Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013146.D
Acq On : 28 Nov 2017 20:55
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 04:52:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02002

Manual Integrations APPROVED
Sohil
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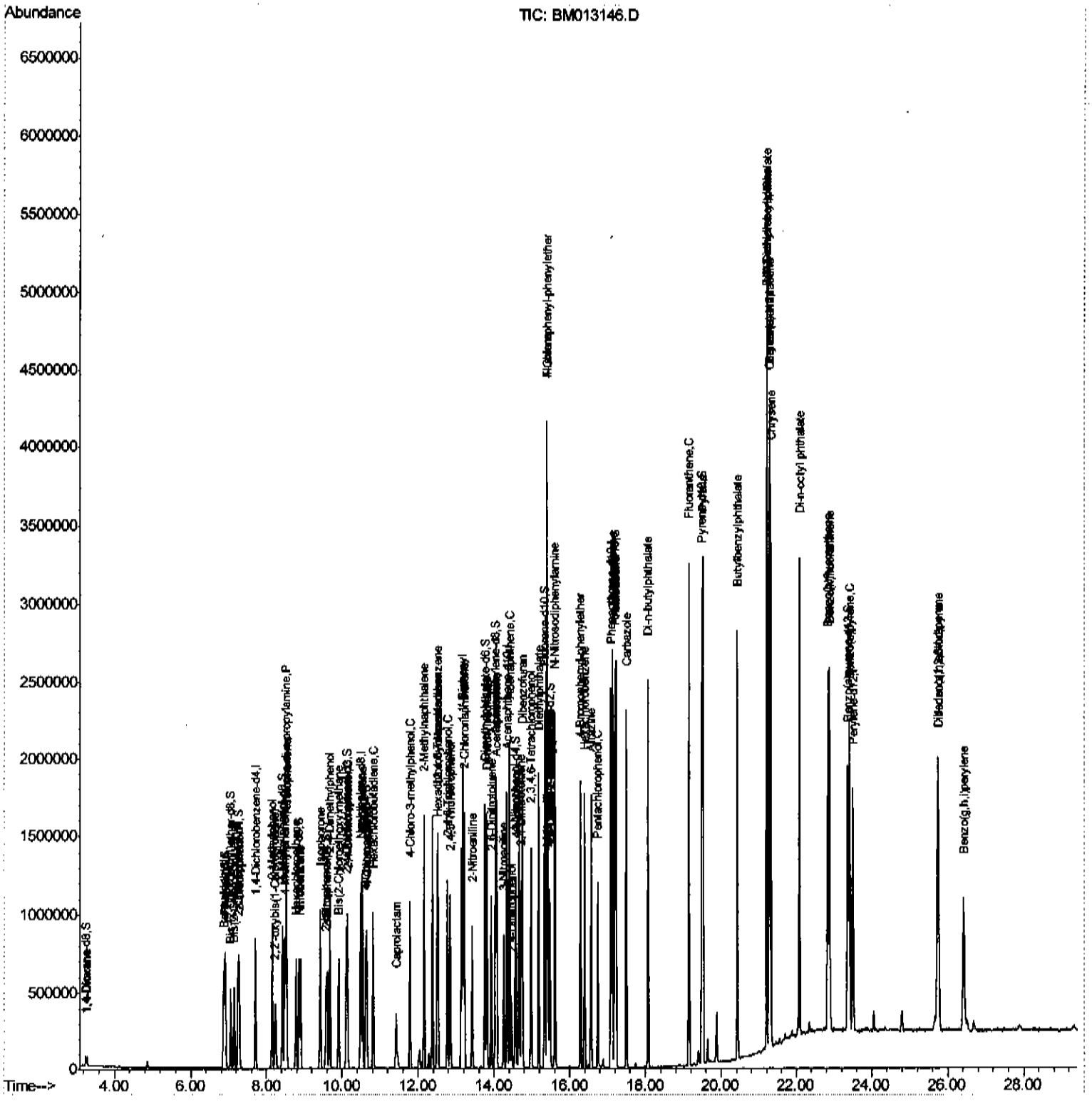

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013146.D
Acq On : 28 Nov 2017 20:55
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 03:47:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
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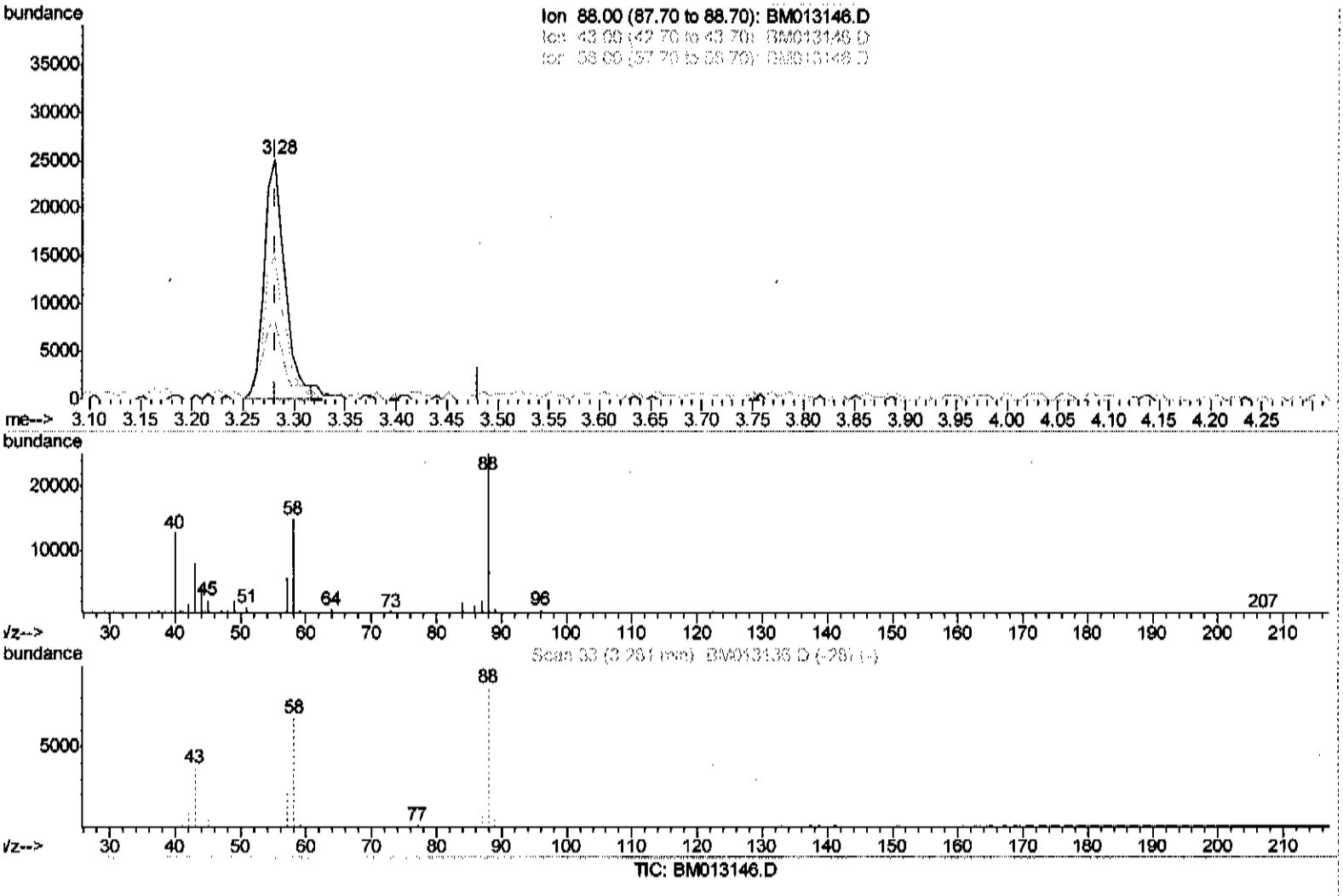

TIC: BM013146.D

(2) 1,4-Dioxane

3.281min (-0.000) 7.22ng/uL

response 35283

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	32.61#
58.00	100.00	61.07#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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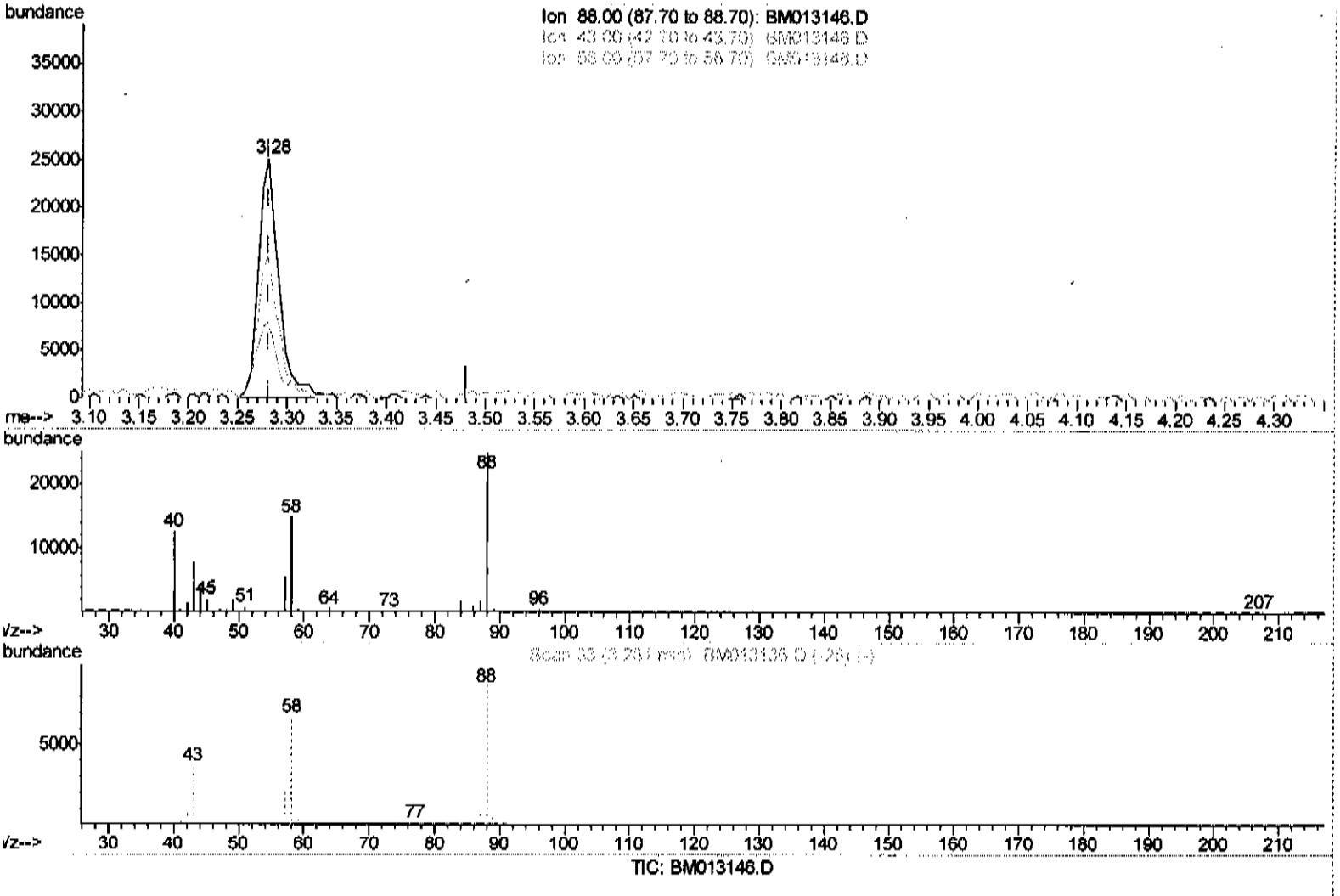

(2) 1,4-Dioxane

3.281min (-0.000) 7.45ng/uL m JU 11/29/17

response 36423

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	31.59#
58.00	100.00	59.15#
0.00	0.00	0.00

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ALS Vial : 2 Sample Multiplier: 1

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LabSampleId :
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Manual Integrations APPROVED
Sohil
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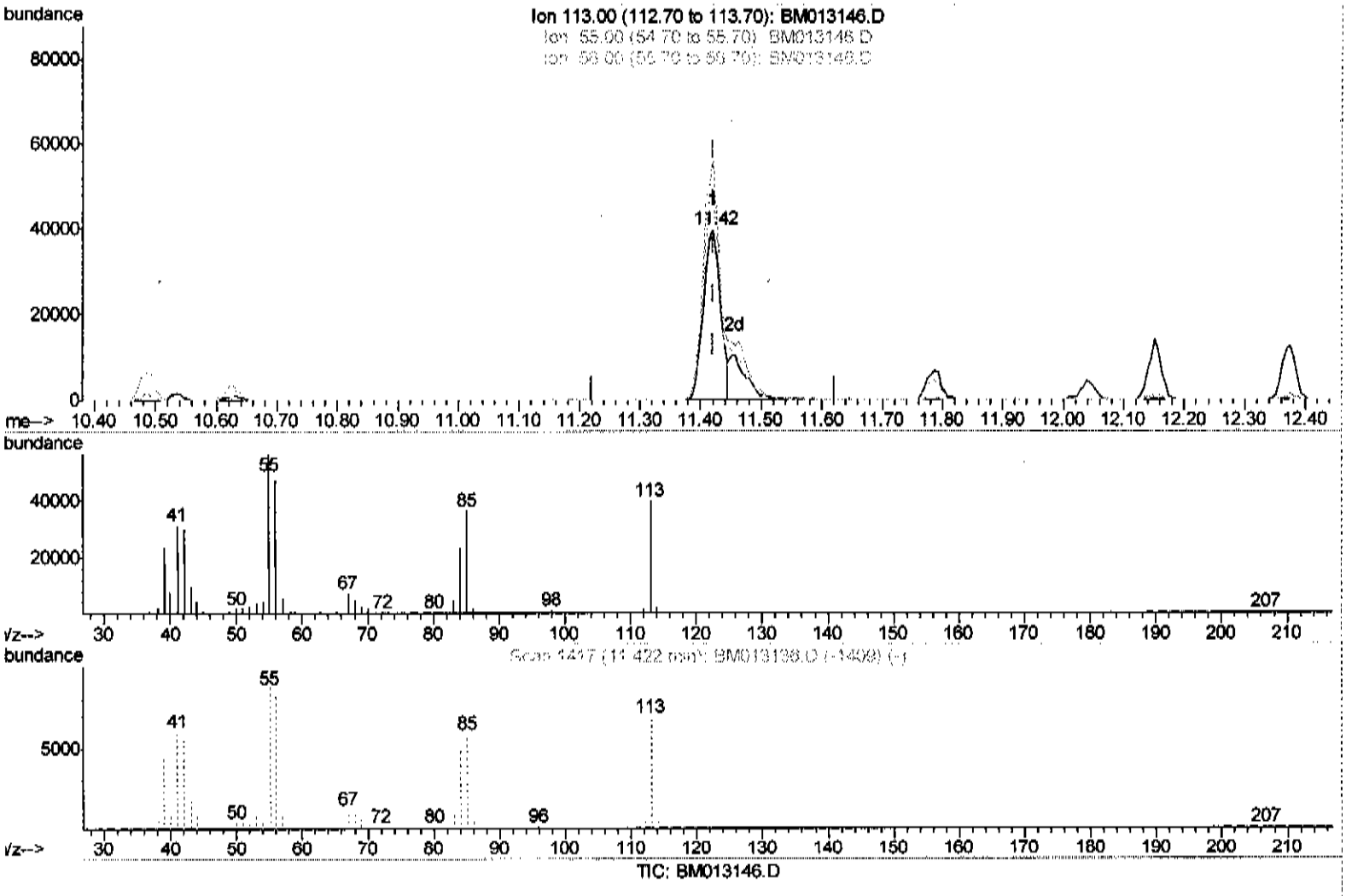

(32) Caprolactam

11.422min (-0.000) 17.06ng/ul

response 77913

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	141.50#
56.00	200.00	118.75#
0.00	0.00	0.00

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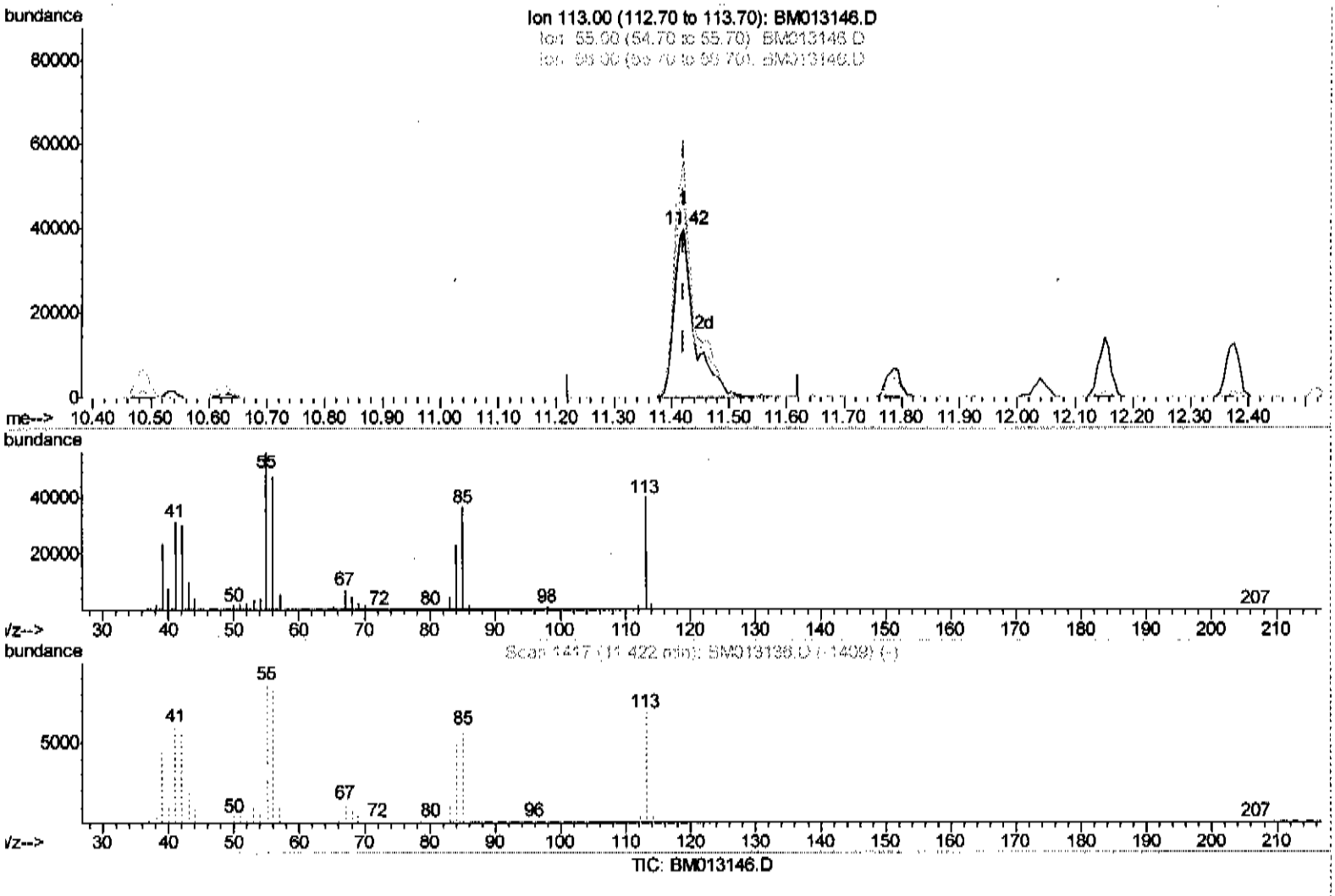

TIC: BM013146.D

(32) Caprolactam

11.422min (-0.000) 21.30ng/ul m JU 11/28/17

response 97307

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	141.50#
56.00	200.00	118.75#
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	7.70	152	206133	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	909606	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	573636	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1382377	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1451765	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1133780	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	30927	6.95	ng/uL	0.00
5) Phenol-d5	6.89	99	364254	20.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	209837	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	291707	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	307153	21.00	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	151602	23.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	167096	27.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	330579	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	376187	22.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1030934	20.49	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1285805	20.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	176152	23.08	ng/ul	0.00
57) Fluorene-d10	15.34	176	882931	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	160717	26.81	ng/ul	0.00
70) Anthracene-d10	17.19	188	1407377	19.89	ng/ul	0.00
76) Pyrene-d10	19.49	212	1550253	20.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1198732	20.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	36423m>	7.45	ng/uL	> JU 11/29/17
4) Benzaldehyde	6.86	77	195736	20.34	ng/ul	91
6) Phenol	6.92	94	356580	20.23	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.14	93	277816	20.94	ng/ul	95
10) 2-Chlorophenol	7.27	128	284238	20.12	ng/ul	98
11) 2-Methylphenol	8.15	108	279053	20.86	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	300665	19.97	ng/ul#	82
14) Acetophenone	8.52	105	478100	21.33	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.51	70	242919	21.13	ng/ul#	69
16) 4-Methylphenol	8.48	108	297950	20.97	ng/ul	100
17) Hexachloroethane	8.77	117	124287	20.78	ng/ul	83
20) Nitrobenzene	8.90	77	360772	22.27	ng/ul	94
21) Isophorone	9.42	82	676126	20.37	ng/ul#	94
23) 2-Nitrophenol	9.60	139	165823	24.71	ng/ul#	86
24) 2,4-Dimethylphenol	9.67	107	365133	20.68	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	9.91	93	390786	20.52	ng/ul	94
27) 2,4-Dichlorophenol	10.14	162	302109	20.77	ng/ul#	88
28) Naphthalene	10.53	128	966714	20.63	ng/ul	97
30) 4-Chloroaniline	10.65	127	363091	23.14	ng/ul	97
31) Hexachlorobutadiene	10.82	225	214056	20.44	ng/ul	94
32) Caprolactam	11.42	113	97307m>	21.30	ng/ul	JU 11/29/17
33) 4-Chloro-3-methylphenol	11.79	107	334368	21.58	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	714410	20.83	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	419457	20.10 ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	256998	16.65 ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	272245	21.65 ng/ul	97
39) 2,4,5-Trichlorophenol	12.84	196	285392	21.71 ng/ul	99
40) 1,1'-Biphenyl	13.17	154	967856	20.03 ng/ul	98
41) 2-Chloronaphthalene	13.22	162	764566	19.96 ng/ul	98
42) 2-Nitroaniline	13.43	65	229227	28.18 ng/ul	90
44) Dimethylphthalate	13.81	163	988685	20.55 ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	210487	28.67 ng/ul#	96
47) Acenaphthylene	14.07	152	1177618	19.94 ng/ul	98
48) 3-Nitroaniline	14.26	138	192928	28.06 ng/ul	88
49) Acenaphthene	14.41	153	799375	20.14 ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	94672	26.94 ng/ul	92
52) 4-Nitrophenol	14.58	109	170594	24.67 ng/ul#	78
53) Dibenzofuran	14.74	168	1155977	20.33 ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	295640	28.79 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.97	232	261527	23.75 ng/ul#	89
56) Diethylphthalate	15.18	149	987955	20.31 ng/ul	95
58) Fluorene	15.40	166	972308	20.77 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	518971	20.98 ng/ul	100
60) 4-Nitroaniline	15.42	138	210388	23.27 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.48	198	162587	24.98 ng/ul#	88
64) N-Nitrosodiphenylamine	15.61	169	834420	19.23 ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	328107	19.60 ng/ul	93
66) Hexachlorobenzene	16.40	284	357272	19.77 ng/ul#	92
67) Atrazine	16.57	200	327850	19.72 ng/ul	90
68) Pentachlorophenol	16.74	266	199139	21.37 ng/ul	97
69) Phenanthrene	17.13	178	1570743	20.20 ng/ul	99
71) Anthracene	17.23	178	1607419	19.92 ng/ul	99
72) Carbazole	17.50	167	1369020	19.62 ng/ul	99
73) Di-n-butylphthalate	18.07	149	1708127	19.22 ng/ul	99
74) Fluoranthene	19.15	202	1897725	20.19 ng/ul#	92
77) Pyrene	19.52	202	1895304	20.97 ng/ul#	92
78) Butylbenzylphthalate	20.42	149	782878	20.84 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	630764	21.14 ng/ul#	94
80) Benzo(a)anthracene	21.26	228	1849735	19.91 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	1142683	20.64 ng/ul#	97
82) Chrysene	21.32	228	1707364	19.82 ng/ul	100
84) Di-n-octyl phthalate	22.08	149	1867945	25.00 ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	1612448	22.01 ng/ul#	98
86) Benzo(k)fluoranthene	22.88	252	1544672	22.90 ng/ul#	98
88) Benzo(a)pyrene	23.41	252	1398529	20.50 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	1317872	16.53 ng/ul#	91
90) Dibenzo(a,h)anthracene	25.76	278	1120508	16.60 ng/ul#	96
91) Benzo(g,h,i)perylene	26.42	276	1046396	15.80 ng/ul#	96

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