Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049264.D
Acq On : 10 Jul 2021 13:37
Operator : CG/JU
Sample : PB137498BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 12 09:18:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 12 09:17:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS498

Manual Integrations APPROVED
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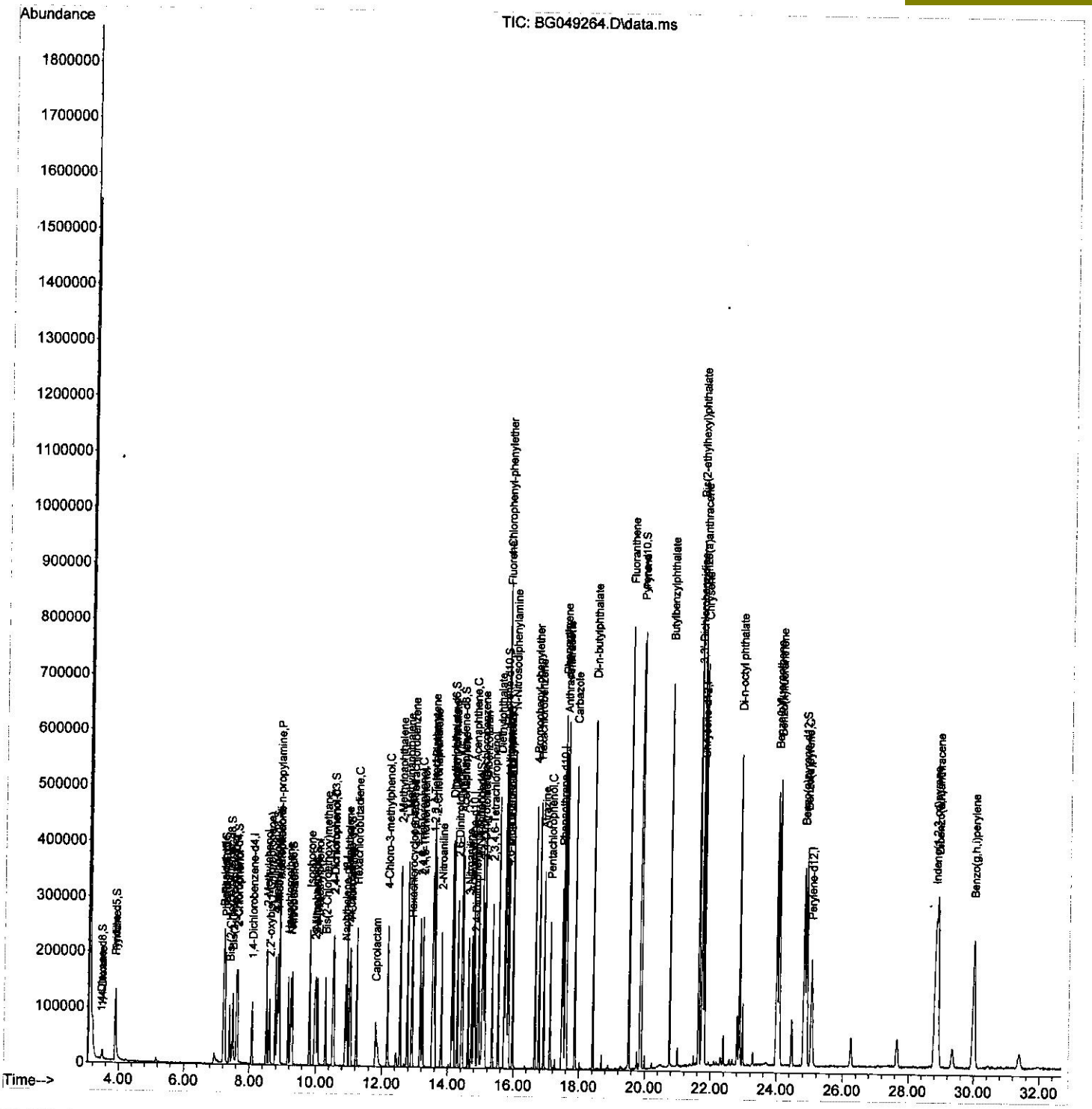
7/12/2021 12:34:44 PM



Quantitation Report (Qedit)

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Acq On : 10 Jul 2021 13:37
Operator : CG/JU
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Quant Time: Jul 20 08:40:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 20 08:18:45 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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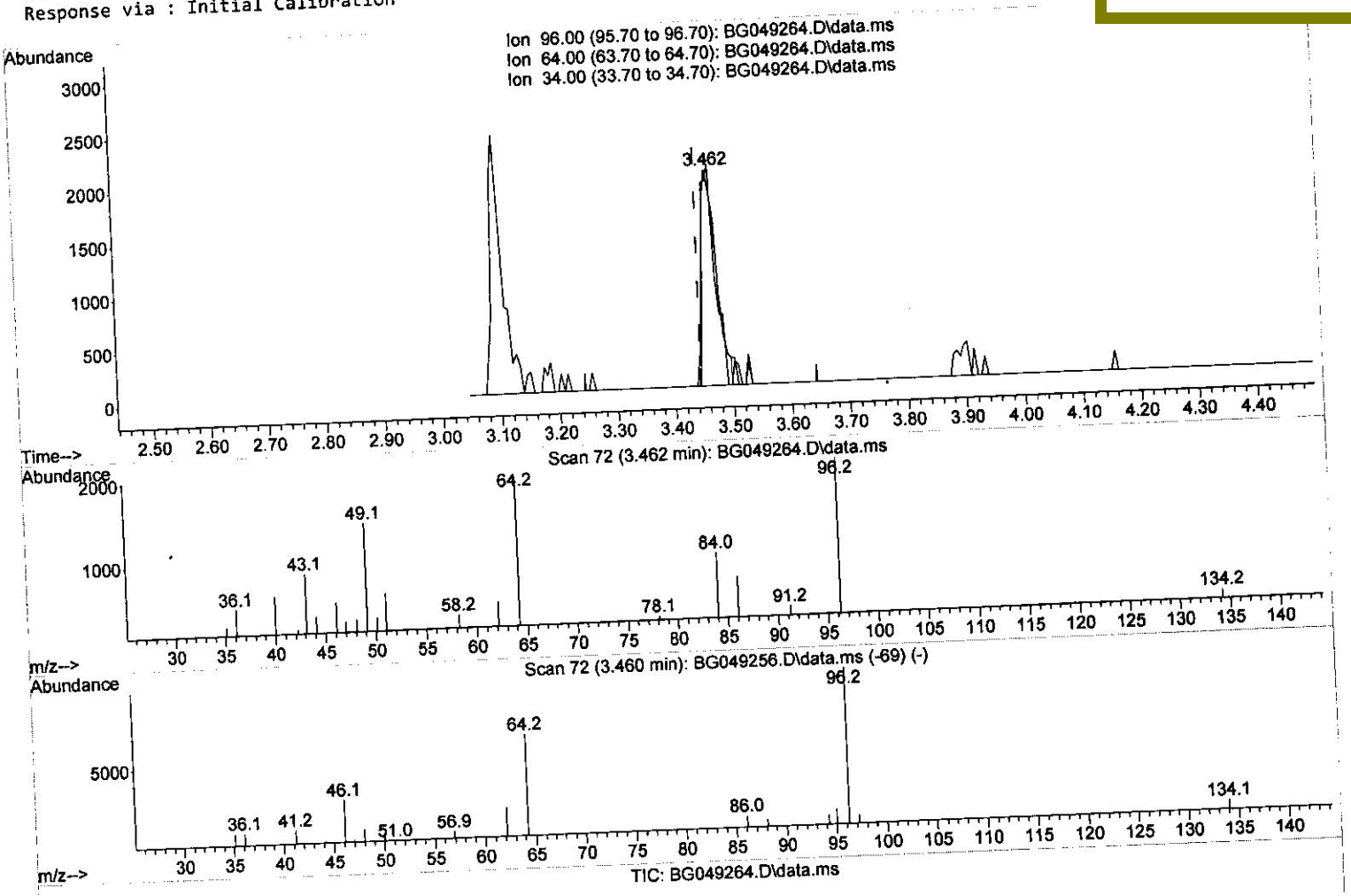

(3) 1,4-Dioxane-d8 (S)

3.462min (+ 0.018) 6.00 ng/uL

response 3670

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	94.85
34.00	0.00	0.00
0.00	0.00	0.00

SFAM-EPA-BG070921.M Tue Jul 20 08:41:09 2021

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Operator : CG/JU
Sample : PB137498BS
Misc :
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ClientSampleId :
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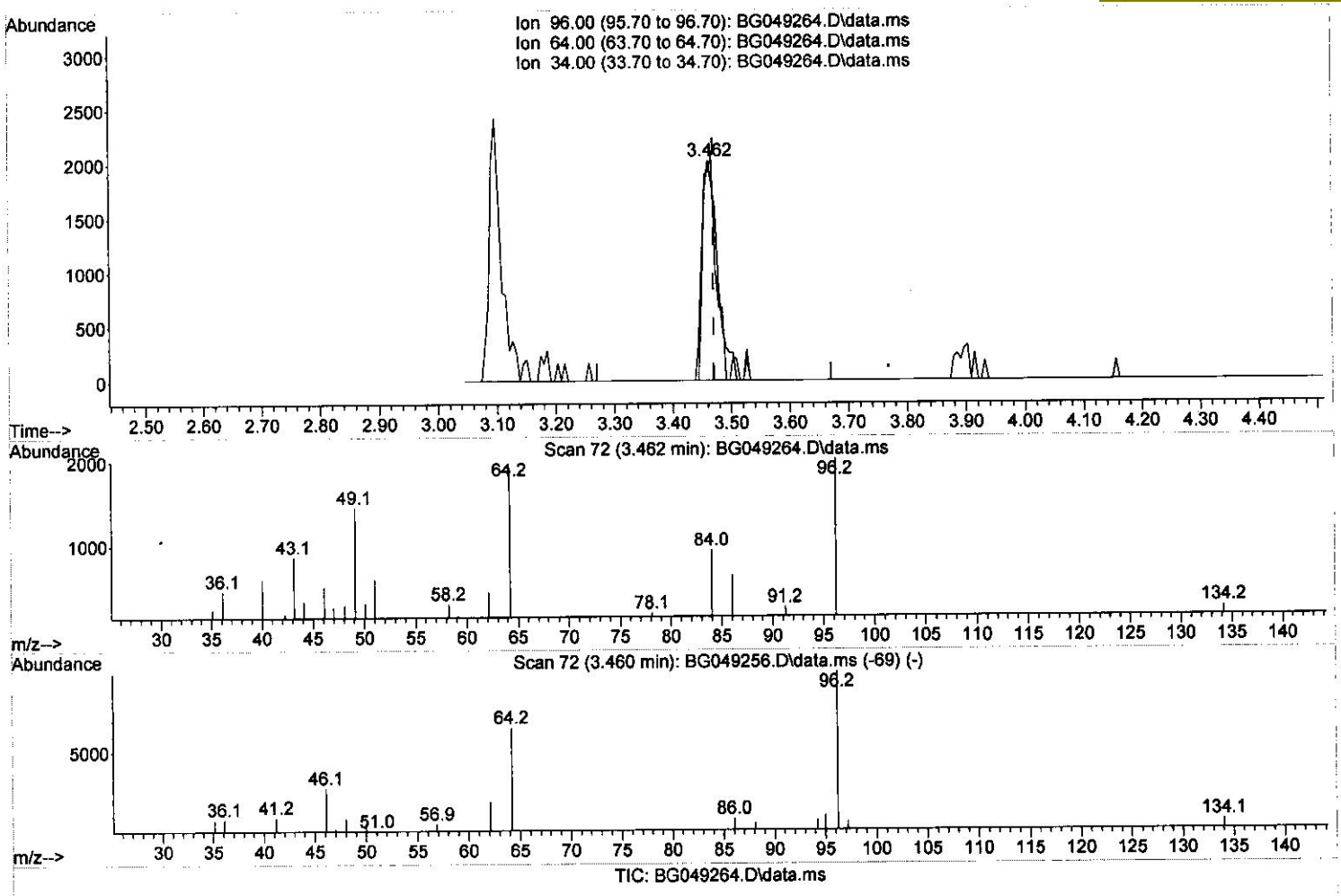

TIC: BG049264.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.462min (-0.008) 6.15 ng/uL m } JV 07-12-21

response 3759

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.20	94.85#
34.00	0.00	0.00
0.00	0.00	0.00

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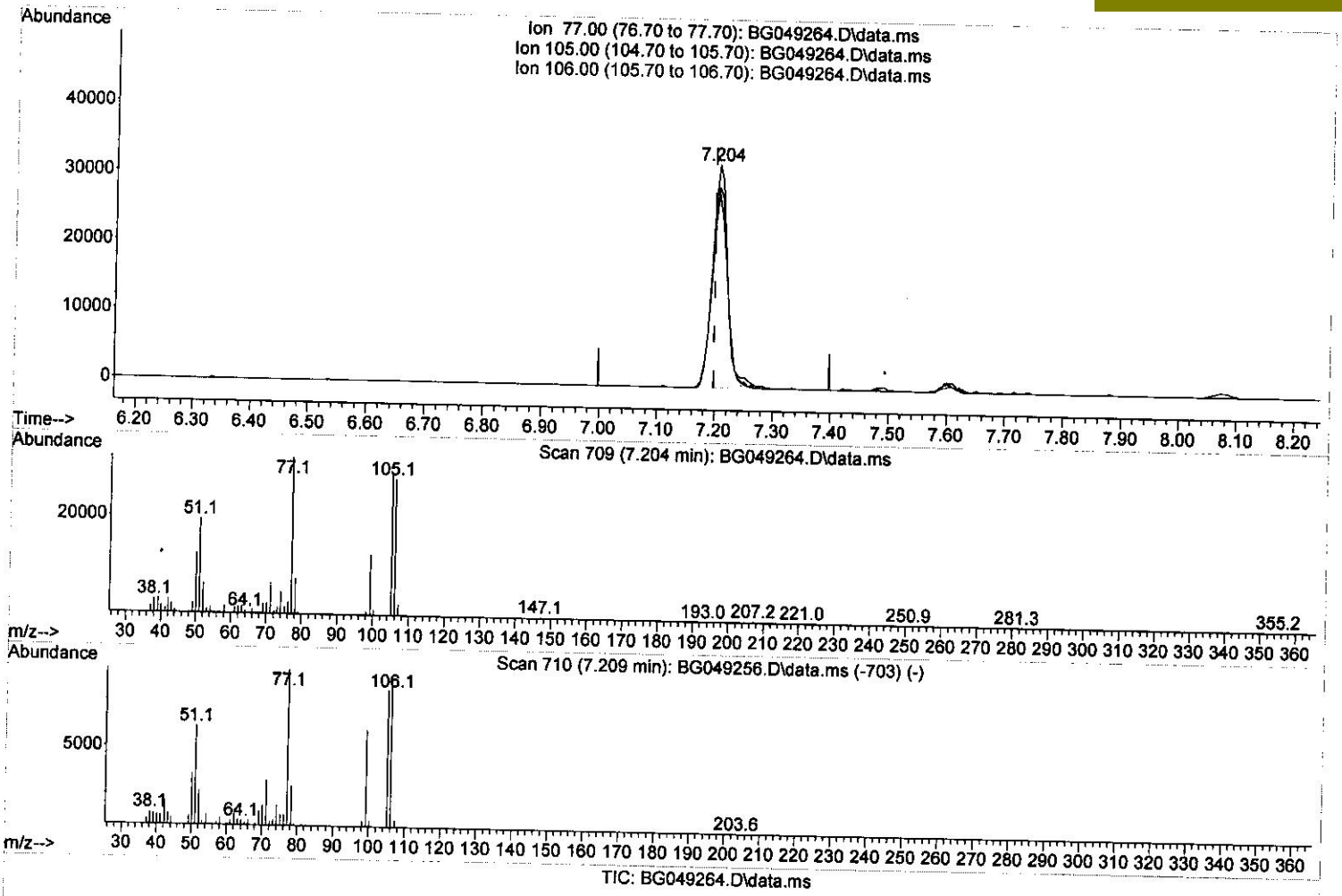

(6) Benzaldehyde

7.204min (+ 0.007) 37.71 ng/ul

response 56757

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.00	90.00
106.00	87.20	87.12
0.00	0.00	0.00

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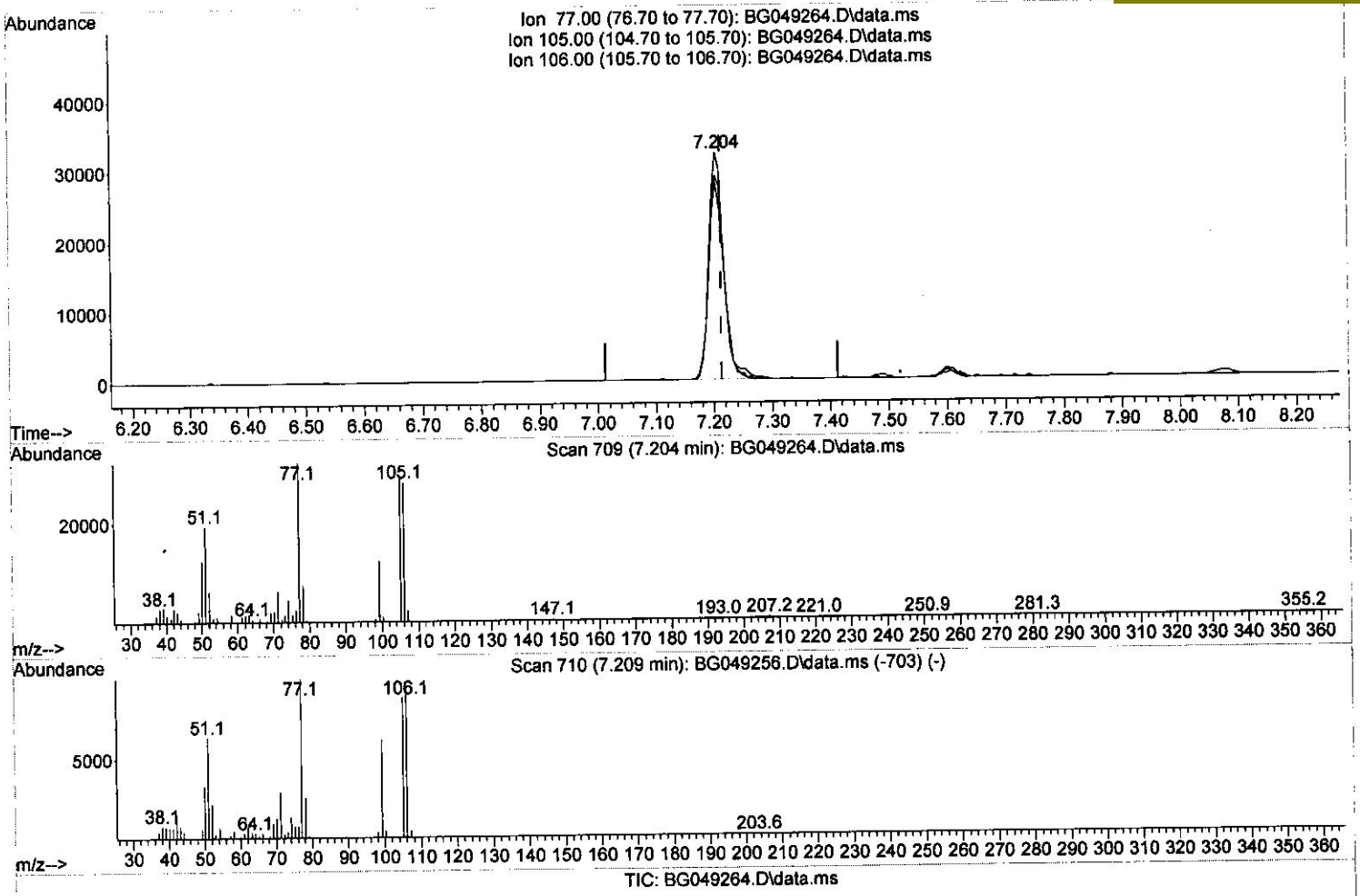

(6) Benzaldehyde

7.204min (-0.008) 38.66 ng/ul m JV 07?2-21

response 58192

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.80	90.00
106.00	90.40	87.12
0.00	0.00	0.00

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Sample : PB137498BS
Misc :
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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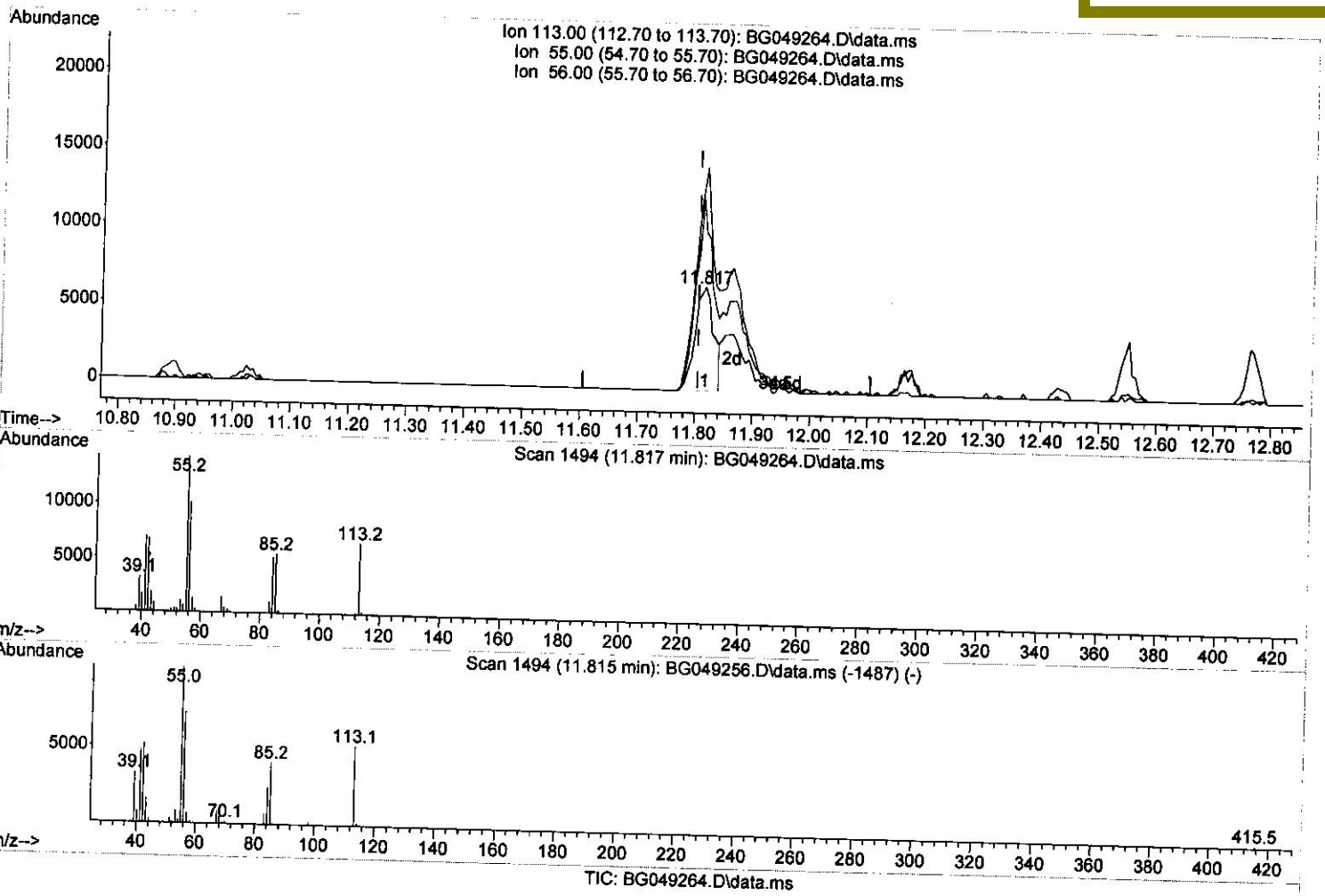

TIC: BG049264.D\data.ms

(34) Caprolactam

11.817min (+ 0.012) 23.02 ng/µl

response 14972

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.50	216.23
56.00	144.60	152.88
0.00	0.00	0.00

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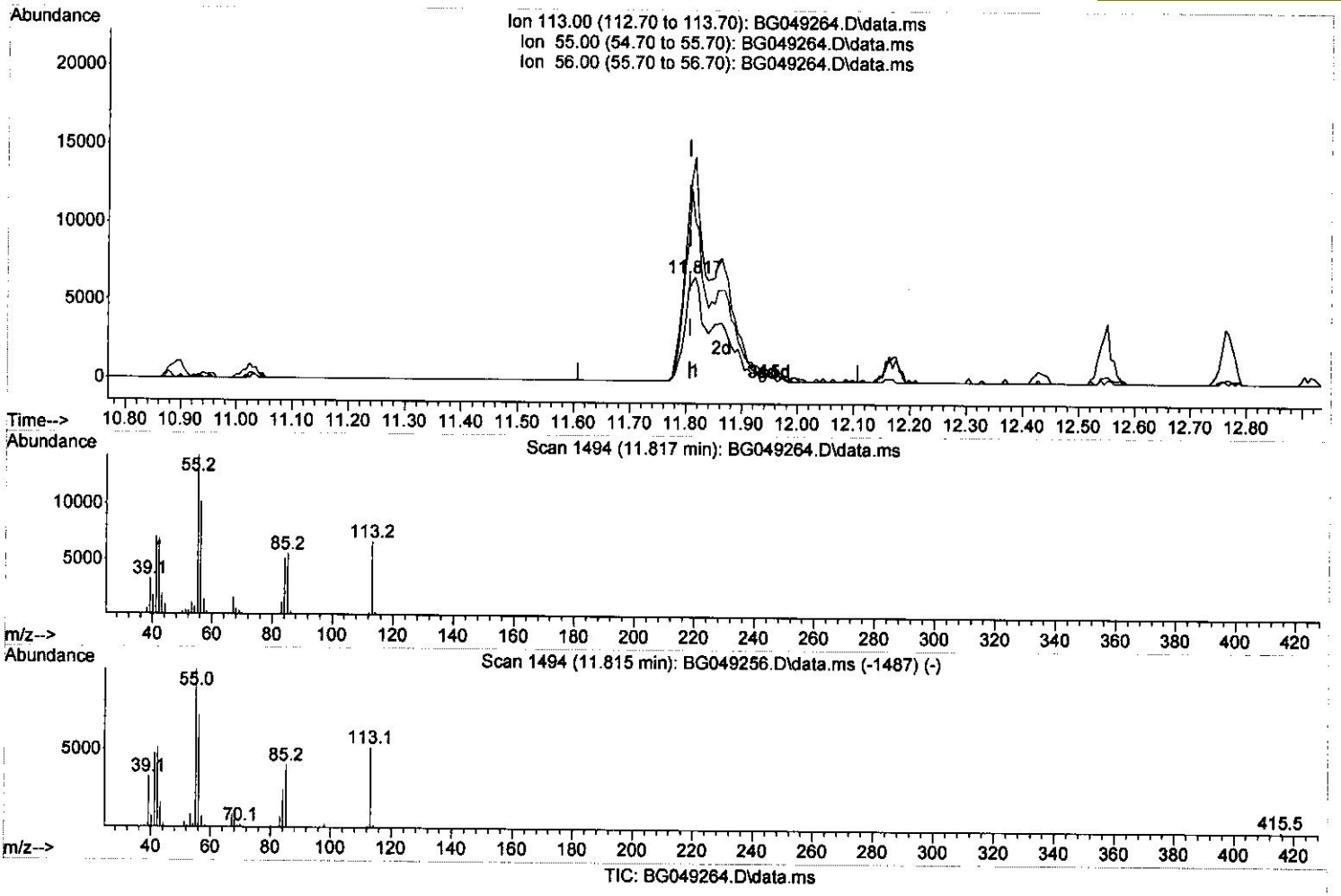

TIC: BG049264.D\data.ms

(34) Caprolactam

11.817min (+ 0.010) 39.88 ng/ul mJV 07-12-21

response 25935

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	223.70	216.23
56.00	171.90	152.88
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	8.074	152	28763	20.00	ng/ul	0.00
20) Naphthalene-d8	10.894	136	119017	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.719	164	85688	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	212025	20.00	ng/ul	0.00
79) Chrysene-d12	21.758	240	208831	20.00	ng/ul	0.00
88) Perylene-d12	25.048	264	199097	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.462	96	3759m	6.15	ng/uL	0.00
4) Pyridine-d5	3.885	84	45382	25.24	ng/ul	0.00
7) Phenol-d5	7.222	99	84907	33.94	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	50668	34.92	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	64118	34.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.779	113	66632	33.24	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	33981	37.21	ng/ul	0.00
24) 2-Nitrophenol-d4	9.972	143	38771	36.98	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.512	165	77845	38.05	ng/ul	0.00
31) 4-Chloroaniline-d4	11.023	131	82945	31.11	ng/ul	0.00
46) Dimethylphthalate-d6	14.120	166	257279	39.04	ng/ul	0.00
49) Acenaphthylene-d8	14.414	160	294779	38.12	ng/ul	0.00
54) 4-Nitrophenol-d4	14.913	143	42805	39.24	ng/ul	0.00
60) Fluorene-d10	15.712	176	218889	39.23	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.824	200	51567	38.26	ng/ul	0.00
73) Anthracene-d10	17.569	188	339081	35.13	ng/ul	0.00
81) Pyrene-d10	19.854	212	426599	39.86	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.825	264	444630	42.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.491	88	10017	13.45	ng/uL#	90
5) Pyridine	3.902	79	54065	27.11	ng/ul	95
6) Benzaldehyde	7.204	77	58192m	38.66	ng/ul	
8) Phenol	7.251	94	85048	33.99	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.486	93	60716	32.63	ng/ul#	82
12) 2-Chlorophenol	7.633	128	63060	33.79	ng/ul	98
13) 2-Methylphenol	8.509	108	63268	33.20	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.603	45	107670	35.98	ng/ul#	92
16) Acetophenone	8.902	105	118141	35.93	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.885	70	60192	36.02	ng/ul	94
18) 4-Methylphenol	8.844	108	69690	35.15	ng/ul	98
19) Hexachloroethane	9.167	117	28448	33.66	ng/ul	90
22) Nitrobenzene	9.284	77	92713	36.00	ng/ul#	98
23) Isophorone	9.807	82	166561	37.44	ng/ul	98
25) 2-Nitrophenol	9.995	139	39546	36.97	ng/ul	93
26) 2,4-Dimethylphenol	10.054	107	53013	22.38	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.289	93	88807	37.44	ng/ul	91
29) 2,4-Dichlorophenol	10.536	162	69377	37.12	ng/ul	94
30) Naphthalene	10.947	128	216984	36.57	ng/ul	99
32) 4-Chloroaniline	11.053	127	80627	30.68	ng/ul	98
33) Hexachlorobutadiene	11.229	225	58247	36.75	ng/ul	97
34) Caprolactam	11.817	113	25935m	39.88	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	81993	39.27	ng/ul	92
36) 2-Methylnaphthalene	12.551	142	167838	37.23	ng/ul	94

JV 0712-21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.768	142	162008	36.13	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.915	216	102739	38.17	ng/ul	98
40) Hexachlorocyclopentadiene	12.892	237	43305	24.23	ng/ul	96
41) 2,4,6-Trichlorophenol	13.150	196	63170	36.28	ng/ul	91
42) 2,4,5-Trichlorophenol	13.227	196	69336	37.44	ng/ul	96
43) 1,1'-Biphenyl	13.550	154	223239	38.56	ng/ul	98
44) 2-Chloronaphthalene	13.597	162	171548	37.82	ng/ul	98
45) 2-Nitroaniline	13.797	65	68891	41.43	ng/ul	93
47) Dimethylphthalate	14.167	163	244207	39.92	ng/ul#	99
48) 2,6-Dinitrotoluene	14.290	165	53837	40.87	ng/ul	89
50) Acenaphthylene	14.443	152	264910	38.52	ng/ul	97
51) 3-Nitroaniline	14.619	138	49402	41.18	ng/ul	97
52) Acenaphthene	14.784	153	196538	39.35	ng/ul	99
53) 2,4-Dinitrophenol	14.825	184	34965	41.88	ng/ul	91
55) 4-Nitrophenol	14.925	109	56282	40.87	ng/ul	100
56) Dibenzofuran	15.119	168	280084	39.57	ng/ul	95
57) 2,4-Dinitrotoluene	15.077	165	78592	41.34	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.342	232	59990	34.55	ng/ul#	98
59) Diethylphthalate	15.530	149	265881	40.44	ng/ul	93
61) Fluorene	15.771	166	244590	40.83	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.759	204	134266	40.77	ng/ul	100
63) 4-Nitroaniline	15.783	138	54610	46.38	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.841	198	49787	38.82	ng/ul#	98
67) N-Nitrosodiphenylamine	15.971	169	209372	38.79	ng/ul	99
68) 4-Bromophenyl-phenylether	16.652	248	93529	39.55	ng/ul	96
69) Hexachlorobenzene	16.775	284	108698	40.59	ng/ul	95
70) Atrazine	16.916	200	64990	26.31	ng/ul	95
71) Pentachlorophenol	17.116	266	47932	29.99	ng/ul	97
72) Phenanthrene	17.516	178	401240	38.80	ng/ul	98
74) Anthracene	17.604	178	383051	36.26	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.520	216	107360	37.12	ng/uL	96
76) Pentachlorobenzene	15.036	250	112688	36.72	ng/uL	98
77) Carbazole	17.868	167	364163	38.64	ng/ul	100
78) Di-n-butylphthalate	18.426	149	449152	38.09	ng/ul	99
80) Fluoranthene	19.519	202	512534	41.17	ng/ul	99
82) Pyrene	19.884	202	499607	40.28	ng/ul	99
83) Butylbenzylphthalate	20.759	149	201995	41.48	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.646	252	165791	33.98	ng/ul	98
85) Benzo(a)anthracene	21.734	228	503857	39.26	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.634	149	286981	40.41	ng/ul	97
87) Chrysene	21.805	228	477793	39.36	ng/ul	98
89) Di-n-octyl phthalate	22.868	149	487253	43.48	ng/ul	100
90) Benzo(b)fluoranthene	24.002	252	549677	44.75	ng/ul#	98
91) Benzo(k)fluoranthene	24.073	252	519948	43.42	ng/ul	96
93) Benzo(a)pyrene	24.901	252	462729	42.81	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.820	276	624494	44.78	ng/ul	98
95) Dibenzo(a,h)anthracene	28.891	278	524271	45.39	ng/ul	94
96) Benzo(g,h,i)perylene	30.001	276	512835	44.48	ng/ul	94

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