Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015981.D
Acq On : 19 Aug 2021 21:42
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 04:30:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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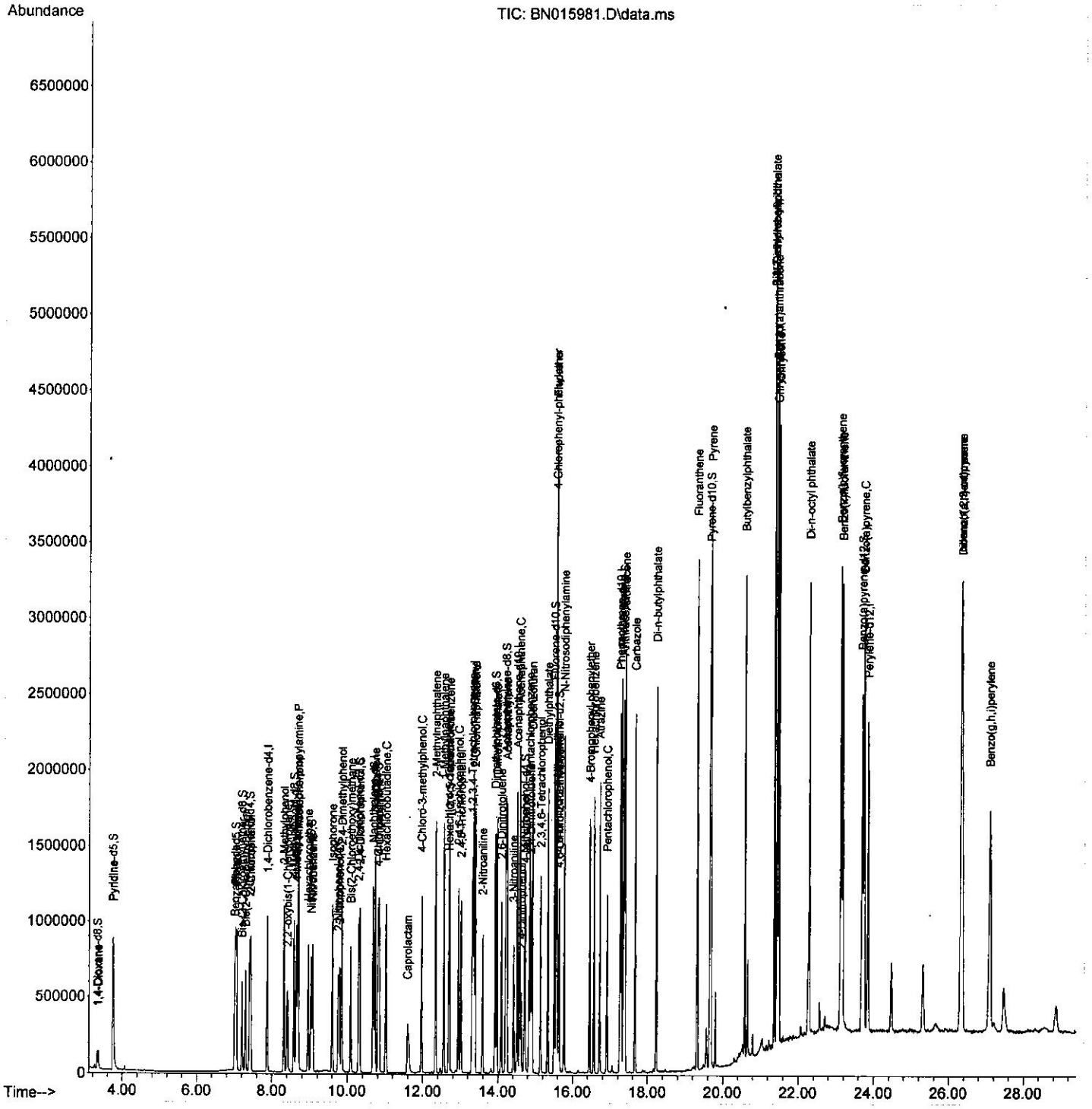

Quantitation Report (Qedit)

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Data File : BN015981.D
Acq On : 19 Aug 2021 21:42
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
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Quant Time: Sep 02 05:58:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 23 10:52:20 2021
Response via : Initial Calibration

Instrument :
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LabSampleId :
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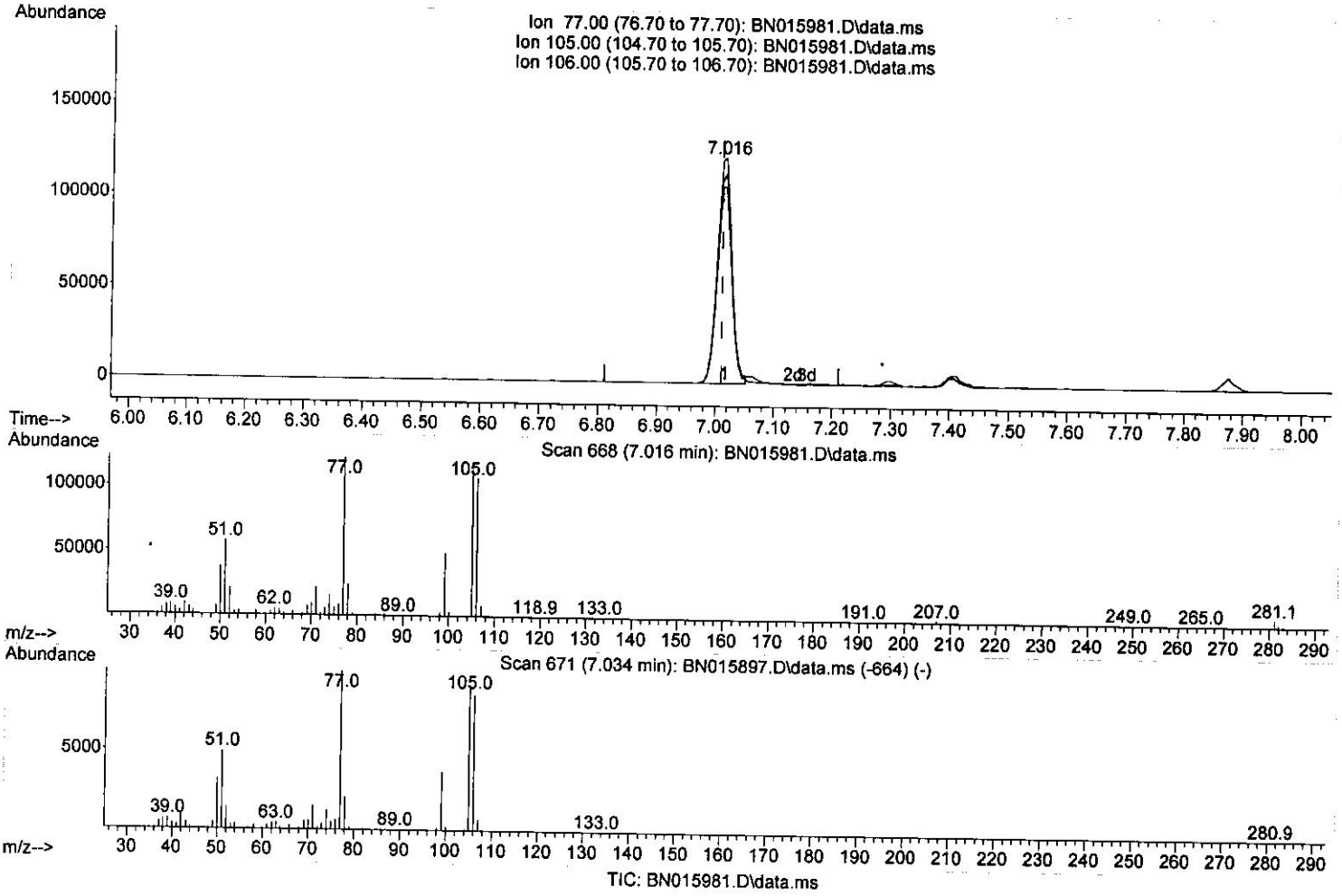

(6) Benzaldehyde

7.016min (+ 0.006) 16.61 ng/ul

response 209979

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	92.95
106.00	87.90	87.41
0.00	0.00	0.00

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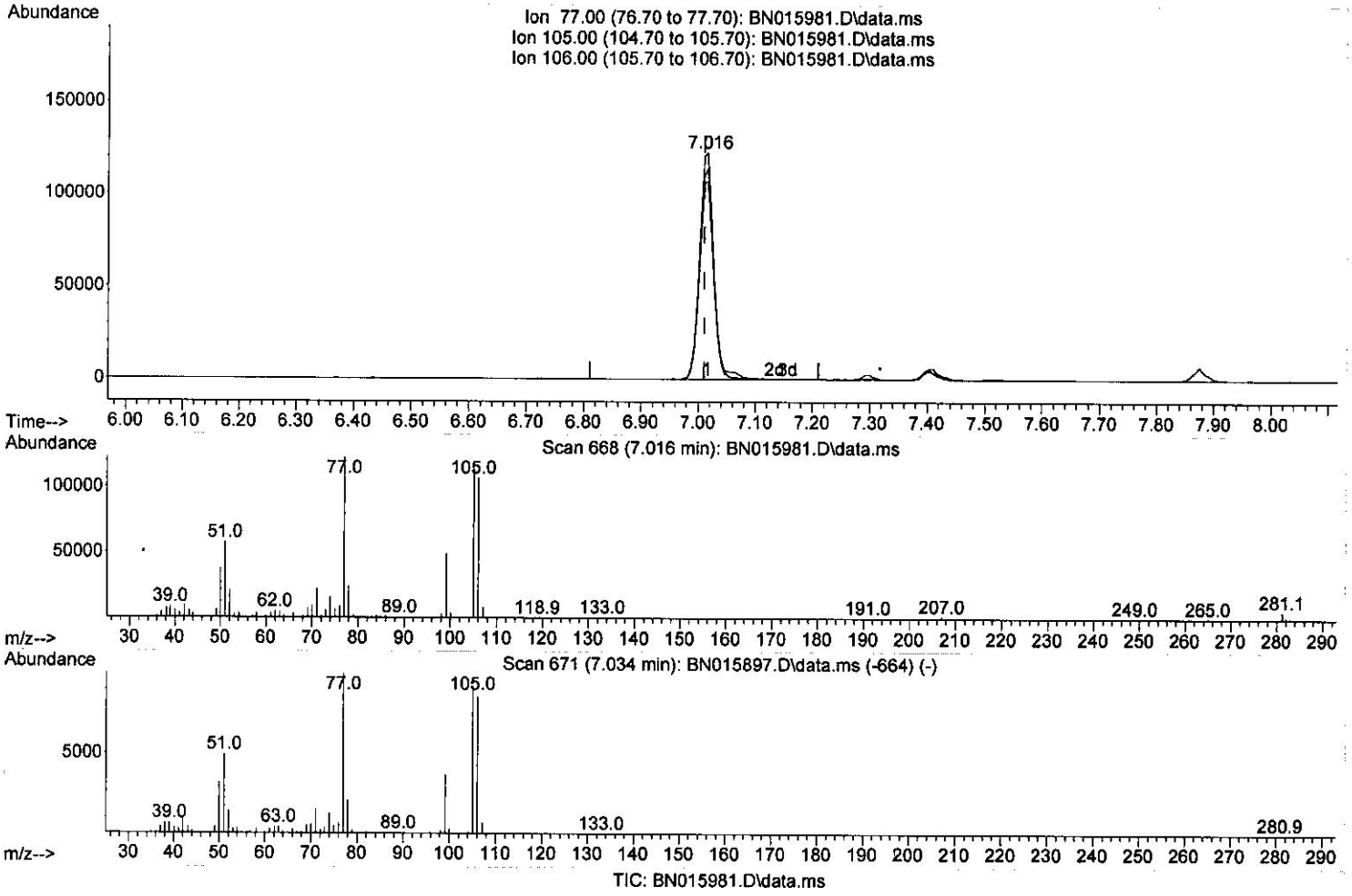

TIC: BN015981.D\data.ms

(6) Benzaldehyde

7.016min (+ 0.006) 17.10 ng/ul m 9.09 8/20/21

response 216139

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	92.95
106.00	87.90	87.41
0.00	0.00	0.00

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BNA_N
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Manual Integrations APPROVED
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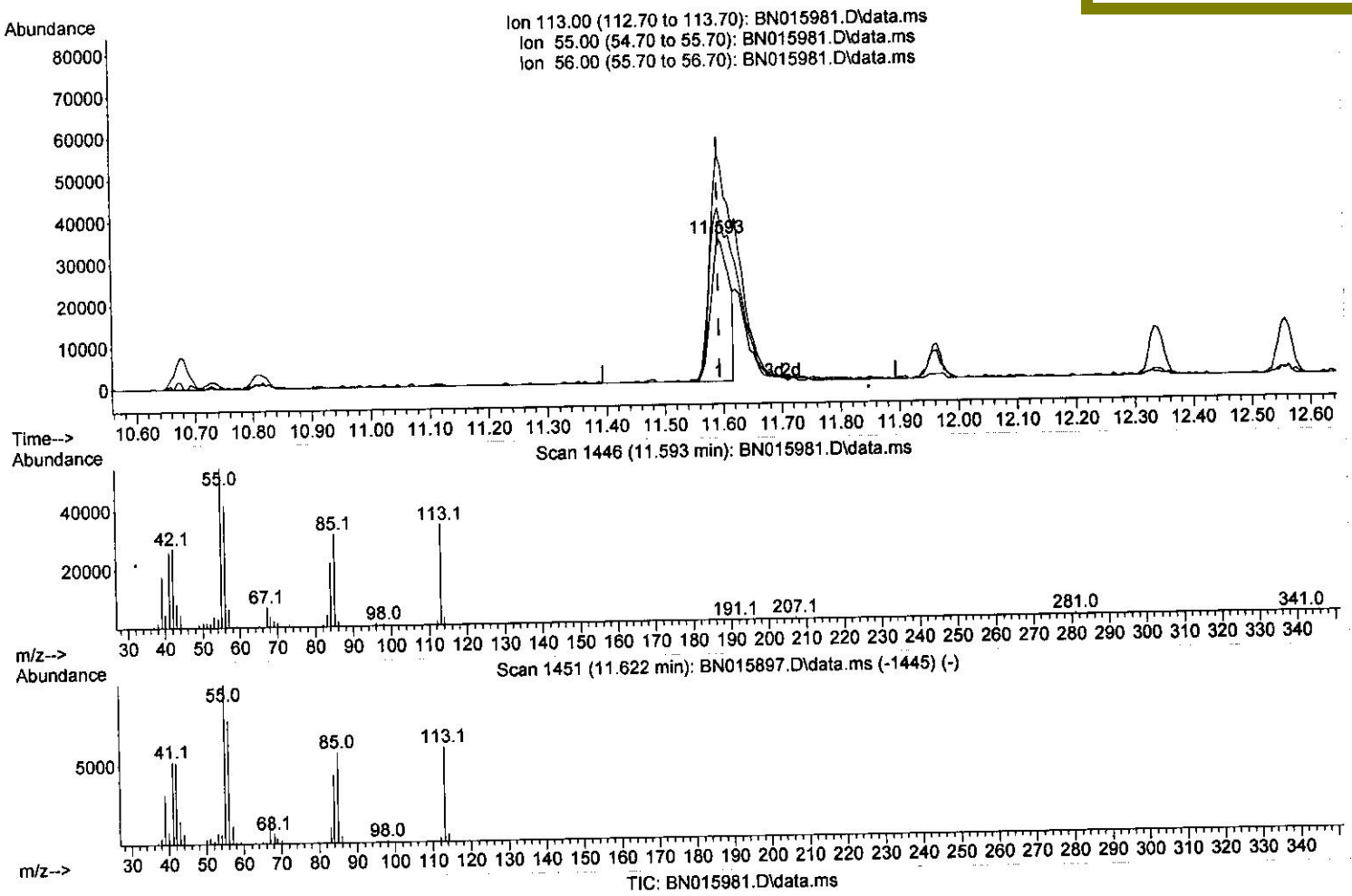

(34) Caprolactam

11.593min (+ 0.000) 15.76 ng/ul

response 73324

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	157.70
56.00	127.80	120.69
0.00	0.00	0.00

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Manual Integrations
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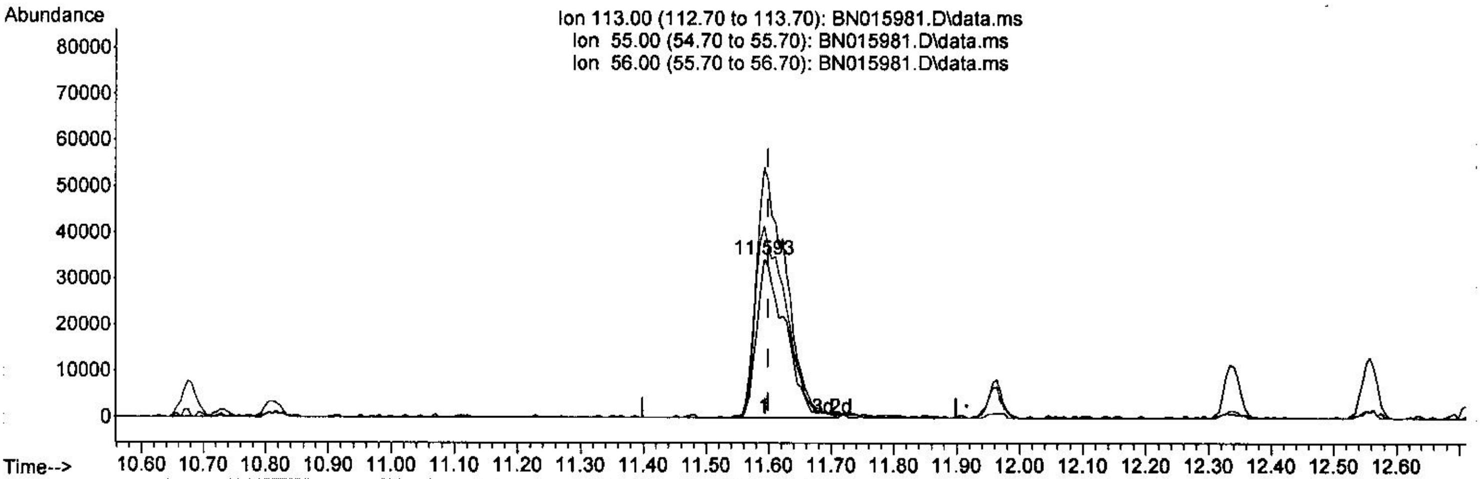

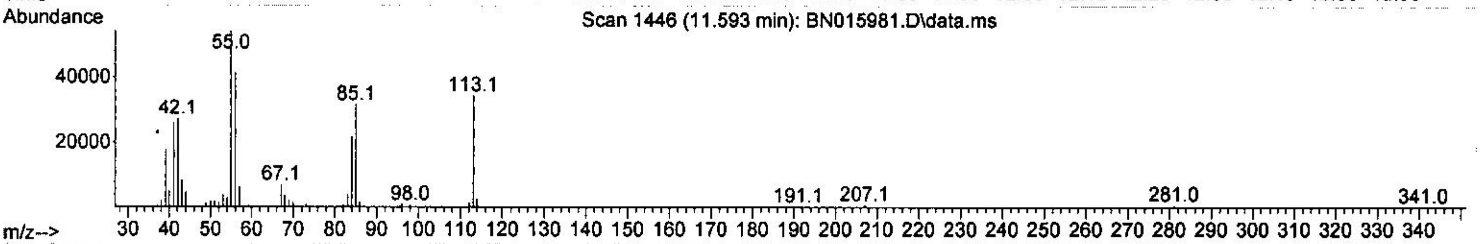

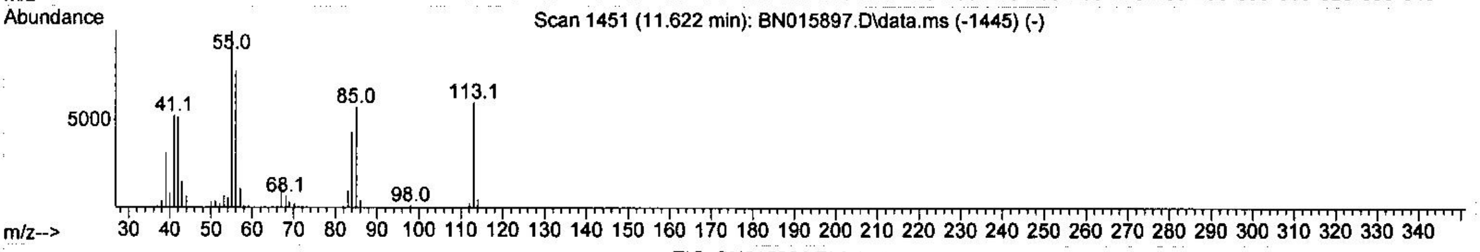

TIC: BN015981.D\data.ms

(34) Caprolactam

11.593min (-0.006) 23.33 ng/ul m

response 108577

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	157.70
56.00	127.80	120.69
0.00	0.00	0.00

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LabSampleId : SSTDCCC020EC

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	271583	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1010485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	616389	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1348601	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1512700	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	1513010	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	60238	8.640	ng/uL	0.00
4) Pyridine-d5	3.734	84	384245	19.719	ng/ul	0.00
7) Phenol-d5	7.034	99	454053	18.483	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	273379	18.074	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	360601	20.629	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	355082	18.584	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	167050	22.461	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	177065	25.438	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	340653	22.616	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	473976	20.673	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1006591	22.283	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1208772	21.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	192208	24.057	ng/ul	0.00
60) Fluorene-d10	15.504	176	850526	21.585	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	156431	21.720	ng/ul	0.00
73) Anthracene-d10	17.357	188	1357119	21.470	ng/ul	0.00
81) Pyrene-d10	19.651	212	1586181	19.467	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	1755038	21.454	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	61968	8.646	ng/uL	91
5) Pyridine	3.752	79	388774	19.352	ng/ul	96
6) Benzaldehyde	7.016	77	216139m	17.100	ng/ul	
8) Phenol	7.064	94	476294	19.019	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.299	93	376022	19.165	ng/ul	95
12) 2-Chlorophenol	7.434	128	362660	20.184	ng/ul	96
13) 2-Methylphenol	8.316	108	351023	19.135	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.410	45	452306	18.052	ng/ul	98
16) Acetophenone	8.699	105	573273	18.592	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	282571	18.767	ng/ul	99
18) 4-Methylphenol	8.646	108	376107	19.156	ng/ul	98
19) Hexachloroethane	8.958	117	169061	20.720	ng/ul#	88
22) Nitrobenzene	9.075	77	453437	21.561	ng/ul	98
23) Isophorone	9.599	82	803502	21.961	ng/ul	99
25) 2-Nitrophenol	9.787	139	197388	26.004	ng/ul	95
26) 2,4-Dimethylphenol	9.852	107	428177	21.119	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.087	93	480344	21.375	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	338083	22.765	ng/ul	96
30) Naphthalene	10.728	128	1154186	21.326	ng/ul	100
32) 4-Chloroaniline	10.834	127	460901	20.361	ng/ul	99
33) Hexachlorobutadiene	11.016	225	243007	21.296	ng/ul	93
34) Caprolactam	11.593	113	108577m	23.335	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	395712	22.495	ng/ul	98
36) 2-Methylnaphthalene	12.340	142	781327	20.761	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	761791	20.336	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	428773	21.502	ng/ul	95
40) Hexachlorocyclopentadiene	12.687	237	267353	20.680	ng/ul	96
41) 2,4,6-Trichlorophenol	12.946	196	273107	25.048	ng/ul	92
42) 2,4,5-Trichlorophenol	13.016	196	288449	24.231	ng/ul	98
43) 1,1'-Biphenyl	13.346	154	1006903	21.125	ng/ul	100
44) 2-Chloronaphthalene	13.387	162	810865	22.032	ng/ul	98
45) 2-Nitroaniline	13.587	65	249252	23.901	ng/ul	95
47) Dimethylphthalate	13.969	163	1013692	22.637	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	205987	25.400	ng/ul	91
50) Acenaphthylene	14.234	152	1209676	22.494	ng/ul	99
51) 3-Nitroaniline	14.410	138	179064	20.536	ng/ul	95
52) Acenaphthene	14.575	153	873106	22.446	ng/ul	97
53) 2,4-Dinitrophenol	14.616	184	98640	21.891	ng/ul	99
55) 4-Nitrophenol	14.722	109	182026	23.283	ng/ul	94
56) Dibenzofuran	14.910	168	1206556	22.436	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	296008	25.342	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.140	232	248774	25.256	ng/ul	94
59) Diethylphthalate	15.334	149	1025113	22.893	ng/ul	100
61) Fluorene	15.557	166	997932	22.740	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	510017	22.287	ng/ul	96
63) 4-Nitroaniline	15.575	138	188761	22.594	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.634	198	167895	23.438	ng/ul#	98
67) N-Nitrosodiphenylamine	15.769	169	818549	20.795	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	312767	21.612	ng/ul	96
69) Hexachlorobenzene	16.563	284	386150	22.833	ng/ul	93
70) Atrazine	16.716	200	340474	23.847	ng/ul	99
71) Pentachlorophenol	16.910	266	194203	20.469	ng/ul	97
72) Phenanthrene	17.304	178	1602733	21.861	ng/ul	98
74) Anthracene	17.392	178	1633630	21.826	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	427985	20.148	ng/uL	100
76) Pentachlorobenzene	14.834	250	417657	20.199	ng/uL	96
77) Carbazole	17.663	167	1471416	22.359	ng/ul	97
78) Di-n-butylphthalate	18.228	149	1807402	24.155	ng/ul	99
80) Fluoranthene	19.316	202	1997853	20.266	ng/ul	99
82) Pyrene	19.680	202	2098971	20.458	ng/ul	98
83) Butylbenzylphthalate	20.580	149	865369	25.081	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.363	252	597703	19.296	ng/ul	98
85) Benzo(a)anthracene	21.427	228	2032719	20.885	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.363	149	1231346	22.503	ng/ul	97
87) Chrysene	21.480	228	1957089	20.769	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	2117515	22.113	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	2067242	20.782	ng/ul	97
91) Benzo(k)fluoranthene	23.157	252	2095621	21.159	ng/ul	98
93) Benzo(a)pyrene	23.739	252	1931749	21.453	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.333	276	2436210	21.820	ng/ul	99
95) Dibenzo(a,h)anthracene	26.345	278	2050561	22.247	ng/ul	99
96) Benzo(g,h,i)perylene	27.098	276	2050721	22.215	ng/ul	99

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