Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032005.D
Acq On : 01 Sep 2021 04:17
Operator : CG/JU
Sample : PB138649BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 01 05:40:54 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
ClientSampleId :
SLCS649

Manual Integrations APPROVED
mohammad
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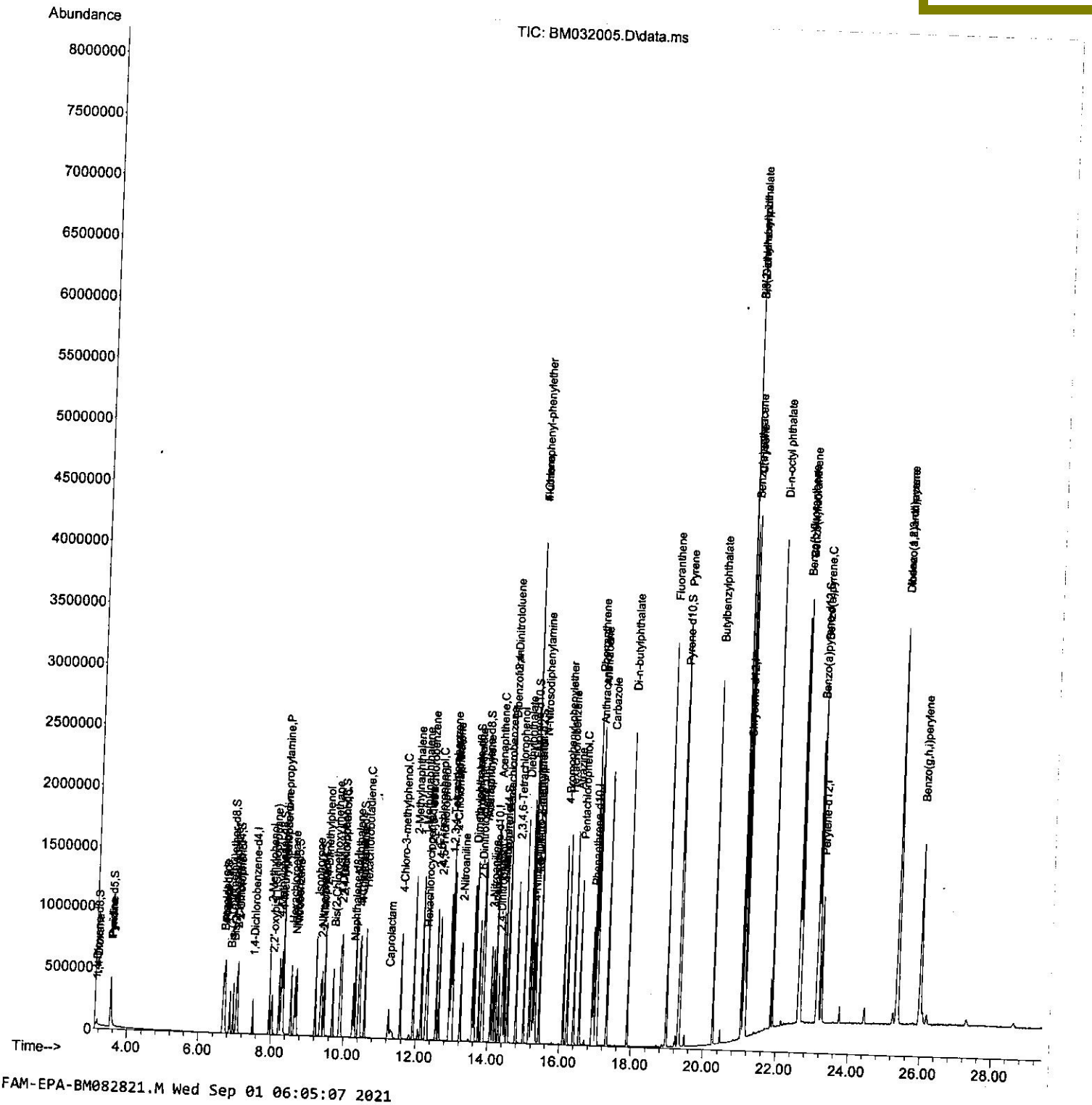

Quantitation Report (Qedit)

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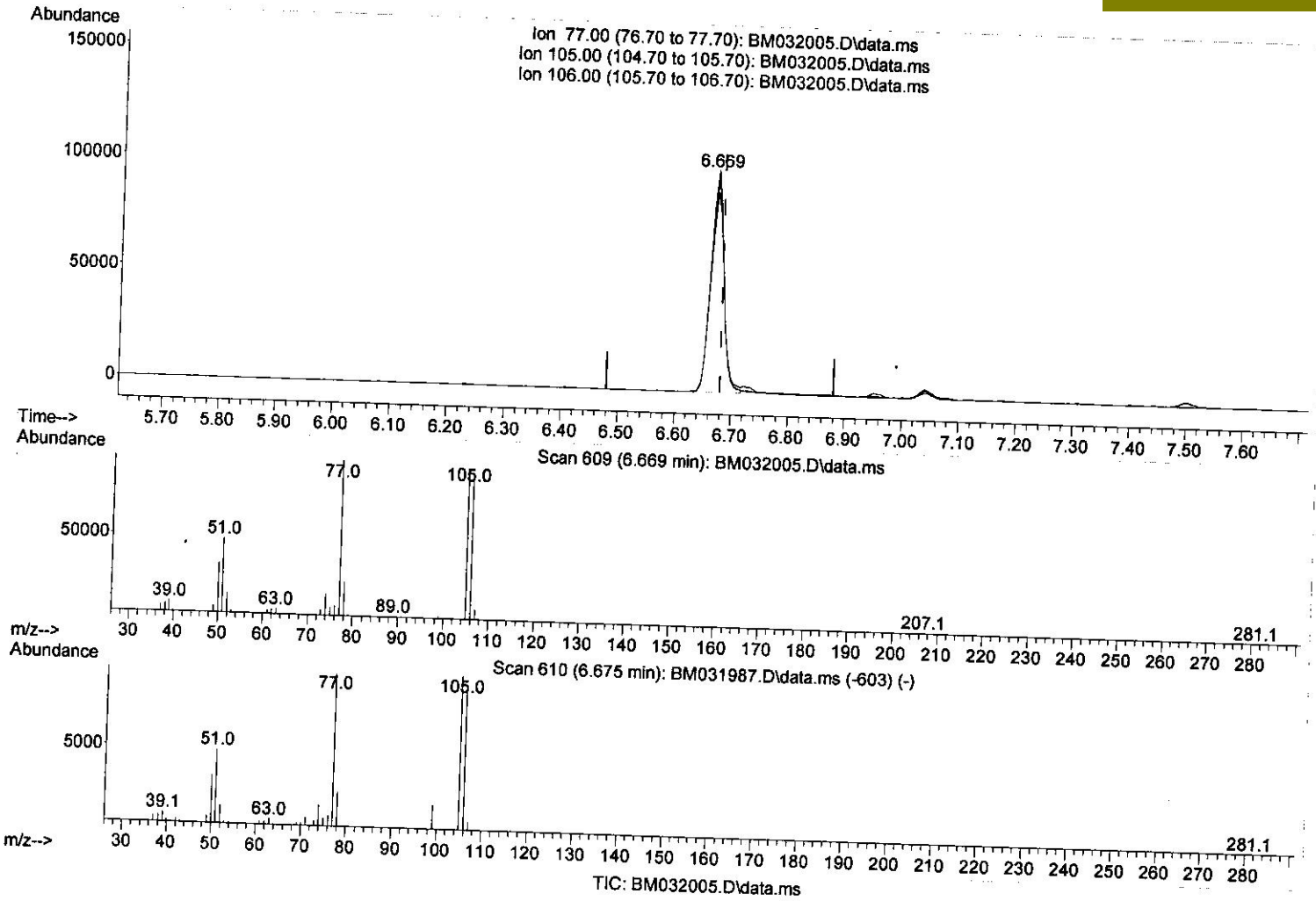

TIC: BM032005.D\data.ms

(6) Benzaldehyde

6.669min (-0.012) 55.90 ng/ul

response 157858

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	96.21
106.00	93.70	90.19
0.00	0.00	0.00

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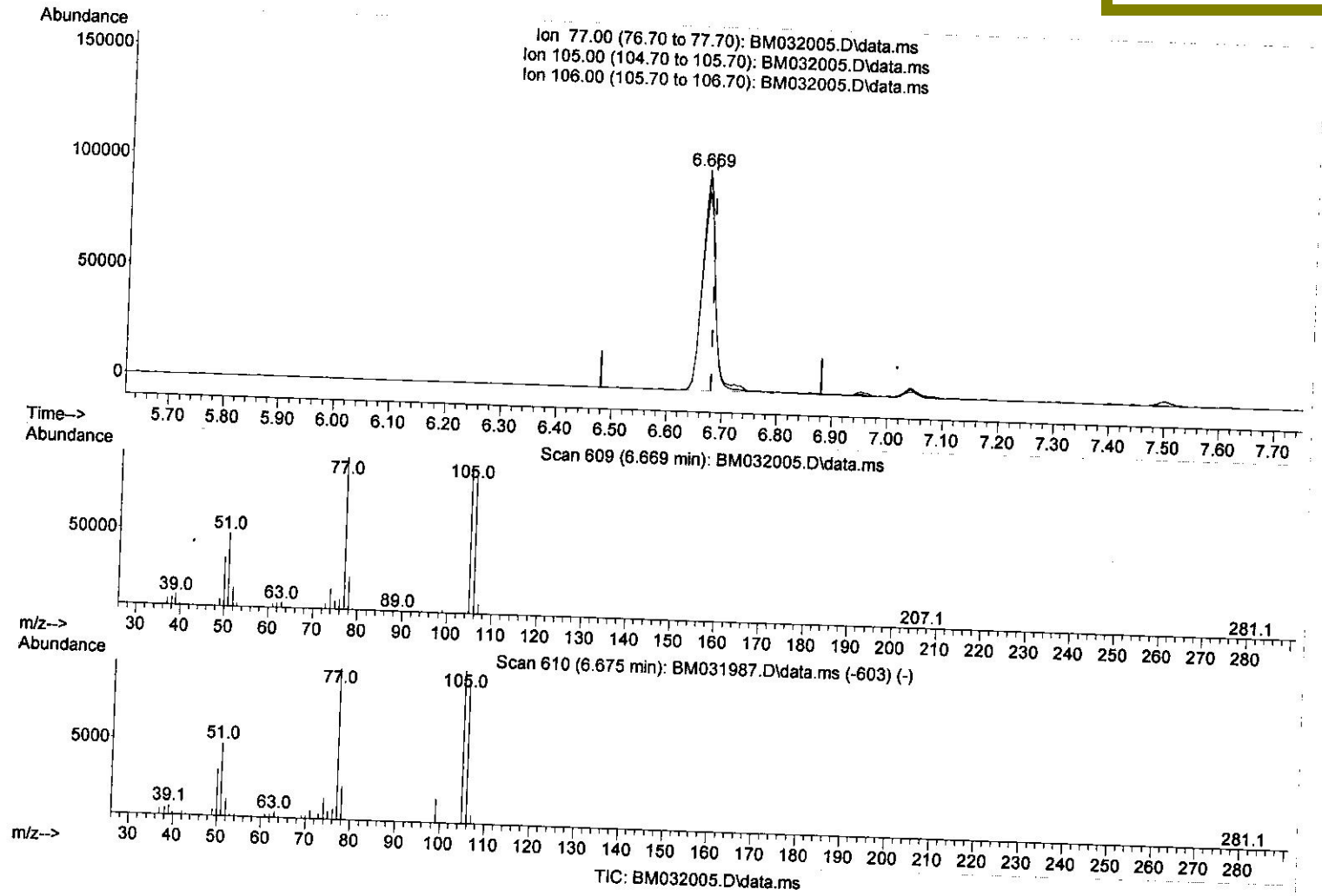

(6) Benzaldehyde

6.669min (-0.012) 57.28 ng/ul m JU 9/7/21

response 161757

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	96.21
106.00	93.70	90.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
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Manual Integrations APPROVED
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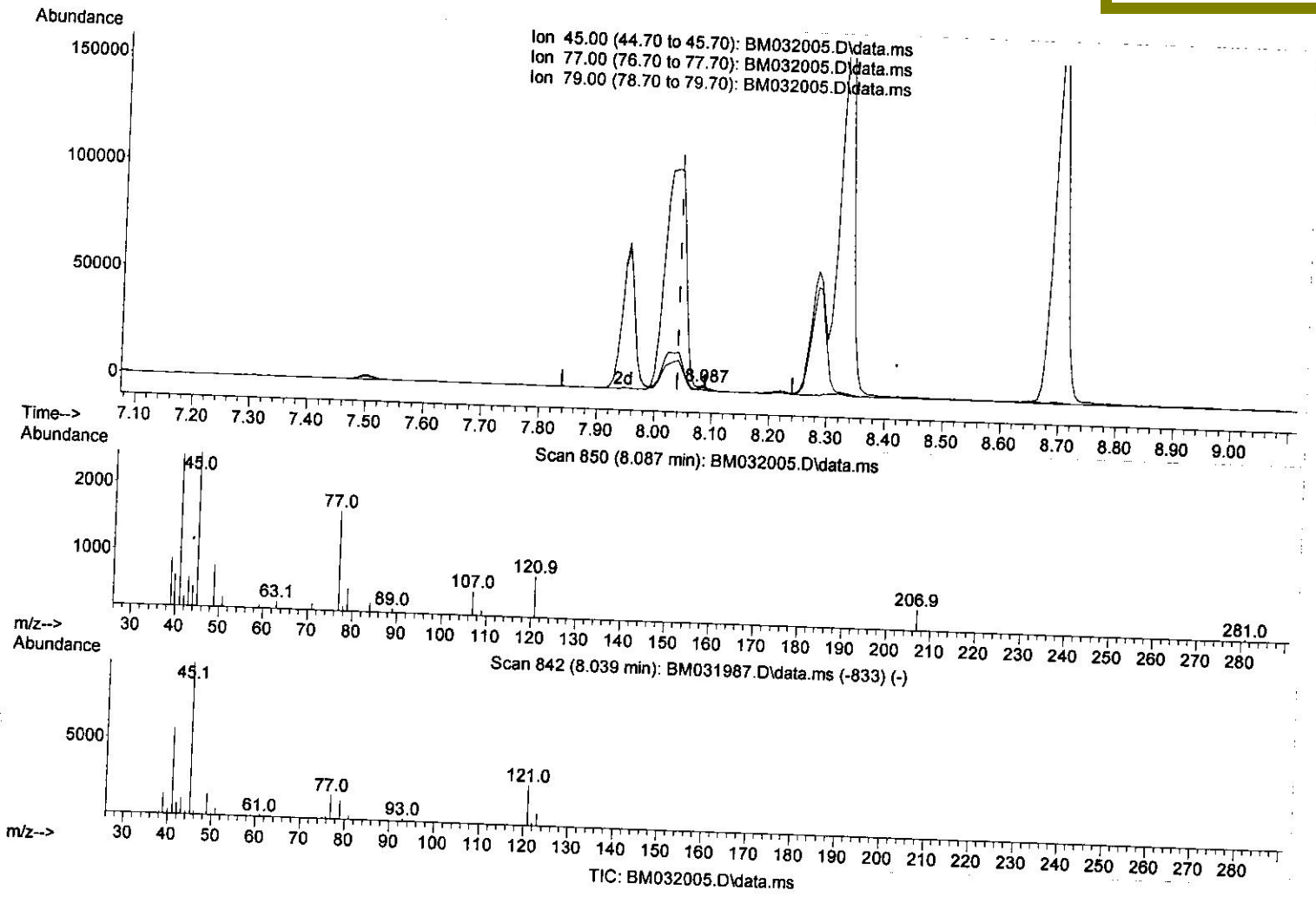

(14) 2,2'-oxybis(1-Chloropropane)

8.087min (+ 0.047) 0.43 ng/ul

response 2696

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.80	67.45#
79.00	9.80	20.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 01 Sep 2021 04:17
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Manual Integrations APPROVED
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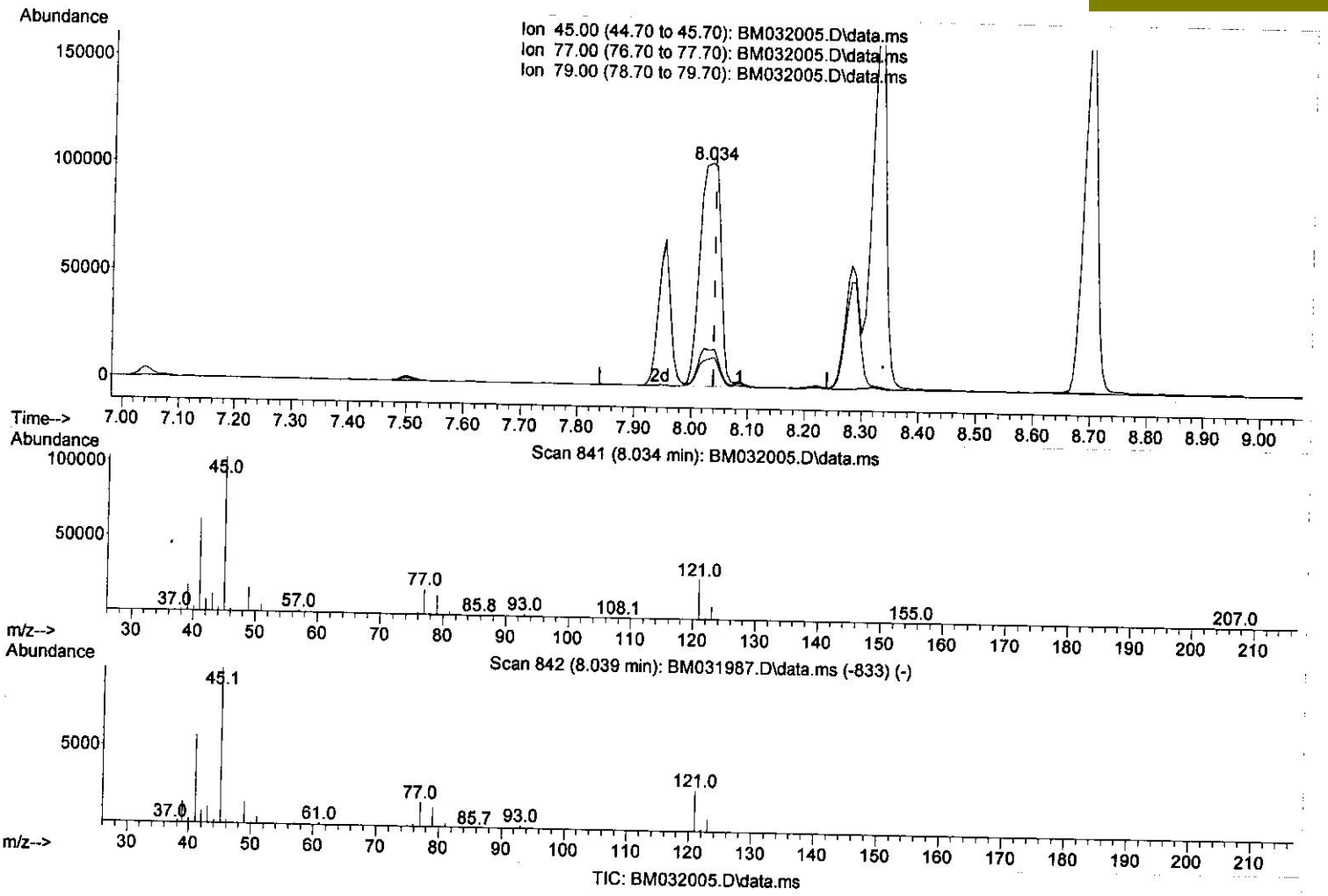

TIC: BM032005.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.034min (-0.006) 42.51 ng/ul m JV 9/3/21

response 264131

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.80	16.45#
79.00	9.80	12.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 01 Sep 2021 04:17
Operator : CG/JU
Sample : PB138649BS
Misc :
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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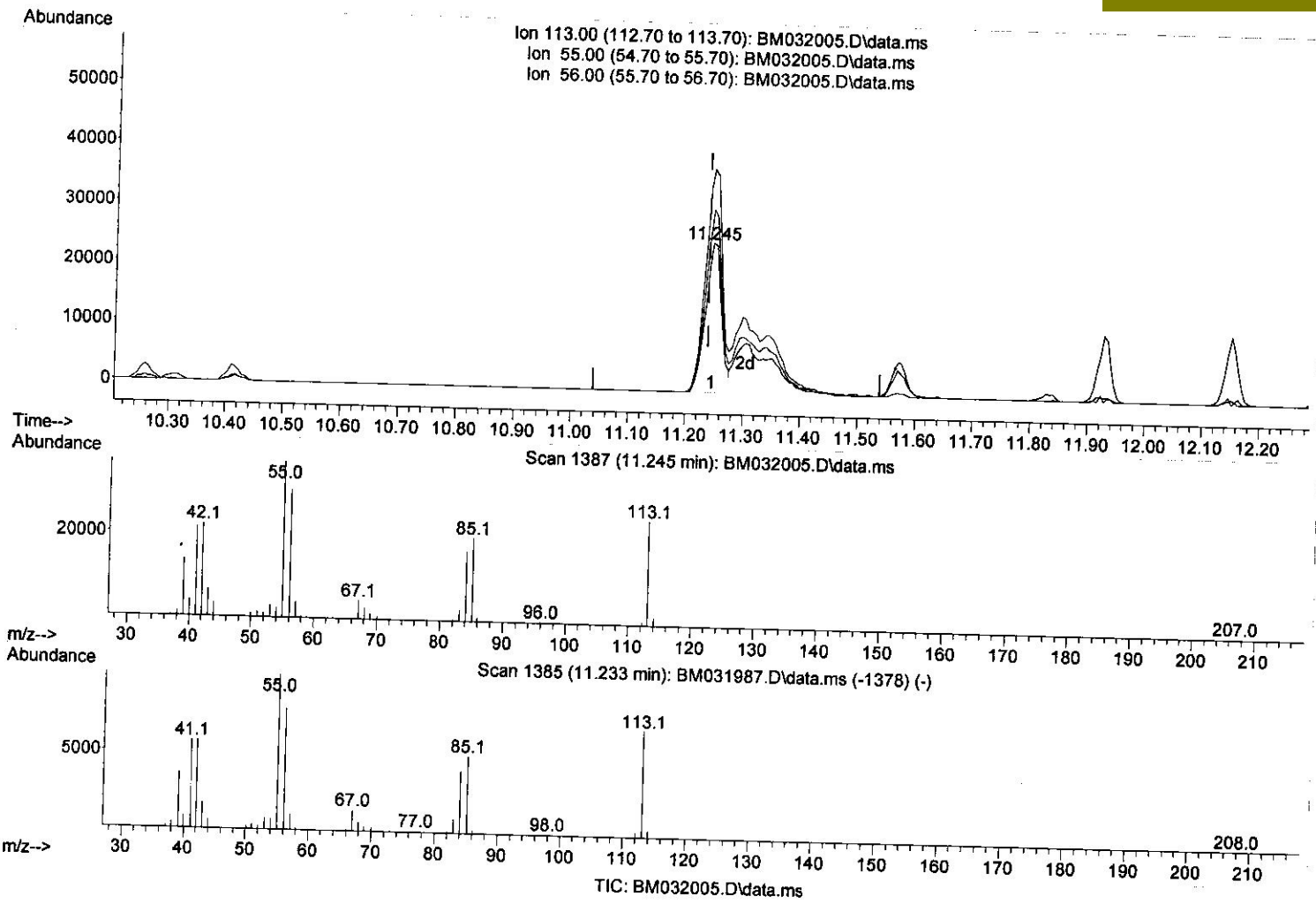

(34) Caprolactam

11.245min (+ 0.006) 26.03 ng/ul

response 48181

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	149.14#
56.00	127.40	122.68
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
SLCS649

Manual Integrations APPROVED
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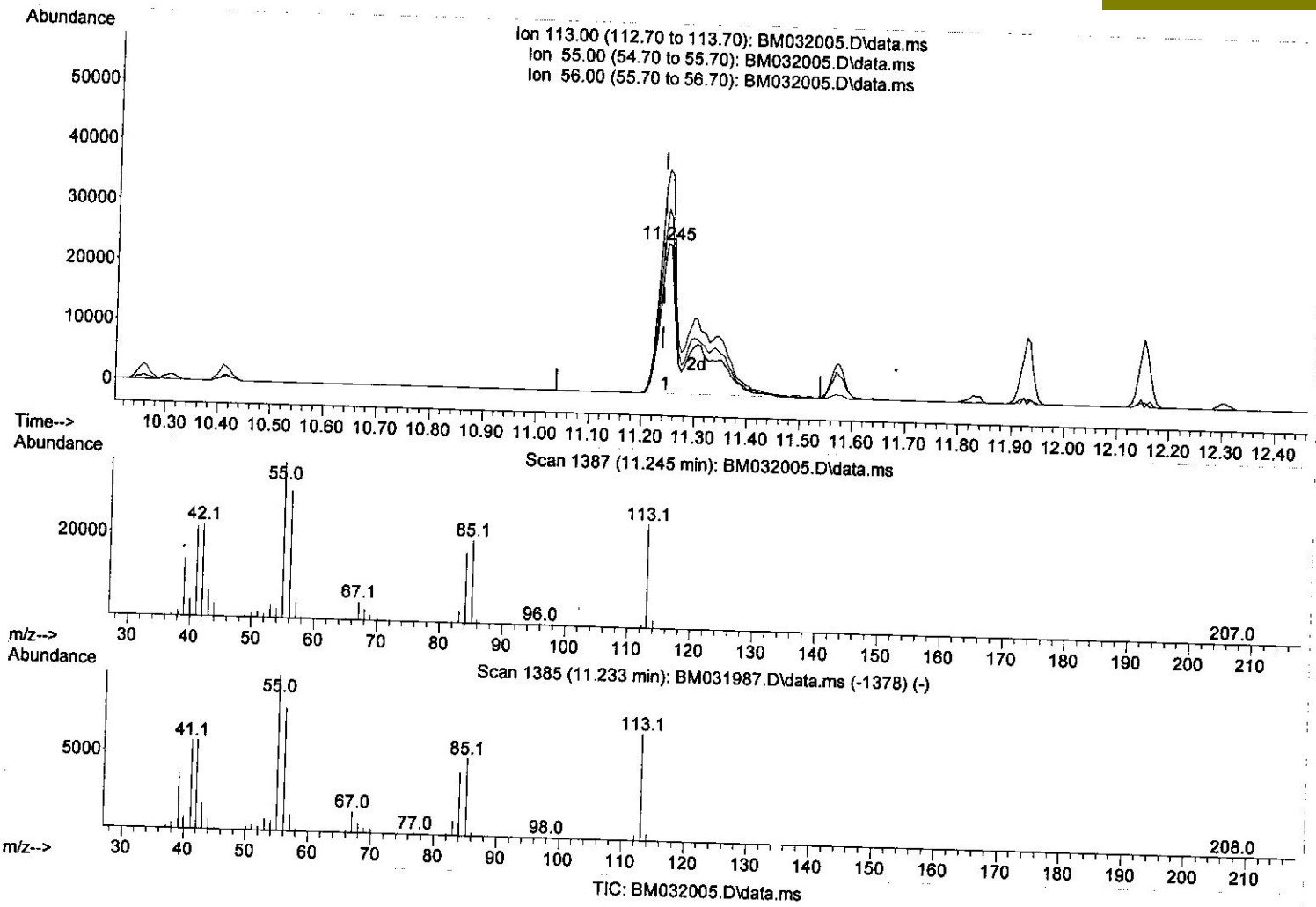

TIC: BM032005.D\data.ms

(34) Caprolactam

11.245min (+ 0.006) 46.60 ng/ul m 3V 9/13/21

response 86251

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	149.14#
56.00	127.40	122.68
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : PB138649BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS649

Manual Integrations APPROVED
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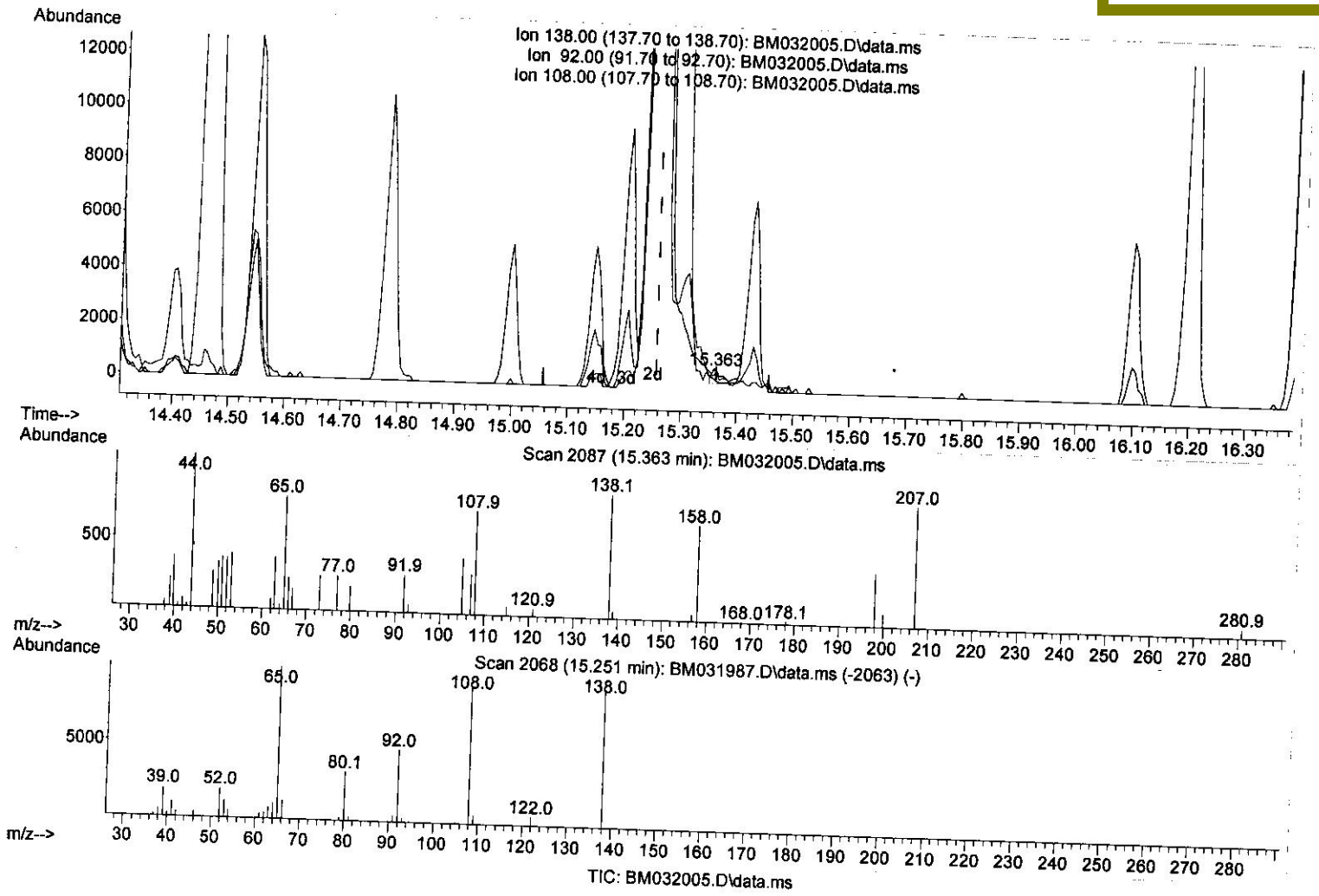

(63) 4-Nitroaniline

15.363min (+ 0.106) 0.19 ng/ul

response 595

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	43.66
108.00	76.80	86.68
0.00	0.00	0.00

Quantitation Report (Qedit)

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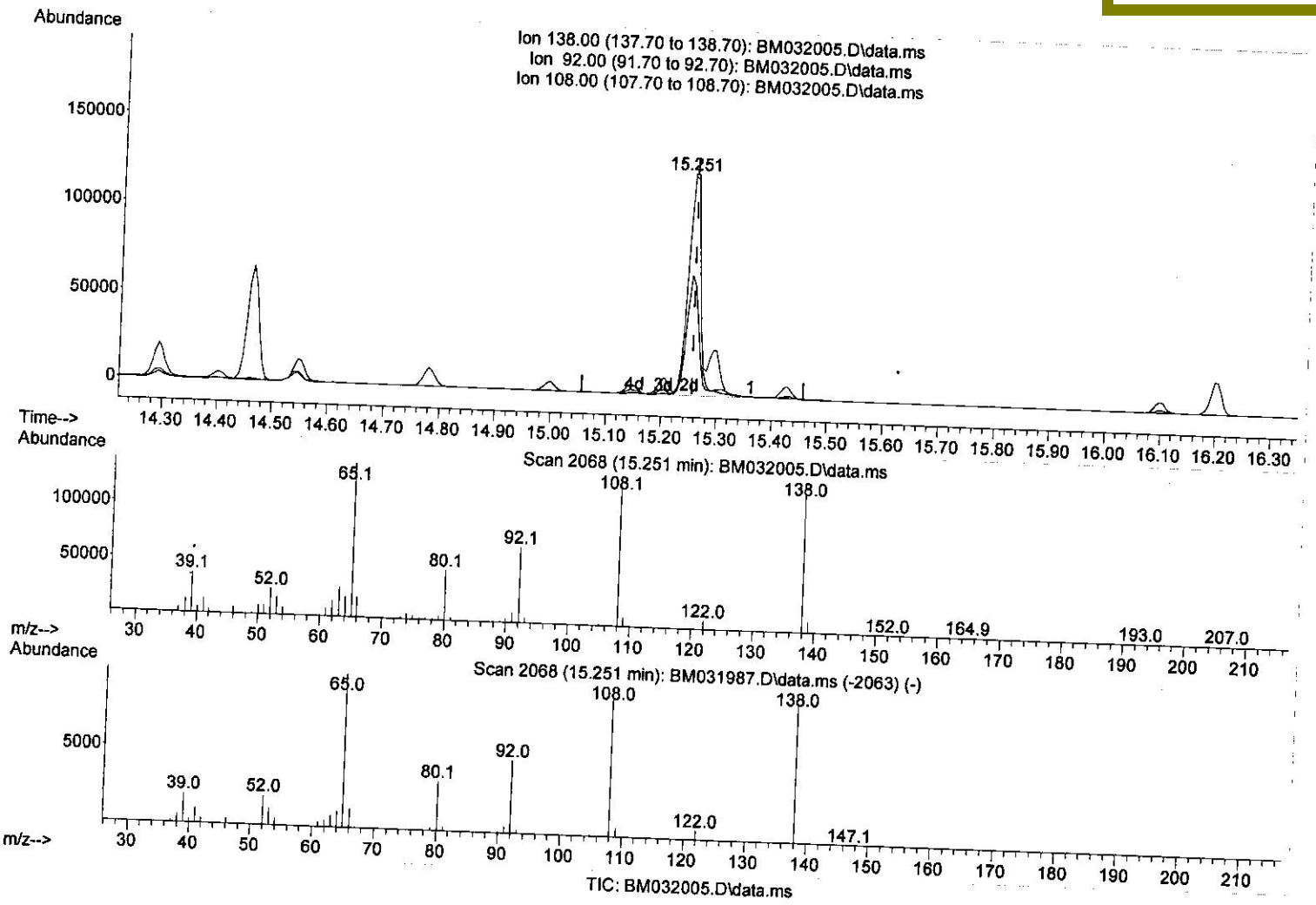

(63) 4-Nitroaniline

15.251min (-0.006) 62.85 ng/ul m JV 9/3/21

response 198582

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	54.48
108.00	76.80	99.07#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ClientSampleId : SLCS649

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	75225	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.257	136	338464	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.145	164	257152	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	567154	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	686191	20.000	ng/ul	# 0.00
88) Perylene-d12	23.245	264	659653	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	12409	7.611	ng/uL	0.00
4) Pyridine-d5	3.516	84	179812	38.838	ng/ul	0.00
7) Phenol-d5	6.699	99	263562	42.251	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	145426	40.293	ng/ul	0.00
11) 2-Chlorophenol-d4	7.040	132	212206	44.208	ng/ul	-0.01
15) 4-Methylphenol-d8	8.216	113	223214	41.708	ng/ul	0.00
21) Nitrobenzene-d5	8.651	128	111207	45.236	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.363	143	132204	45.441	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.893	165	264060	45.237	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.416	131	321931	39.098	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	830057	42.659	ng/ul	0.00
49) Acenaphthylene-d8	13.833	160	1024126	44.442	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	157110	44.608	ng/ul	0.00
60) Fluorene-d10	15.145	176	738262	43.162	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	163568	41.972	ng/ul	0.00
73) Anthracene-d10	17.004	188	1241625	46.123	ng/ul	0.00
81) Pyrene-d10	19.310	212	1500118	46.674	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	1578758	45.538	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	25263	12.853	ng/uL	90
5) Pyridine	3.534	79	194468	40.857	ng/ul	89
6) Benzaldehyde	6.669	77	161757m	57.281	ng/ul	
8) Phenol	6.728	94	288162	45.907	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.952	93	208404	43.592	ng/ul	92
12) 2-Chlorophenol	7.075	128	233808	48.777	ng/ul	93
13) 2-Methylphenol	7.951	108	216395	44.711	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.034	45	264131m	42.513	ng/ul	
16) Acetophenone	8.328	105	369534	44.086	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.316	70	187456	45.841	ng/ul	94
18) 4-Methylphenol	8.281	108	242610	45.141	ng/ul	94
19) Hexachloroethane	8.551	117	96462	46.978	ng/ul	89
22) Nitrobenzene	8.698	77	278212	44.827	ng/ul	98
23) Isophorone	9.222	82	515724	45.149	ng/ul#	96
25) 2-Nitrophenol	9.393	139	146445	48.320	ng/ul#	94
26) 2,4-Dimethylphenol	9.463	107	283691	45.984	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.704	93	307314	45.386	ng/ul	100
29) 2,4-Dichlorophenol	9.922	162	268479	48.355	ng/ul	98
30) Naphthalene	10.310	128	765868	45.200	ng/ul	99
32) 4-Chloroaniline	10.440	127	342500	41.699	ng/ul	99
33) Hexachlorobutadiene	10.581	225	167084	45.362	ng/ul	99
34) Caprolactam	11.245	113	86251m	46.604	ng/ul	
35) 4-Chloro-3-methylphenol	11.575	107	284223	48.814	ng/ul	98

JU 9/3/21

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	607267	45.455	ng/ul	99
37) 1-Methylnaphthalene	12.151	142	587779	43.195	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.304	216	352902	47.808	ng/ul	99
40) Hexachlorocyclopentadiene	12.275	237	153338	38.594	ng/ul	98
41) 2,4,6-Trichlorophenol	12.557	196	243124	49.165	ng/ul	96
42) 2,4,5-Trichlorophenol	12.634	196	262059	48.799	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	830555	45.917	ng/ul#	98
44) 2-Chloronaphthalene	13.004	162	661177	46.138	ng/ul	100
45) 2-Nitroaniline	13.233	65	199484	50.527	ng/ul	96
47) Dimethylphthalate	13.622	163	895677	46.879	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	192736	51.133	ng/ul	97
50) Acenaphthylene	13.863	152	998264	47.080	ng/ul	100
51) 3-Nitroaniline	14.080	138	187746	53.226	ng/ul	93
52) Acenaphthene	14.210	153	714864	46.421	ng/ul	98
53) 2,4-Dinitrophenol	14.292	184	118138	44.827	ng/ul	93
55) 4-Nitrophenol	14.404	109	161134	49.556	ng/ul	83
56) Dibenzofuran	14.551	168	1068805	47.062	ng/ul	99
57) 2,4-Dinitrotoluene	14.545	165	293006	51.829	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.780	232	244668	50.752	ng/ul#	98
59) Diethylphthalate	14.998	149	943538	48.318	ng/ul	98
61) Fluorene	15.204	166	921957	47.978	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.204	204	468089	47.562	ng/ul	100
63) 4-Nitroaniline	15.251	138	198582m	62.849	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.310	198	174404	46.025	ng/ul#	96
67) N-Nitrosodiphenylamine	15.427	169	806126	49.494	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	288309	49.606	ng/ul	96
69) Hexachlorobenzene	16.204	284	336110	49.809	ng/ul	98
70) Atrazine	16.398	200	313672	51.114	ng/ul	98
71) Pentachlorophenol	16.557	266	214283	48.560	ng/ul	97
72) Phenanthrene	16.945	178	1521596	49.121	ng/ul	99
74) Anthracene	17.039	178	1573072	49.620	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.922	216	353335	47.875	ng/uL	98
76) Pentachlorobenzene	14.463	250	364175	47.034	ng/uL	99
77) Carbazole	17.316	167	1410094	48.600	ng/ul	100
78) Di-n-butylphthalate	17.886	149	1727855	51.969	ng/ul	99
80) Fluoranthene	18.968	202	1910776	48.926	ng/ul	96
82) Pyrene	19.339	202	2009568	48.600	ng/ul#	94
83) Butylbenzylphthalate	20.262	149	845195	52.057	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.039	252	702357	45.466	ng/ul	96
85) Benzo(a)anthracene	21.092	228	2107697	49.380	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.039	149	1380871	52.736	ng/ul#	97
87) Chrysene	21.145	228	2032235	49.500	ng/ul	99
89) Di-n-octyl phthalate	21.898	149	2399418	53.316	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	2266160	53.920	ng/ul	99
91) Benzo(k)fluoranthene	22.656	252	2042534	50.200	ng/ul	98
93) Benzo(a)pyrene	23.156	252	1881872	49.585	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.362	276	2158896	44.446	ng/ul	95
95) Dibenzo(a,h)anthracene	25.368	278	1862428	45.591	ng/ul#	96
96) Benzo(g,h,i)perylene	25.997	276	1721460	42.799	ng/ul	95

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

AM-EPA-BM082821.M Wed Sep 01 06:05:06 2021