Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030826.D
Acq On : 06 Jul 2021 19:05
Operator : CG/JU
Sample : PB137437BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 07 02:13:23 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 :
SLCS437

Manual Integrations APPROVED
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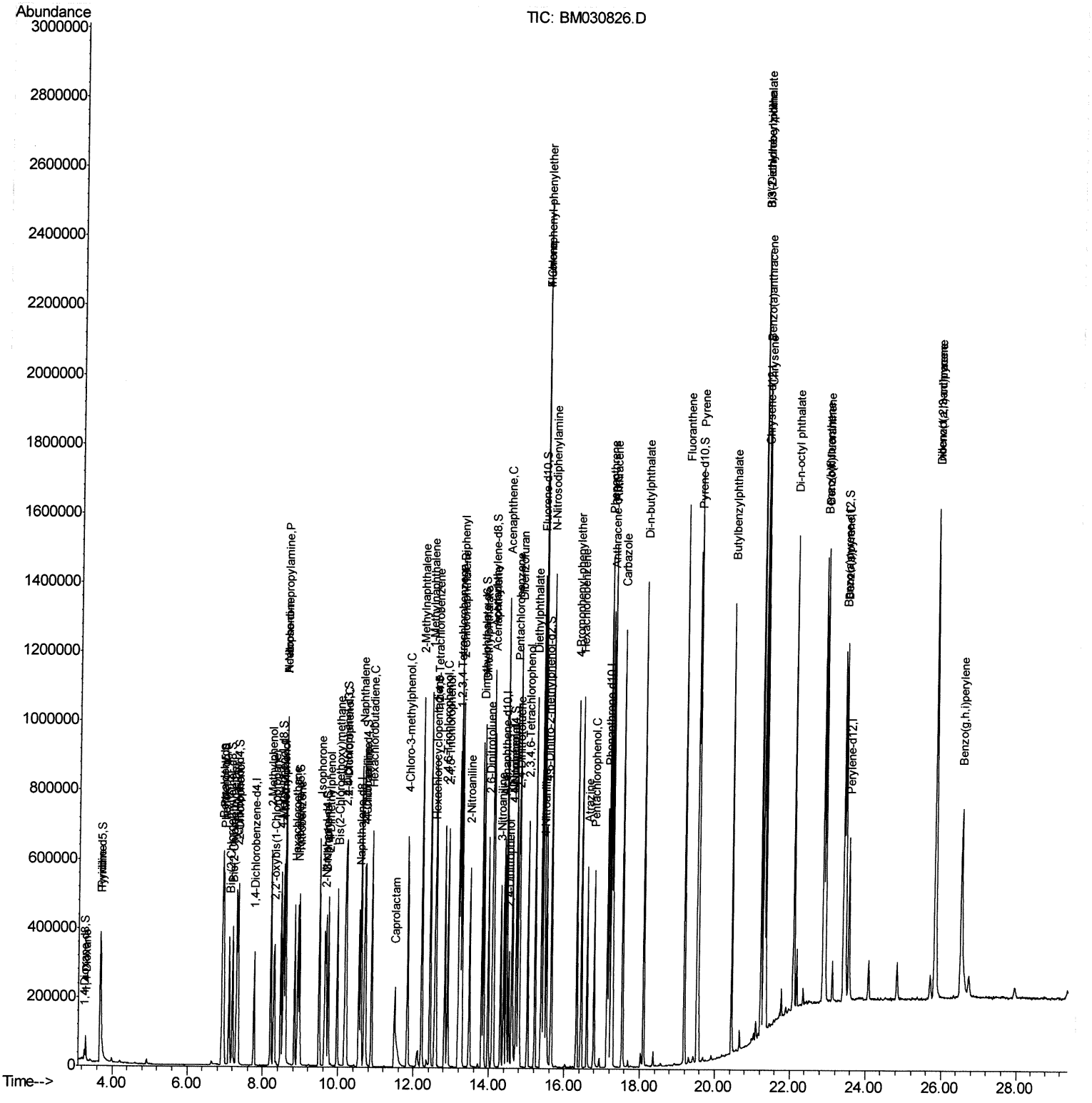

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Data File : BM030826.D
Acq On : 06 Jul 2021 19:05
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Misc :
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Quant Time: Jul 07 01:28:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
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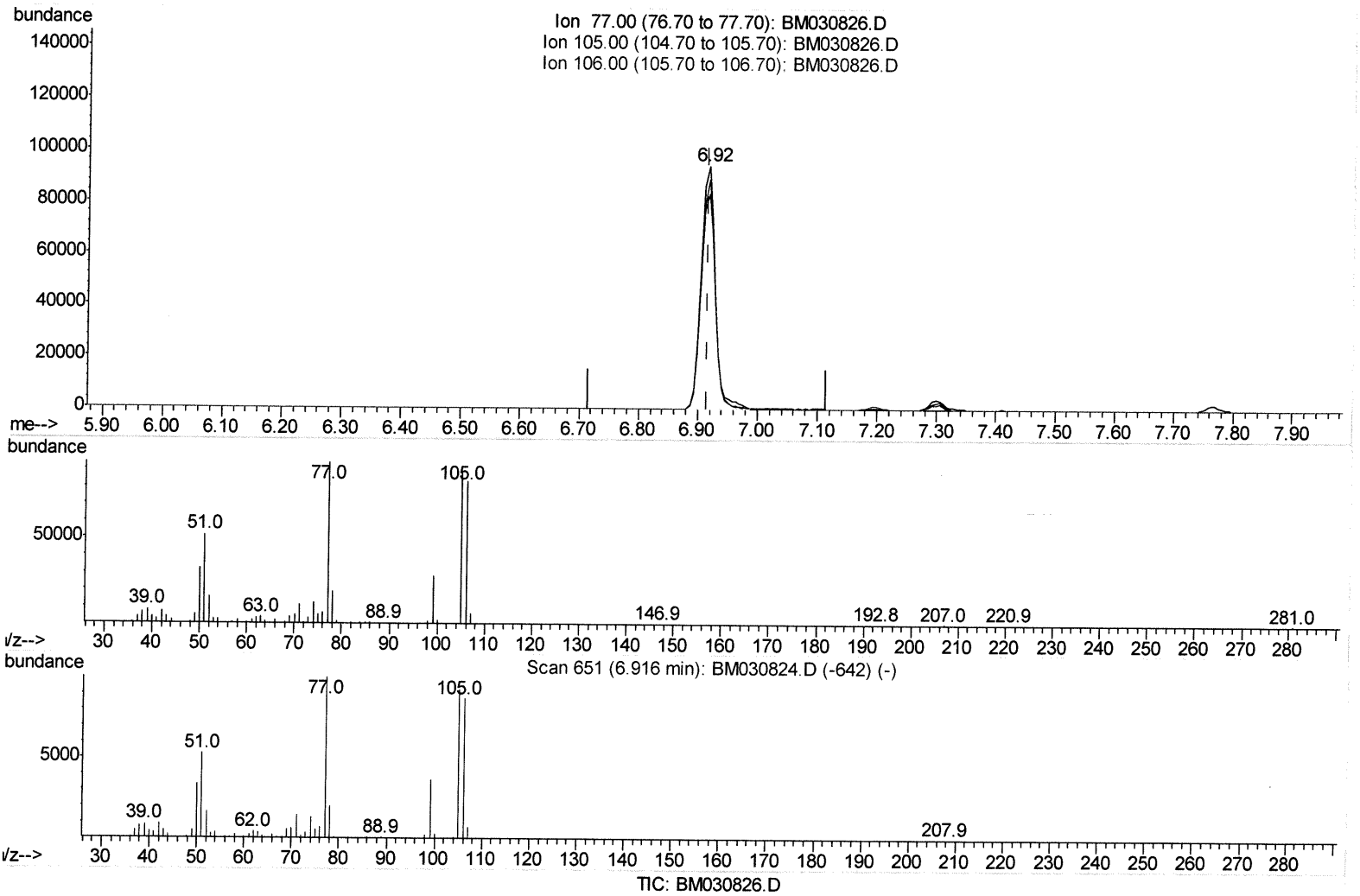

TIC: BM030826.D

(6) Benzaldehyde

6.916min (+0.000) 40.14ng/ul

response 154379

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	94.49
106.00	89.20	88.60
0.00	0.00	0.00

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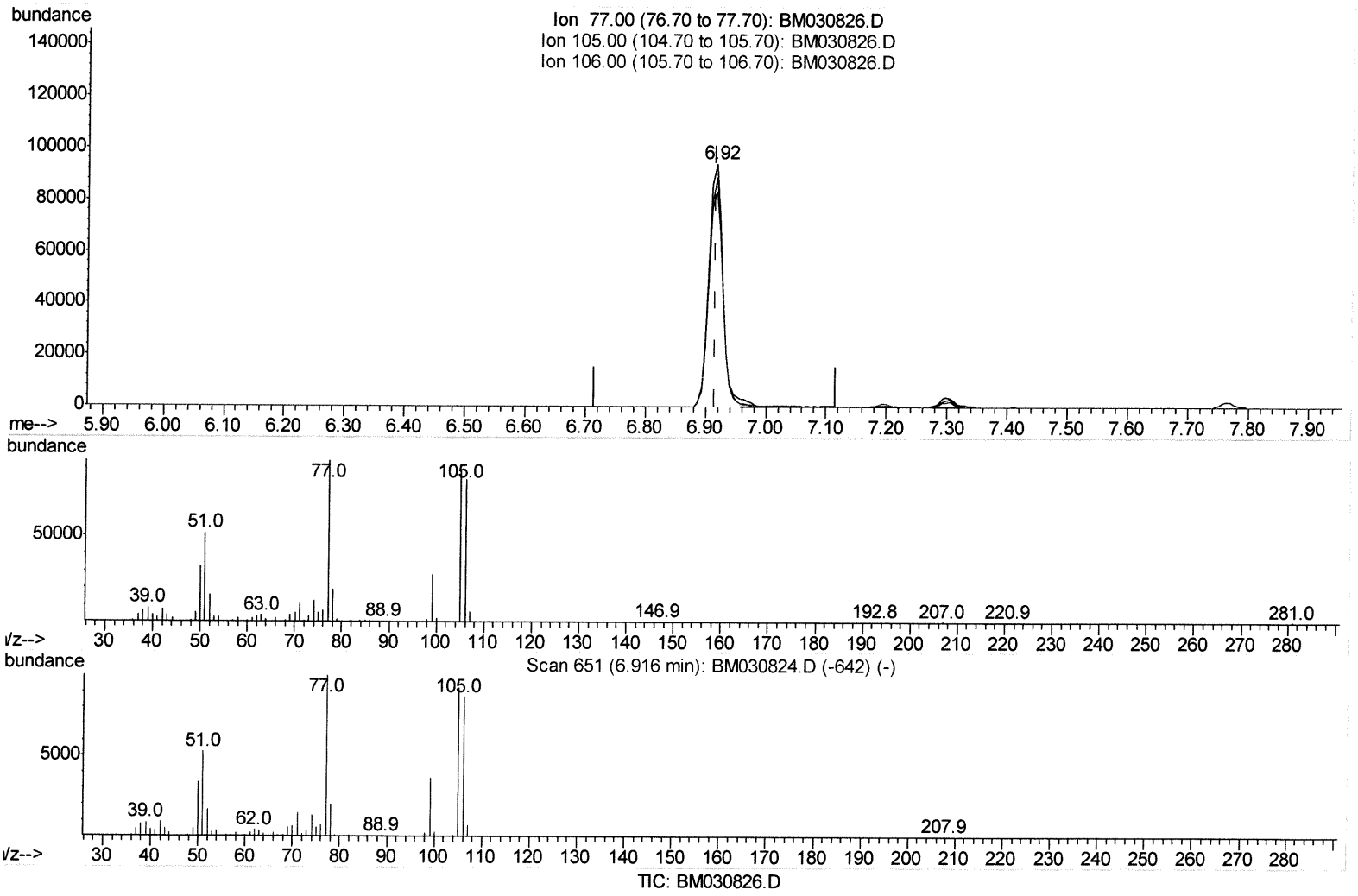

TIC: BM030826.D

(6) Benzaldehyde

6.916min (+0.000) 39.40ng/ul m

response 151535

J47/8/21

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	94.49
106.00	89.20	88.60
0.00	0.00	0.00

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Misc :
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Quant Time: Jul 07 02:09:09 2021
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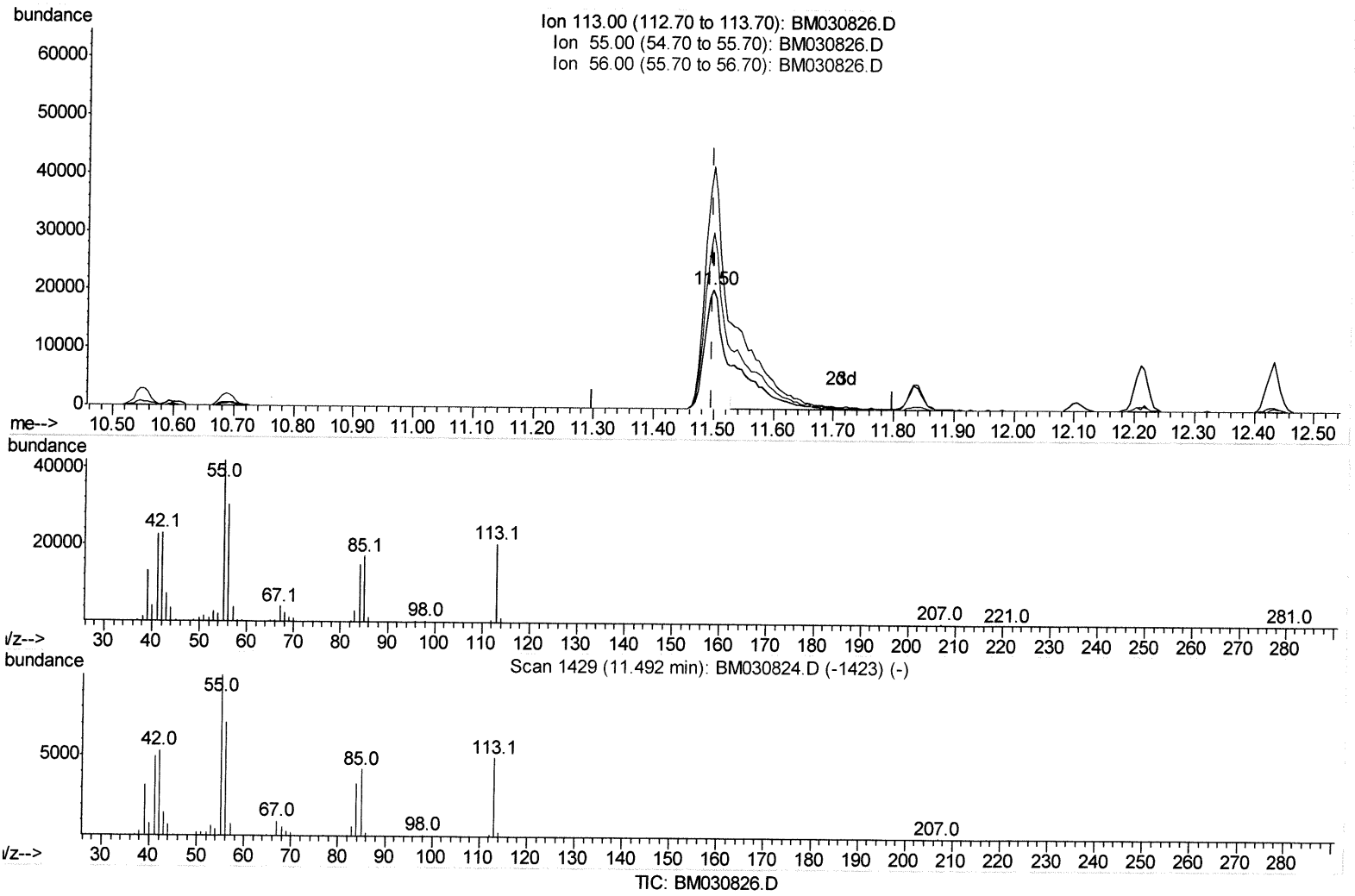

(34) Caprolactam

11.498min (+0.000) 27.36ng/ul

response 43053

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	203.60
56.00	135.20	148.49
0.00	0.00	0.00

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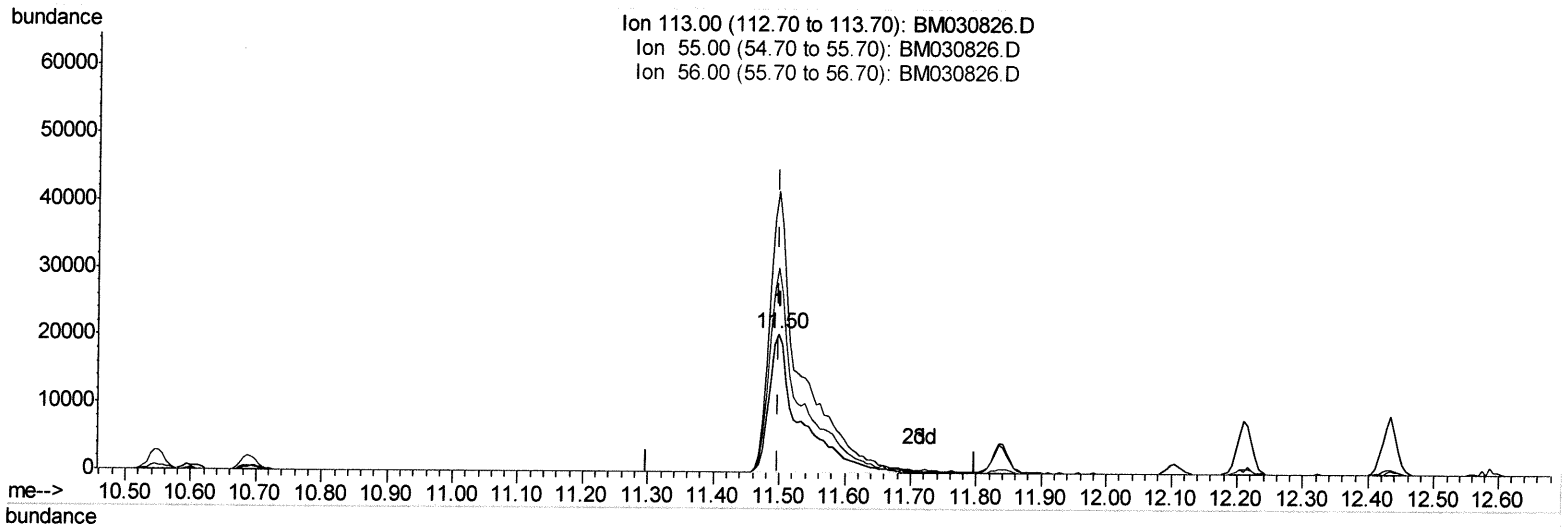

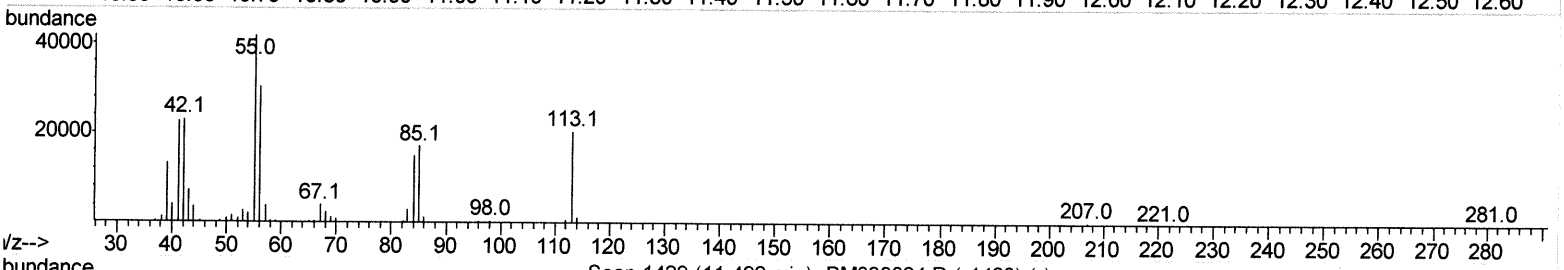

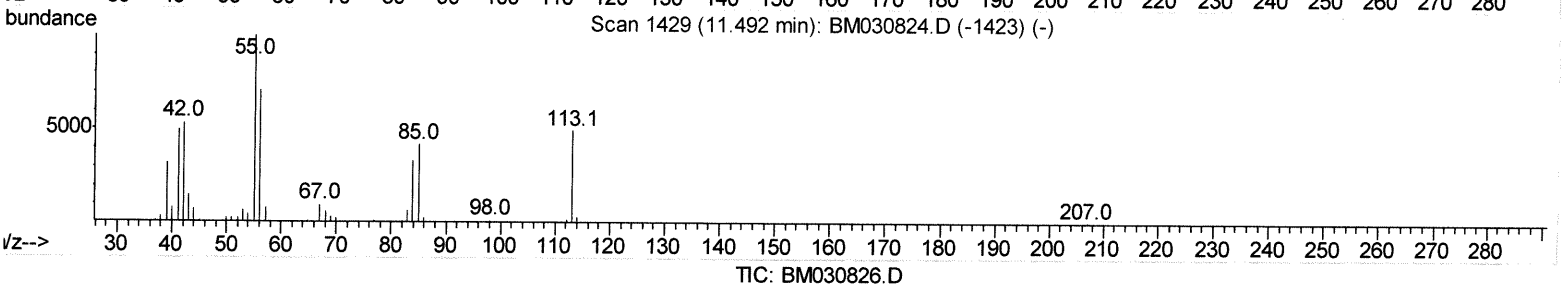

TIC: BM030826.D

(34) Caprolactam

11.498min (+0.000) 43.15ng/ul m

response 67908

7/8/21

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	203.60
56.00	135.20	148.49
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	85549	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	358165	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	223361	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	421234	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	351051	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	305923	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	13860	6.33	ng/uL	0.00
4) Pyridine-d5	3.67	84	154792	27.04	ng/ul	0.00
7) Phenol-d5	6.93	99	257480	34.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	165566	34.39	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	207444	36.17	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	202080	33.73	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	98374	36.93	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	110662	37.97	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	209771	37.40	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	251216	31.54	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	602009	38.50	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	772233	39.10	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	101489	37.29	ng/ul	0.00
60) Fluorene-d10	15.39	176	529867	38.48	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	99004	36.65	ng/ul	0.00
73) Anthracene-d10	17.23	188	714042	36.38	ng/ul	0.00
81) Pyrene-d10	19.52	212	746028	38.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	685542	43.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	33071	14.652	ng/uL	98
5) Pyridine	3.69	79	179833	28.813	ng/ul	98
6) Benzaldehyde	6.92	77	151535m	39.397	ng/ul	> JJ 7/8/21
8) Phenol	6.96	94	265843	34.697	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.20	93	203212	34.050	ng/ul	99
12) 2-Chlorophenol	7.33	128	208496	36.290	ng/ul	99
13) 2-Methylphenol	8.20	108	189411	34.006	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.29	45	340720	34.670	ng/ul	99
16) Acetophenone	8.59	105	328330	34.826	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.57	70	171831	36.692	ng/ul	99
18) 4-Methylphenol	8.53	108	210845	34.498	ng/ul	97
19) Hexachloroethane	8.83	117	85932	35.544	ng/ul	99
22) Nitrobenzene	8.96	77	253941	37.075	ng/ul	98
23) Isophorone	9.49	82	461390	38.599	ng/ul	99
25) 2-Nitrophenol	9.67	139	118759	38.004	ng/ul	98
26) 2,4-Dimethylphenol	9.73	107	157639	24.324	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.97	93	279986	37.013	ng/ul	99
29) 2,4-Dichlorophenol	10.20	162	204845	37.652	ng/ul	97
30) Naphthalene	10.60	128	656344	36.442	ng/ul	99
32) 4-Chloroaniline	10.72	127	247972	31.030	ng/ul	99
33) Hexachlorobutadiene	10.88	225	135599	36.665	ng/ul	98
34) Caprolactam	11.50	113	67908m	43.150	ng/ul	> JJ 7/8/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	219100	39.738	ng/ul	98
36) 2-Methylnaphthalene	12.21	142	479321	37.326	ng/ul	99
37) 1-Methylnaphthalene	12.43	142	465499	35.759	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	258479	38.150	ng/ul	99
40) Hexachlorocyclopentadiene	12.56	237	133490	32.412	ng/ul	98
41) 2,4,6-Trichlorophenol	12.83	196	159527	37.321	ng/ul	99
42) 2,4,5-Trichlorophenol	12.90	196	174053	38.417	ng/ul	98
43) 1,1'-Biphenyl	13.23	154	627834	38.576	ng/ul	99
44) 2-Chloronaphthalene	13.27	162	493506	38.745	ng/ul	99
45) 2-Nitroaniline	13.48	65	153625	42.924	ng/ul	98
47) Dimethylphthalate	13.86	163	609288	39.772	ng/ul	99
48) 2,6-Dinitrotoluene	13.98	165	126235	42.783	ng/ul	97
50) Acenaphthylene	14.12	152	718189	38.919	ng/ul	100
51) 3-Nitroaniline	14.31	138	122908	39.870	ng/ul	95
52) Acenaphthene	14.46	153	530220	39.388	ng/ul	98
53) 2,4-Dinitrophenol	14.52	184	67925	38.633	ng/ul	99
55) 4-Nitrophenol	14.62	109	91094	39.438	ng/ul	97
56) Dibenzofuran	14.79	168	744660	39.286	ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	174284	42.368	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.02	232	132063	35.057	ng/ul	98
59) Diethylphthalate	15.22	149	605817	39.844	ng/ul	99
61) Fluorene	15.45	166	616202	39.469	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.44	204	312987	39.833	ng/ul	98
63) 4-Nitroaniline	15.47	138	126768	43.168	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.53	198	99795	38.272	ng/ul#	96
67) N-Nitrosodiphenylamine	15.65	169	504415	40.168	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	181499	40.912	ng/ul	100
69) Hexachlorobenzene	16.44	284	205970	40.907	ng/ul	98
70) Atrazine	16.60	200	98746	22.078	ng/ul	99
71) Pentachlorophenol	16.79	266	94262	30.808	ng/ul	98
72) Phenanthrene	17.18	178	895546	39.843	ng/ul	100
74) Anthracene	17.27	178	866101	37.503	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	257984	39.504	ng/uL	99
76) Pentachlorobenzene	14.72	250	247144	38.675	ng/uL	98
77) Carbazole	17.54	167	758775	37.796	ng/ul	99
78) Di-n-butylphthalate	18.10	149	933566	40.350	ng/ul	100
80) Fluoranthene	19.19	202	944140	39.548	ng/ul	100
82) Pyrene	19.55	202	975626	39.431	ng/ul	99
83) Butylbenzylphthalate	20.44	149	357040	42.215	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.23	252	228123	35.612	ng/ul	100
85) Benzo(a)anthracene	21.29	228	867315	39.516	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	515667	41.358	ng/ul	100
87) Chrysene	21.34	228	857678	39.715	ng/ul	99
89) Di-n-octyl phthalate	22.09	149	834561	43.927	ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	881133	44.713	ng/ul	100
91) Benzo(k)fluoranthene	22.92	252	838422	43.771	ng/ul	100
93) Benzo(a)pyrene	23.46	252	756490	43.380	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.83	276	1016197	46.855	ng/ul	98
95) Dibenzo(a,h)anthracene	25.83	278	857144	47.135	ng/ul	99
96) Benzo(g,h,i)perylene	26.53	276	821152	47.225	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