Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032002.D
Acq On : 01 Sep 2021 02:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 01 05:40:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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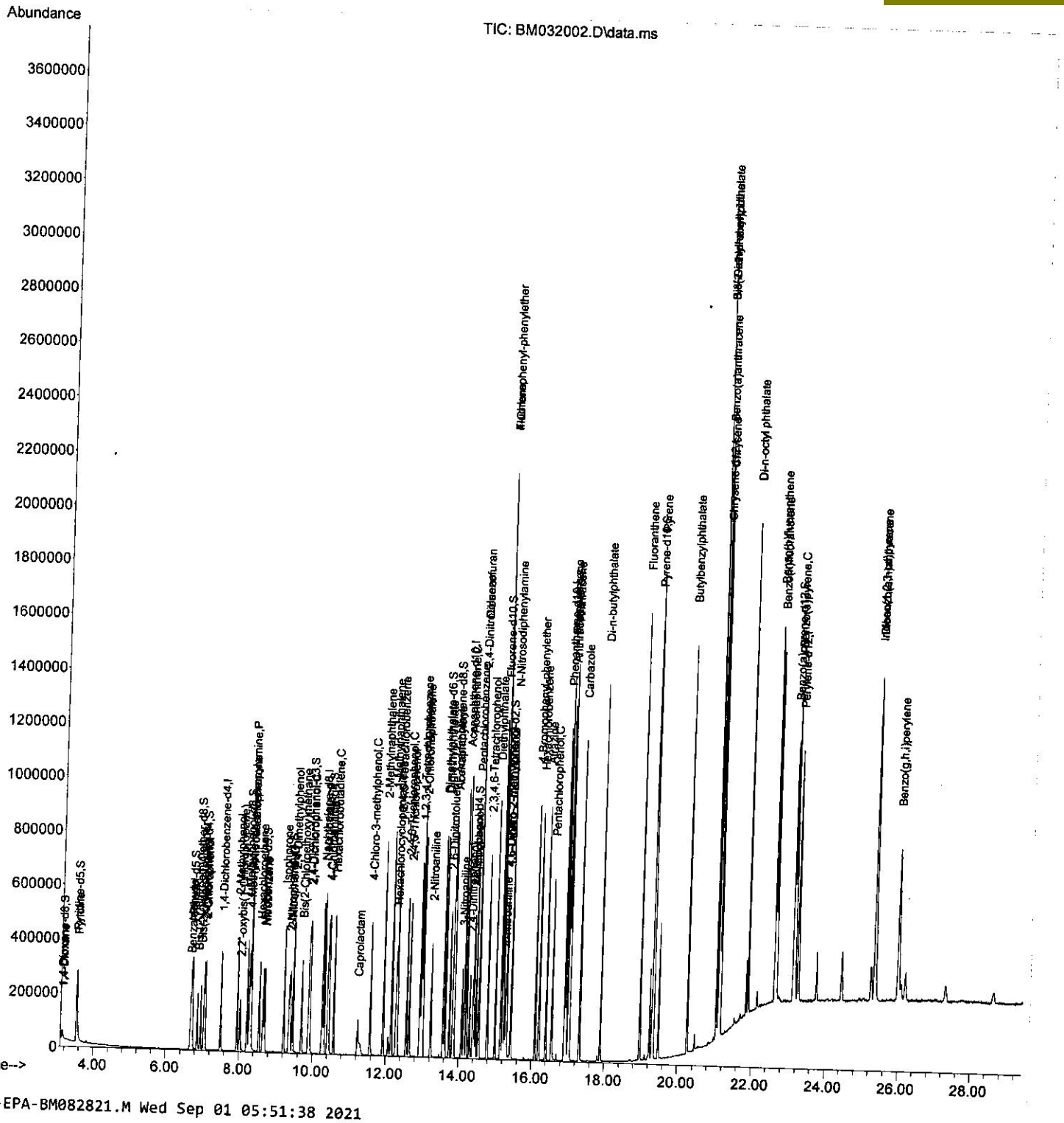

SFAM-EPA-BM082821.M Wed Sep 01 05:51:38 2021

Quantitation Report (Qedit)

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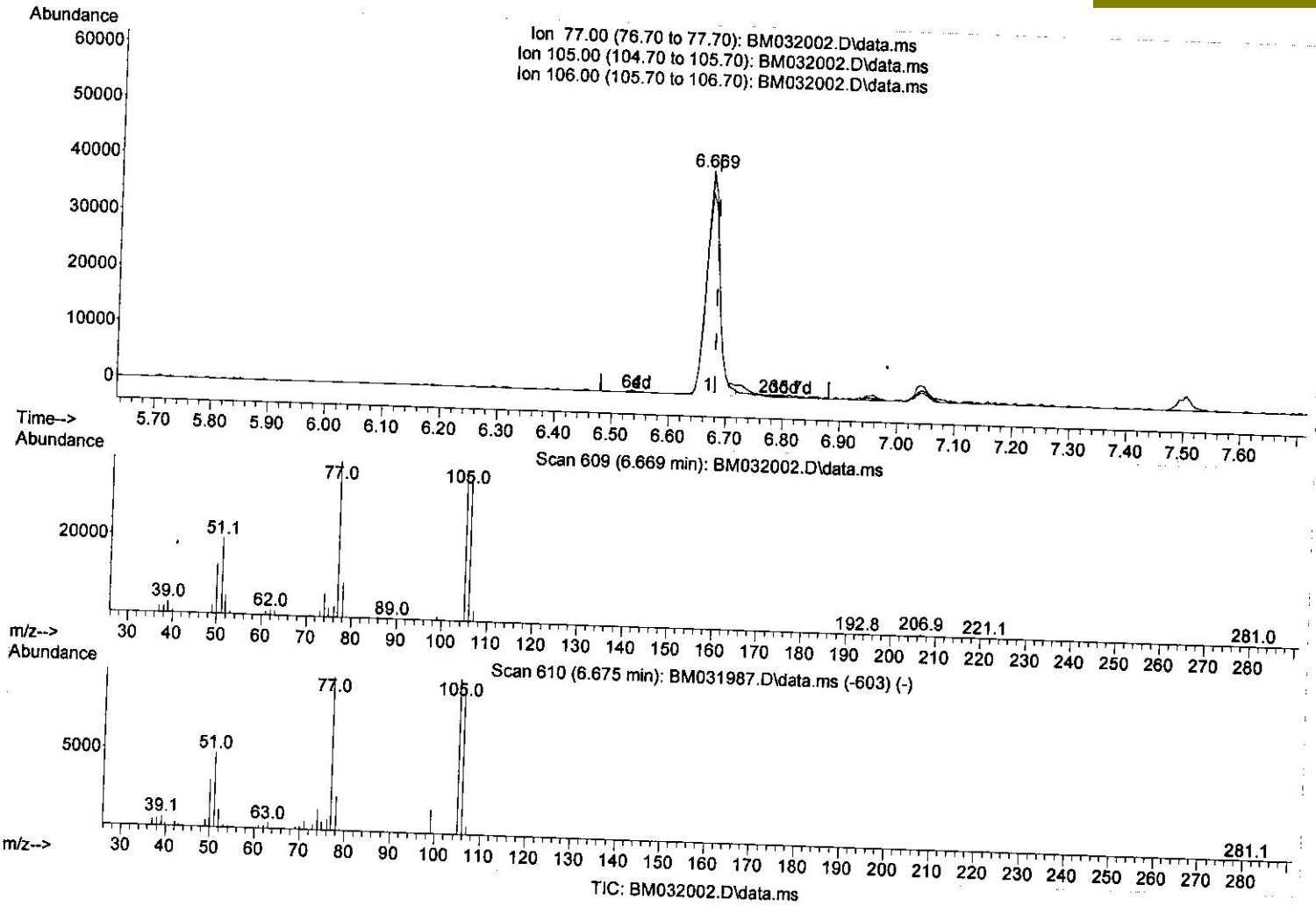

TIC: BM032002.D\data.ms

(6) Benzaldehyde

6.669min (-0.012) 17.66 ng/ul

response 64386

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	96.66
106.00	93.70	90.40
0.00	0.00	0.00

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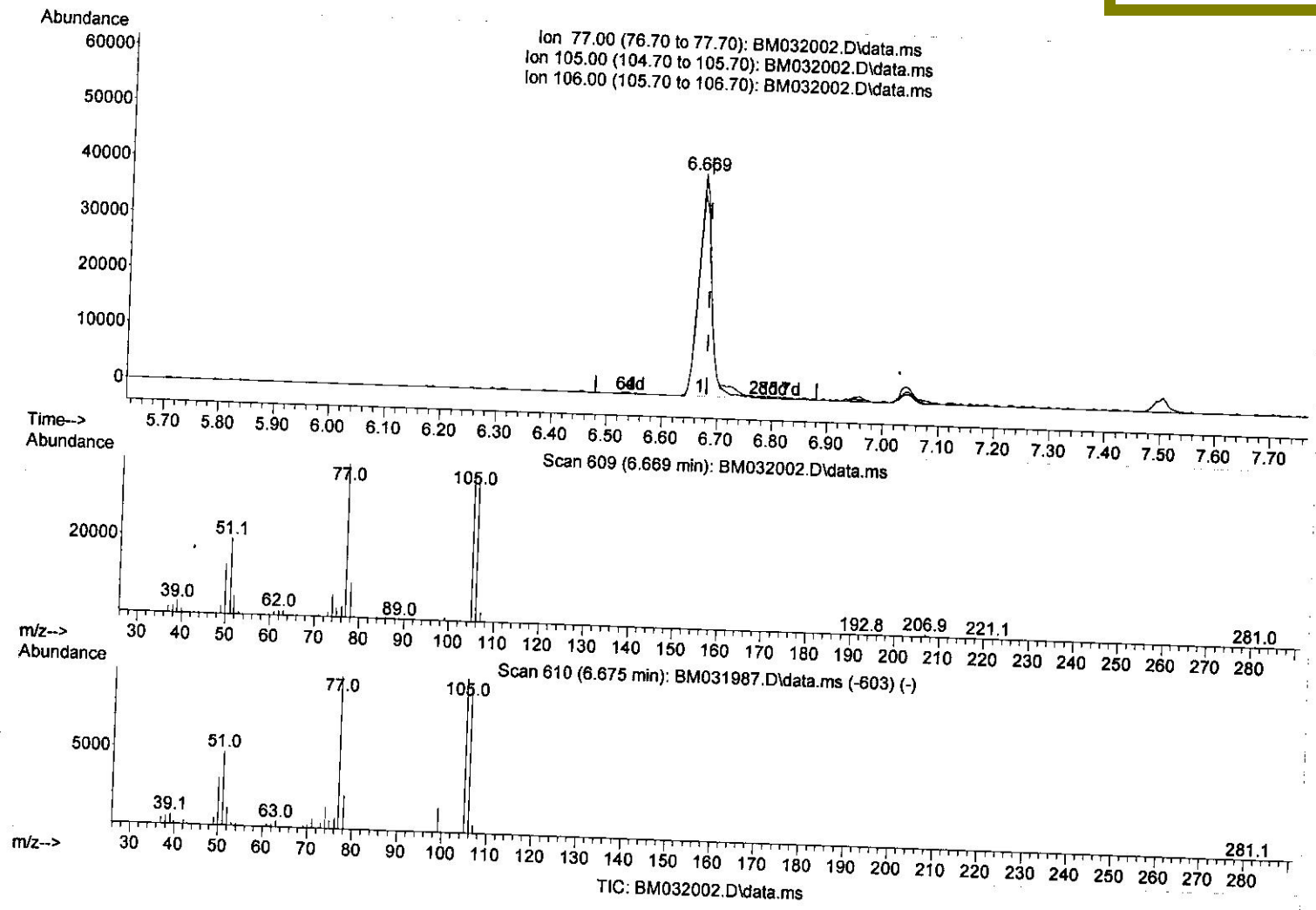

(6) Benzaldehyde

6.669min (-0.012) 18.38 ng/ul m JV 9/3/21

response 67010

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	96.66
106.00	93.70	90.40
0.00	0.00	0.00

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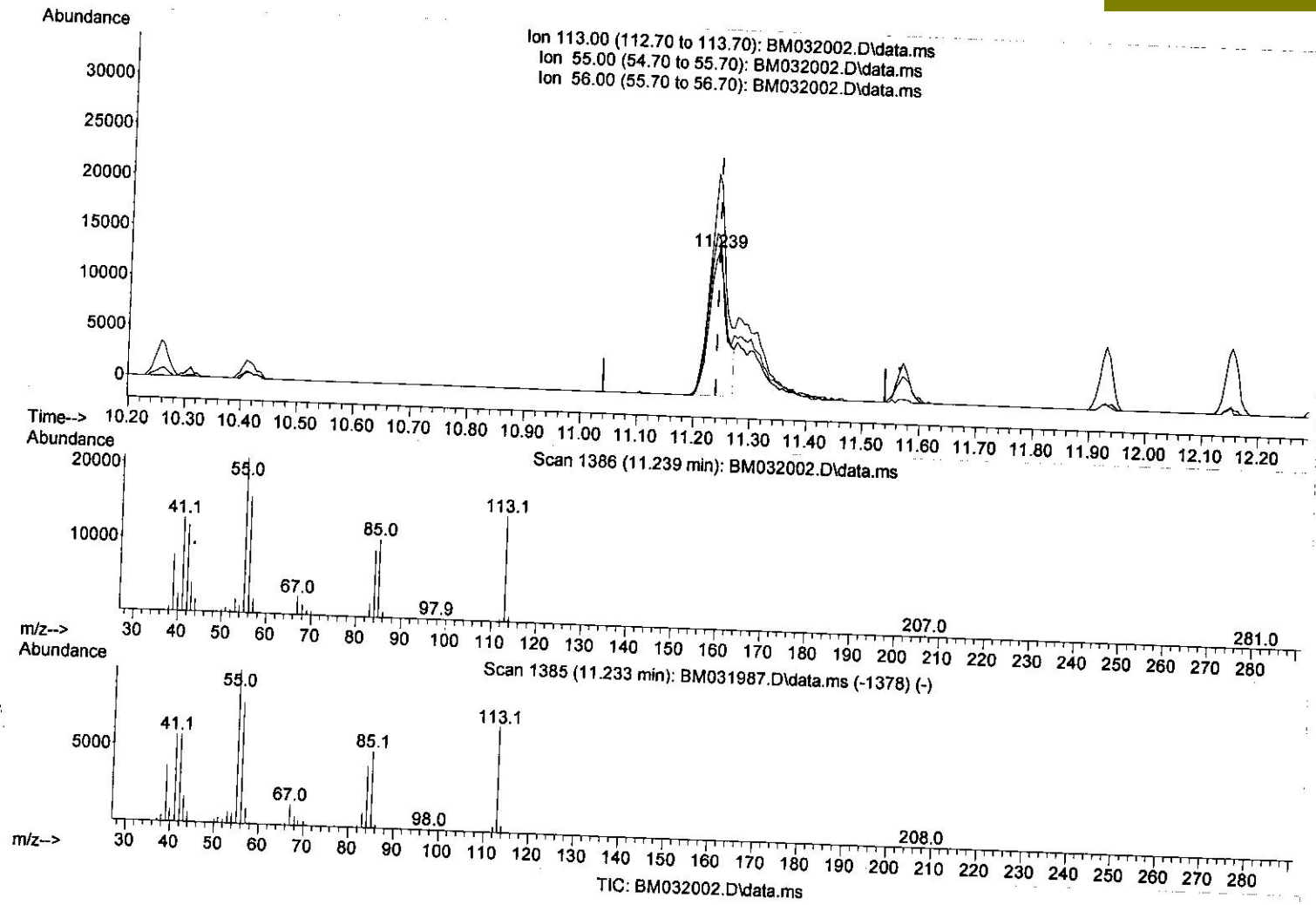

TIC: BM032002.D\data.ms

(34) Caprolactam

11.239min (+ 0.000) 12.38 ng/ul

response 30068

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	145.35#
56.00	127.40	109.65
0.00	0.00	0.00

Quantitation Report (Qedit)

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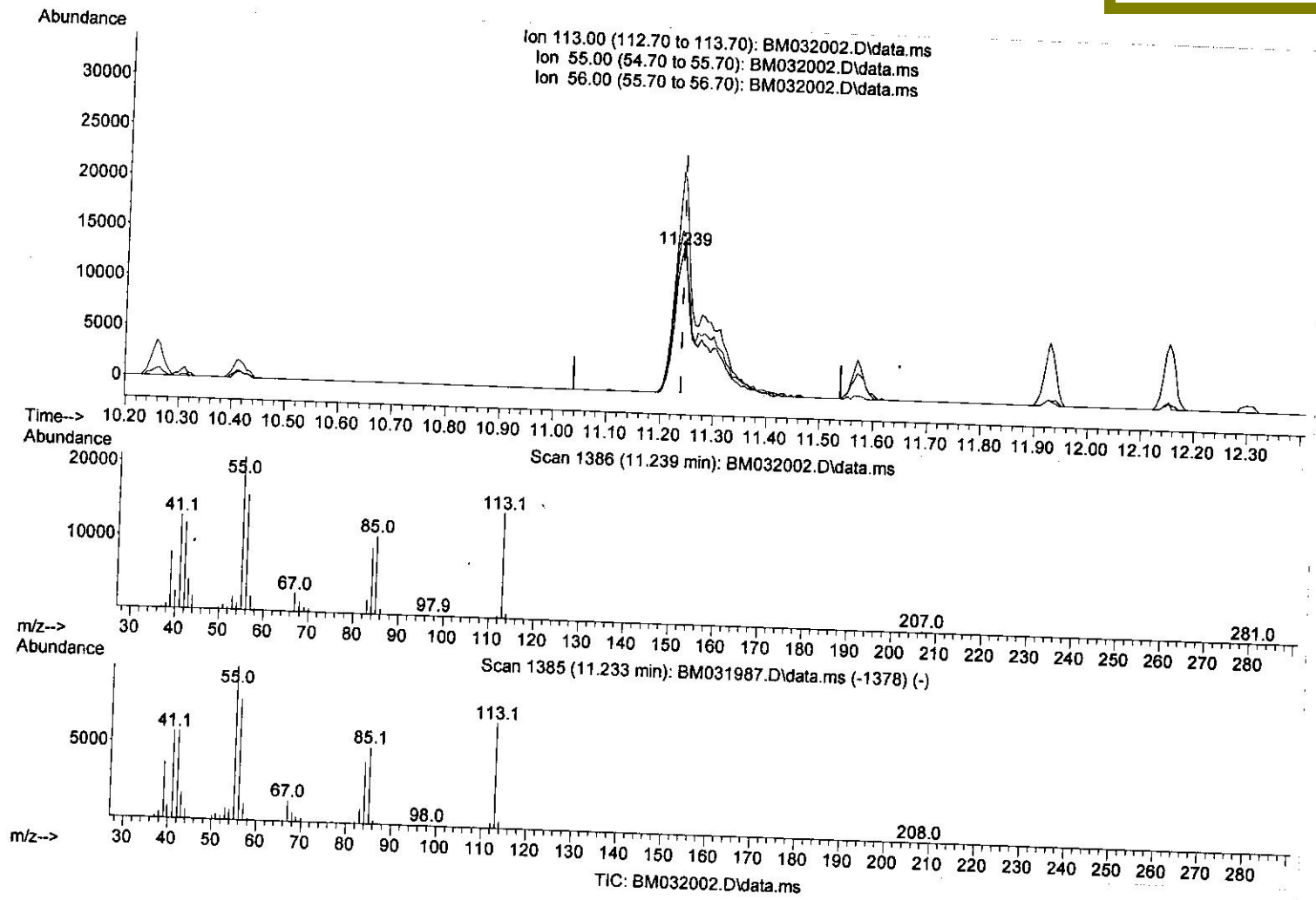

TIC: BM032002.D\data.ms

(34) Caprolactam

11.239min (+ 0.000) 19.46 ng/ul m 30 9/2/21

response 47267

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	145.35#
56.00	127.40	109.65
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	97102	20.000	ng/ul	0.00
20) Naphthalene-d8	10.257	136	444173	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.145	164	339050	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.898	188	731235	20.000	ng/ul	0.00
79) Chrysene-d12	21.109	240	728914	20.000	ng/ul	# 0.00
88) Perylene-d12	23.244	264	603864	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	16818	7.991	ng/uL	0.00
4) Pyridine-d5	3.522	84	119441	19.986	ng/ul	0.00
7) Phenol-d5	6.698	99	162695	20.205	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	89905	19.298	ng/ul	0.00
11) 2-Chlorophenol-d4	7.040	132	136130	21.970	ng/ul	-0.01
15) 4-Methylphenol-d8	8.216	113	142844	20.677	ng/ul	0.00
21) Nitrobenzene-d5	8.651	128	68670	21.285	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.363	143	82741	21.671	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	165006	21.540	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.416	131	216937	20.076	ng/ul	0.00
46) Dimethylphthalate-d6	13.569	166	511535	19.939	ng/ul	0.00
49) Acenaphthylene-d8	13.833	160	634920	20.897	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	83936	18.075	ng/ul	0.00
60) Fluorene-d10	15.145	176	455420	20.194	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	89596	17.832	ng/ul	0.00
73) Anthracene-d10	16.998	188	721916	20.800	ng/ul	0.00
81) Pyrene-d10	19.304	212	788487	23.095	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.109	264	654556	20.625	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	17974	7.084	ng/uL#	82
5) Pyridine	3.540	79	124946	20.336	ng/ul	91
6) Benzaldehyde	6.669	77	67010m	18.383	ng/ul	
8) Phenol	6.728	94	163900	20.228	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.951	93	123575	20.024	ng/ul	93
12) 2-Chlorophenol	7.075	128	135326	21.871	ng/ul	93
13) 2-Methylphenol	7.951	108	125896	20.152	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.028	45	155589	19.400	ng/ul#	92
16) Acetophenone	8.322	105	216329	19.994	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.310	70	109240	20.695	ng/ul	94
18) 4-Methylphenol	8.281	108	141312	20.369	ng/ul	97
19) Hexachloroethane	8.551	117	56415	21.285	ng/ul	90
22) Nitrobenzene	8.698	77	165219	20.285	ng/ul	99
23) Isophorone	9.216	82	303150	20.223	ng/ul	97
25) 2-Nitrophenol	9.392	139	85857	21.587	ng/ul	94
26) 2,4-Dimethylphenol	9.463	107	170050	21.004	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.698	93	179968	20.253	ng/ul	99
29) 2,4-Dichlorophenol	9.922	162	156209	21.439	ng/ul	95
30) Naphthalene	10.310	128	452077	20.331	ng/ul	100
32) 4-Chloroaniline	10.439	127	216581	20.093	ng/ul	98
33) Hexachlorobutadiene	10.581	225	99200	20.522	ng/ul	97
34) Caprolactam	11.239	113	47267m	19.462	ng/ul	
35) 4-Chloro-3-methylphenol	11.569	107	161781	21.173	ng/ul	99

JV 9/3/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	359408	20.500	ng/ul	99
37) 1-Methylnaphthalene	12.151	142	367975	20.606	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.304	216	208885	21.463	ng/ul	99
40) Hexachlorocyclopentadiene	12.275	237	105069	20.057	ng/ul	98
41) 2,4,6-Trichlorophenol	12.563	196	140581	21.561	ng/ul	96
42) 2,4,5-Trichlorophenol	12.633	196	152786	21.578	ng/ul	98
43) 1,1'-Biphenyl	12.969	154	485942	20.376	ng/ul#	98
44) 2-Chloronaphthalene	13.004	162	391068	20.698	ng/ul	99
45) 2-Nitroaniline	13.233	65	106002	20.364	ng/ul	97
47) Dimethylphthalate	13.616	163	496983	19.729	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	105836	21.296	ng/ul	96
50) Acenaphthylene	13.863	152	570562	20.409	ng/ul	98
51) 3-Nitroaniline	14.074	138	75835	16.306	ng/ul	98
52) Acenaphthene	14.210	153	411178	20.251	ng/ul	96
53) 2,4-Dinitrophenol	14.292	184	66302	19.081	ng/ul	93
55) 4-Nitrophenol	14.398	109	78370	18.281	ng/ul	83
56) Dibenzofuran	14.545	168	604123	20.175	ng/ul	98
57) 2,4-Dinitrotoluene	14.539	165	155532	20.866	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	14.780	232	134383	21.142	ng/ul#	99
59) Diethylphthalate	14.998	149	514633	19.988	ng/ul	99
61) Fluorene	15.204	166	511140	20.174	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.204	204	261689	20.167	ng/ul	100
63) 4-Nitroaniline	15.251	138	66061	15.857	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.304	198	86880	17.783	ng/ul	99
67) N-Nitrosodiphenylamine	15.421	169	442349	21.065	ng/ul	98
68) 4-Bromophenyl-phenylether	16.098	248	160824	21.462	ng/ul	97
69) Hexachlorobenzene	16.204	284	183637	21.107	ng/ul	98
70) Atrazine	16.392	200	163218	20.629	ng/ul	96
71) Pentachlorophenol	16.557	266	110331	19.393	ng/ul	98
72) Phenanthrene	16.945	178	823026	20.608	ng/ul	99
74) Anthracene	17.033	178	844004	20.649	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	207915	21.850	ng/uL	99
76) Pentachlorobenzene	14.463	250	216060	21.643	ng/uL	97
77) Carbazole	17.315	167	731774	19.562	ng/ul	100
78) Di-n-butylphthalate	17.886	149	920490	21.474	ng/ul	99
80) Fluoranthene	18.968	202	972242	23.435	ng/ul#	94
82) Pyrene	19.333	202	1011438	23.027	ng/ul#	94
83) Butylbenzylphthalate	20.256	149	420144	24.361	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.039	252	250241	15.249	ng/ul	98
85) Benzo(a)anthracene	21.092	228	950602	20.966	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.039	149	679239	24.420	ng/ul	99
87) Chrysene	21.145	228	907295	20.804	ng/ul	99
89) Di-n-octyl phthalate	21.898	149	1125820	27.328	ng/ul	100
90) Benzo(b)fluoranthene	22.609	252	871508	22.652	ng/ul	98
91) Benzo(k)fluoranthene	22.650	252	799911	21.476	ng/ul#	98
93) Benzo(a)pyrene	23.150	252	710671	20.455	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.350	276	802640	18.051	ng/ul	95
95) Dibenzo(a,h)anthracene	25.356	278	682955	18.263	ng/ul#	96
96) Benzo(g,h,i)perylene	25.991	276	652647	17.725	ng/ul	96

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

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