

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
 Data File : BM011703.D
 Acq On : 23 Sep 2017 13:40
 Operator : SJ/JU
 Sample : I5273-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

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 9/25/2017 6:27:48 PM

Quant Time: Oct 06 19:15:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 01:59:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	207495	20.00	ng/ul	0.05
18) Naphthalene-d8	10.76	136	733879	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	383676	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	847900	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	937515	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	976299	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	24272	5.26	ng/uL	0.00
5) Phenol-d5	7.11	99	115104	5.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	398928	29.71	ng/ul	0.02
9) 2-Chlorophenol-d4	7.49	132	362804	24.16	ng/ul	0.01
13) 4-Methylphenol-d8	8.66	113	201661m	12.96	ng/ul	0.01
19) Nitrobenzene-d5	9.12	128	209154	37.54	ng/ul	0.01
22) 2-Nitrophenol-d4	9.84	143	224549	38.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	369218	31.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	12133	0.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1179353	36.36	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	1347609	34.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	36707	6.02	ng/ul	0.00
58) Fluorene-d10	15.57	176	982928	34.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	167924	34.04	ng/ul	0.00
71) Anthracene-d10	17.42	188	1537623	36.83	ng/ul	0.00
79) Pyrene-d10	19.71	212	1772204	40.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1727663	37.13	ng/ul	0.00

Target Compounds

					Ovalue	
23) 2-Nitrophenol	9.87	139	14635	2.405	ng/ul#	80
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	265577	23.335	ng/ul#	95
53) 4-Nitrophenol	14.79	109	6683	1.706	ng/ul#	63
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	192273	17.017	ng/uL	96
76) Di-n-butylphthalate	18.27	149	84591	1.557	ng/ul#	98

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

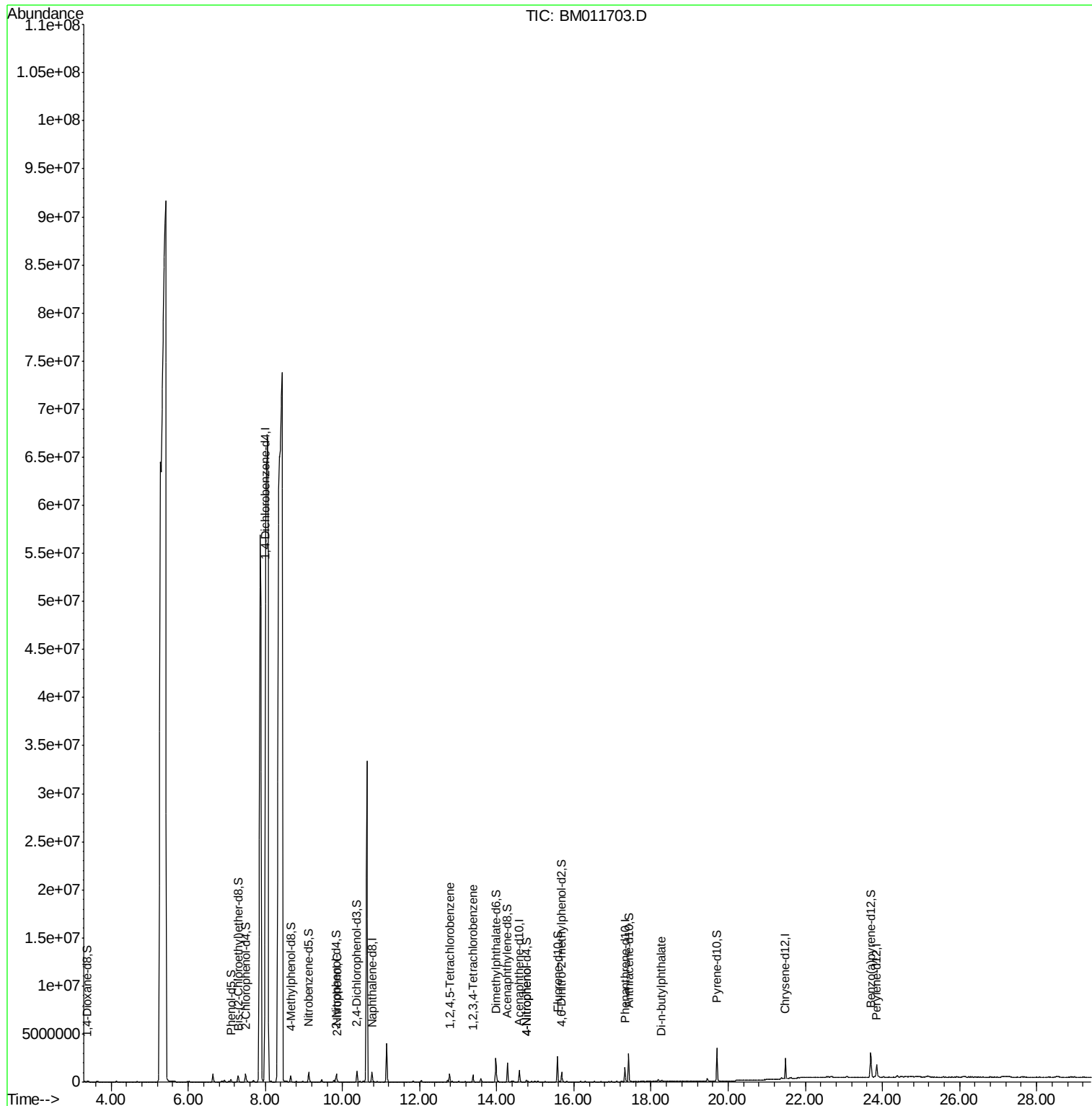
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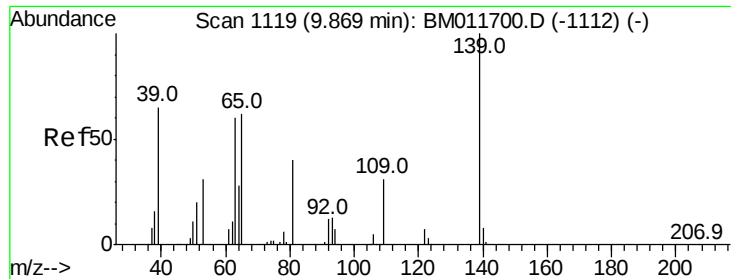
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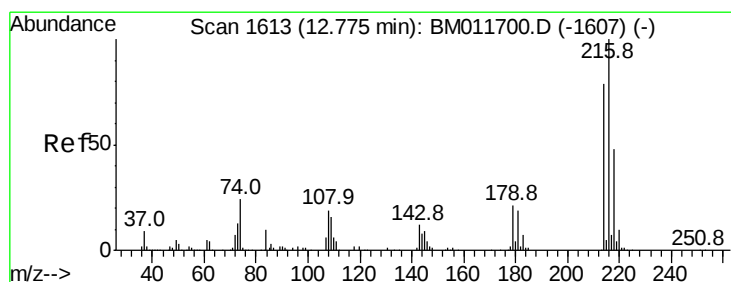
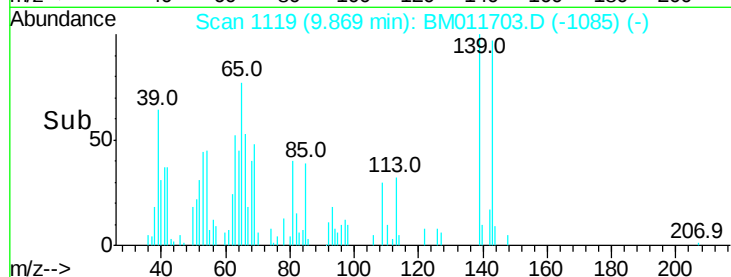
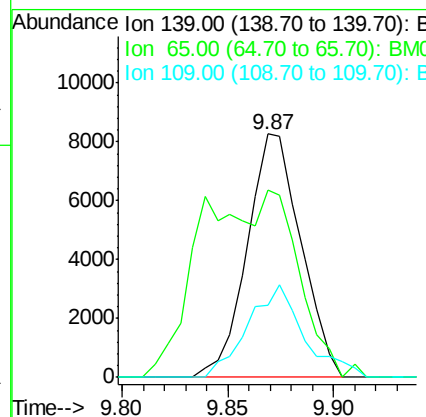
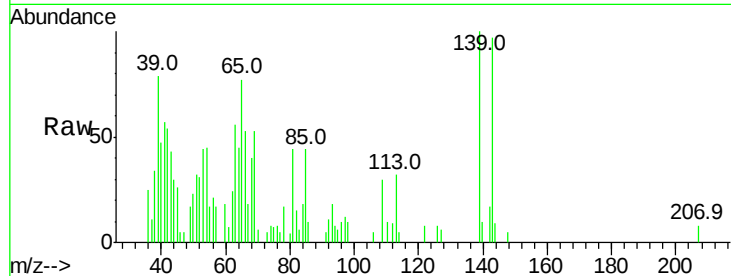
#23
 2-Nitrophenol
 Concen: 2.405 ng/ul
 RT: 9.87 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BM011703.D
 Acq: 23 Sep 2017 13:40

Instrument :
 BNA_M
 ClientSampled :
 C0AJ9

Tot Ion	Ratio	Resp	Lower	Upper
139	100	14635		
65	76.7	45.3	67.9#	
109	29.8	27.7	41.5	

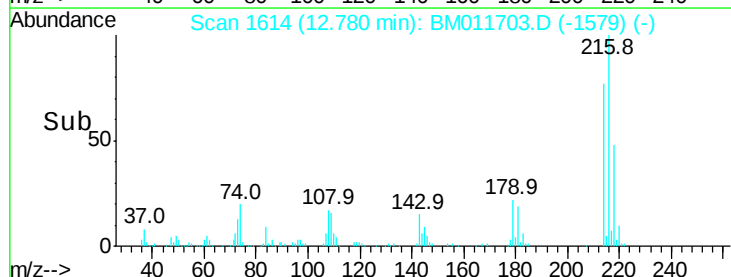
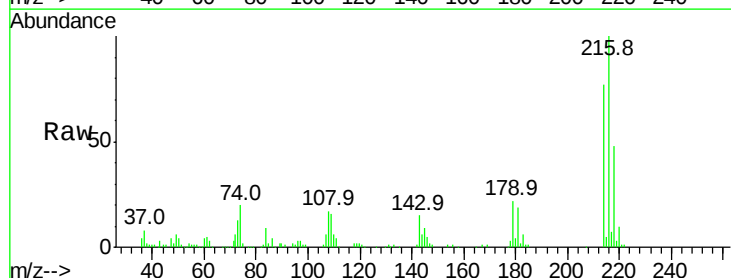
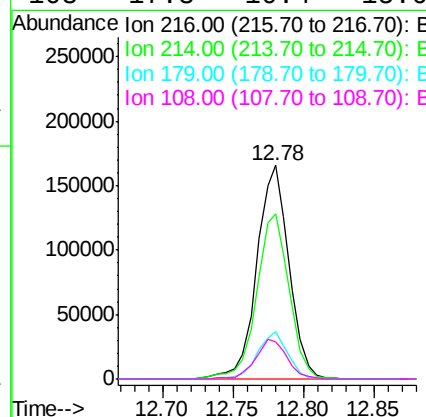
Manual Integrations
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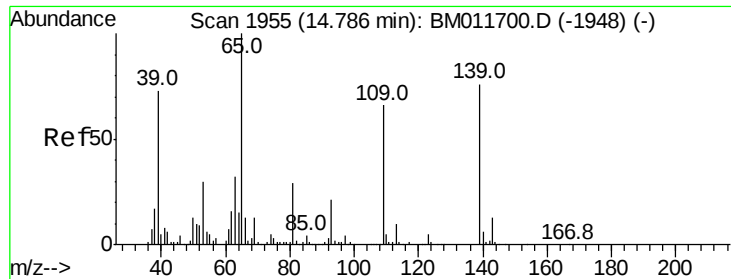
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#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.335 ng/ul
 RT: 12.78 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BM011703.D
 Acq: 23 Sep 2017 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	265577		
214	77.3	64.1	96.1	
179	21.9	14.5	21.7#	
108	17.3	10.4	15.6#	





#53

4-Nitrophenol

Concen: 1.706 ng/ul

RT: 14.79 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM011703.D

Acq: 23 Sep 2017 13:40

Instrument :

BNA_M

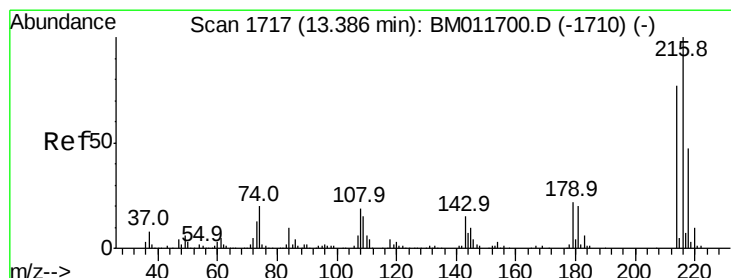
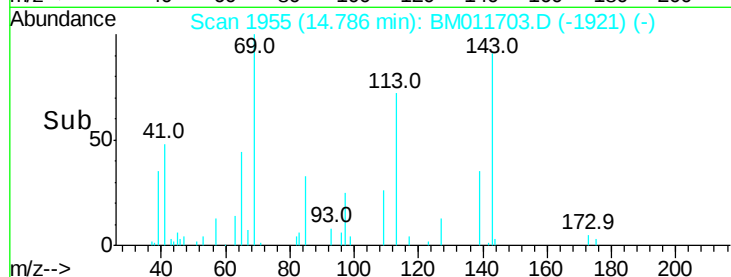
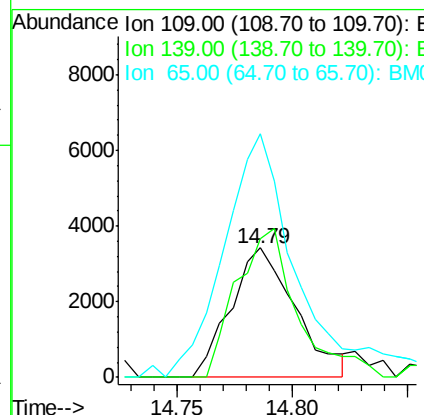
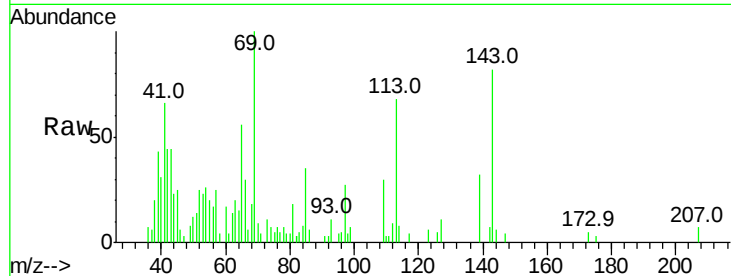
ClientSampled :

C0AJ9

Tot Ion	Ratio	Resp	Lower	Upper
109	100	6683		
139	107.5	91.2	136.8	
65	188.6	92.6	139.0#	

Manual Integrations
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#73

1,2,3,4-Tetrachlorobenzene

Concen: 17.017 ng/uL

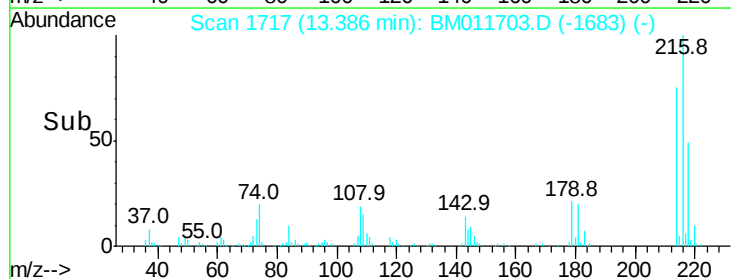
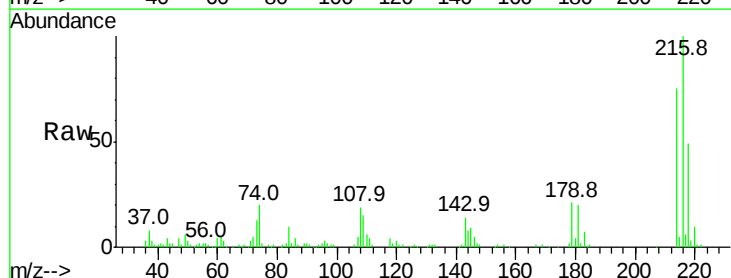
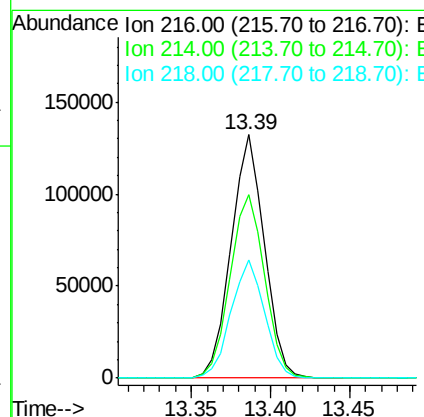
RT: 13.39 min Scan# 1717

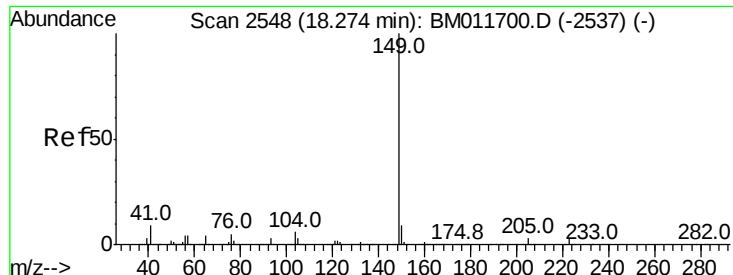
Delta R.T. -0.00 min

Lab File: BM011703.D

Acq: 23 Sep 2017 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	192273		
214	75.4	64.1	96.1	
218	48.5	39.4	59.0	





#76
 Di-n-butylphthalate
 Concen: 1.557 ng/ul
 RT: 18.27 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BM011703.D
 Acq: 23 Sep 2017 13:40

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:	149	Resp:	84591
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	6.8	4.1	6.1

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