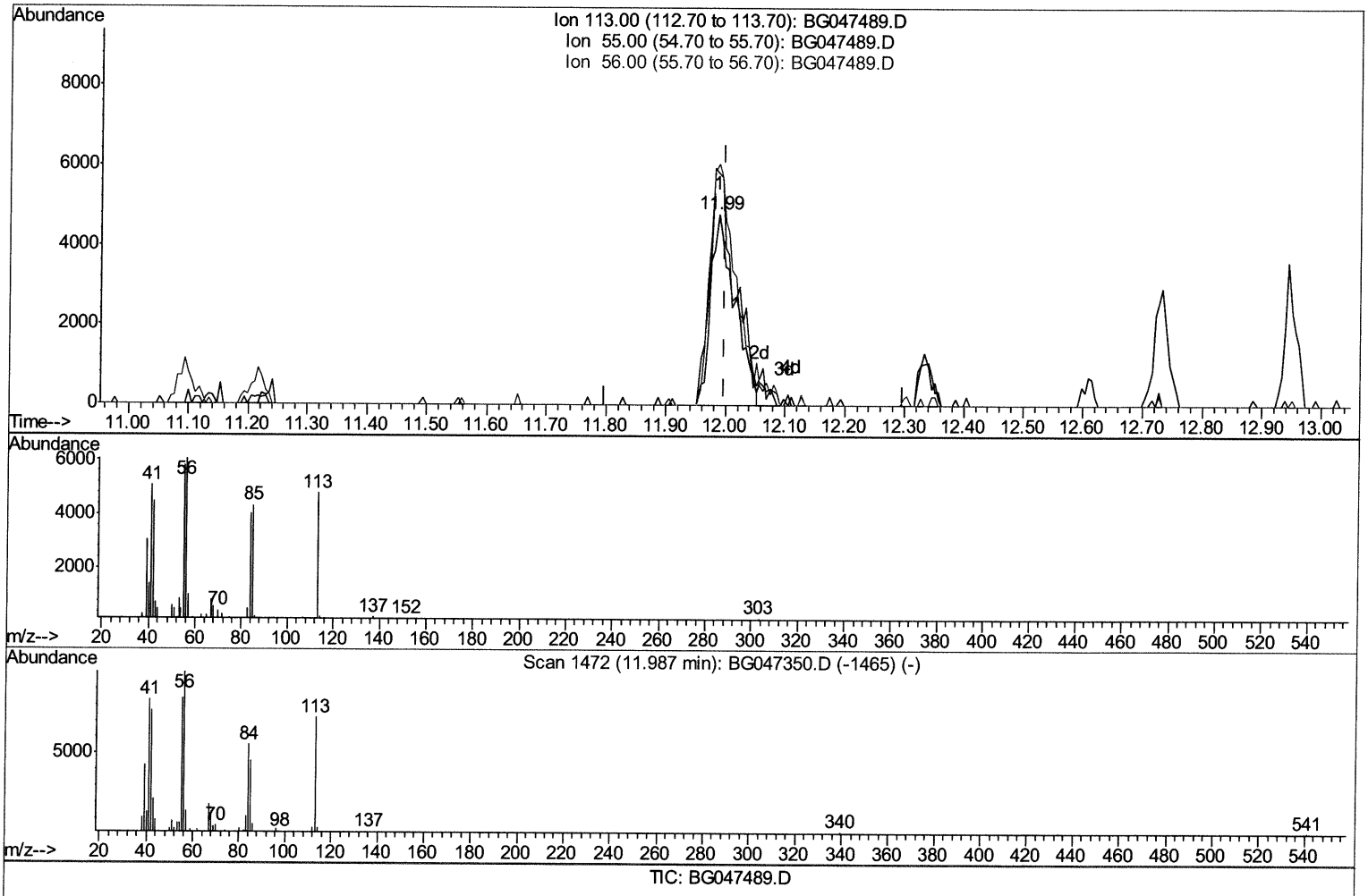

TIC: BG047489.D

(32) Caprolactam

11.987min (-0.011) 17.12ng/ul

response 13637

Ion	Exp%	Act%
113.00	100	100
55.00	145.50	121.20
56.00	135.80	126.14
0.00	0.00	0.00

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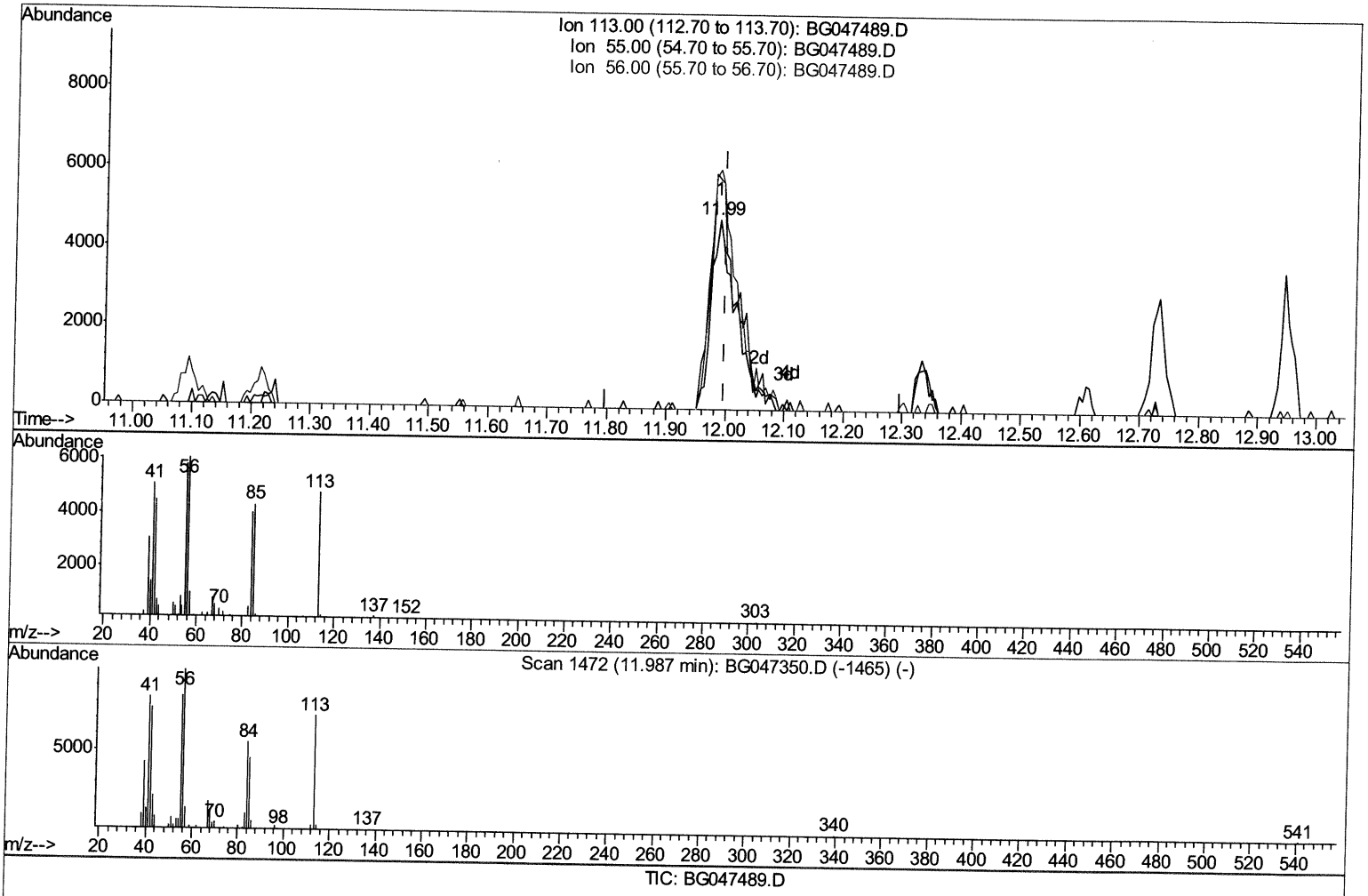

TIC: BG047489.D

(32) Caprolactam

11.987min (-0.011) 18.03ng/ul m 12/04/20 JU

response 14362

Ion	Exp%	Act%
113.00	100	100
55.00	145.50	121.20
56.00	135.80	126.14
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : CG/JU
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Quant Time: Dec 01 10:06:47 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	31194	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	119301	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.88	164	91684	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	228996	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	229655	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	245255	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	4599	5.36	ng/uL	-0.01
5) Phenol-d5	7.40	99	51999	16.62	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.58	67	29217	16.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	39368	18.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	40932	17.03	ng/ul	-0.01
19) Nitrobenzene-d5	9.43	128	17730	17.99	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	22890	21.29	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.70	165	46305	18.81	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.22	131	51726	20.78	ng/ul	-0.01
44) Dimethylphthalate-d6	14.27	166	146207	18.58	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	172750	18.99	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	20252	16.86	ng/ul	0.00
58) Fluorene-d10	15.86	176	137874	19.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	26472	20.31	ng/ul	-0.01
71) Anthracene-d10	17.72	188	222168	19.56	ng/ul	0.00
79) Pyrene-d10	19.98	212	258238	19.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	277334	19.65	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	6114	6.905	ng/uL#	72
4) Benzaldehyde	7.39	77	34576	18.712	ng/ul	86
6) Phenol	7.43	94	49526	16.524	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.67	93	34384	15.541	ng/ul	91
10) 2-Chlorophenol	7.83	128	38072	17.980	ng/ul#	89
11) 2-Methylphenol	8.69	108	38847	16.684	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.78	45	34298	14.739	ng/ul	95
14) Acetophenone	9.09	105	66003	17.826	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.07	70	36607	16.387	ng/ul	95
16) 4-Methylphenol	9.02	108	42651	17.454	ng/ul	92
17) Hexachloroethane	9.37	117	18103	18.193	ng/ul	95
20) Nitrobenzene	9.48	77	58721	18.424	ng/ul#	96
21) Isophorone	10.00	82	102816	16.926	ng/ul#	94
23) 2-Nitrophenol	10.19	139	24381	20.858	ng/ul	98
24) 2,4-Dimethylphenol	10.24	107	55315	18.643	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.48	93	46847	16.034	ng/ul	95
27) 2,4-Dichlorophenol	10.73	162	43998	20.130	ng/ul	95
28) Naphthalene	11.15	128	130489	19.311	ng/ul	97
30) 4-Chloroaniline	11.24	127	49951	21.052	ng/ul#	84
31) Hexachlorobutadiene	11.43	225	43334	21.074	ng/ul	99
32) Caprolactam	11.99	113	14362m >	18.028	ng/ul >	12/04/2020 JJ
33) 4-Chloro-3-methylphenol	12.33	107	49680	18.392	ng/ul	92
34) 2-Methylnaphthalene	12.73	142	97426	19.457	ng/ul	98

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Manual Integrations APPROVED
mohammad
12/2/2020 2:25:36 PM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.94	142	113708	19.320	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	72349	20.081	ng/ul	92
38) Hexachlorocyclopentadiene	13.07	237	47031	18.760	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.32	196	43199	19.309	ng/ul	83
40) 2,4,5-Trichlorophenol	13.39	196	43681	18.805	ng/ul	98
41) 1,1'-Biphenyl	13.72	154	133555	18.779	ng/ul	92
42) 2-Chloronaphthalene	13.77	162	106196	18.838	ng/ul	96
43) 2-Nitroaniline	13.96	65	35591	17.358	ng/ul	95
45) Dimethylphthalate	14.32	163	146500	18.248	ng/ul	100
46) 2,6-Dinitrotoluene	14.44	165	28117	18.288	ng/ul	98
48) Acenaphthylene	14.61	152	158122	18.703	ng/ul	96
49) 3-Nitroaniline	14.77	138	23215	19.337	ng/ul#	94
50) Acenaphthene	14.94	153	111960	18.880	ng/ul	96
51) 2,4-Dinitrophenol	14.97	184	12019	14.671	ng/ul#	78
53) 4-Nitrophenol	15.05	109	34841	20.040	ng/ul	90
54) Dibenzofuran	15.28	168	164437	18.879	ng/ul	98
55) 2,4-Dinitrotoluene	15.22	165	43052	19.737	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.49	232	45758	20.570	ng/ul#	96
57) Diethylphthalate	15.67	149	143335	18.199	ng/ul	95
59) Fluorene	15.92	166	142233	19.383	ng/ul	92
60) 4-Chlorophenyl-phenylether	15.91	204	88223	20.015	ng/ul	96
61) 4-Nitroaniline	15.92	138	25019	17.799	ng/ul	85
64) 4,6-Dinitro-2-methylphenol	15.98	198	27326	20.033	ng/ul	91
65) N-Nitrosodiphenylamine	16.12	169	124827	19.097	ng/ul	92
66) 4-Bromophenyl-phenylether	16.80	248	58692	20.176	ng/ul	95
67) Hexachlorobenzene	16.92	284	61627	20.251	ng/ul	97
68) Atrazine	17.05	200	58567	20.357	ng/ul	95
69) Pentachlorophenol	17.26	266	26820	15.068	ng/ul	94
70) Phenanthrene	17.66	178	244431	19.766	ng/ul	96
72) Anthracene	17.75	178	246472	19.791	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	75766	21.048	ng/uL	96
74) Pentachlorobenzene	15.19	250	71596	20.687	ng/uL	92
75) Carbazole	18.01	167	194796	19.390	ng/ul	98
76) Di-n-butylphthalate	18.56	149	243533	19.032	ng/ul	99
77) Fluoranthene	19.65	202	324556	20.781	ng/ul#	98
80) Pyrene	20.01	202	316423	19.451	ng/ul	98
81) Butylbenzylphthalate	20.88	149	101192	17.711	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.78	252	109551	20.434	ng/ul	93
83) Benzo(a)anthracene	21.88	228	314041	19.219	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.76	149	147134	18.475	ng/ul	96
85) Chrysene	21.95	228	297662	19.142	ng/ul	98
87) Di-n-octyl phthalate	23.04	149	254914	18.766	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	330118	19.064	ng/ul	96
89) Benzo(k)fluoranthene	24.28	252	325034	19.047	ng/ul	94
91) Benzo(a)pyrene	25.14	252	303948	19.690	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.21	276	370412	19.727	ng/ul	98
93) Dibenzo(a,h)anthracene	29.28	278	300807	19.539	ng/ul	96
94) Benzo(g,h,i)perylene	30.43	276	303862	19.612	ng/ul#	97

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

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