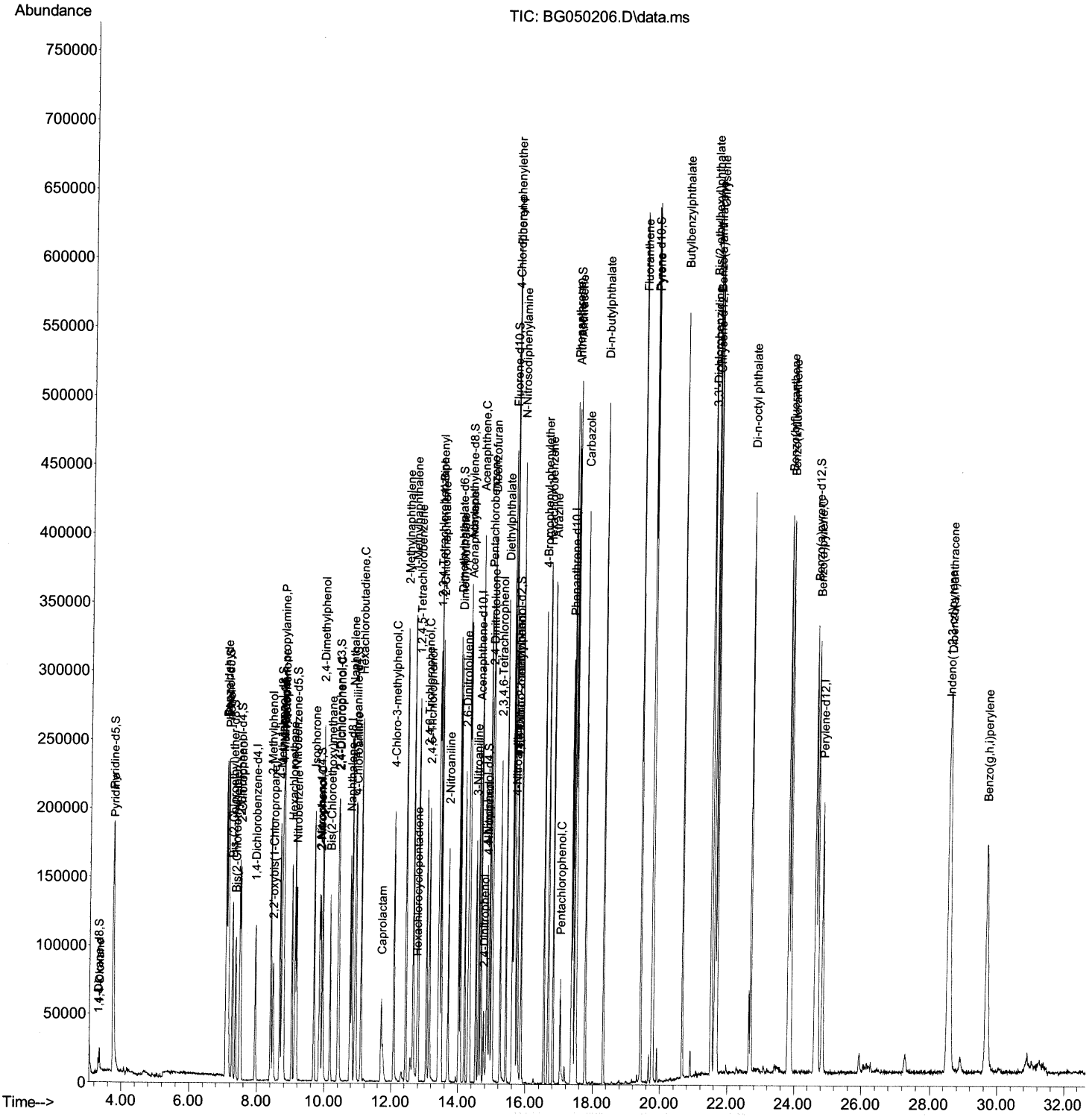
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050206.D
Acq On : 8 Sep 2021 20:04
Operator : CG/JU
Sample : PB138916BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 09 00:56:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS916

Manual Integrations APPROVED
mohammad
9/9/2021 11:46:20 AM



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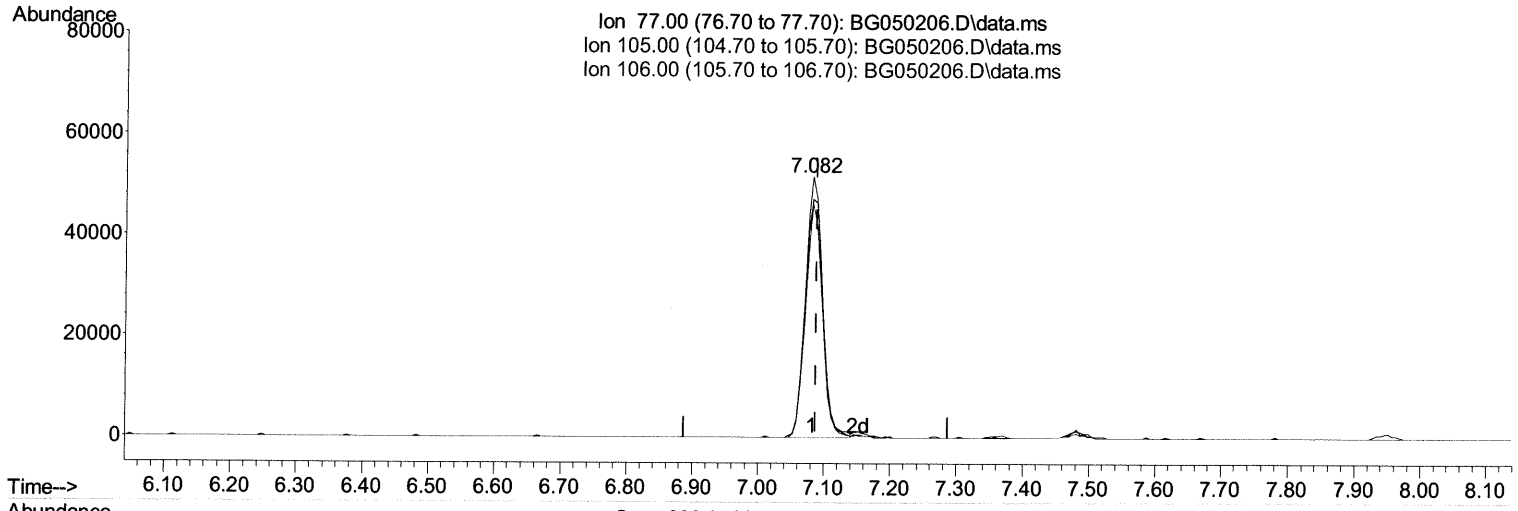

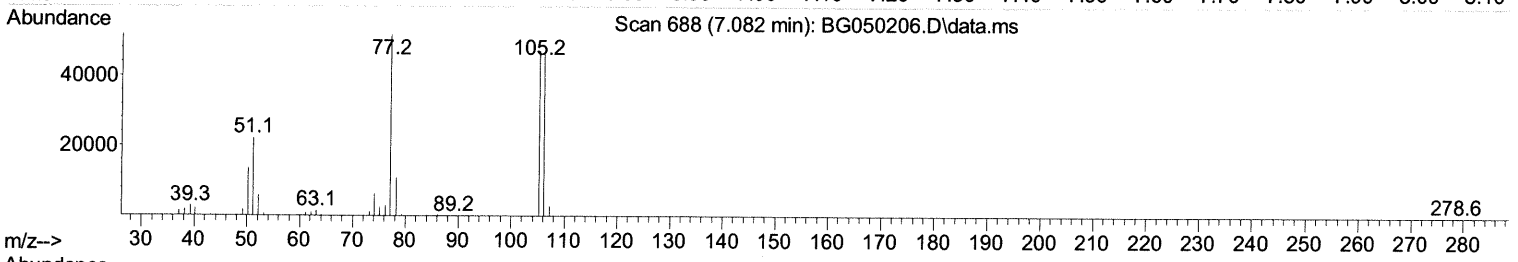

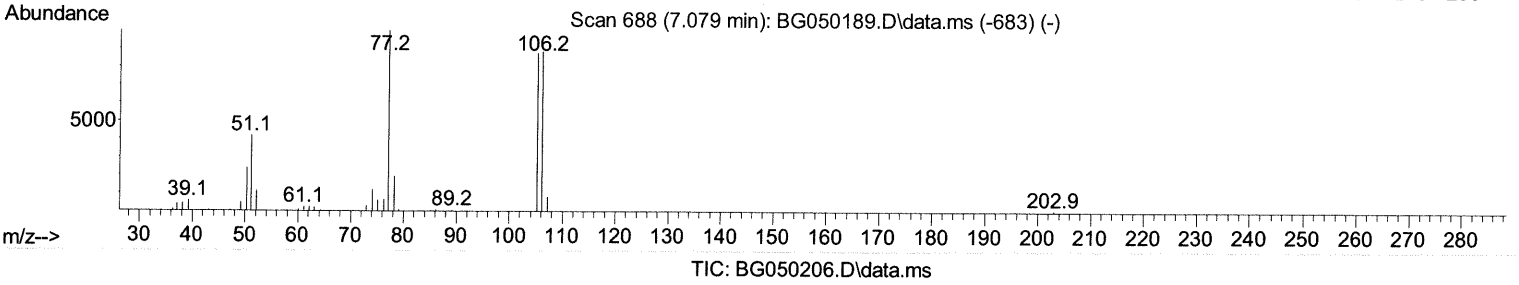

TIC: BG050206.D\data.ms

(6) Benzaldehyde

7.082min (-0.005) 62.14 ng/ul

response 92582

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.40	91.39
106.00	90.40	89.73
0.00	0.00	0.00

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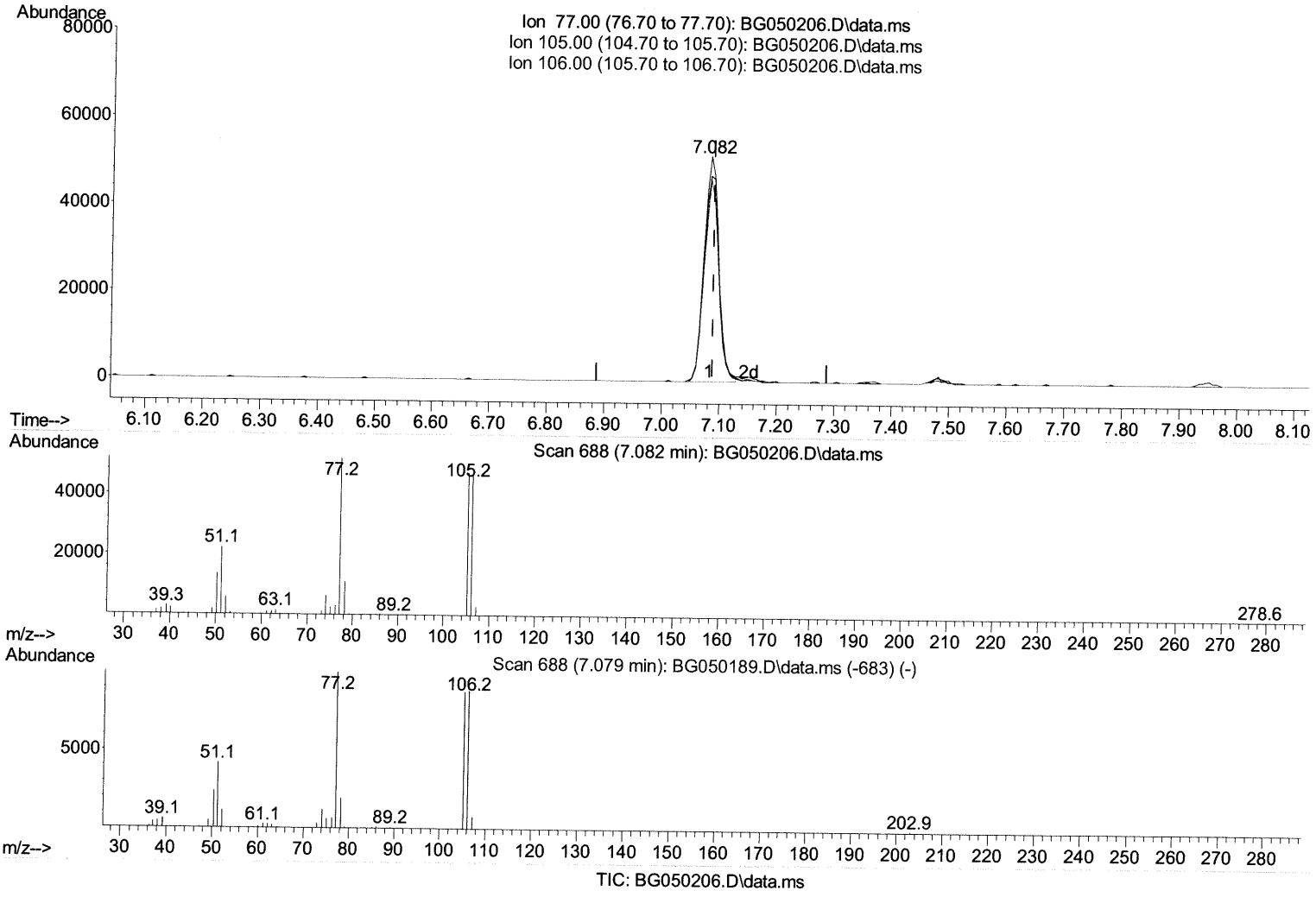

TIC: BG050206.D\data.ms

(6) Benzaldehyde

7.082min (-0.005) 61.69 ng/ul m 09/10/21 JU

response 91910

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.40	91.39
106.00	90.40	89.73
0.00	0.00	0.00

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BNA_G
ClientSampleId :
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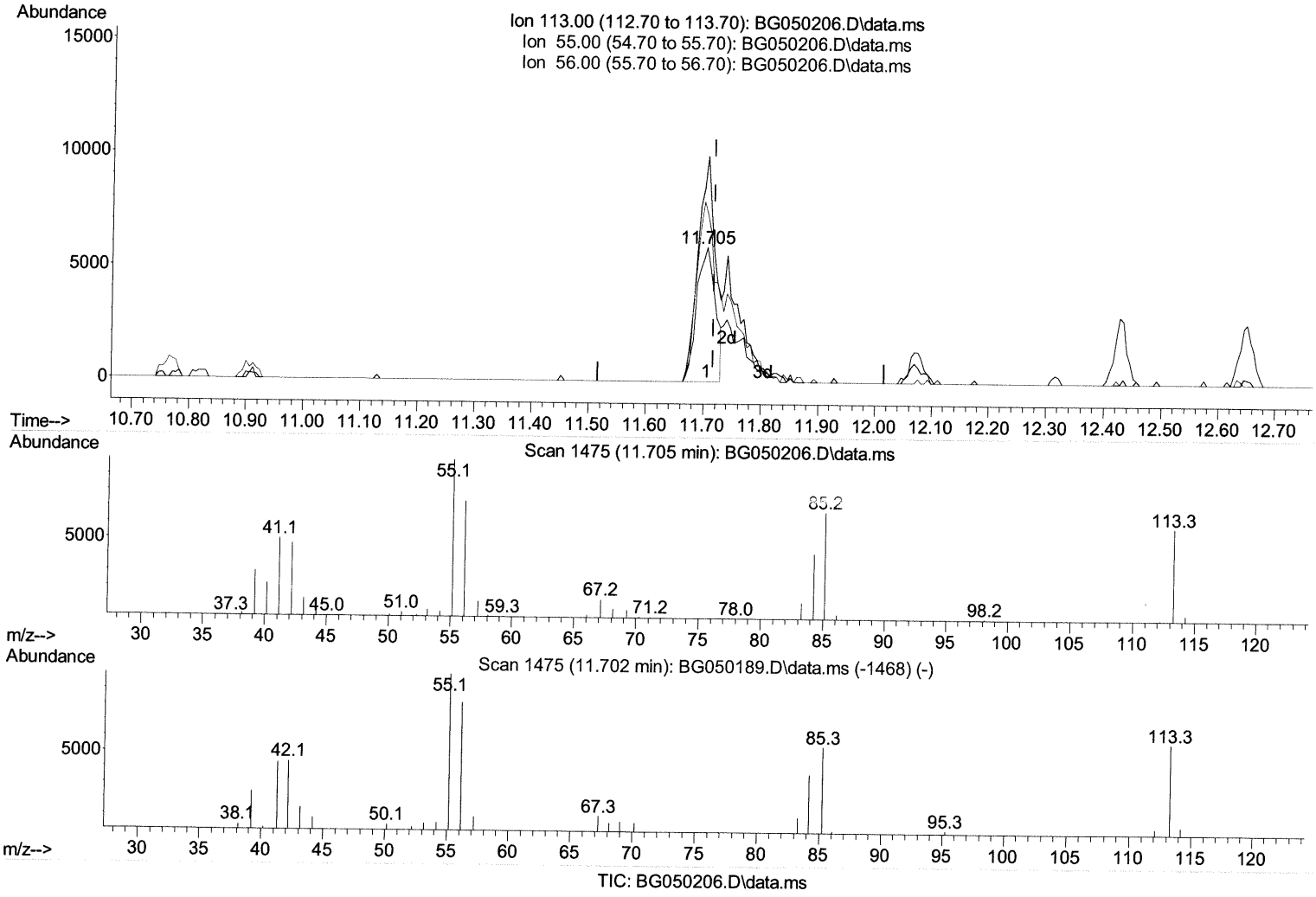

TIC: BG050206.D\data.ms

(34) Caprolactam

11.705min (-0.011) 21.59 ng/ul

response 13224

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	168.02
56.00	134.20	125.01
0.00	0.00	0.00

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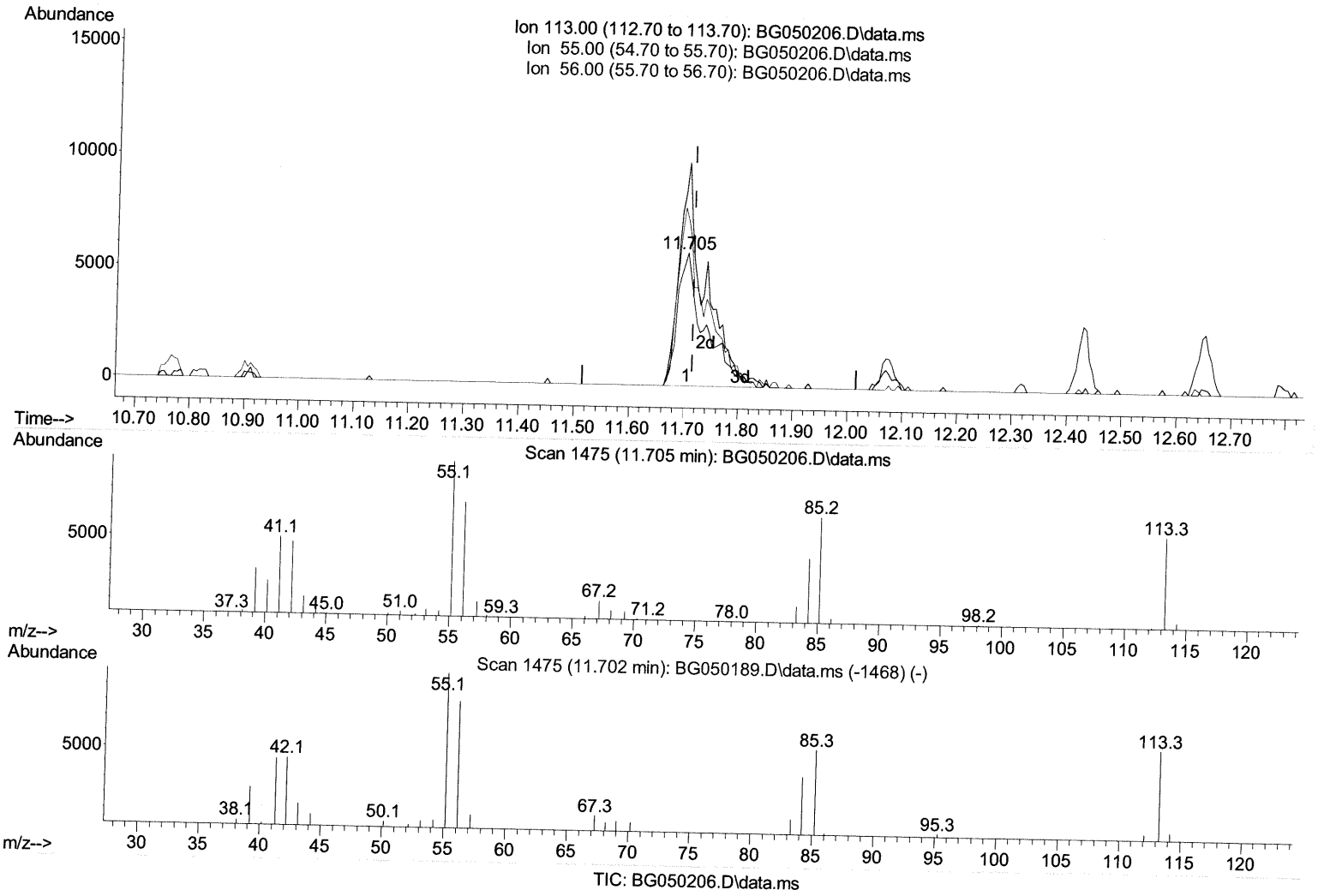

(34) Caprolactam

11.705min (-0.011) 33.30 ng/ul m 09/10/21 JU

response 20399

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	168.02
56.00	134.20	125.01
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	34616	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.765	136	138192	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.607	164	89614	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	196330	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	202045	20.000	ng/ul	0.00
88) Perylene-d12	24.846	264	205669	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	6258	8.937	ng/uL	0.00
4) Pyridine-d5	3.733	84	98439	39.606	ng/ul	0.00
7) Phenol-d5	7.123	99	130336	48.494	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	61765	39.349	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.481	132	71090	31.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	71603	33.883	ng/ul	0.00
21) Nitrobenzene-d5	9.120	128	43193	45.537	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	40682	35.272	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.395	165	74903	34.026	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.912	131	90090	33.218	ng/ul	0.00
46) Dimethylphthalate-d6	14.013	166	220795	32.630	ng/ul	0.00
49) Acenaphthylene-d8	14.307	160	270376	33.558	ng/ul	0.00
54) 4-Nitrophenol-d4	14.842	143	27212	33.329	ng/ul	-0.01
60) Fluorene-d10	15.605	176	186831	33.253	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.746	200	38854	32.808	ng/ul	0.00
73) Anthracene-d10	17.462	188	290641	32.976	ng/ul	0.00
81) Pyrene-d10	19.753	212	358738	35.646	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.629	264	354921	32.599	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	13287	16.664	ng/uL#	96
5) Pyridine	3.757	79	97091	37.165	ng/ul#	87
6) Benzaldehyde	7.082	77	91910m	> 61.689	ng/ul	> 09/10/21 JU
8) Phenol	7.146	94	118368	44.723	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.364	93	62803	32.004	ng/ul	98
12) 2-Chlorophenol	7.511	128	67232	30.932	ng/ul#	85
13) 2-Methylphenol	8.403	108	66762	31.340	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.474	45	61065	30.834	ng/ul	98
16) Acetophenone	8.779	105	111457	35.848	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.756	70	54464	32.850	ng/ul	93
18) 4-Methylphenol	8.738	108	70580	34.883	ng/ul	84
19) Hexachloroethane	9.032	117	31867	35.148	ng/ul	98
22) Nitrobenzene	9.161	77	89681	36.304	ng/ul	98
23) Isophorone	9.684	82	150454	31.895	ng/ul	96
25) 2-Nitrophenol	9.878	139	39431	34.654	ng/ul#	87
26) 2,4-Dimethylphenol	9.943	107	99150	36.618	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.166	93	81925	28.631	ng/ul	97
29) 2,4-Dichlorophenol	10.424	162	67707	33.627	ng/ul	99
30) Naphthalene	10.818	128	213796	33.686	ng/ul	98
32) 4-Chloroaniline	10.935	127	86075	33.692	ng/ul	88
33) Hexachlorobutadiene	11.094	225	61329	38.427	ng/ul	93
34) Caprolactam	11.705	113	20399m	> 33.301	ng/ul	> 09/10/21 JU
35) 4-Chloro-3-methylphenol	12.075	107	73884	32.558	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.427	142	157620	33.583	ng/ul	92
37) 1-Methylnaphthalene	12.651	142	151543	33.627	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.797	216	88066	29.055	ng/ul#	96
40) Hexachlorocyclopentadiene	12.774	237	12899	15.695	ng/ul	88
41) 2,4,6-Trichlorophenol	13.050	196	53897	31.495	ng/ul	88
42) 2,4,5-Trichlorophenol	13.132	196	54146	30.256	ng/ul	98
43) 1,1'-Biphenyl	13.438	154	200264	30.955	ng/ul	98
44) 2-Chloronaphthalene	13.485	162	158126	31.080	ng/ul	97
45) 2-Nitroaniline	13.696	65	51440	31.937	ng/ul	97
47) Dimethylphthalate	14.055	163	204960	31.735	ng/ul	99
48) 2,6-Dinitrotoluene	14.190	165	44517	32.373	ng/ul#	86
50) Acenaphthylene	14.331	152	235833	31.319	ng/ul	98
51) 3-Nitroaniline	14.525	138	43090	34.419	ng/ul	97
52) Acenaphthene	14.671	153	170049	31.693	ng/ul	96
53) 2,4-Dinitrophenol	14.754	184	13952	24.773	ng/ul#	81
55) 4-Nitrophenol	14.859	109	29764	32.757	ng/ul	95
56) Dibenzofuran	15.006	168	231061	31.301	ng/ul	95
57) 2,4-Dinitrotoluene	14.989	165	62512	31.812	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.247	232	51893	38.285	ng/ul	95
59) Diethylphthalate	15.423	149	212307	32.524	ng/ul	97
61) Fluorene	15.658	166	197808	31.961	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.647	204	103634	31.449	ng/ul	98
63) 4-Nitroaniline	15.694	138	45020	38.611	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.758	198	32698	31.088	ng/ul#	99
67) N-Nitrosodiphenylamine	15.864	169	168191	31.682	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	76058	32.691	ng/ul	94
69) Hexachlorobenzene	16.675	284	83651	31.712	ng/ul	94
70) Atrazine	16.816	200	74893	33.646	ng/ul	97
71) Pentachlorophenol	17.027	266	17400	24.081	ng/ul	96
72) Phenanthrene	17.409	178	321573	32.115	ng/ul	99
74) Anthracene	17.497	178	320403	31.556	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.408	216	94153	30.945	ng/uL	90
76) Pentachlorobenzene	14.930	250	93027	29.612	ng/uL	100
77) Carbazole	17.773	167	286481	32.004	ng/ul	99
78) Di-n-butylphthalate	18.314	149	358831	33.148	ng/ul	99
80) Fluoranthene	19.418	202	417278	33.360	ng/ul	97
82) Pyrene	19.782	202	407670	33.229	ng/ul	99
83) Butylbenzylphthalate	20.657	149	158957	33.878	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.527	252	149967	34.411	ng/ul	95
85) Benzo(a)anthracene	21.615	228	397816	32.161	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.503	149	221108	31.554	ng/ul	100
87) Chrysene	21.680	228	378550	32.830	ng/ul	96
89) Di-n-octyl phthalate	22.702	149	377937	31.751	ng/ul	100
90) Benzo(b)fluoranthene	23.824	252	425585	33.065	ng/ul#	99
91) Benzo(k)fluoranthene	23.894	252	396104	32.239	ng/ul	98
93) Benzo(a)pyrene	24.699	252	364576	32.399	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.535	276	470070	31.881	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.582	278	387625	31.691	ng/ul	98
96) Benzo(g,h,i)perylene	29.675	276	375105	31.753	ng/ul	97

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