Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030828.D
Acq On : 06 Jul 2021 20:19
Operator : CG/JU
Sample : M2905-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 07 02:20:34 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 :
DBK22MS

Manual Integrations APPROVED
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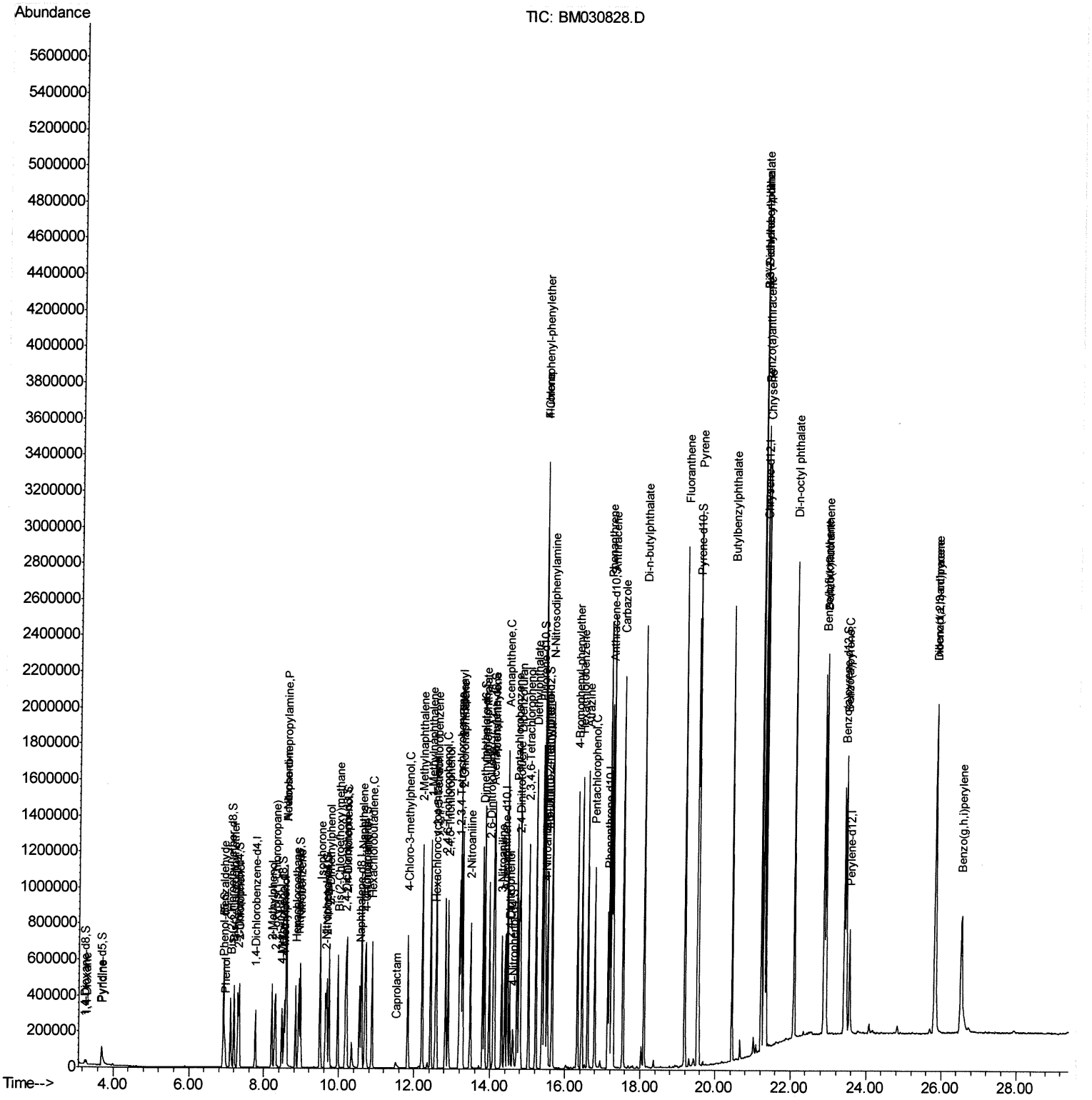

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Data File : BM030828.D
Acq On : 06 Jul 2021 20:19
Operator : CG/JU
Sample : M2905-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 07 01:29:11 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
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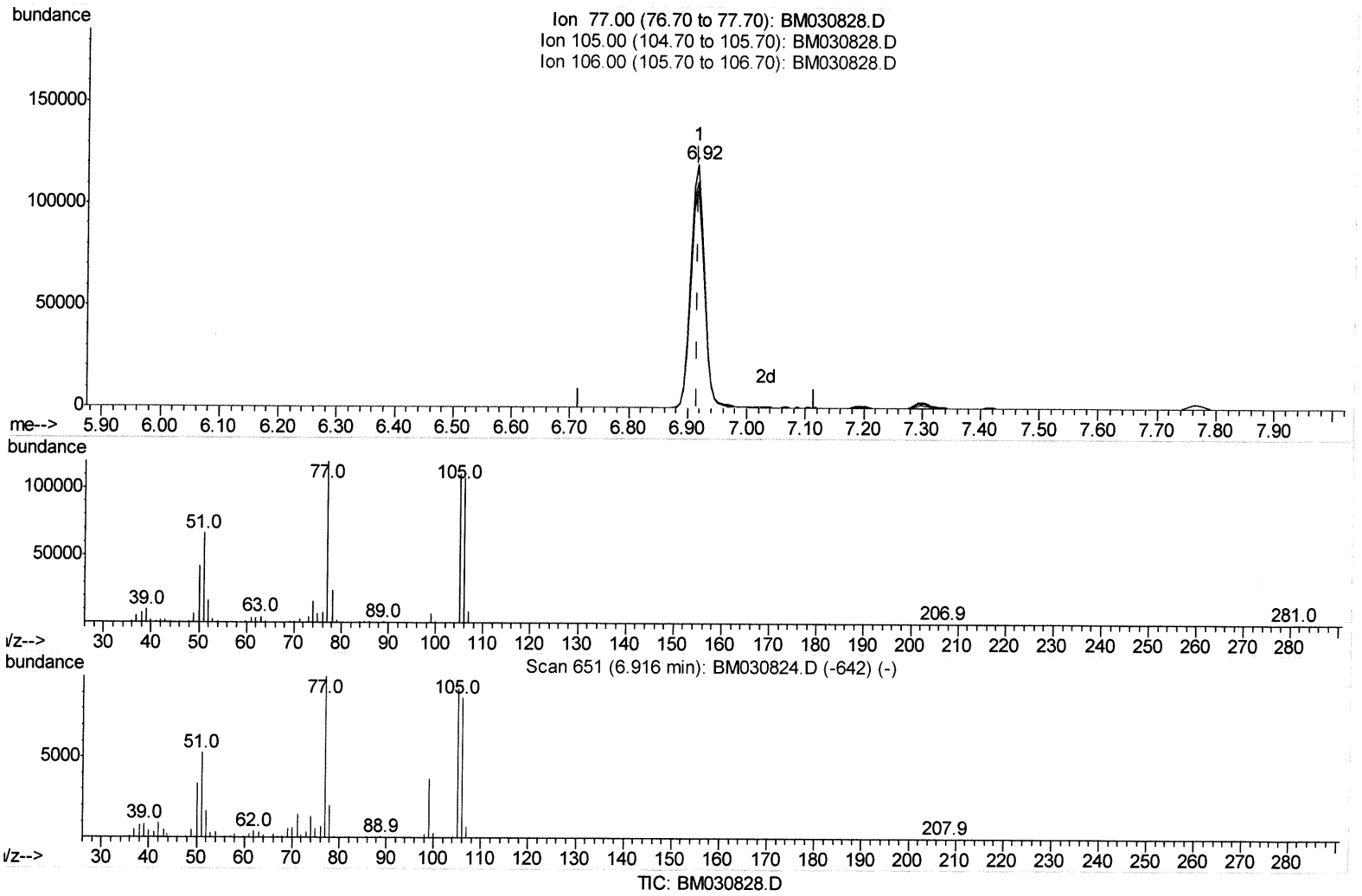

(6) Benzaldehyde

6.916min (-0.000) 52.79ng/ul

response 195186

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	92.63
106.00	89.20	89.77
0.00	0.00	0.00

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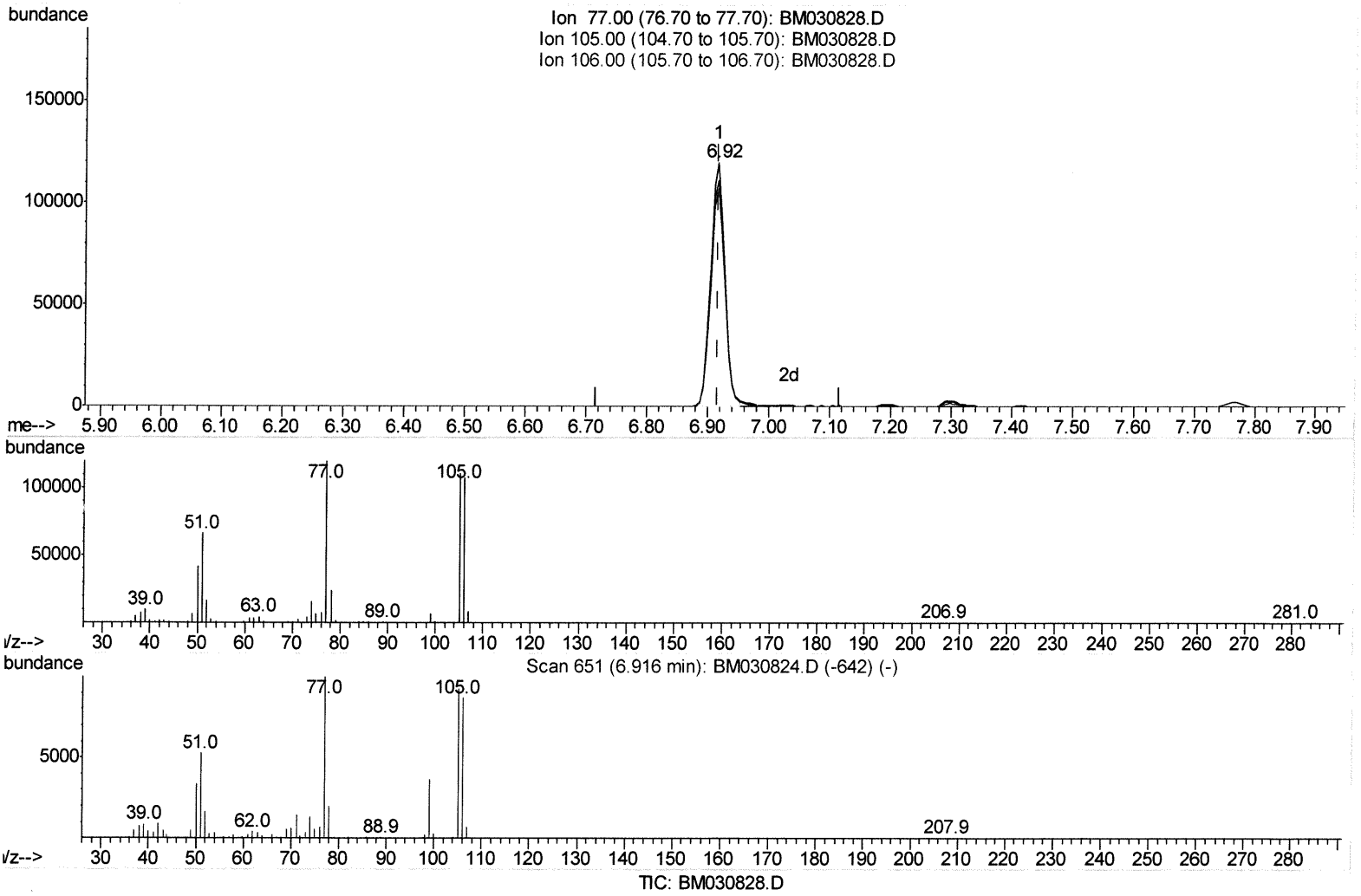

(6) Benzaldehyde

6.916min (-0.000) 51.77ng/ul m

response 191421

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	92.63
106.00	89.20	89.77
0.00	0.00	0.00

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Acq On : 06 Jul 2021 20:19
Operator : CG/JU
Sample : M2905-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 07 02:19:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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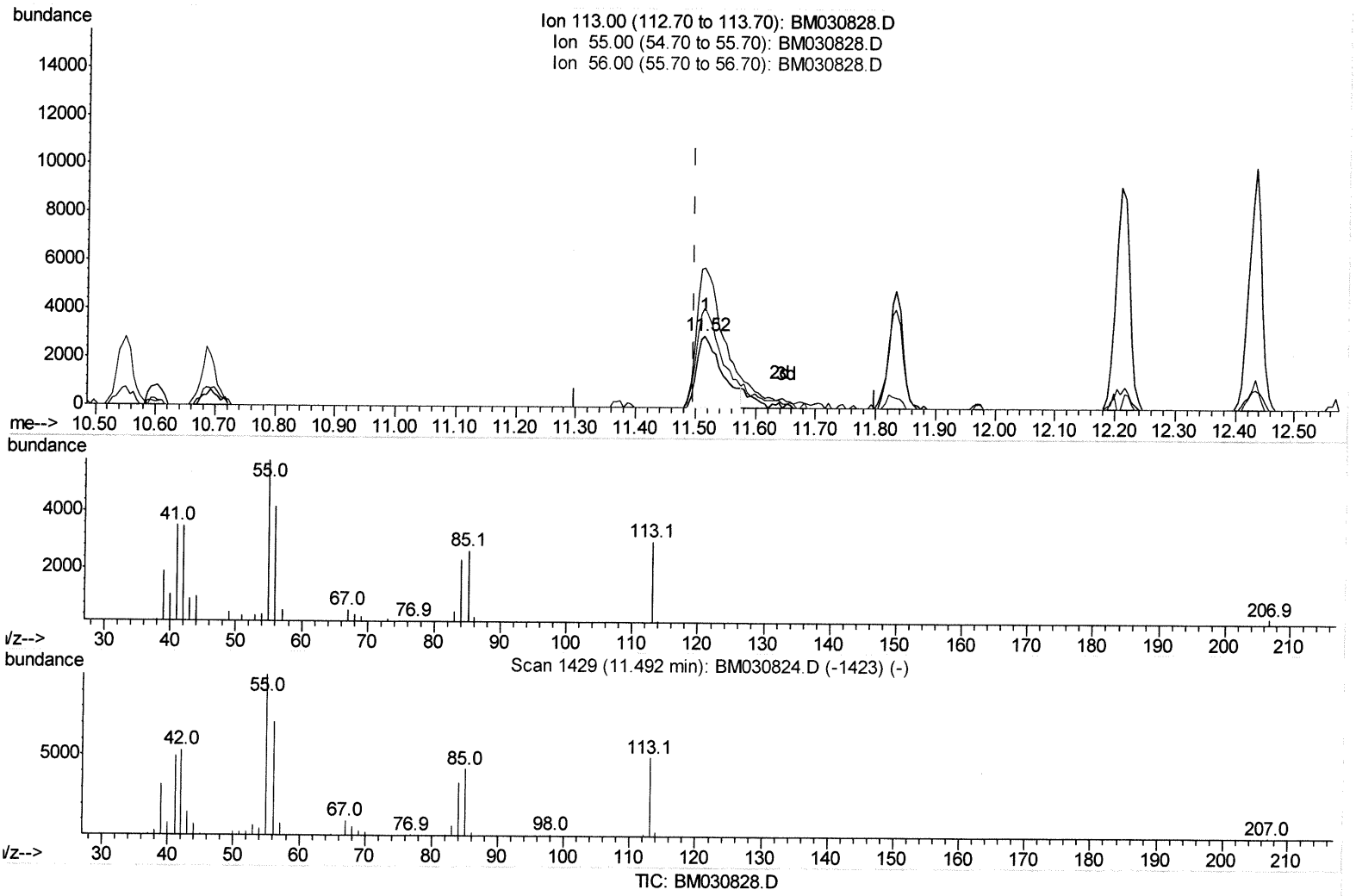

(34) Caprolactam

11.516min (+0.018) 5.42ng/ul

response 8653

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	193.26
56.00	135.20	139.21
0.00	0.00	0.00

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 07 02:19:36 2021
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ClientSampleId :
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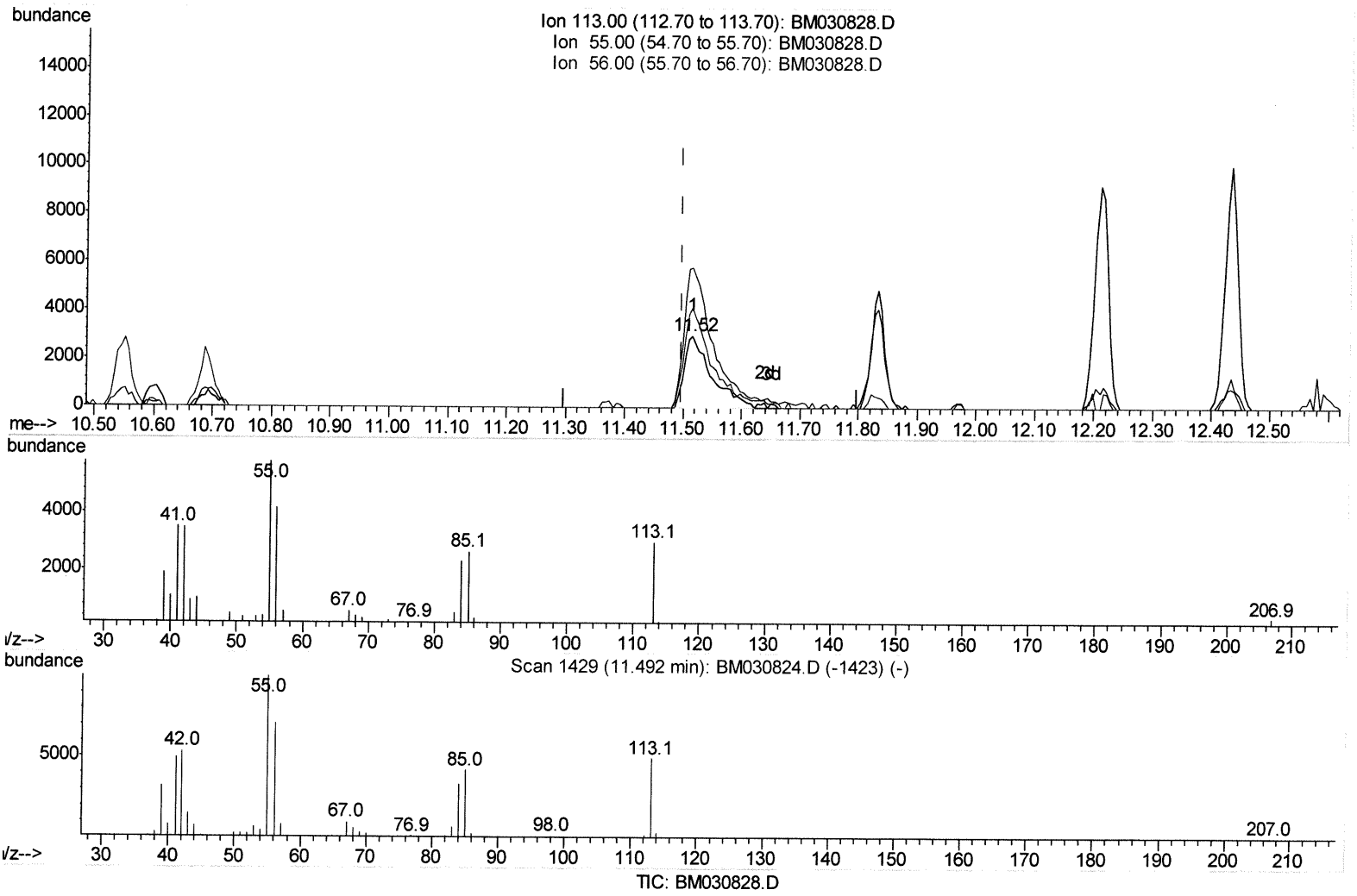

TIC: BM030828.D

(34) Caprolactam

11.516min (+0.018) 6.05ng/ul m

response 9661

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	193.26
56.00	135.20	139.21
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	82234	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	363332	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	246139	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	528253	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	508476	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	389495	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	10382	4.93	ng/uL	0.00
4) Pyridine-d5	3.69	84	47079	8.55	ng/ul	0.01
7) Phenol-d5	6.93	99	63478	8.83	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	171134	36.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	169537	30.75	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	117220	20.36	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	106459	39.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	116612	39.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	212054	37.27	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	258732	32.02	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	807057	46.83	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	931000	42.77	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	33741	11.25	ng/ul	0.00
60) Fluorene-d10	15.39	176	687704	45.32	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	151367	44.69	ng/ul	0.00
73) Anthracene-d10	17.23	188	1122480	45.60	ng/ul	0.00
81) Pyrene-d10	19.52	212	1270057	45.29	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	965310	48.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	12196	5.621	ng/uL	97
5) Pyridine	3.70	79	54035	9.007	ng/ul	98
6) Benzaldehyde	6.92	77	191421m	51.773	ng/ul	99
8) Phenol	6.96	94	78323	10.635	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.19	93	232485	40.525	ng/ul	99
12) 2-Chlorophenol	7.33	128	188300	34.096	ng/ul	99
13) 2-Methylphenol	8.20	108	141823	26.489	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.29	45	385403	40.798	ng/ul	99
16) Acetophenone	8.59	105	388949	42.919	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.57	70	209829	46.612	ng/ul	98
18) 4-Methylphenol	8.53	108	135831	23.120	ng/ul	96
19) Hexachloroethane	8.84	117	83176	35.791	ng/ul	92
22) Nitrobenzene	8.96	77	300028	43.180	ng/ul	98
23) Isophorone	9.49	82	565196	46.610	ng/ul	99
25) 2-Nitrophenol	9.67	139	136311	43.000	ng/ul	98
26) 2,4-Dimethylphenol	9.73	107	216595	32.945	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.97	93	335449	43.714	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	223798	40.551	ng/ul	99
30) Naphthalene	10.60	128	742923	40.662	ng/ul	99
32) 4-Chloroaniline	10.72	127	288627	35.604	ng/ul	99
33) Hexachlorobutadiene	10.88	225	140786	37.526	ng/ul	98
34) Caprolactam	11.52	113	9661m	6.051	ng/ul	99

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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)
35) 4-Chloro-3-methylphenol	11.83	107	231688	41.424 ng/ul	99
36) 2-Methylnaphthalene	12.21	142	572209	43.926 ng/ul	100
37) 1-Methylnaphthalene	12.43	142	556878	42.170 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	308970	41.382 ng/ul	98
40) Hexachlorocyclopentadiene	12.56	237	126261	27.820 ng/ul	99
41) 2,4,6-Trichlorophenol	12.83	196	215515	45.753 ng/ul	98
42) 2,4,5-Trichlorophenol	12.89	196	231694	46.407 ng/ul	98
43) 1,1'-Biphenyl	13.23	154	772362	43.064 ng/ul	100
44) 2-Chloronaphthalene	13.27	162	604196	43.046 ng/ul	99
45) 2-Nitroaniline	13.48	65	218251	55.338 ng/ul	99
47) Dimethylphthalate	13.86	163	867952	51.413 ng/ul	99
48) 2,6-Dinitrotoluene	13.98	165	183901	56.560 ng/ul	99
50) Acenaphthylene	14.12	152	970252	47.713 ng/ul	99
51) 3-Nitroaniline	14.31	138	167810	49.398 ng/ul	97
52) Acenaphthene	14.46	153	685382	46.202 ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	98257	50.713 ng/ul	95
55) 4-Nitrophenol	14.62	109	32265	12.676 ng/ul	97
56) Dibenzofuran	14.80	168	992582	47.520 ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	269759	59.509 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.02	232	227896	54.898 ng/ul	96
59) Diethylphthalate	15.22	149	923507	55.117 ng/ul	99
61) Fluorene	15.44	166	870913	50.621 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.44	204	436779	50.443 ng/ul	99
63) 4-Nitroaniline	15.47	138	191373	59.138 ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.53	198	161981	49.535 ng/ul#	99
67) N-Nitrosodiphenylamine	15.65	169	746725	47.417 ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	269422	48.427 ng/ul	96
69) Hexachlorobenzene	16.44	284	314472	49.803 ng/ul	99
70) Atrazine	16.61	200	293209	52.276 ng/ul	98
71) Pentachlorophenol	16.79	266	191471	49.901 ng/ul	96
72) Phenanthrene	17.18	178	1408568	49.971 ng/ul	100
74) Anthracene	17.27	178	1447541	49.982 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	297683	36.349 ng/uL	99
76) Pentachlorobenzene	14.72	250	325901	40.667 ng/uL	99
77) Carbazole	17.54	167	1324514	52.610 ng/ul	99
78) Di-n-butylphthalate	18.10	149	1683444	58.021 ng/ul	100
80) Fluoranthene	19.19	202	1692277	48.940 ng/ul	98
82) Pyrene	19.55	202	1766455	49.289 ng/ul	99
83) Butylbenzylphthalate	20.44	149	717035	58.531 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.23	252	444635	47.921 ng/ul	99
85) Benzo(a)anthracene	21.29	228	1614065	50.771 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	1128878	62.508 ng/ul	99
87) Chrysene	21.34	228	1559835	49.866 ng/ul	100
89) Di-n-octyl phthalate	22.09	149	1605879	66.390 ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	1377288	54.894 ng/ul	99
91) Benzo(k)fluoranthene	22.92	252	1330676	54.565 ng/ul	99
93) Benzo(a)pyrene	23.46	252	1133937	51.072 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.83	276	1288806	46.674 ng/ul	99
95) Dibenzo(a,h)anthracene	25.83	278	1094812	47.287 ng/ul	99
96) Benzo(g,h,i)perylene	26.53	276	986954	44.581 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