Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030829.D
Acq On : 06 Jul 2021 20:55
Operator : CG/JU
Sample : M2905-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 07 02:26:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBK22MSD

Manual Integrations APPROVED
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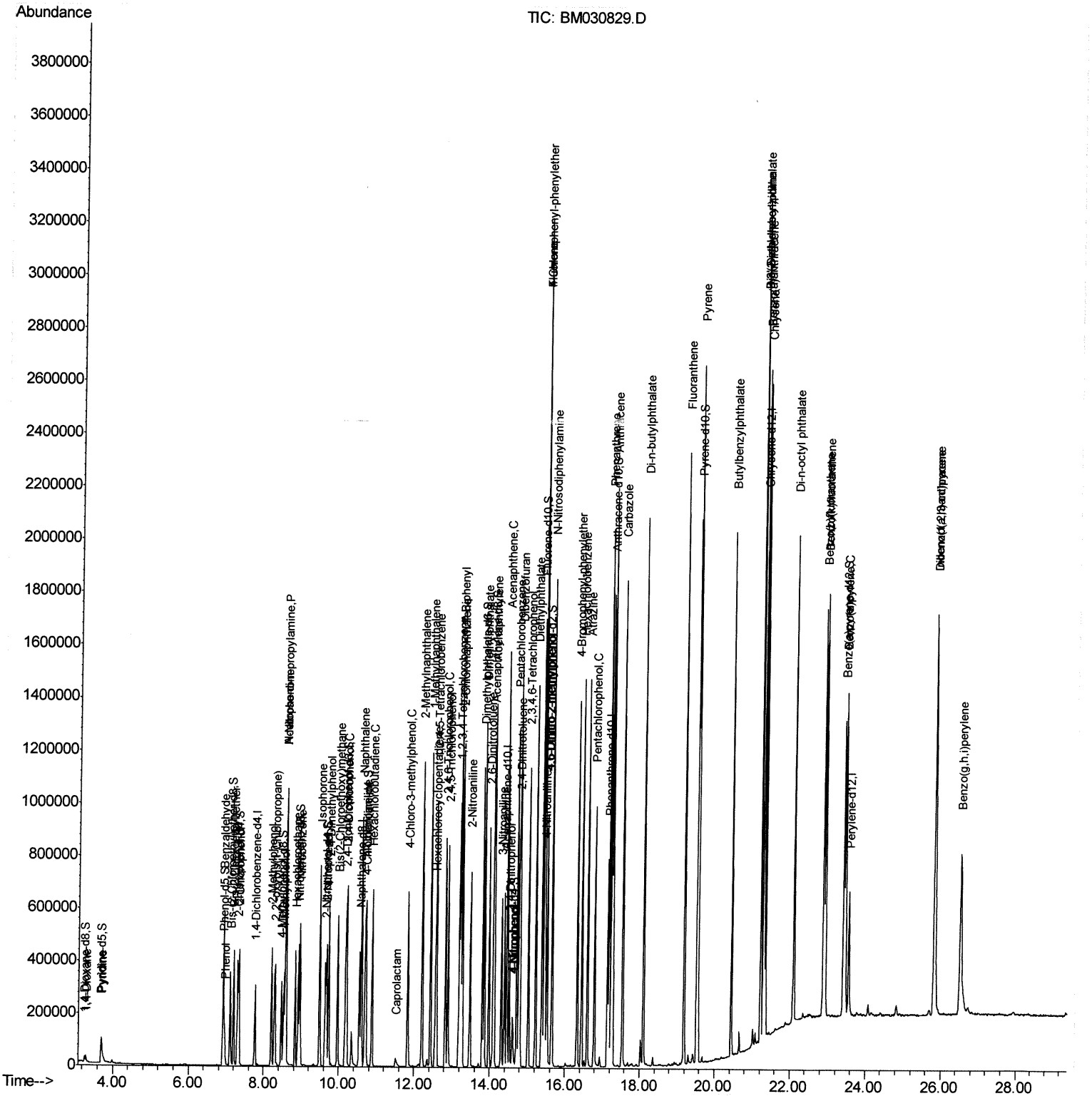

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Data File : BM030829.D
Acq On : 06 Jul 2021 20:55
Operator : CG/JU
Sample : M2905-07MSD
Misc :
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Quant Time: Jul 07 01:29:20 2021
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Quant Title : SVOA CALIBRATION
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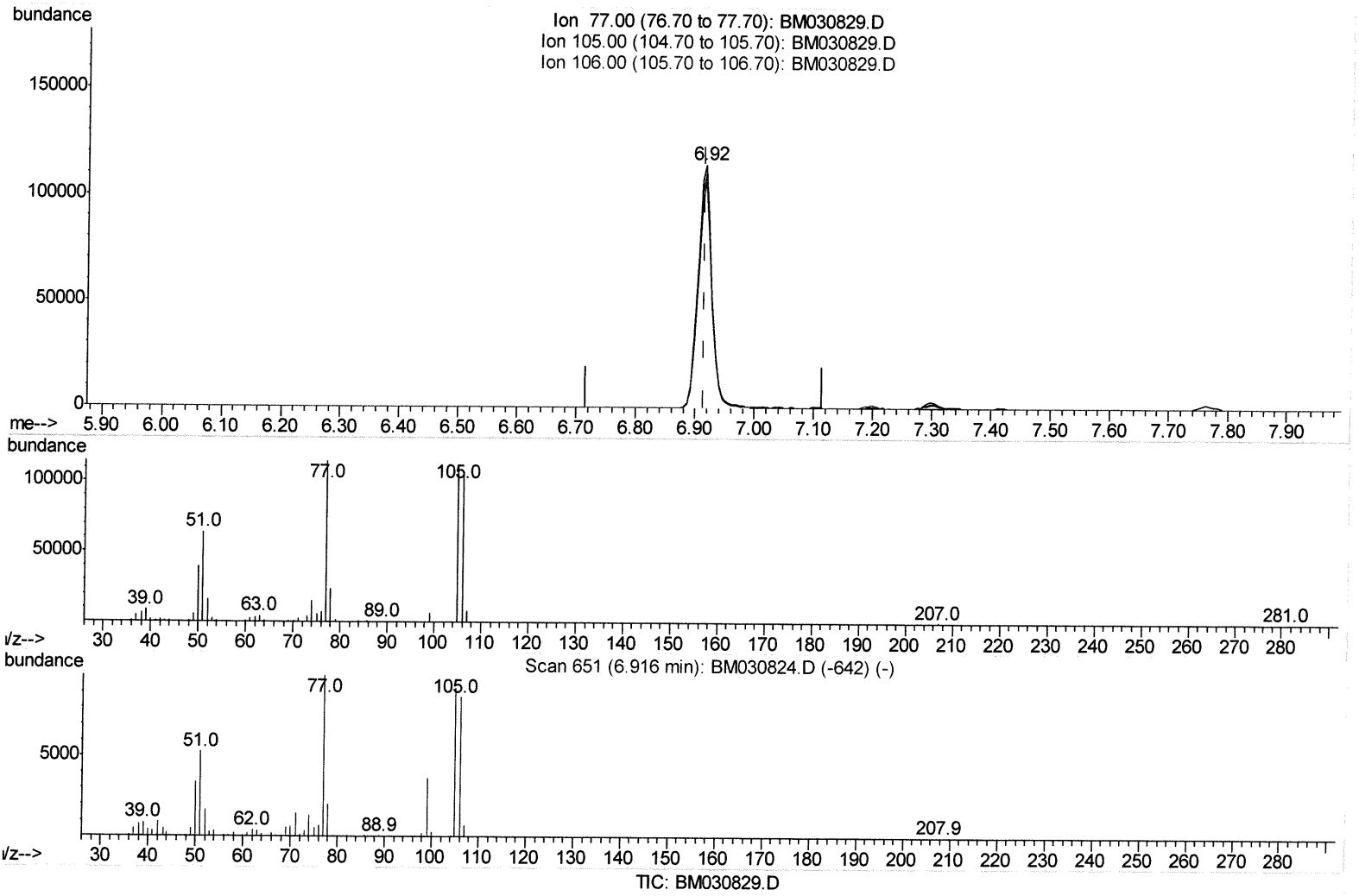

(6) Benzaldehyde

6.916min (-0.000) 51.29ng/ul

response 186083

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	96.33
106.00	89.20	93.08
0.00	0.00	0.00

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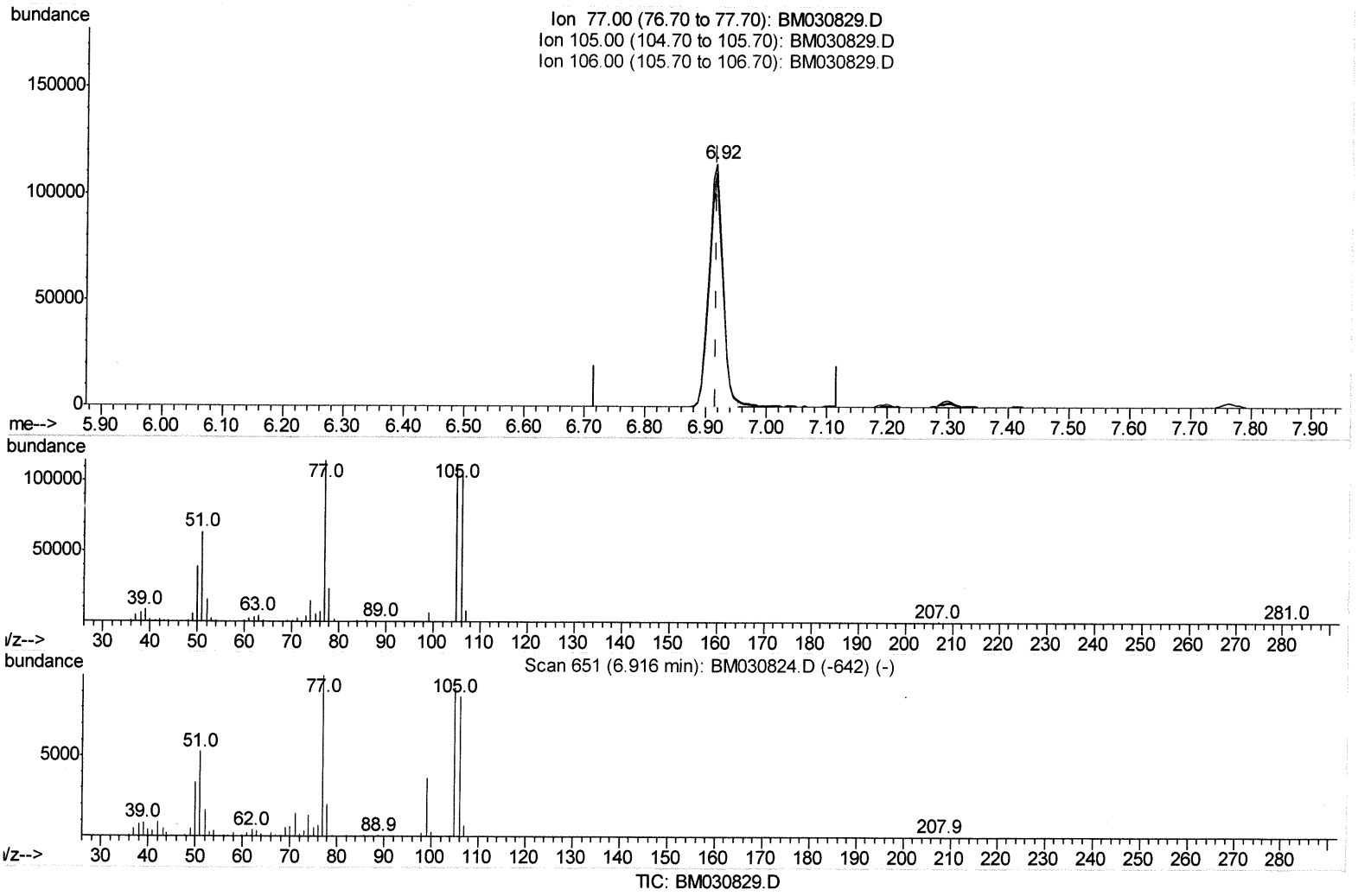

TIC: BM030829.D

(6) Benzaldehyde

6.916min (-0.000) 50.50ng/ul m

Jul 7 (8/21)

response 183187

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	96.33
106.00	89.20	93.08
0.00	0.00	0.00

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Acq On : 06 Jul 2021 20:55
Operator : CG/JU
Sample : M2905-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 07 02:26:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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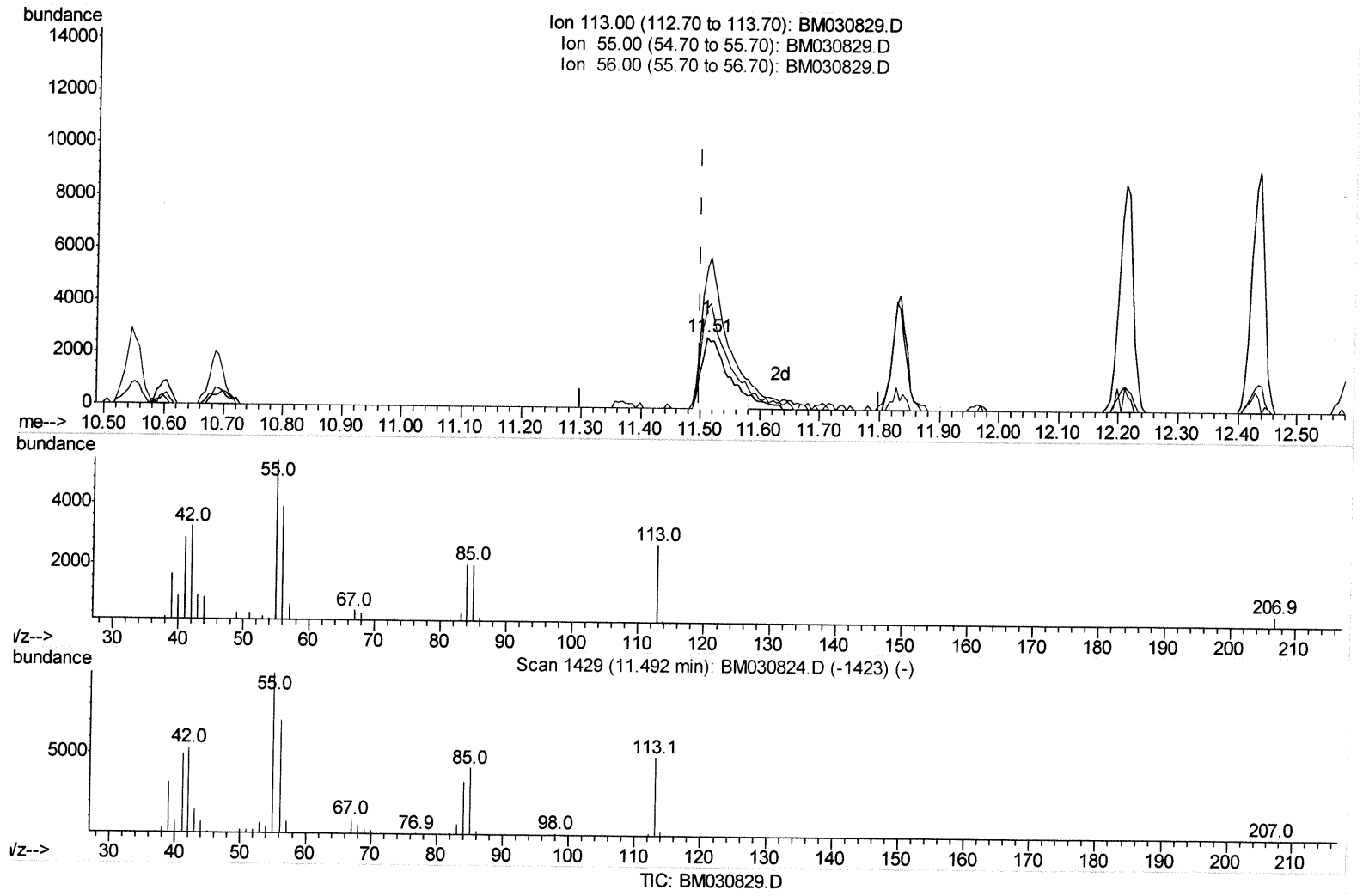

(34) Caprolactam

11.510min (+0.012) 5.38ng/ul

response 8163

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	198.68
56.00	135.20	141.57
0.00	0.00	0.00

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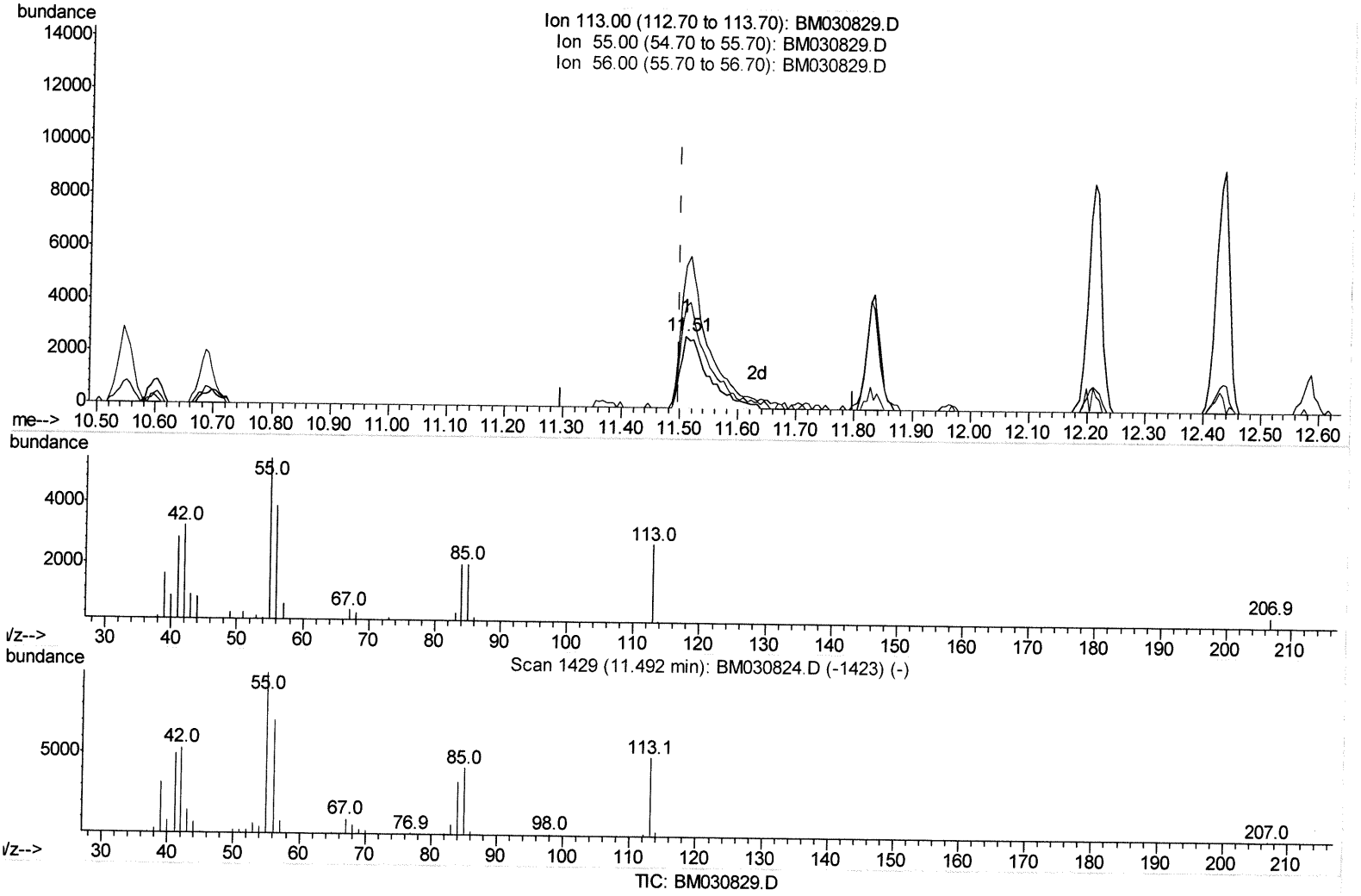

(34) Caprolactam

11.510min (+0.012) 5.95ng/ul m JU7/8/21

response 9025

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	198.68
56.00	135.20	141.57
0.00	0.00	0.00

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Misc :
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Instrument :
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Quant Time: Jul 07 02:26:54 2021
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	80688	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	345373	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	227908	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	466025	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	386962	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	318814	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	9511	4.61	ng/uL	0.00
4) Pyridine-d5	3.69	84	42959	7.96	ng/ul	0.01
7) Phenol-d5	6.93	99	60890	8.64	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	164618	36.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	165920	30.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	111110	19.66	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	101413	39.48	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	110523	39.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	203512	37.63	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	239876	31.23	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	733077	45.94	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	861109	42.73	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	28860	10.39	ng/ul	0.00
60) Fluorene-d10	15.39	176	626201	44.57	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	131115	43.88	ng/ul	0.00
73) Anthracene-d10	17.23	188	975984	44.94	ng/ul	0.00
81) Pyrene-d10	19.52	212	1034631	48.48	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	767965	46.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	11810	5.548	ng/uL	95
5) Pyridine	3.70	79	55233	9.383	ng/ul	99
6) Benzaldehyde	6.92	77	183187m	50.495	ng/ul	>99
8) Phenol	6.96	94	74850	10.358	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.19	93	225347	40.034	ng/ul	99
12) 2-Chlorophenol	7.33	128	180274	33.268	ng/ul	99
13) 2-Methylphenol	8.20	108	135066	25.710	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.30	45	365888	39.474	ng/ul	99
16) Acetophenone	8.59	105	364258	40.965	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.57	70	198666	44.977	ng/ul	99
18) 4-Methylphenol	8.53	108	130083	22.566	ng/ul	94
19) Hexachloroethane	8.83	117	81237	35.627	ng/ul	99
22) Nitrobenzene	8.96	77	282459	42.765	ng/ul	97
23) Isophorone	9.49	82	524393	45.494	ng/ul	100
25) 2-Nitrophenol	9.67	139	131263	43.561	ng/ul	95
26) 2,4-Dimethylphenol	9.73	107	204412	32.709	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.97	93	319778	43.839	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	210874	40.196	ng/ul	98
30) Naphthalene	10.60	128	710657	40.919	ng/ul	99
32) 4-Chloroaniline	10.71	127	273008	35.428	ng/ul	99
33) Hexachlorobutadiene	10.88	225	135860	38.096	ng/ul	98
34) Caprolactam	11.51	113	9025m	5.947	ng/ul	>99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	215527	40.538 ng/ul	99
36) 2-Methylnaphthalene	12.21	142	541580	43.737 ng/ul	100
37) 1-Methylnaphthalene	12.43	142	522887	41.655 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	293947	42.519 ng/ul	99
40) Hexachlorocyclopentadiene	12.56	237	121663	28.951 ng/ul	99
41) 2,4,6-Trichlorophenol	12.82	196	202432	46.413 ng/ul	98
42) 2,4,5-Trichlorophenol	12.89	196	218936	47.359 ng/ul	99
43) 1,1'-Biphenyl	13.23	154	723922	43.592 ng/ul	99
44) 2-Chloronaphthalene	13.27	162	558888	43.003 ng/ul	99
45) 2-Nitroaniline	13.48	65	195488	53.531 ng/ul	97
47) Dimethylphthalate	13.86	163	790680	50.583 ng/ul	99
48) 2,6-Dinitrotoluene	13.98	165	168477	55.961 ng/ul	97
50) Acenaphthylene	14.12	152	892589	47.405 ng/ul	99
51) 3-Nitroaniline	14.31	138	151245	48.084 ng/ul	97
52) Acenaphthene	14.46	153	630110	45.874 ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	86041	47.960 ng/ul	100
55) 4-Nitrophenol	14.62	109	28547	12.113 ng/ul	95
56) Dibenzofuran	14.79	168	907797	46.937 ng/ul	100
57) 2,4-Dinitrotoluene	14.77	165	240011	57.182 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.02	232	204851	53.294 ng/ul	96
59) Diethylphthalate	15.22	149	824365	53.136 ng/ul	99
61) Fluorene	15.44	166	784528	49.248 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.44	204	396875	49.501 ng/ul	99
63) 4-Nitroaniline	15.47	138	166752	55.651 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.53	198	140928	48.852 ng/ul#	97
67) N-Nitrosodiphenylamine	15.65	169	664222	47.810 ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	241084	49.120 ng/ul	98
69) Hexachlorobenzene	16.44	284	278543	50.004 ng/ul	98
70) Atrazine	16.60	200	253296	51.190 ng/ul	100
71) Pentachlorophenol	16.79	266	165474	48.884 ng/ul	99
72) Phenanthrene	17.18	178	1239355	49.839 ng/ul	100
74) Anthracene	17.27	178	1261915	49.390 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	281422	38.951 ng/uL	99
76) Pentachlorobenzene	14.72	250	298323	42.197 ng/uL	99
77) Carbazole	17.54	167	1124928	50.649 ng/ul	100
78) Di-n-butylphthalate	18.10	149	1410364	55.099 ng/ul	100
80) Fluoranthene	19.19	202	1399505	53.182 ng/ul	97
82) Pyrene	19.55	202	1432469	52.522 ng/ul	99
83) Butylbenzylphthalate	20.44	149	534879	57.372 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.22	252	319422	45.236 ng/ul	100
85) Benzo(a)anthracene	21.29	228	1210047	50.015 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.22	149	799268	58.154 ng/ul	98
87) Chrysene	21.34	228	1172600	49.258 ng/ul	99
89) Di-n-octyl phthalate	22.09	149	1123422	56.741 ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	1079175	52.548 ng/ul	99
91) Benzo(k)fluoranthene	22.92	252	1015920	50.894 ng/ul	99
93) Benzo(a)pyrene	23.46	252	902638	49.667 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.83	276	1124628	49.758 ng/ul	99
95) Dibenzo(a,h)anthracene	25.83	278	948377	50.044 ng/ul	99
96) Benzo(g,h,i)perylene	26.52	276	903227	49.844 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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