Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070621\
Data File : BM030816.D
Acq On : 06 Jul 2021 11:29
Operator : CG/JU
Sample : SSTD01003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 13:31:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 13:25:17 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010103

Manual Integrations APPROVED
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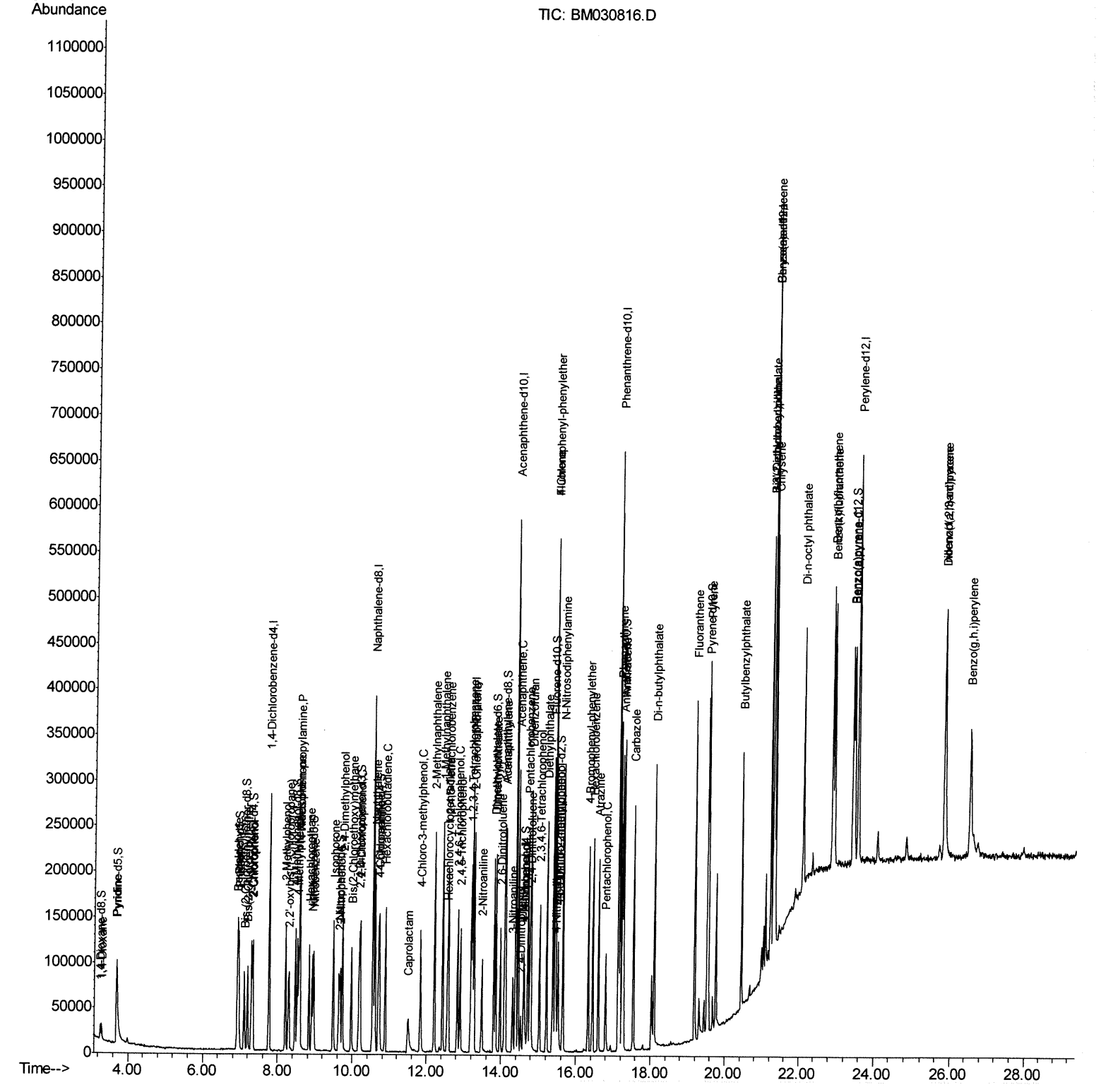

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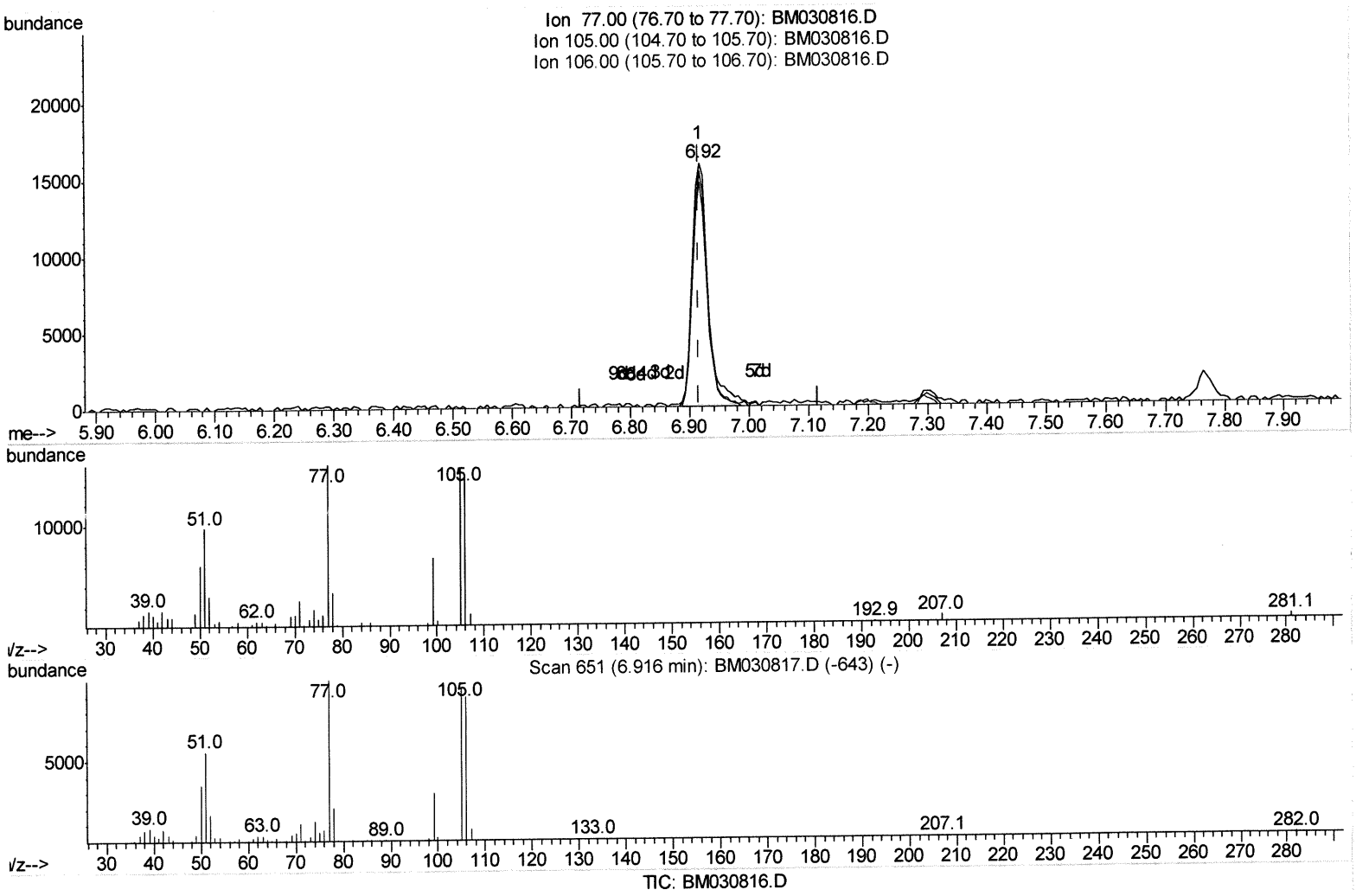

Scan 651 (6.916 min): BM030817.D (-643) (-)

TIC: BM030816.D

(6) Benzaldehyde

6.916min (+0.000) 9.52ng/ul

response 29264

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	96.72
106.00	89.20	92.17
0.00	0.00	0.00

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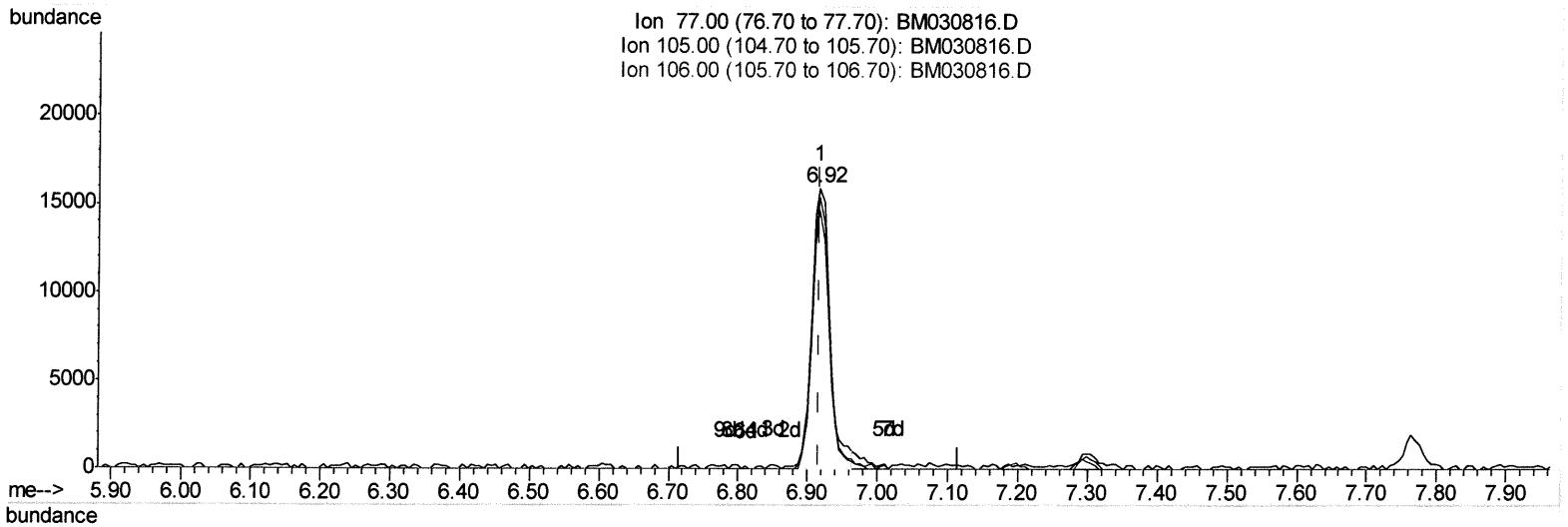
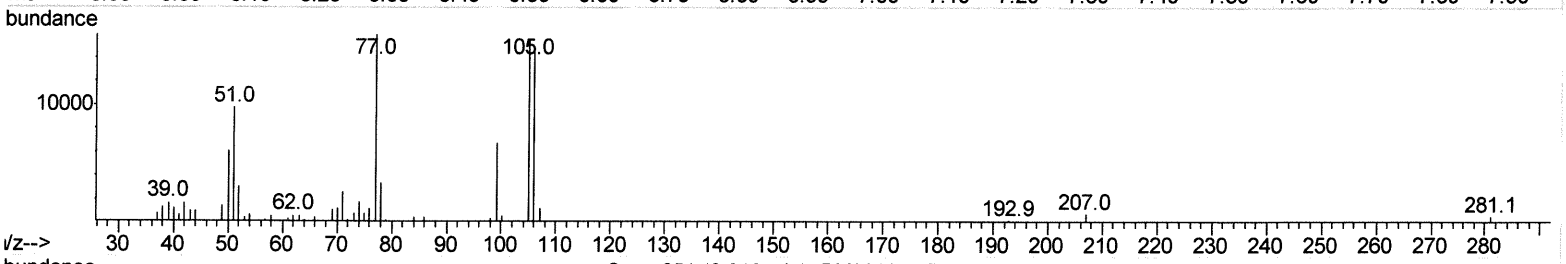
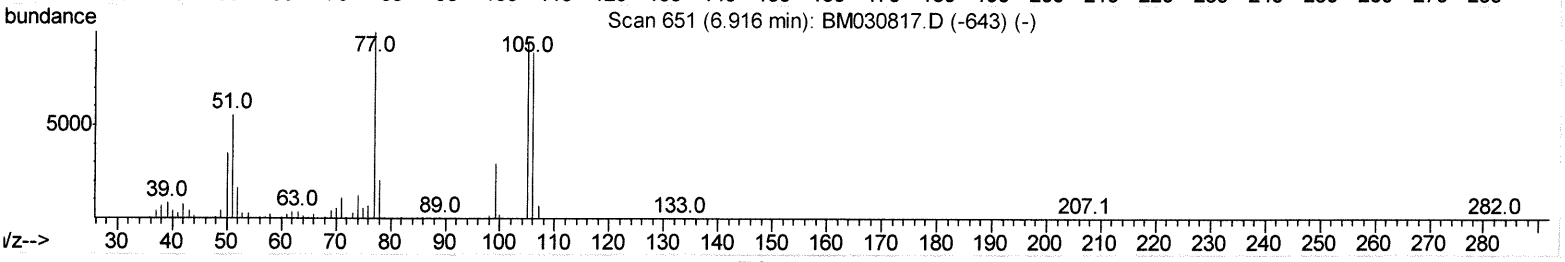




Scan 651 (6.916 min): BM030817.D (-643) (-)



TIC: BM030816.D

(6) Benzaldehyde

6.916min (+0.000) 9.41ng/ul m

response 28925 JU 7/8/21

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	96.72
106.00	89.20	92.17
0.00	0.00	0.00

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Manual Integrations APPROVED
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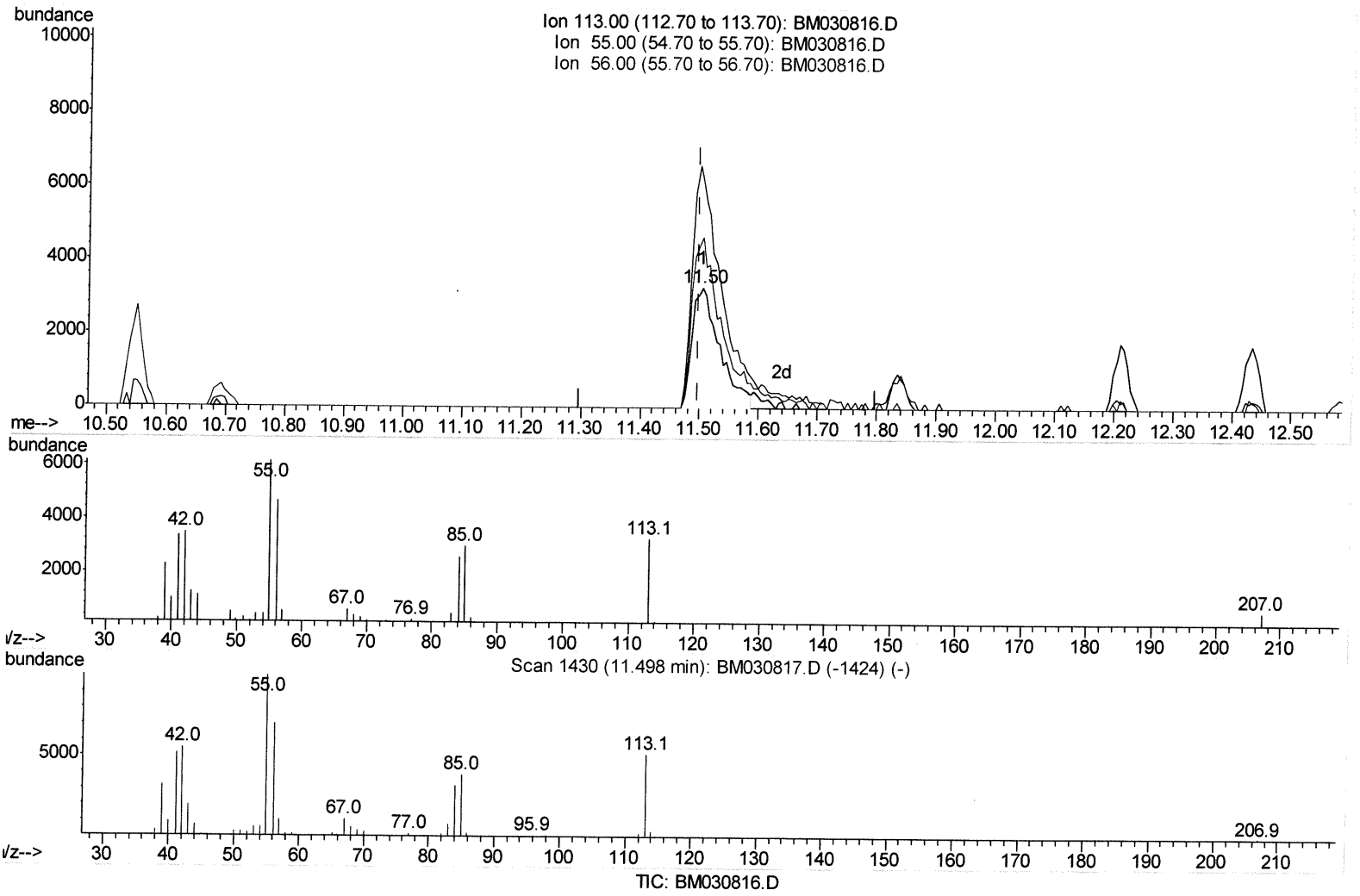

(34) Caprolactam

11.504min (+0.006) 7.87ng/ul

response 10607

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	187.38
56.00	135.20	141.81
0.00	0.00	0.00

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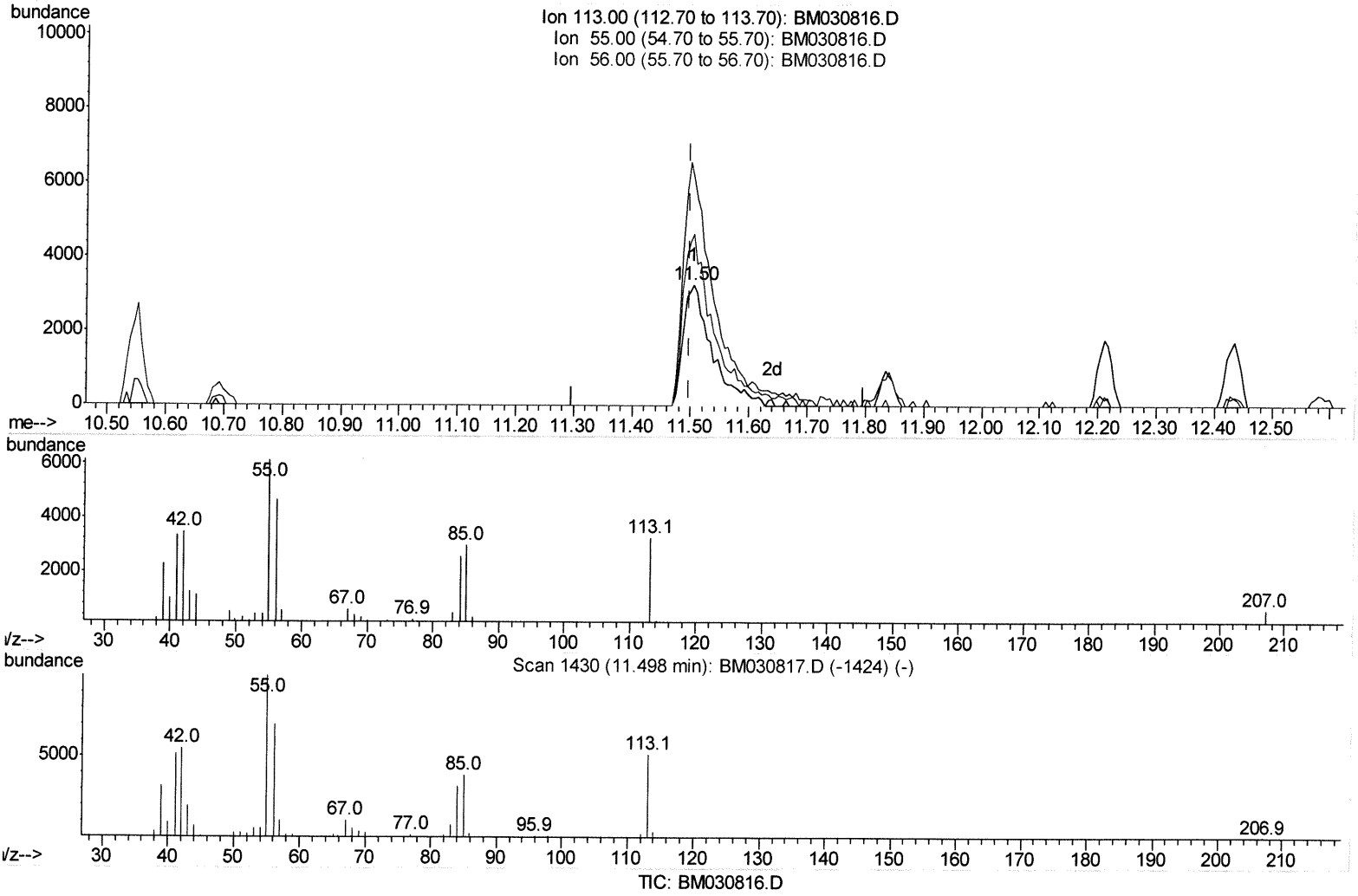

TIC: BM030816.D

(34) Caprolactam

11.504min (+0.006) 8.29ng/ul m

response 11169

7/8/21

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	187.38
56.00	135.20	141.81
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070621\
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7/7/2021 6:10:48 PM

Quant Time: Jul 06 13:31:19 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	73316	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	305026	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	192696	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	377659	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	327356	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	312323	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	8223	4.55	ng/uL	0.00
4) Pyridine-d5	3.68	84	37161	7.65	ng/ul	0.00
7) Phenol-d5	6.93	99	58644	9.27	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	40480	10.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	49212	10.08	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	47644	9.68	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	22536	9.90	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	23569	9.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.18	165	46780	9.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	63433	9.39	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	137527	10.34	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	169629	9.82	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	18726	7.43	ng/ul	0.00
60) Fluorene-d10	15.39	176	121709	10.31	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	18488	7.48	ng/ul	0.00
73) Anthracene-d10	17.23	188	174637	9.91	ng/ul	0.00
81) Pyrene-d10	19.52	212	181978	10.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	160940	9.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	8119	4.221	ng/uL	97
5) Pyridine	3.70	79	47790	9.137	ng/ul	94
6) Benzaldehyde	6.92	77	28925m>	9.408	ng/ul >	> JU 7/8/21
8) Phenol	6.96	94	61561	9.629	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.20	93	50156	9.954	ng/ul	98
12) 2-Chlorophenol	7.33	128	49222	10.008	ng/ul	97
13) 2-Methylphenol	8.20	108	43343	9.355	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.29	45	84250	10.548	ng/ul	99
16) Acetophenone	8.59	105	75488	9.934	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.57	70	39476	10.503	ng/ul	99
18) 4-Methylphenol	8.53	108	48754	9.663	ng/ul	94
19) Hexachloroethane	8.83	117	20710	10.049	ng/ul	98
22) Nitrobenzene	8.96	77	59274	10.323	ng/ul	99
23) Isophorone	9.49	82	99671	10.024	ng/ul	98
25) 2-Nitrophenol	9.67	139	26265	9.779	ng/ul	97
26) 2,4-Dimethylphenol	9.73	107	55439	10.212	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.97	93	65309	10.095	ng/ul	97
29) 2,4-Dichlorophenol	10.20	162	45798	9.866	ng/ul	99
30) Naphthalene	10.60	128	157178	10.177	ng/ul	99
32) 4-Chloroaniline	10.72	127	63615	9.483	ng/ul	99
33) Hexachlorobutadiene	10.88	225	31928	10.172	ng/ul	97
34) Caprolactam	11.50	113	11169m>	8.289	ng/ul >	> JU 7/8/21

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7/7/2021 6:10:48 PM

Quant Time: Jul 06 13:31:19 2021
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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	11.84	107	46251	10.147	ng/ul	97
36) 2-Methylnaphthalene	12.21	142	111033	10.303	ng/ul	100
37) 1-Methylnaphthalene	12.43	142	113545	10.409	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	58749	9.772	ng/ul	98
40) Hexachlorocyclopentadiene	12.56	237	27318	6.964	ng/ul	99
41) 2,4,6-Trichlorophenol	12.83	196	35776	9.449	ng/ul	98
42) 2,4,5-Trichlorophenol	12.90	196	38018	9.409	ng/ul	97
43) 1,1'-Biphenyl	13.23	154	144819	10.183	ng/ul	100
44) 2-Chloronaphthalene	13.27	162	112796	10.088	ng/ul	98
45) 2-Nitroaniline	13.48	65	28895	9.616	ng/ul	97
47) Dimethylphthalate	13.85	163	135470	10.392	ng/ul	99
48) 2,6-Dinitrotoluene	13.97	165	23877	9.506	ng/ul	96
50) Acenaphthylene	14.12	152	163515	10.207	ng/ul	99
51) 3-Nitroaniline	14.31	138	20918	7.818	ng/ul	99
52) Acenaphthene	14.46	153	119217	10.254	ng/ul	98
53) 2,4-Dinitrophenol	14.52	184	9145	5.538	ng/ul	98
55) 4-Nitrophenol	14.62	109	16529	8.196	ng/ul	96
56) Dibenzofuran	14.79	168	168869	10.419	ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	34550	9.824	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.02	232	31850	9.737	ng/ul	97
59) Diethylphthalate	15.22	149	132347	10.568	ng/ul	99
61) Fluorene	15.44	166	135668	10.157	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.44	204	69301	10.418	ng/ul	99
63) 4-Nitroaniline	15.47	138	20484	8.039	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.53	198	17747	7.381	ng/ul#	99
67) N-Nitrosodiphenylamine	15.65	169	113015	10.041	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	39181	10.168	ng/ul	99
69) Hexachlorobenzene	16.45	284	45215	10.144	ng/ul	97
70) Atrazine	16.60	200	37339	9.353	ng/ul	98
71) Pentachlorophenol	16.79	266	21364	7.649	ng/ul	95
72) Phenanthrene	17.17	178	206970	10.205	ng/ul	99
74) Anthracene	17.27	178	212341	10.240	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	58565	9.723	ng/uL	99
76) Pentachlorobenzene	14.72	250	57502	10.022	ng/uL	99
77) Carbazole	17.54	167	171752	9.237	ng/ul	99
78) Di-n-butylphthalate	18.10	149	203819	10.757	ng/ul	100
80) Fluoranthene	19.19	202	226237	10.799	ng/ul	99
82) Pyrene	19.55	202	232823	10.577	ng/ul	99
83) Butylbenzylphthalate	20.44	149	74101	10.227	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.23	252	56133	8.699	ng/ul	98
85) Benzo(a)anthracene	21.29	228	209008	10.288	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	109759	10.532	ng/ul	98
87) Chrysene	21.34	228	205781	10.391	ng/ul	98
89) Di-n-octyl phthalate	22.09	149	169671	9.444	ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	208232	10.501	ng/ul	99
91) Benzo(k)fluoranthene	22.92	252	193619	10.160	ng/ul	100
93) Benzo(a)pyrene	23.45	252	179870	10.088	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.83	276	217064	9.671	ng/ul	98
95) Dibenzo(a,h)anthracene	25.84	278	181351	9.746	ng/ul	99
96) Benzo(g,h,i)perylene	26.52	276	182300	9.735	ng/ul	98

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7/7/2021 6:10:48 PM

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

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